

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081852.D
 Acq On : 25 Apr 2024 15:53
 Operator : JC\MD
 Sample : VN0425WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2024
 Supervised By : Mahesh Dadoda 04/26/2024

Quant Time: Apr 26 05:35:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	217734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	420458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170111	46.292	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.580%		
35) Dibromofluoromethane	8.165	113	113963	45.018	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.040%		
50) Toluene-d8	10.565	98	455874	45.852	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.700%		
62) 4-Bromofluorobenzene	12.847	95	170518	43.386	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	86.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57750	18.894	ug/l	98
3) Chloromethane	2.365	50	57916	18.164	ug/l	96
4) Vinyl Chloride	2.518	62	55993	19.399	ug/l	97
5) Bromomethane	2.959	94	25164	17.123	ug/l	95
6) Chloroethane	3.124	64	28329	19.419	ug/l #	87
7) Trichlorofluoromethane	3.501	101	82407	18.457	ug/l	97
8) Diethyl Ether	3.959	74	37546	19.796	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	51582	19.899	ug/l	91
10) Methyl Iodide	4.589	142	46489	20.476	ug/l	91
11) Tert butyl alcohol	5.512	59	70414	105.404	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	50263	19.060	ug/l #	82
13) Acrolein	4.183	56	50389	92.066	ug/l	96
14) Allyl chloride	5.024	41	101499	18.196	ug/l #	92
15) Acrylonitrile	5.718	53	155932	97.207	ug/l	96
16) Acetone	4.430	43	114455	102.092	ug/l	94
17) Carbon Disulfide	4.718	76	139330	17.578	ug/l #	93
18) Methyl Acetate	5.024	43	73897	19.853	ug/l #	87
19) Methyl tert-butyl Ether	5.795	73	197631	19.860	ug/l	99
20) Methylene Chloride	5.277	84	59600	18.925	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	52215	18.160	ug/l #	77
22) Diisopropyl ether	6.665	45	214089	19.834	ug/l #	93
23) Vinyl Acetate	6.606	43	877541	100.056	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	108633	19.336	ug/l	98
25) 2-Butanone	7.483	43	203352	97.498	ug/l	91
26) 2,2-Dichloropropane	7.489	77	98976	19.151	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	65320	19.441	ug/l	86
28) Bromochloromethane	7.812	49	52507	19.664	ug/l #	74
29) Tetrahydrofuran	7.841	42	141257	94.443	ug/l	89
30) Chloroform	7.965	83	105301	18.909	ug/l	96
31) Cyclohexane	8.259	56	101250	18.290	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	90777	18.279	ug/l	95
36) 1,1-Dichloropropene	8.371	75	75301	18.284	ug/l	98
37) Ethyl Acetate	7.553	43	89353	20.066	ug/l #	93
38) Carbon Tetrachloride	8.365	117	74511	18.511	ug/l	93
39) Methylcyclohexane	9.600	83	94180	18.829	ug/l	90
40) Benzene	8.606	78	237417	19.203	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	52507	18.480	ug/l	89
42) 1,2-Dichloroethane	8.671	62	87012	18.953	ug/l	97
43) Isopropyl Acetate	8.688	43	162671	19.429	ug/l	94
44) Trichloroethene	9.353	130	54030	18.955	ug/l	97
45) 1,2-Dichloropropane	9.624	63	63703	19.688	ug/l	97
46) Dibromomethane	9.712	93	40692	18.195	ug/l	92
47) Bromodichloromethane	9.888	83	89803	19.041	ug/l	97
48) Methyl methacrylate	9.683	41	79237	19.824	ug/l #	85
49) 1,4-Dioxane	9.694	88	24308	400.123	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	467720	99.232	ug/l	93
52) Toluene	10.635	92	149280	20.162	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	102148	19.904	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	103691	19.604	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	55017	18.894	ug/l	91
56) Ethyl methacrylate	10.877	69	107702	19.425	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	102473	19.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	241738	95.704	ug/l	89
59) 2-Hexanone	11.194	43	350536	99.932	ug/l	92
60) Dibromochloromethane	11.359	129	60216	19.525	ug/l	98
61) 1,2-Dibromoethane	11.471	107	54469	19.561	ug/l	99
64) Tetrachloroethene	11.106	164	52340	20.270	ug/l	91
65) Chlorobenzene	11.894	112	152051	19.585	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	50850	20.153	ug/l	96
67) Ethyl Benzene	11.965	91	282787	19.586	ug/l	96
68) m/p-Xylenes	12.071	106	204878	39.781	ug/l	91
69) o-Xylene	12.400	106	100245	19.937	ug/l	88
70) Styrene	12.412	104	168052	19.321	ug/l	93
71) Bromoform	12.582	173	36582	18.442	ug/l #	97
73) Isopropylbenzene	12.694	105	253438	18.699	ug/l	99
74) N-amyl acetate	12.494	43	145933	19.339	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	70501	17.321	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	71775m	18.159	ug/l	
77) Bromobenzene	12.982	156	53180	18.750	ug/l	67
78) n-propylbenzene	13.035	91	308640	18.747	ug/l	95
79) 2-Chlorotoluene	13.123	91	190853	18.221	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	215312	18.773	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	32024	16.602	ug/l	89
82) 4-Chlorotoluene	13.223	91	190167	18.700	ug/l	89
83) tert-Butylbenzene	13.441	119	179084	18.750	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	217173	18.961	ug/l	98
85) sec-Butylbenzene	13.618	105	251316	18.680	ug/l	95
86) p-Isopropyltoluene	13.729	119	207430	19.202	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	98239	18.563	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	99709	19.133	ug/l	95
89) n-Butylbenzene	14.059	91	189306	18.827	ug/l	96
90) Hexachloroethane	14.335	117	38446	18.092	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	95384	18.801	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16735	16.888	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	53430	18.825	ug/l	98
94) Hexachlorobutadiene	15.506	225	20838	19.919	ug/l	97
95) Naphthalene	15.641	128	197523	18.417	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	53282	19.553	ug/l	97

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0425WBSD01

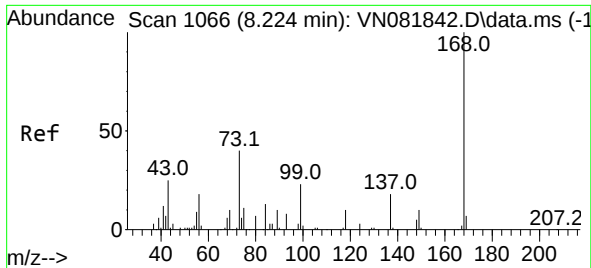
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

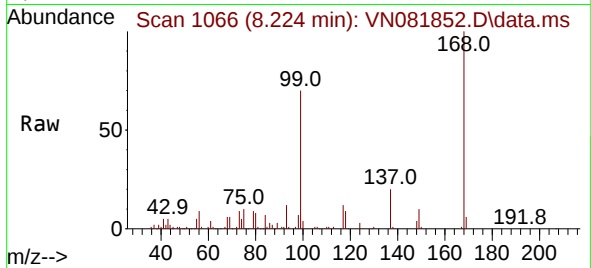
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081852.D
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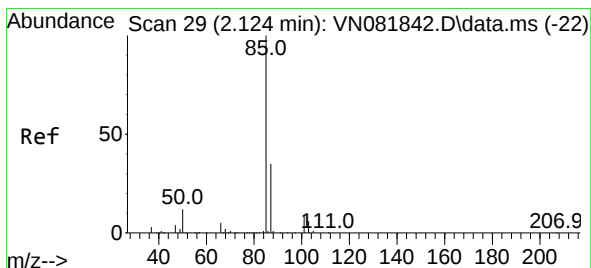
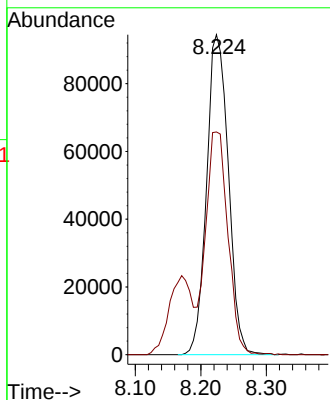
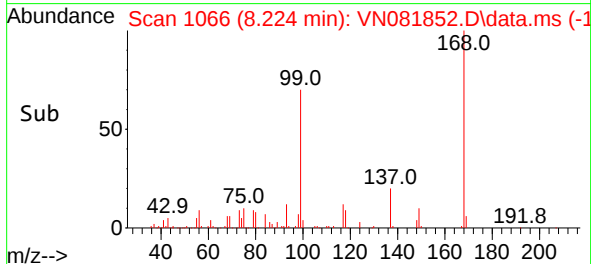
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



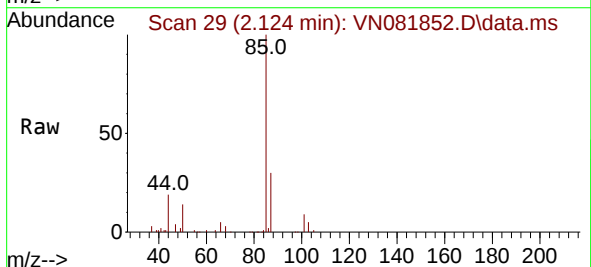
Tgt Ion:168 Resp: 217734
Ion Ratio Lower Upper
168 100
99 69.4 48.2 72.4

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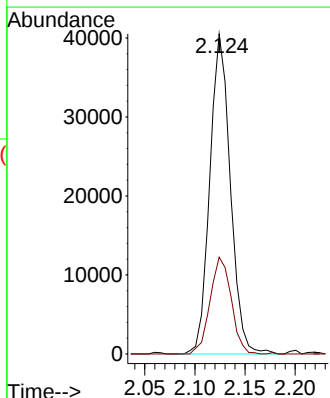
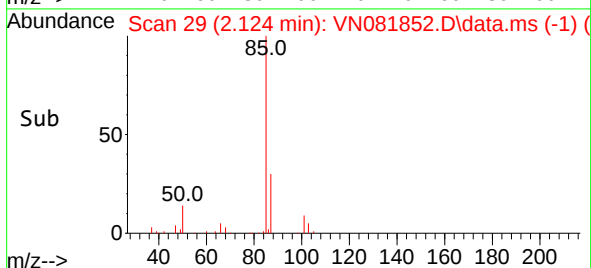
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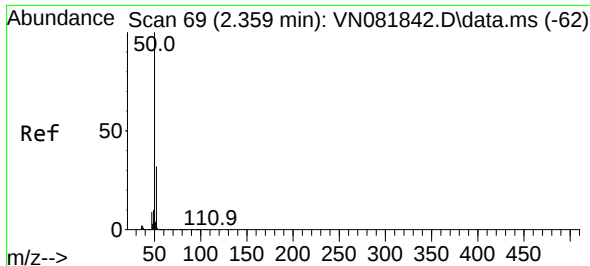


#2
Dichlorodifluoromethane
Concen: 18.894 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53



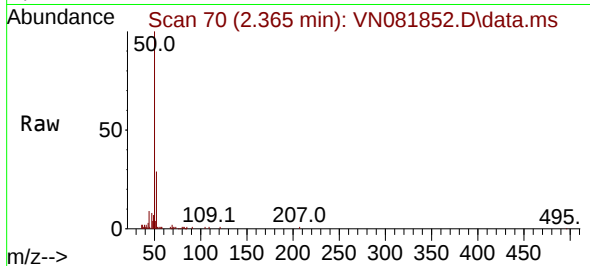
Tgt Ion: 85 Resp: 57750
Ion Ratio Lower Upper
85 100
87 30.3 15.8 47.4





#3
Chloromethane
Concen: 18.164 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

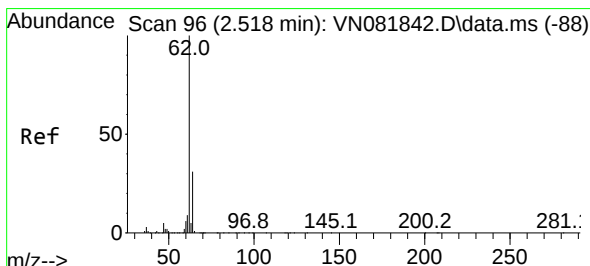
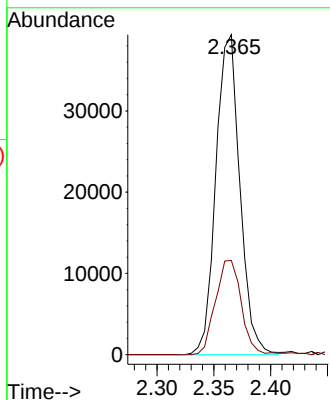
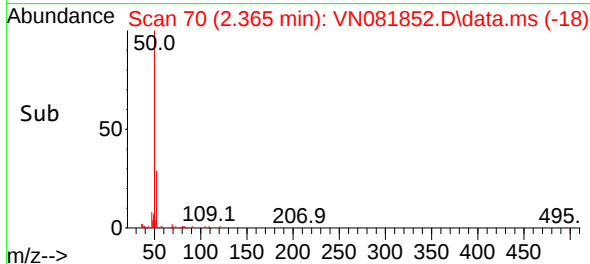
Instrument :
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Tgt Ion: 50 Resp: 57910
Ion Ratio Lower Upper
50 100
52 29.4 25.5 38.3

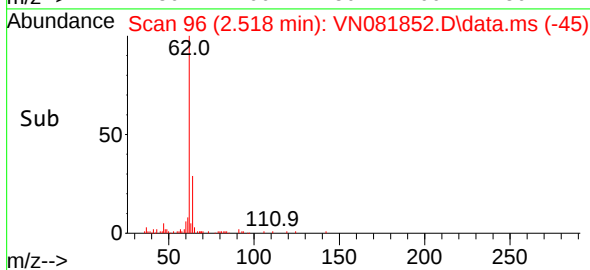
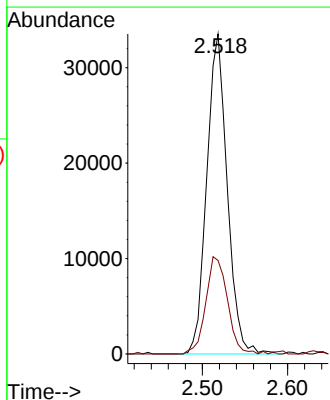
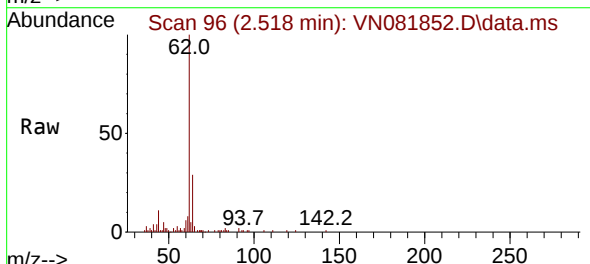
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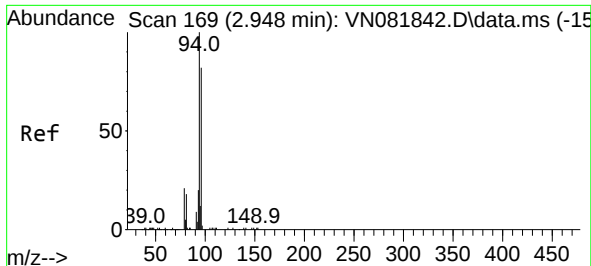
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#4
Vinyl Chloride
Concen: 19.399 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion: 62 Resp: 55993
Ion Ratio Lower Upper
62 100
64 29.2 24.6 37.0





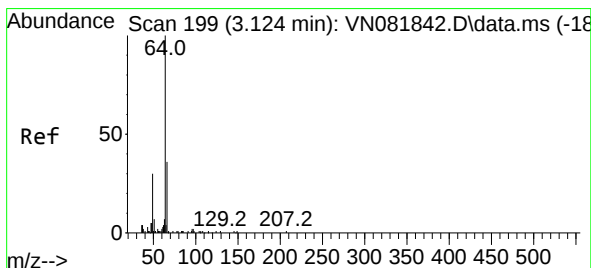
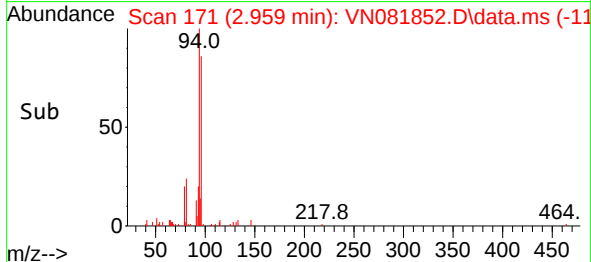
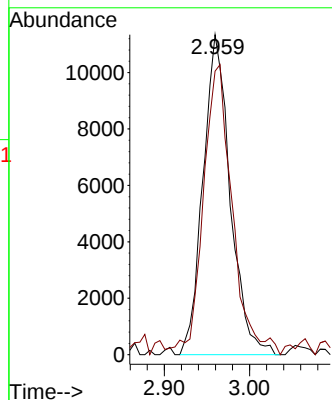
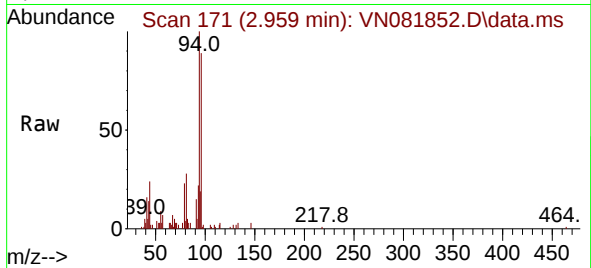
#5
Bromomethane
Concen: 17.123 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.011 min
Lab File: VN081852.D
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Instrument :
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Tgt Ion: 94 Resp: 25164
Ion Ratio Lower Upper
94 100
96 88.6 74.8 112.2

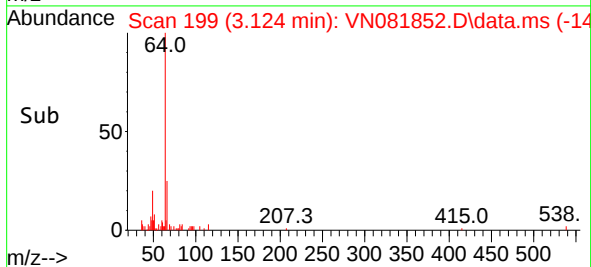
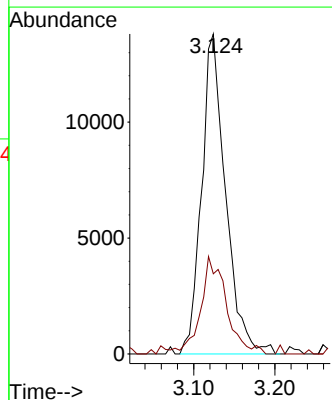
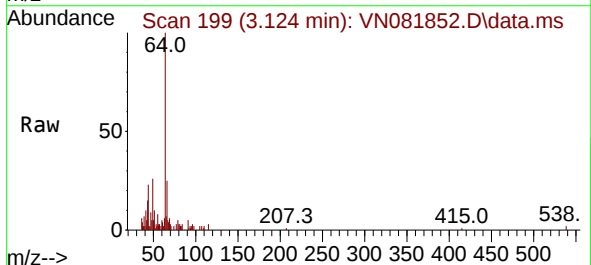
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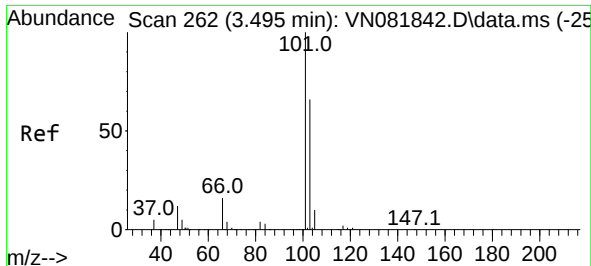
Reviewed By :John Carlone 04/26/2024
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#6
Chloroethane
Concen: 19.419 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion: 64 Resp: 28329
Ion Ratio Lower Upper
64 100
66 23.9 24.7 37.1#





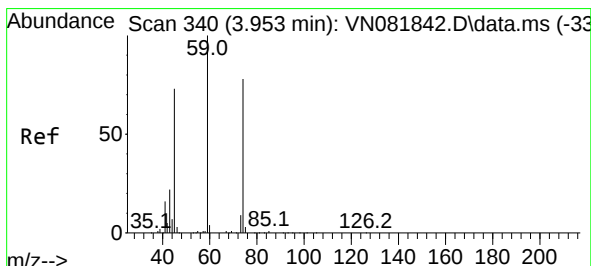
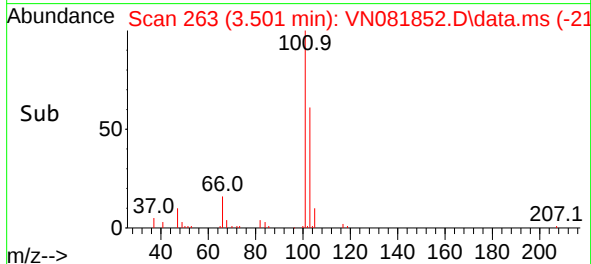
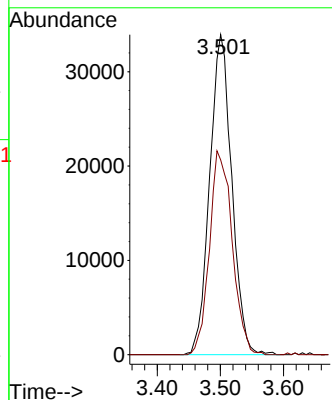
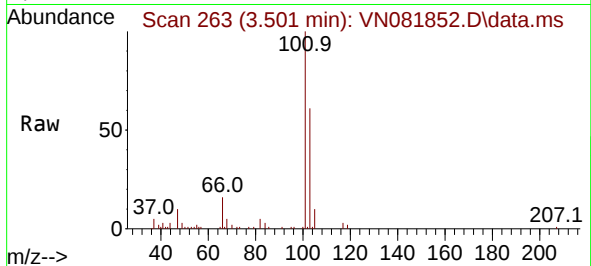
#7
 Trichlorofluoromethane
 Concen: 18.457 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN081852.D
 Acq: 25 Apr 2024 15:53

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 8240
 Ion Ratio Lower Upper
 101 100
 103 60.8 50.6 75.8

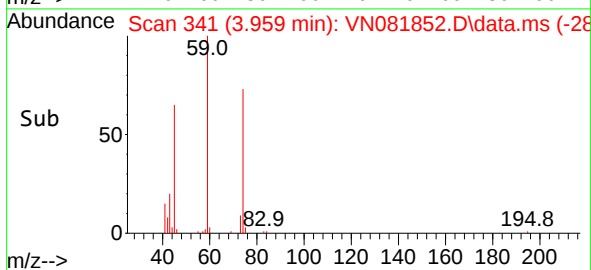
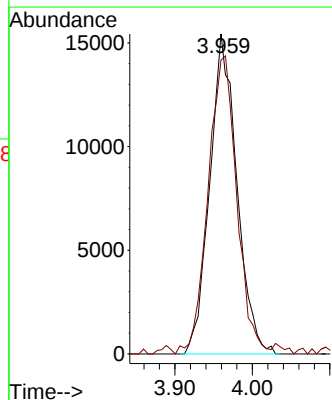
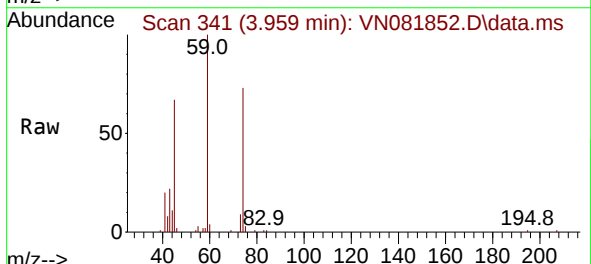
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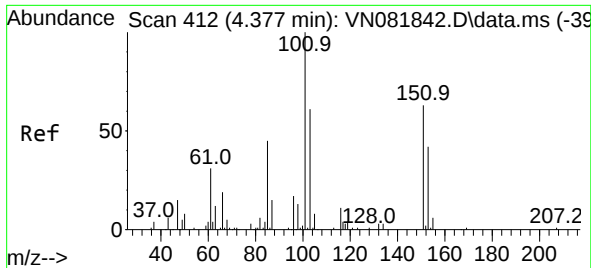
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#8
 Diethyl Ether
 Concen: 19.796 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 37546
 Ion Ratio Lower Upper
 74 100
 45 98.5 42.4 127.3





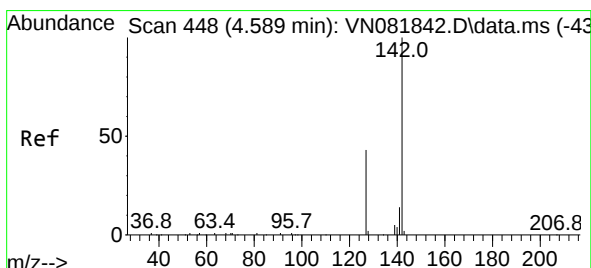
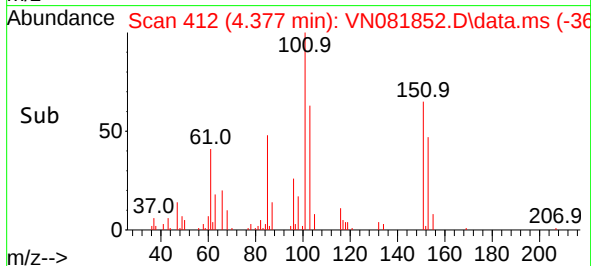
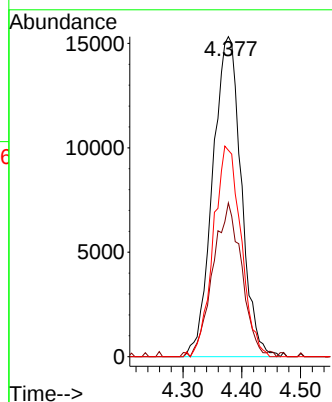
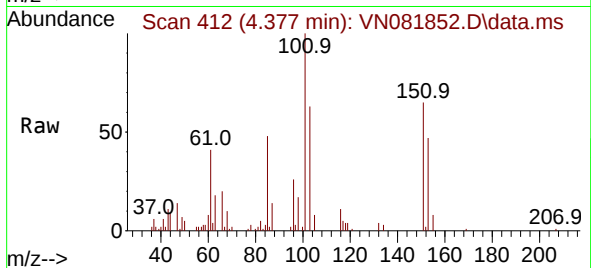
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.899 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:101 Resp: 5158
Ion Ratio Lower Upper
101 100
85 48.7 37.3 55.9
151 63.9 59.2 88.8

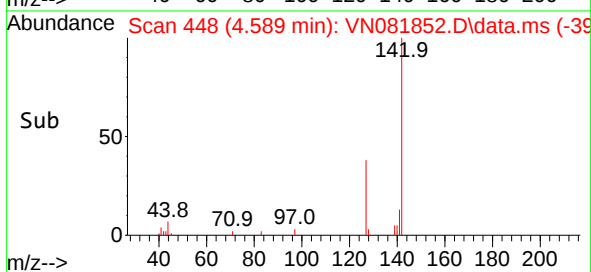
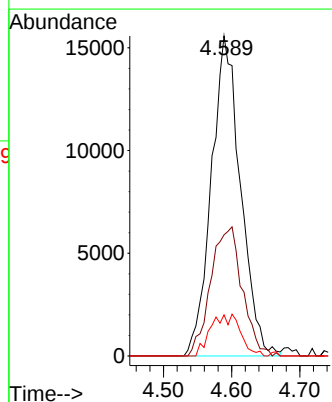
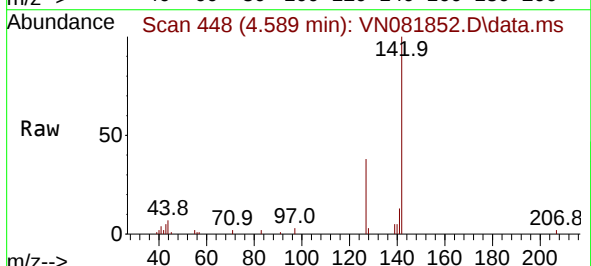
Manual Integrations
APPROVED

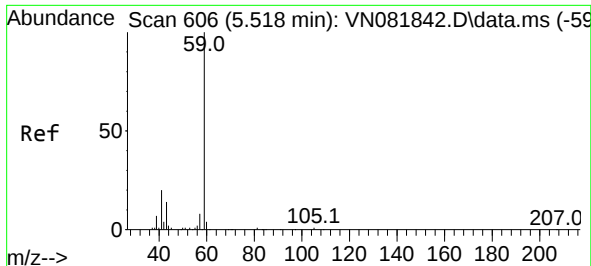
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#10
Methyl Iodide
Concen: 20.476 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

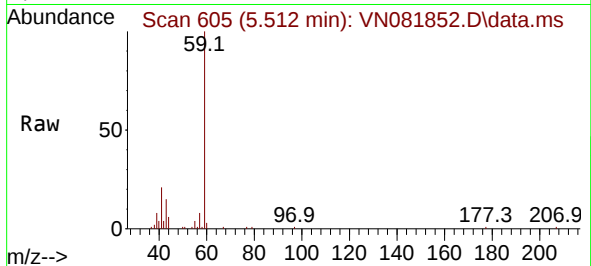
Tgt Ion:142 Resp: 46489
Ion Ratio Lower Upper
142 100
127 37.9 35.8 53.6
141 12.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 105.404 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

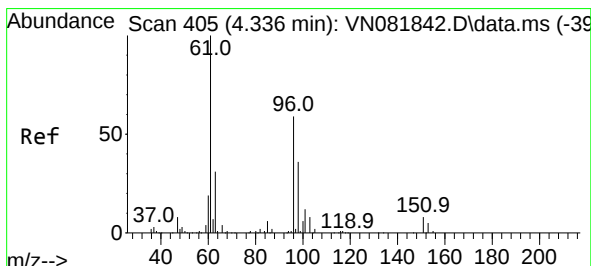
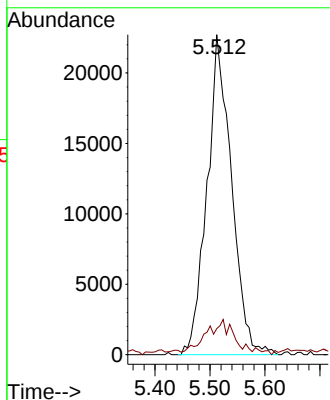
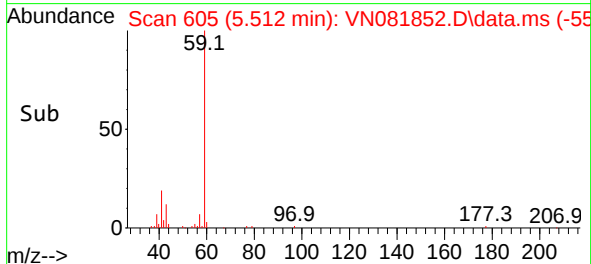
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



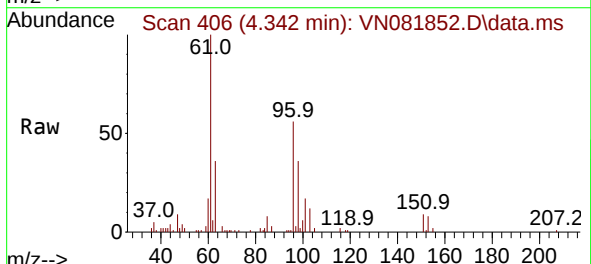
Tgt Ion: 59 Resp: 70414
Ion Ratio Lower Upper
59 100
57 6.5 8.9 13.3

Manual Integrations
APPROVED

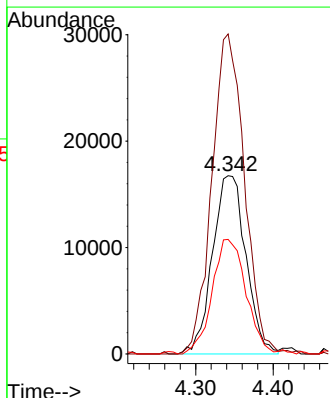
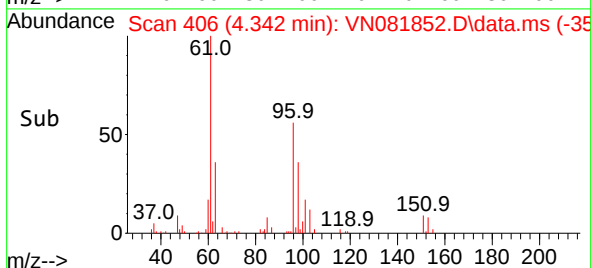
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

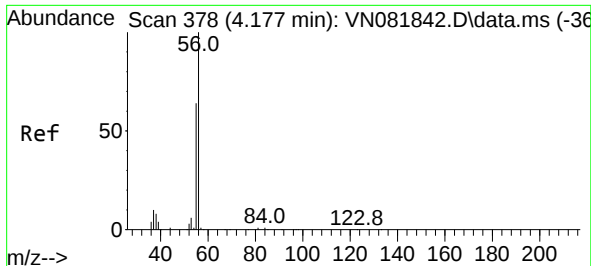


#12
1,1-Dichloroethene
Concen: 19.060 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53



Tgt Ion: 96 Resp: 50263
Ion Ratio Lower Upper
96 100
61 179.6 119.7 179.5#
98 64.3 49.6 74.4





#13

Acrolein

Concen: 92.066 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

Tgt Ion: 56 Resp: 50389

Ion Ratio Lower Upper

56 100

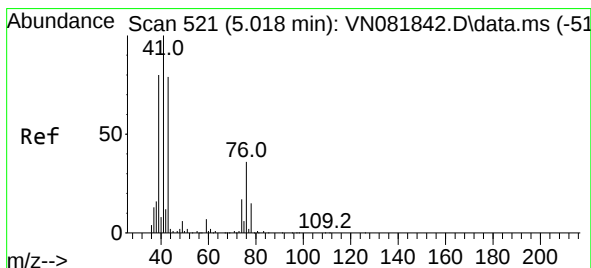
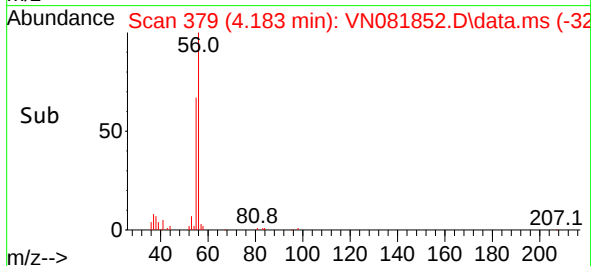
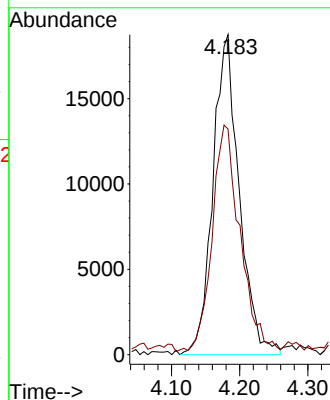
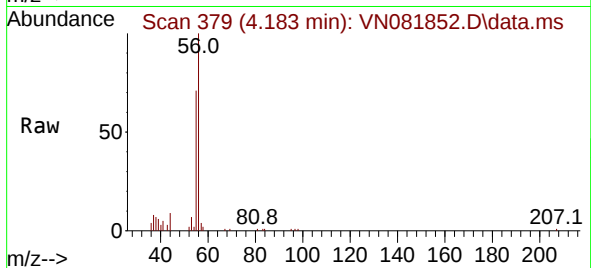
55 73.2 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#14

Allyl chloride

Concen: 18.196 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

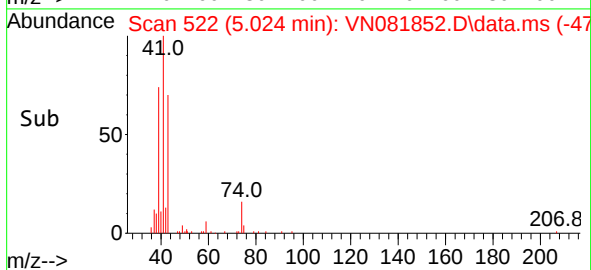
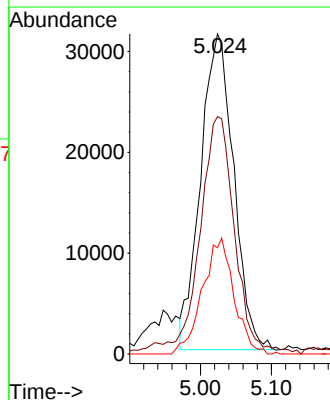
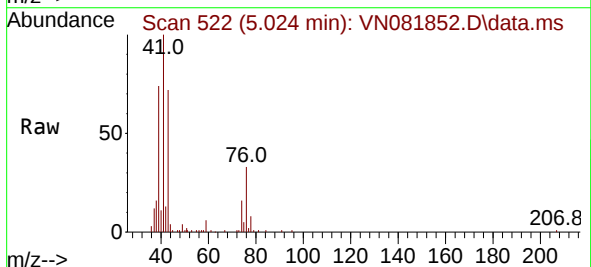
Tgt Ion: 41 Resp: 101499

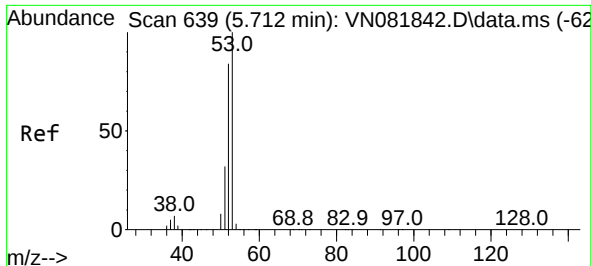
Ion Ratio Lower Upper

41 100

39 79.6 65.4 98.0

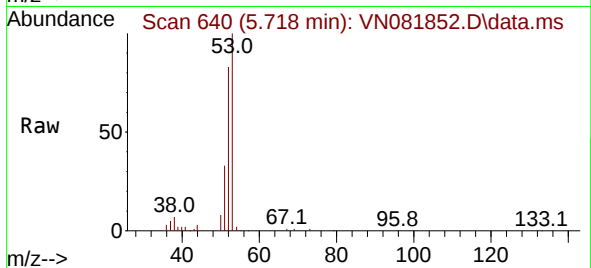
76 34.7 37.3 55.9#





#15
Acrylonitrile
Concen: 97.207 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

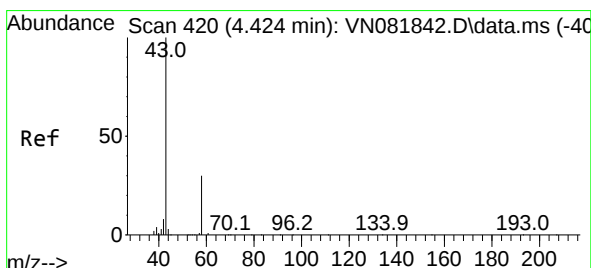
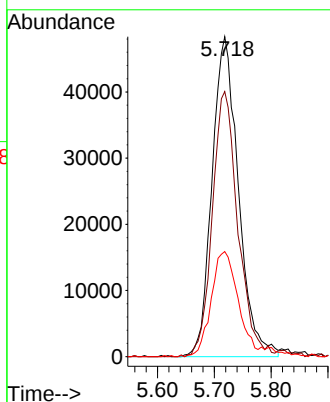
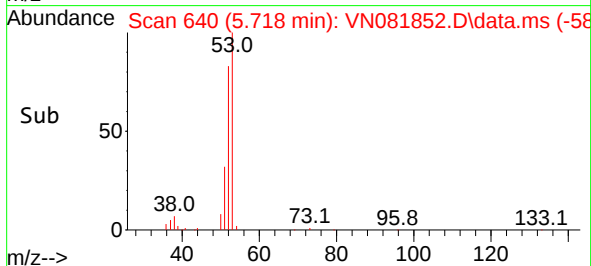
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



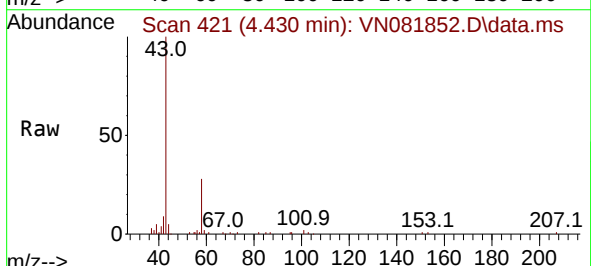
Tgt Ion: 53 Resp: 15593
Ion Ratio Lower Upper
53 100
52 80.2 66.1 99.1
51 33.5 29.4 44.2

Manual Integrations
APPROVED

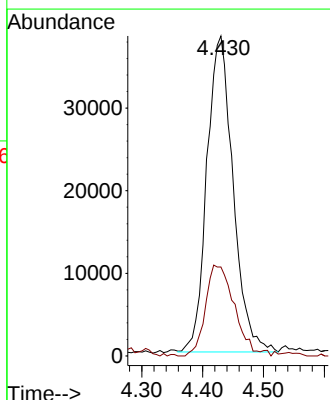
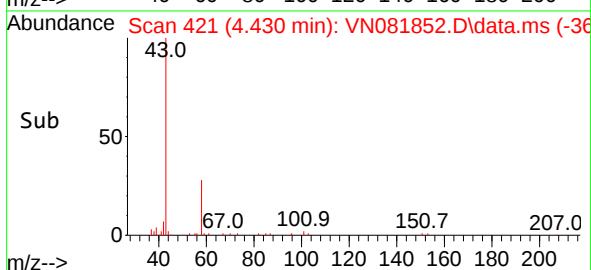
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

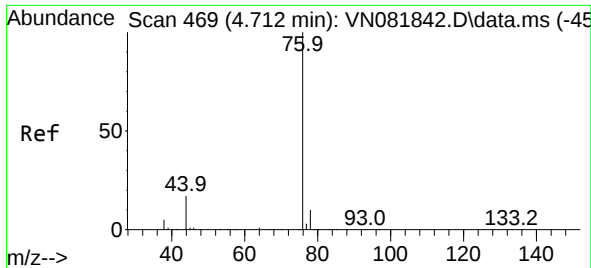


#16
Acetone
Concen: 102.092 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53



Tgt Ion: 43 Resp: 114455
Ion Ratio Lower Upper
43 100
58 28.1 25.2 37.8





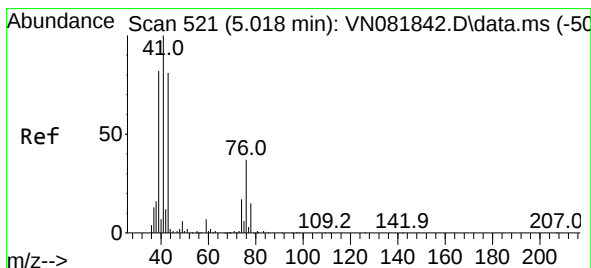
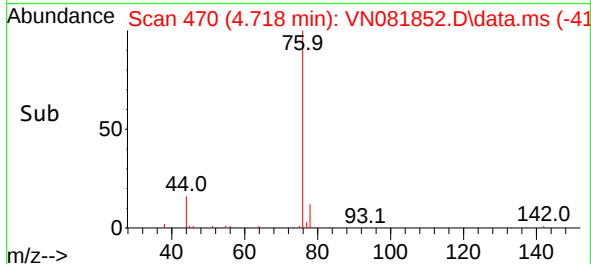
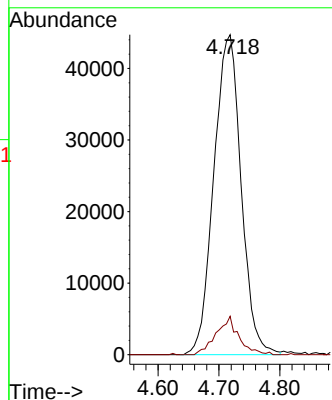
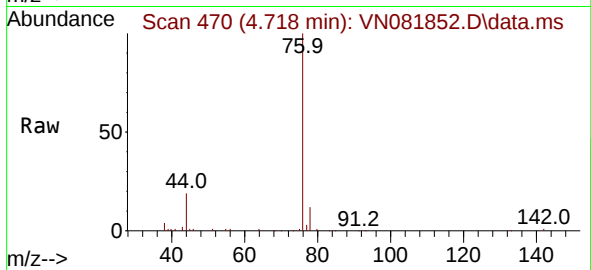
#17
Carbon Disulfide
Concen: 17.578 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 76 Resp: 139330
Ion Ratio Lower Upper
76 100
78 12.0 7.5 11.3

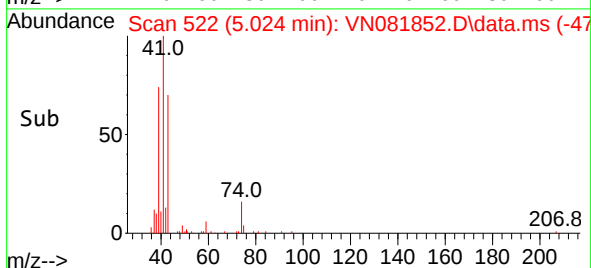
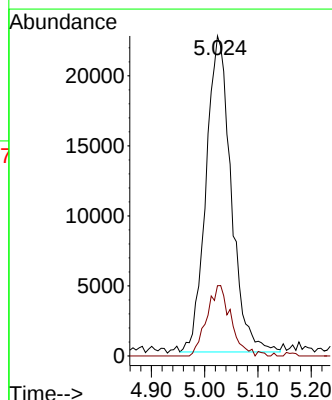
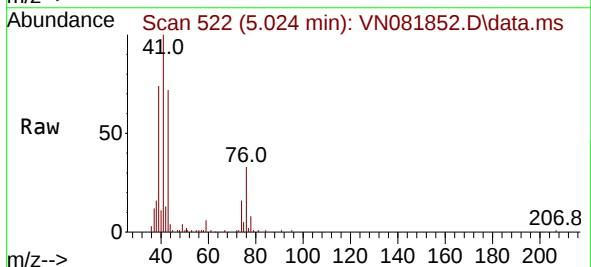
Manual Integrations
APPROVED

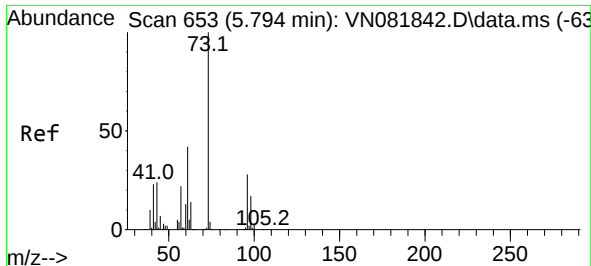
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#18
Methyl Acetate
Concen: 19.853 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

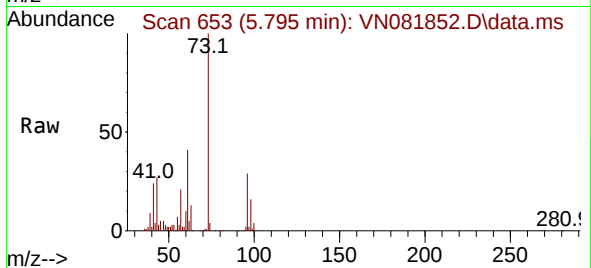
Tgt Ion: 43 Resp: 73897
Ion Ratio Lower Upper
43 100
74 21.1 22.2 33.2





#19
Methyl tert-butyl Ether
Concen: 19.860 ug/l
RT: 5.795 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

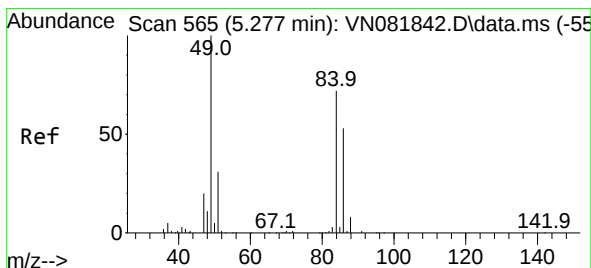
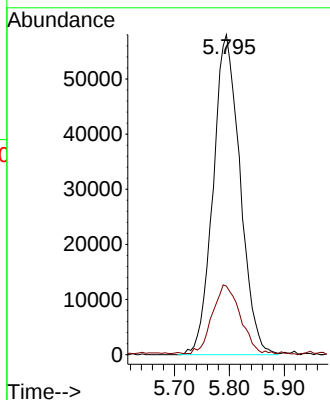
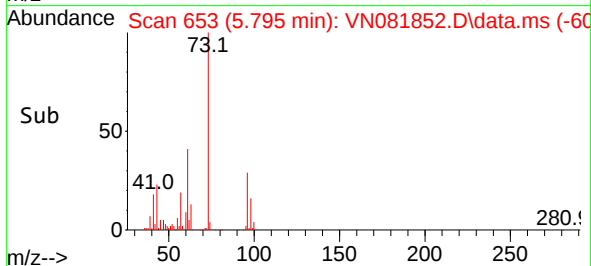
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 73 Resp: 19763
Ion Ratio Lower Upper
73 100
57 21.1 16.5 24.7

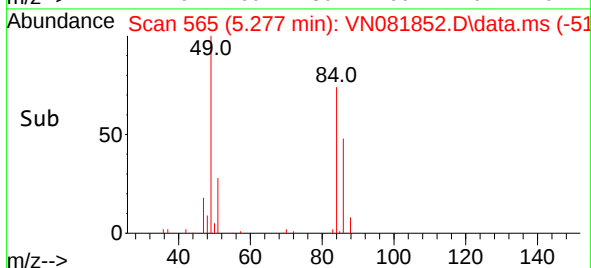
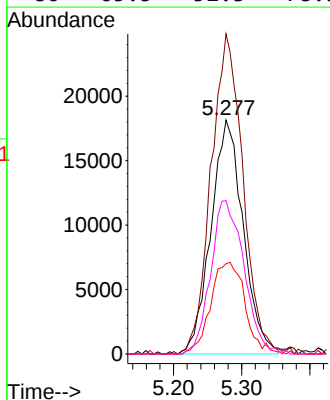
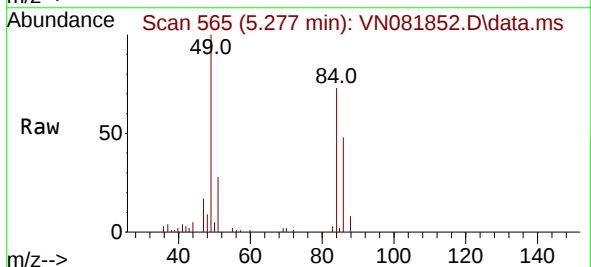
Manual Integrations
APPROVED

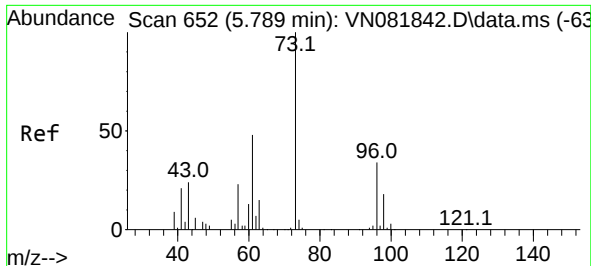
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#20
Methylene Chloride
Concen: 18.925 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion: 84 Resp: 59600
Ion Ratio Lower Upper
84 100
49 136.8 84.9 127.3#
51 38.6 27.0 40.6
86 65.5 52.3 78.5





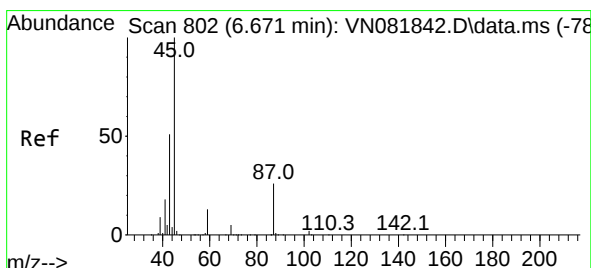
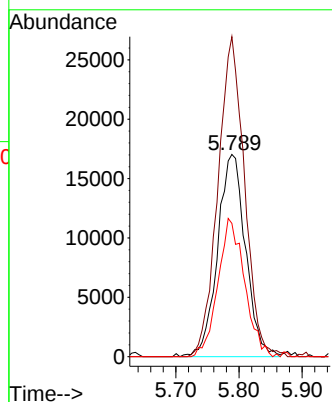
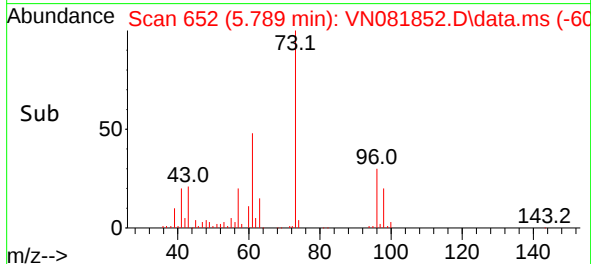
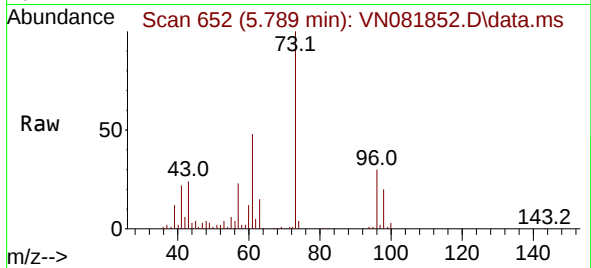
#21
trans-1,2-Dichloroethene
Concen: 18.160 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 96 Resp: 52215
Ion Ratio Lower Upper
96 100
61 158.2 96.5 144.7
98 65.9 51.3 76.9

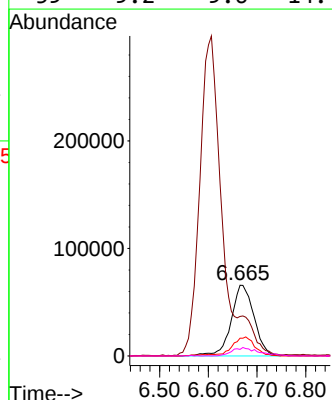
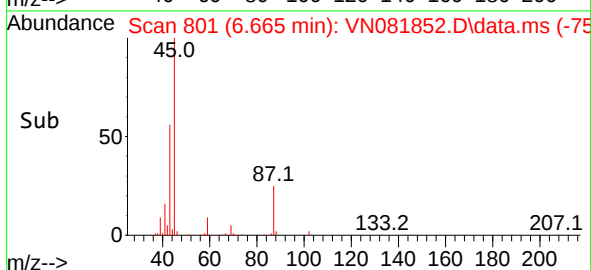
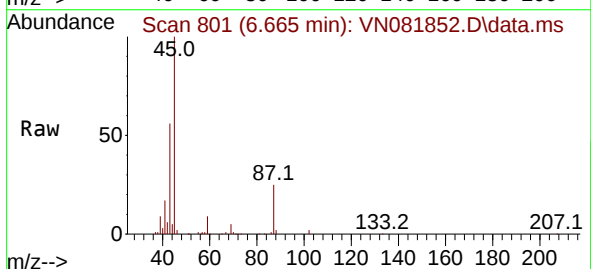
Manual Integrations
APPROVED

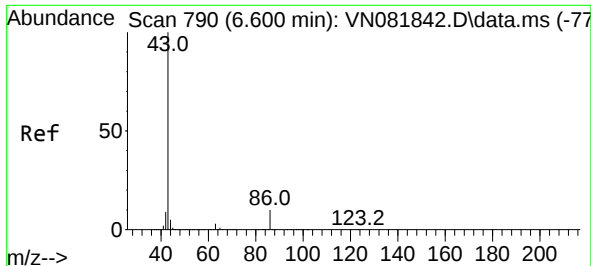
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#22
Diisopropyl ether
Concen: 19.834 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

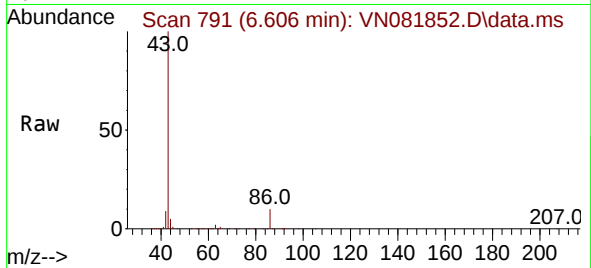
Tgt Ion: 45 Resp: 214089
Ion Ratio Lower Upper
45 100
43 54.3 44.1 66.1
87 25.1 27.0 40.6#
59 9.2 9.6 14.4#





#23
 Vinyl Acetate
 Concen: 100.056 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081852.D
 Acq: 25 Apr 2024 15:53

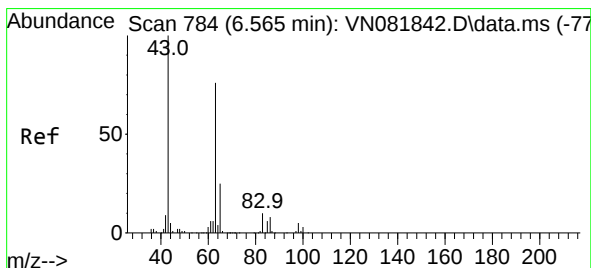
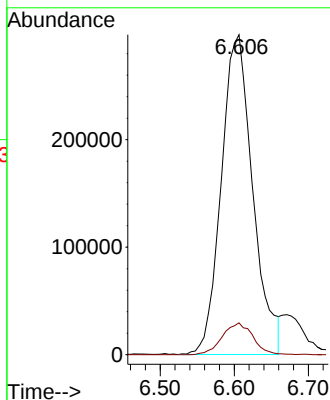
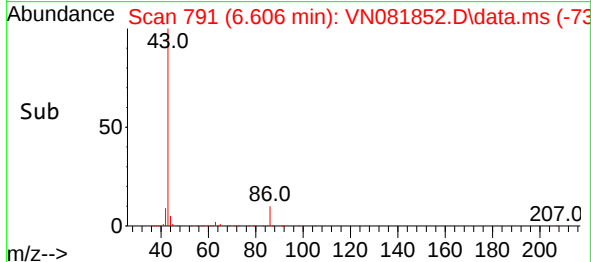
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01



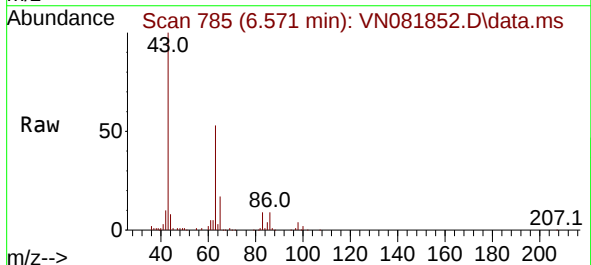
Tgt Ion: 43 Resp: 87754
 Ion Ratio Lower Upper
 43 100
 86 9.9 10.2 15.4

Manual Integrations
 APPROVED

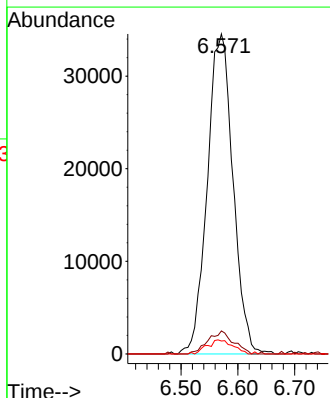
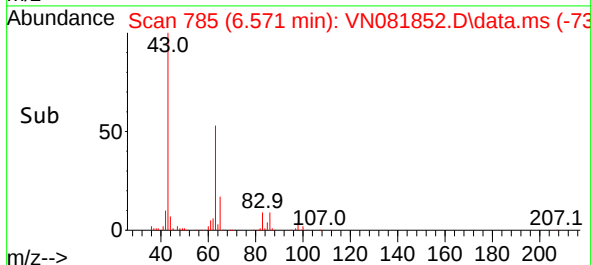
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

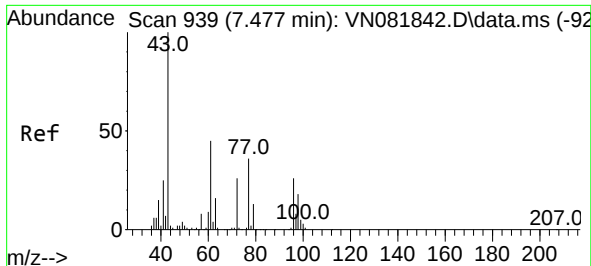


#24
 1,1-Dichloroethane
 Concen: 19.336 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081852.D
 Acq: 25 Apr 2024 15:53



Tgt Ion: 63 Resp: 108633
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.1 2.6 7.8





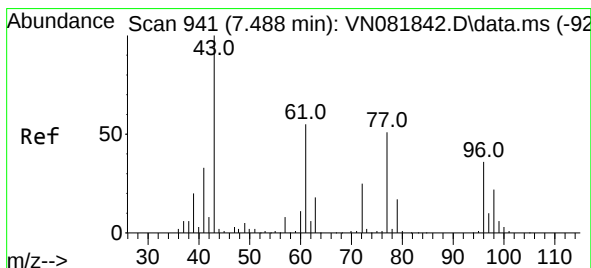
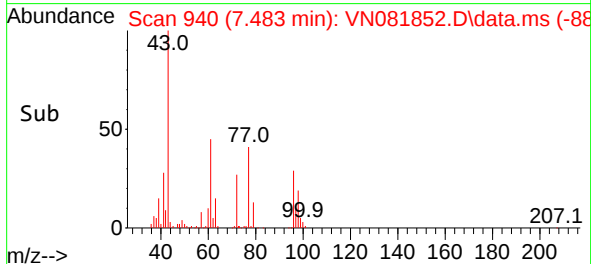
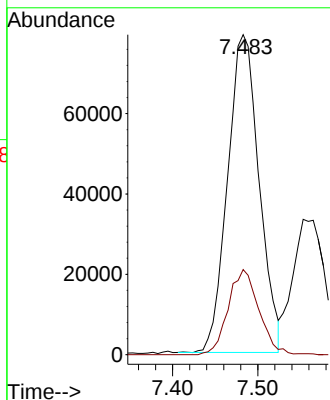
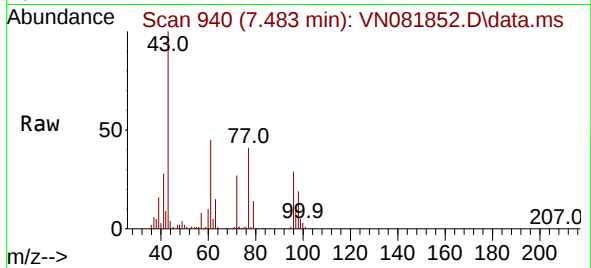
#25
2-Butanone
Concen: 97.498 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 43 Resp: 203352
Ion Ratio Lower Upper
43 100
72 26.8 25.3 37.9

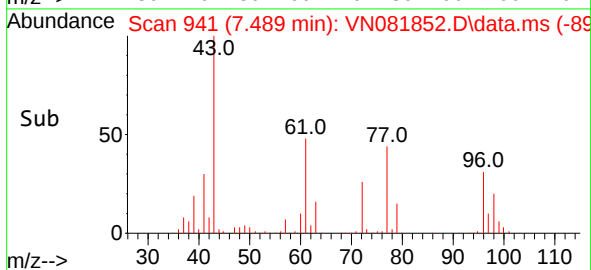
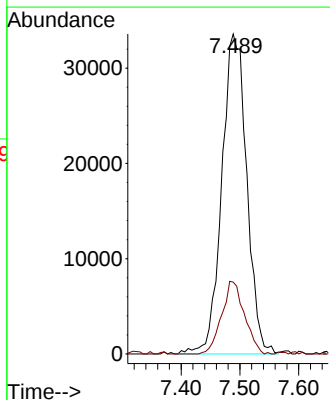
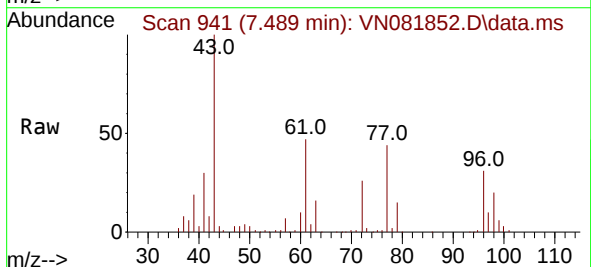
Manual Integrations
APPROVED

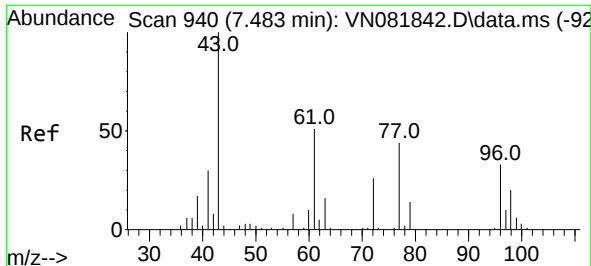
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#26
2,2-Dichloropropane
Concen: 19.151 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

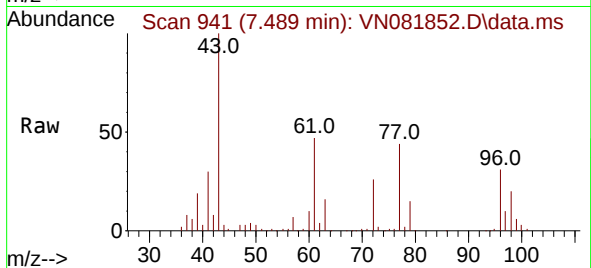
Tgt Ion: 77 Resp: 98976
Ion Ratio Lower Upper
77 100
97 20.8 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.441 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN081852.D
 Acq: 25 Apr 2024 15:53

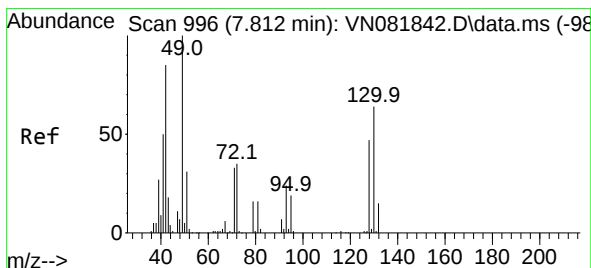
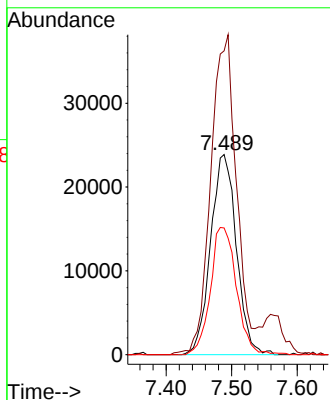
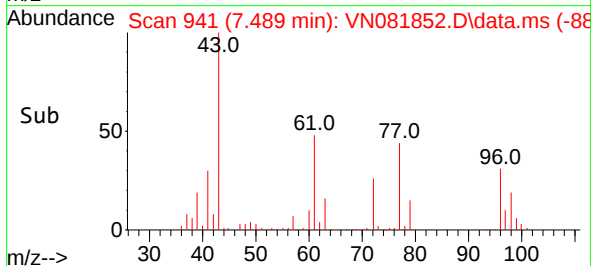
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01



Tgt Ion: 96 Resp: 65320
 Ion Ratio Lower Upper
 96 100
 61 158.7 0.0 268.0
 98 64.1 0.0 126.8

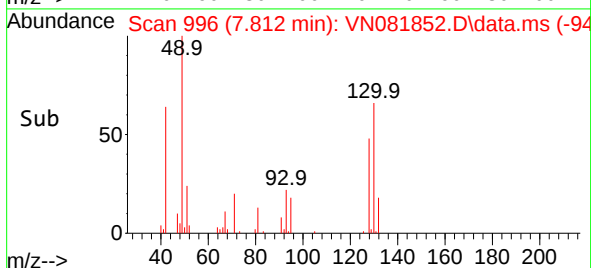
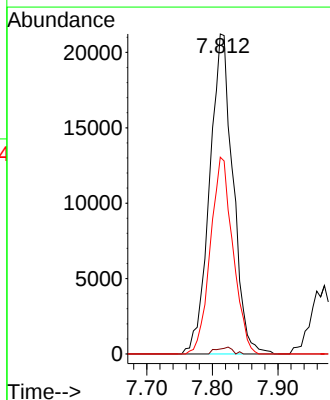
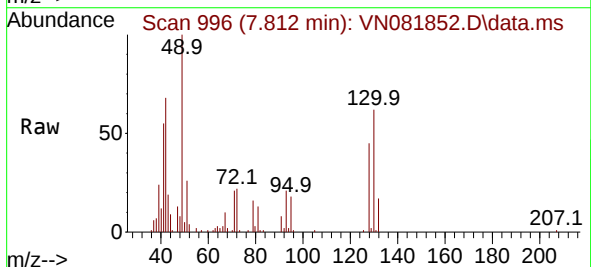
Manual Integrations
 APPROVED

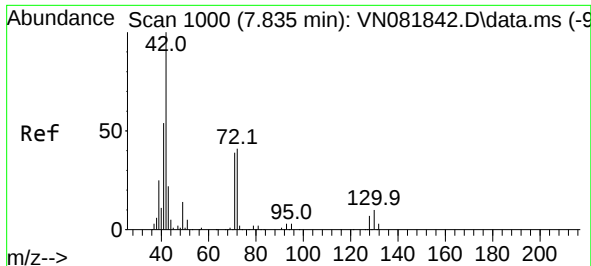
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#28
 Bromochloromethane
 Concen: 19.664 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081852.D
 Acq: 25 Apr 2024 15:53

Tgt Ion: 49 Resp: 52507
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 59.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 94.443 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

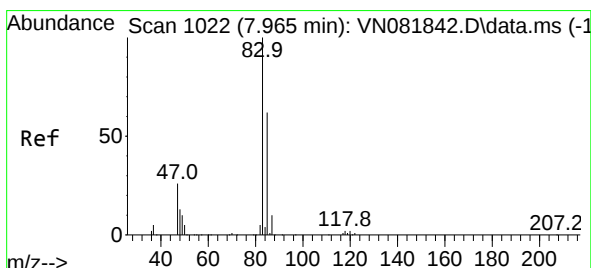
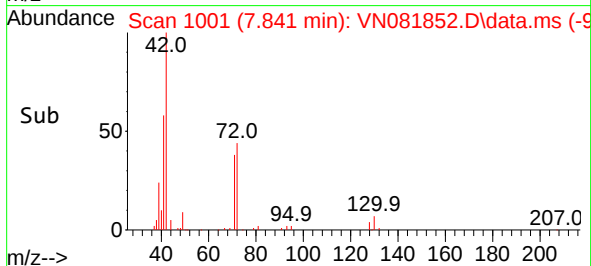
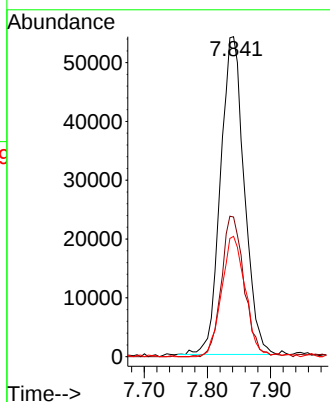
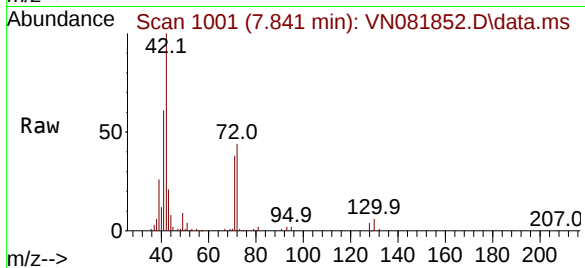
Tgt Ion:	42	Resp:	14125
Ion Ratio	Lower	Upper	
42	100		
72	42.6	39.3	58.9
71	38.0	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#30

Chloroform

Concen: 18.909 ug/l

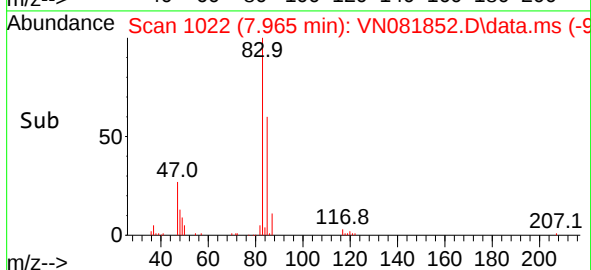
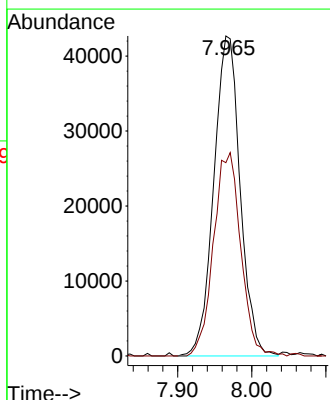
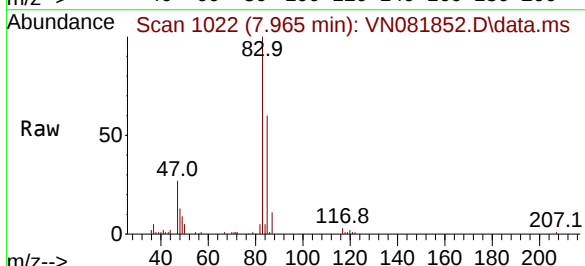
RT: 7.965 min Scan# 1022

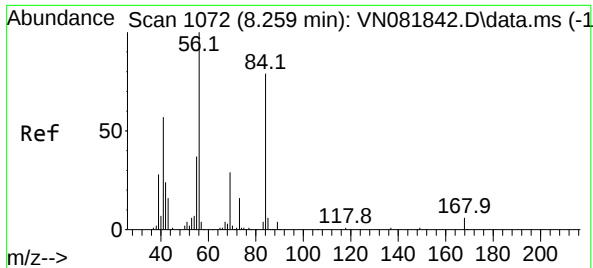
Delta R.T. 0.000 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

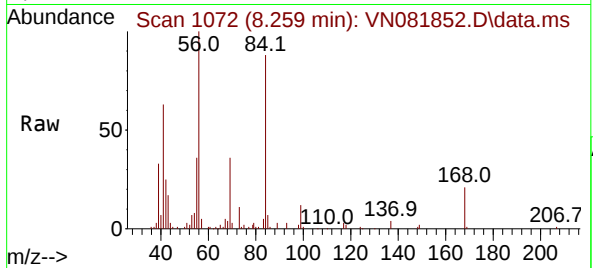
Tgt Ion:	83	Resp:	105301
Ion Ratio	Lower	Upper	
83	100		
85	60.4	50.7	76.1





#31
Cyclohexane
Concen: 18.290 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

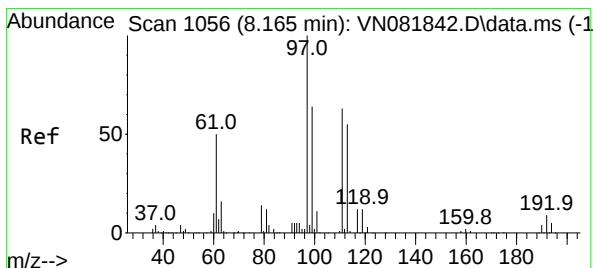
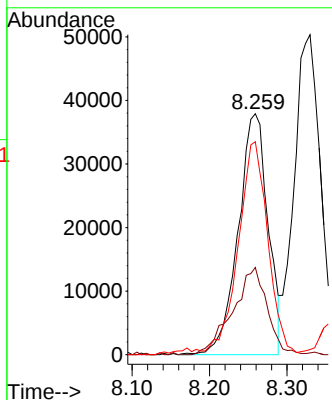
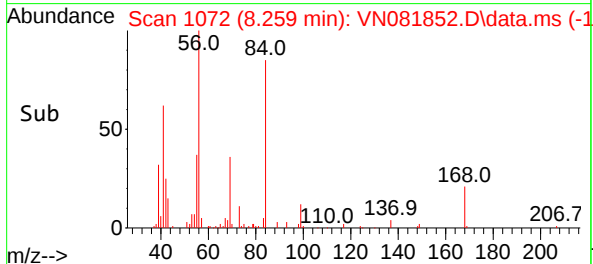
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



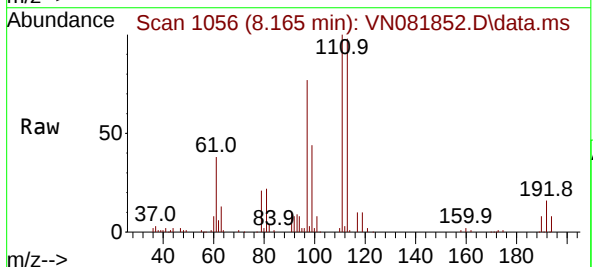
Tgt Ion: 56 Resp: 101250
Ion Ratio Lower Upper
56 100
69 36.2 24.4 36.6
84 86.8 77.0 115.4

Manual Integrations
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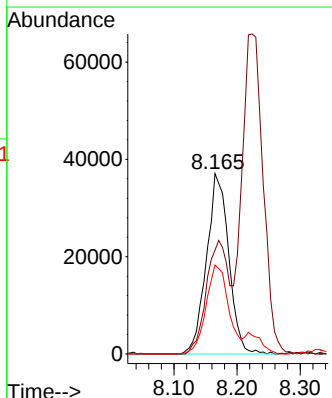
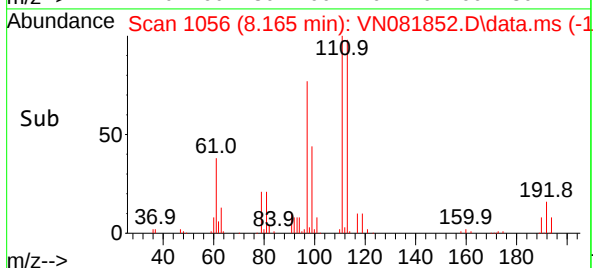
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

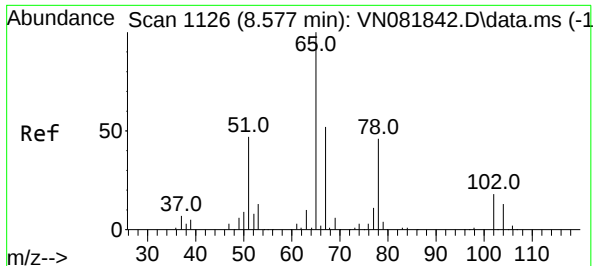


#32
1,1,1-Trichloroethane
Concen: 18.279 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53



Tgt Ion: 97 Resp: 90777
Ion Ratio Lower Upper
97 100
99 60.4 50.3 75.5
61 49.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 46.292 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

Tgt Ion: 65 Resp: 17011

Ion Ratio Lower Upper

65 100

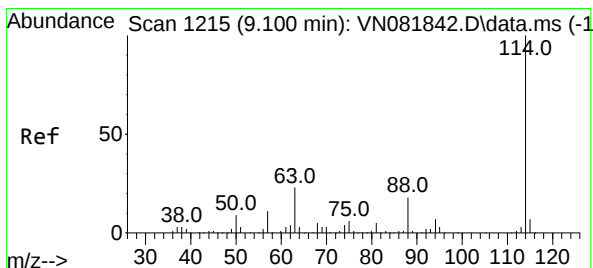
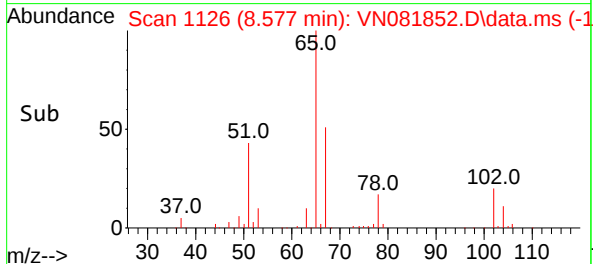
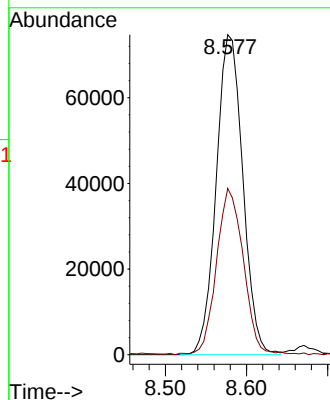
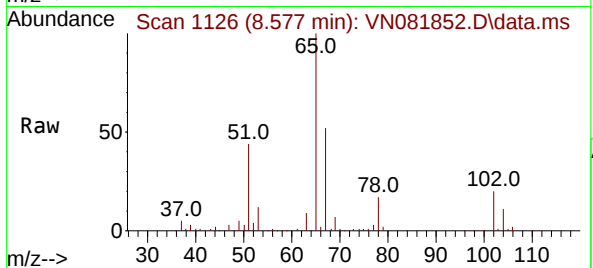
67 52.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

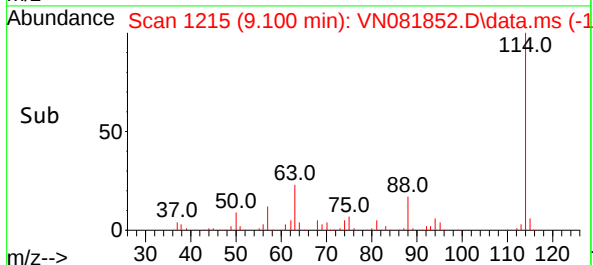
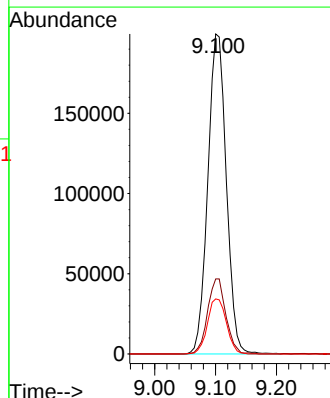
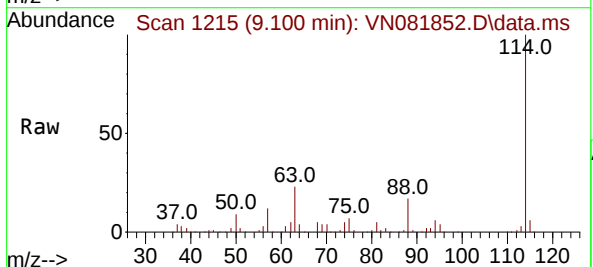
Tgt Ion:114 Resp: 420458

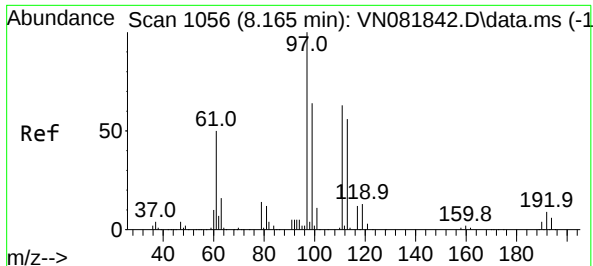
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

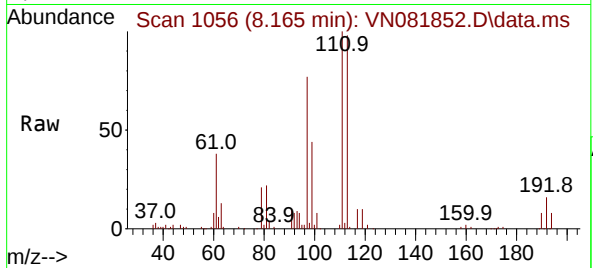
88 17.2 0.0 31.4





#35
Dibromofluoromethane
Concen: 45.018 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

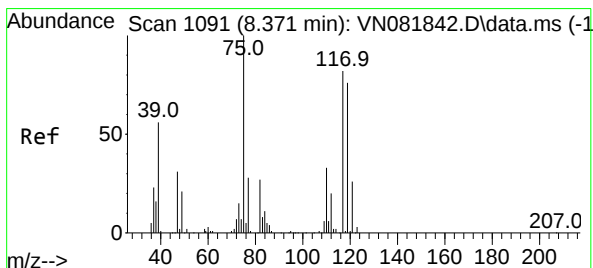
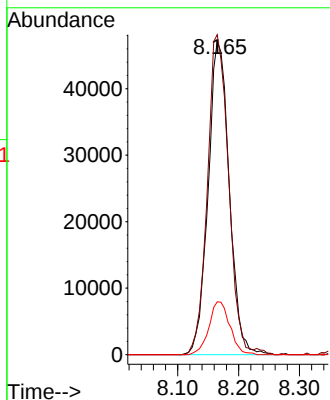
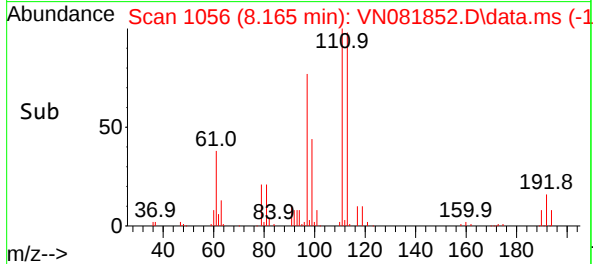
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



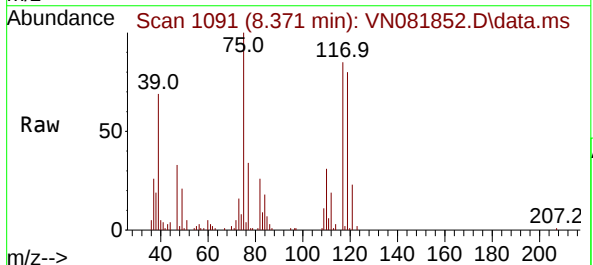
Tgt Ion: 113 Resp: 11396
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.2
192 16.7 14.0 21.0

Manual Integrations
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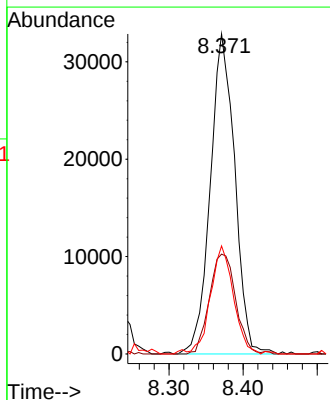
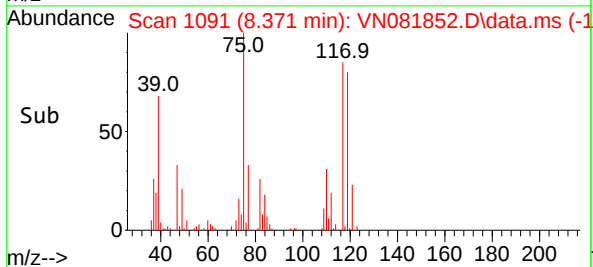
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

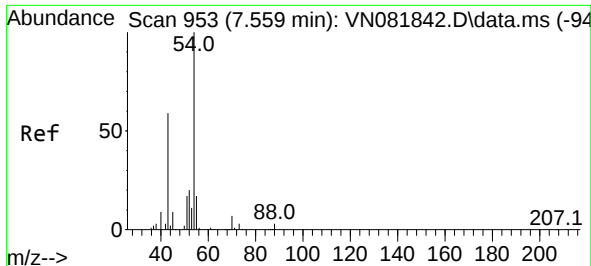


#36
1,1-Dichloropropene
Concen: 18.284 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53



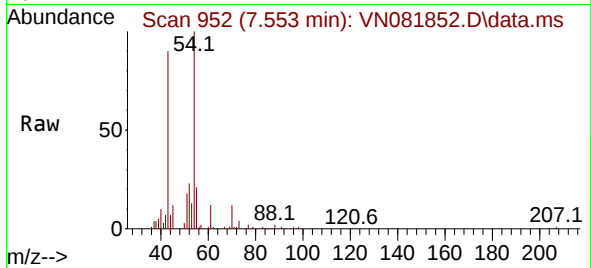
Tgt Ion: 75 Resp: 75301
Ion Ratio Lower Upper
75 100
110 33.7 17.8 53.5
77 31.9 25.0 37.4





#37
Ethyl Acetate
Concen: 20.066 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

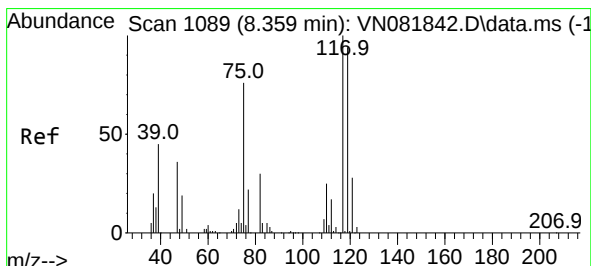
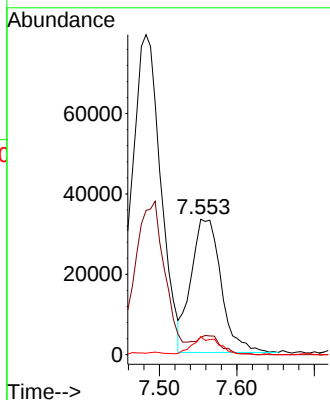
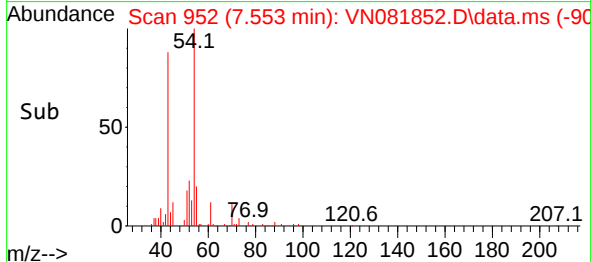
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 43 Resp: 8935
Ion Ratio Lower Upper
43 100
61 10.3 11.3 16.9
70 12.1 8.7 13.1

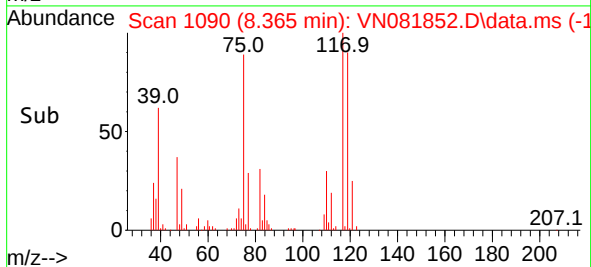
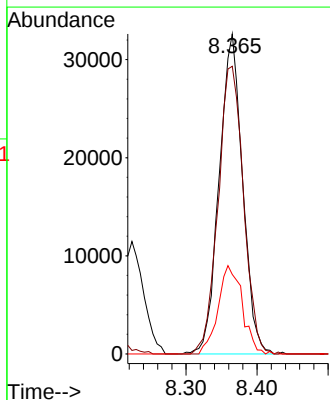
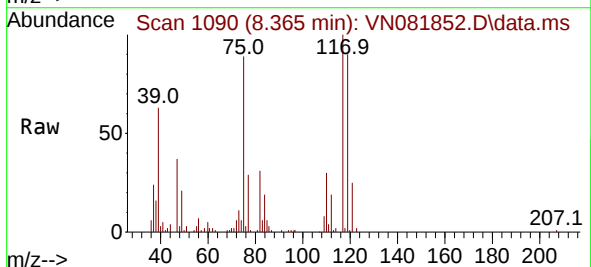
Manual Integrations
APPROVED

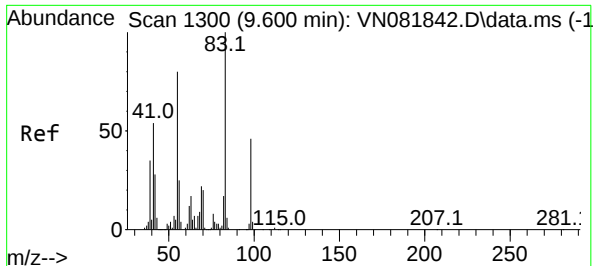
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#38
Carbon Tetrachloride
Concen: 18.511 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion:117 Resp: 74511
Ion Ratio Lower Upper
117 100
119 89.9 76.5 114.7
121 24.9 23.9 35.9





#39

Methylcyclohexane

Concen: 18.829 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

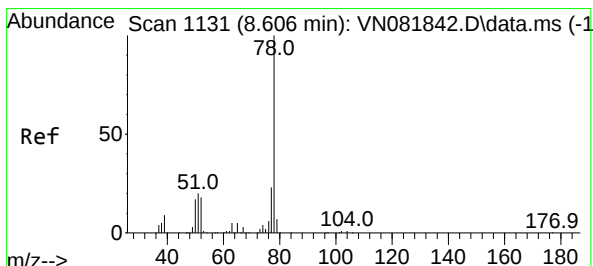
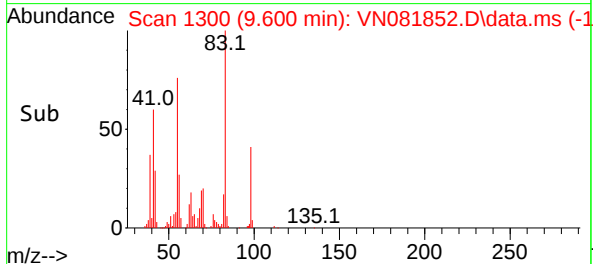
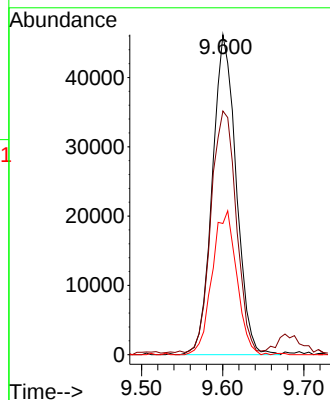
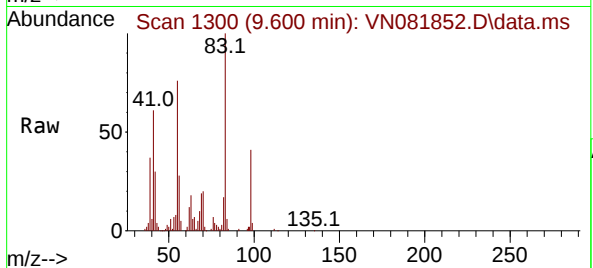
Tgt Ion: 83	Resp: 94180
Ion Ratio	Lower Upper
83 100	
55 75.0	53.0 79.6
98 41.0	37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#40

Benzene

Concen: 19.203 ug/l

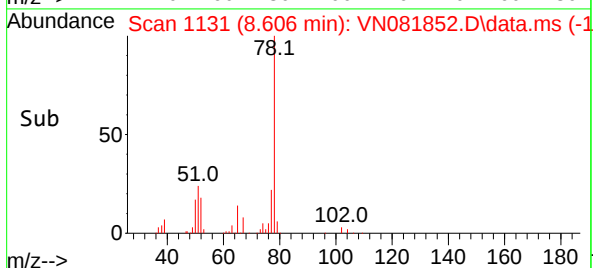
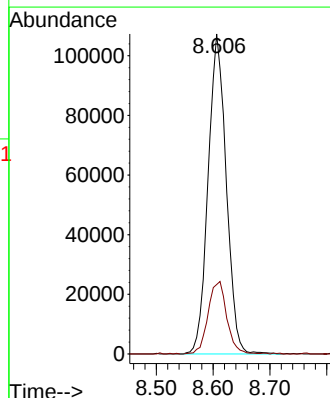
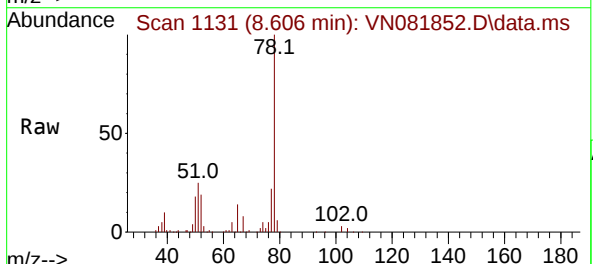
RT: 8.606 min Scan# 1131

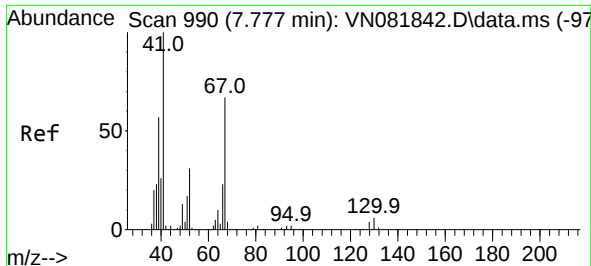
Delta R.T. 0.000 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

Tgt Ion: 78	Resp: 237417
Ion Ratio	Lower Upper
78 100	
77 21.7	20.0 30.0





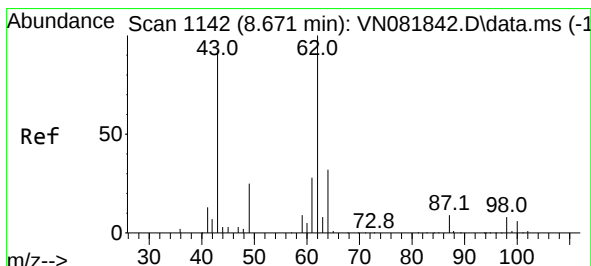
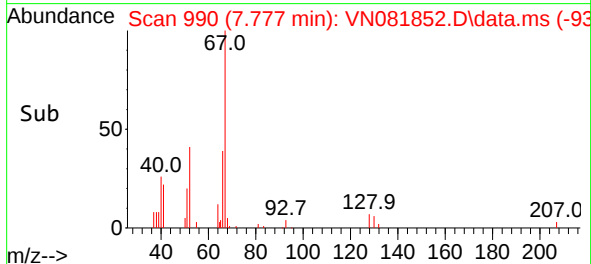
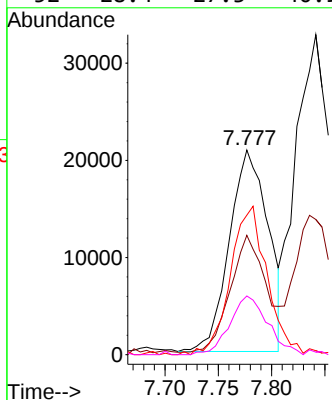
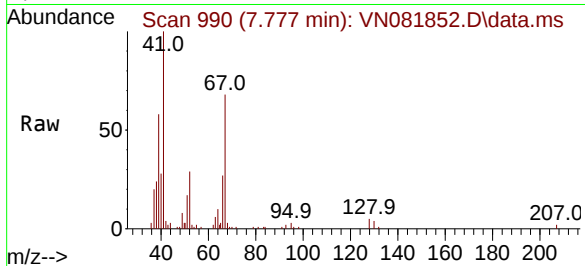
#41
Methacrylonitrile
Concen: 18.480 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 41	Resp: 5250
Ion Ratio	Lower Upper
41 100	
39 54.6	46.6 69.8
67 70.3	67.3 100.9
52 28.4	27.3 40.9

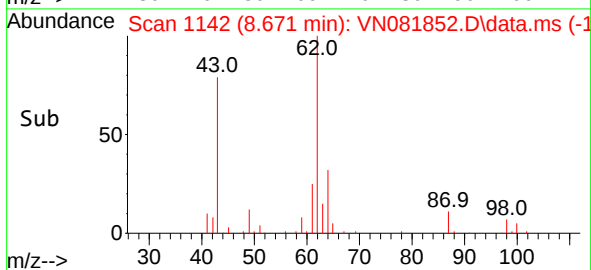
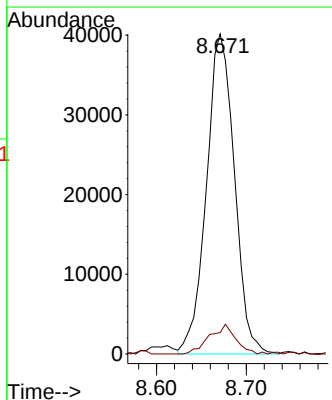
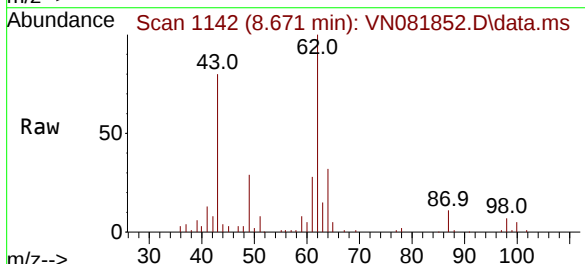
Manual Integrations
APPROVED

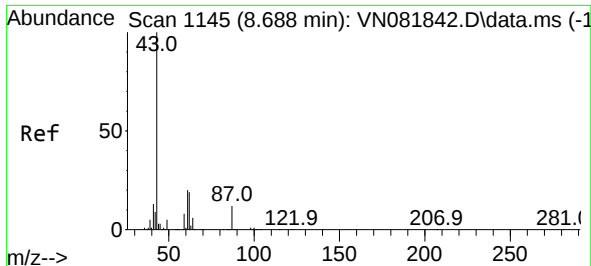
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#42
1,2-Dichloroethane
Concen: 18.953 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

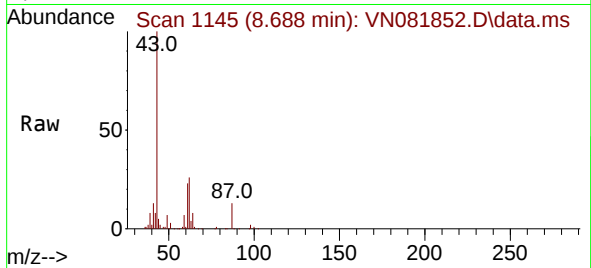
Tgt Ion: 62	Resp: 87012
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 19.6





#43
Isopropyl Acetate
Concen: 19.429 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

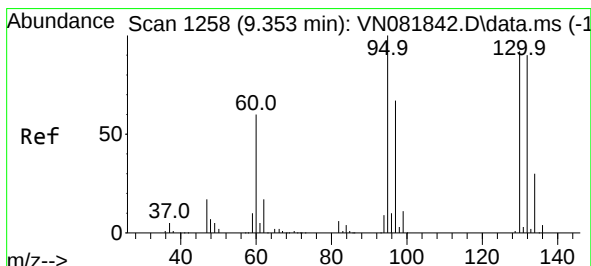
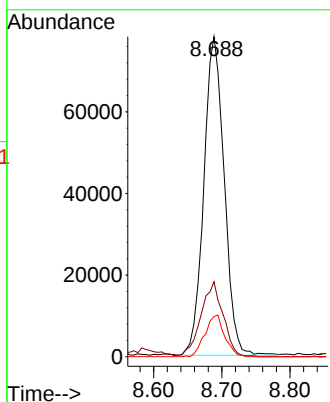
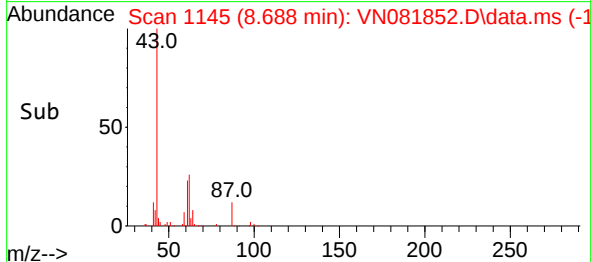
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 43 Resp: 16267
Ion Ratio Lower Upper
43 100
61 25.6 22.8 34.2
87 12.6 12.0 18.0

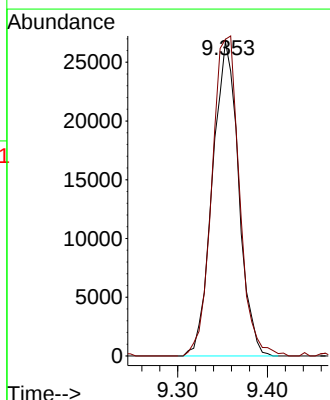
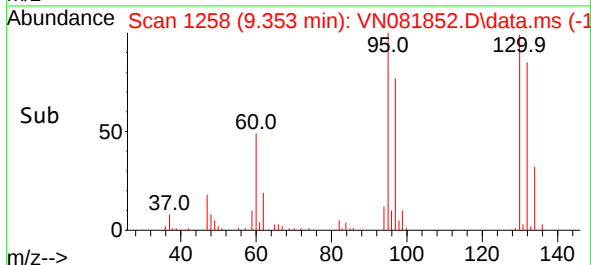
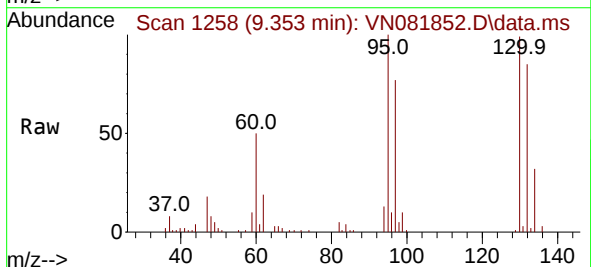
Manual Integrations
APPROVED

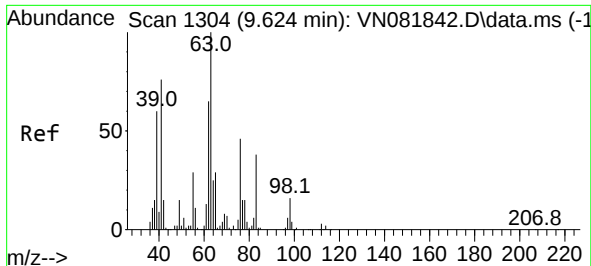
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#44
Trichloroethene
Concen: 18.955 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion:130 Resp: 54030
Ion Ratio Lower Upper
130 100
95 100.7 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.688 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

Tgt Ion: 63 Resp: 6370

Ion Ratio Lower Upper

63 100

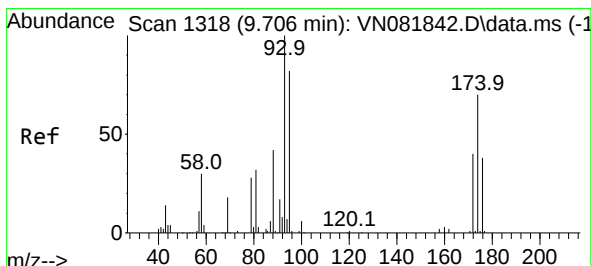
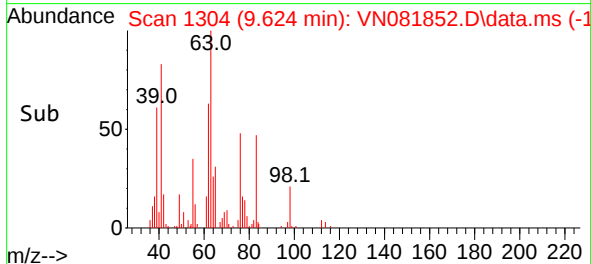
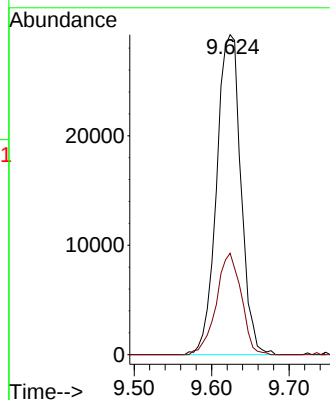
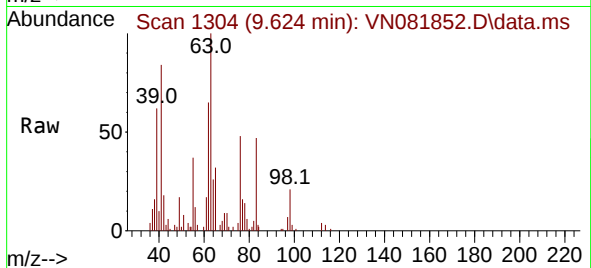
65 31.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#46

Dibromomethane

Concen: 18.195 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

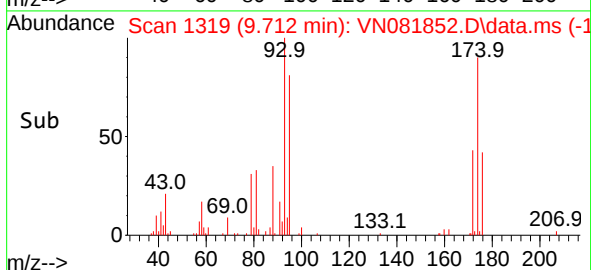
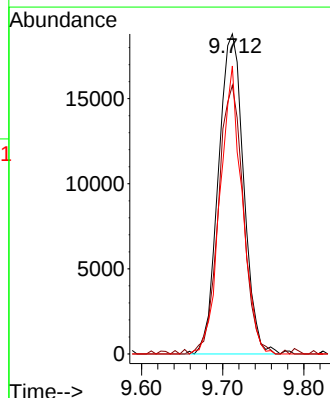
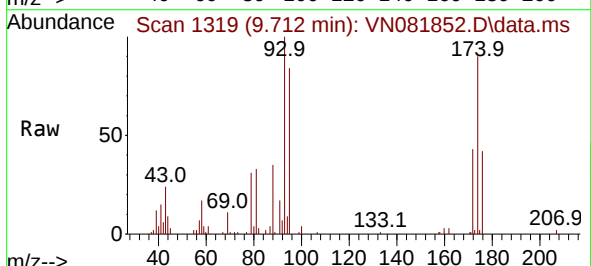
Tgt Ion: 93 Resp: 40692

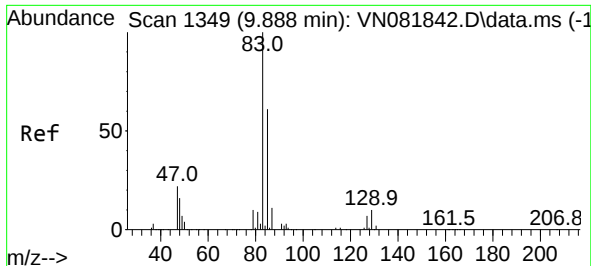
Ion Ratio Lower Upper

93 100

95 82.8 64.8 97.2

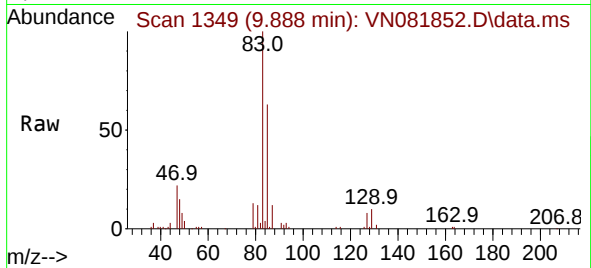
174 78.9 73.4 110.0





#47
Bromodichloromethane
Concen: 19.041 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

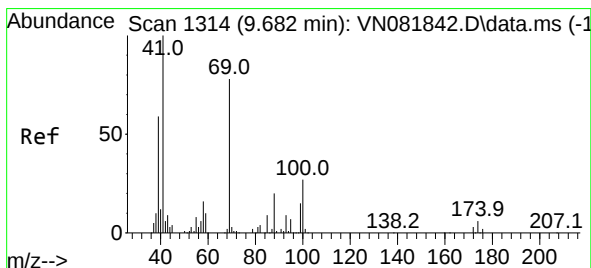
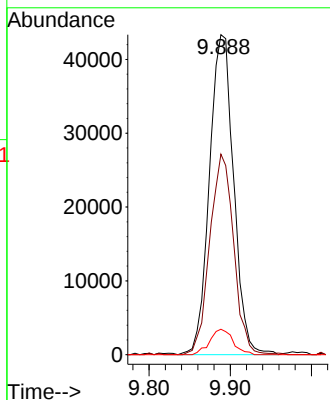
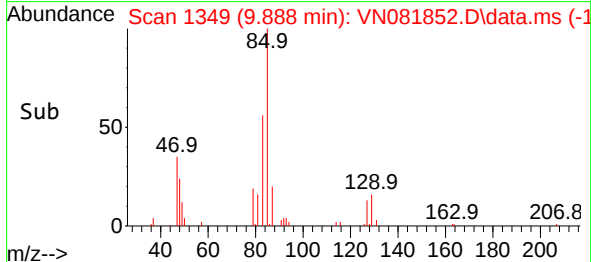
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



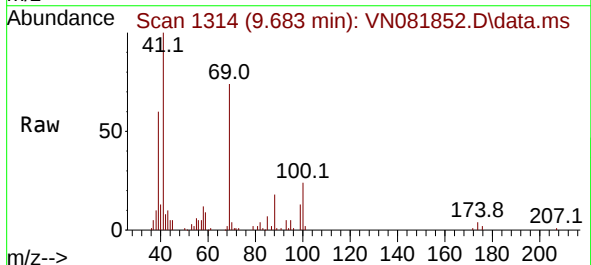
Tgt Ion: 83 Resp: 8980
Ion Ratio Lower Upper
83 100
85 62.7 51.9 77.9
127 8.0 7.5 11.3

Manual Integrations
APPROVED

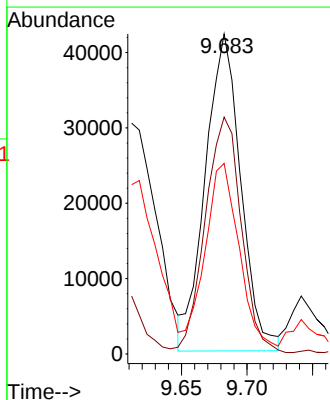
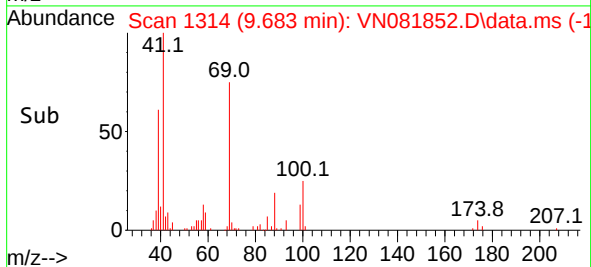
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

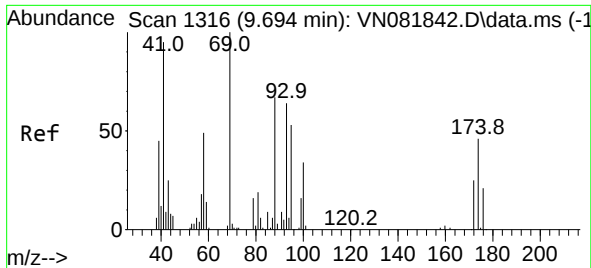


#48
Methyl methacrylate
Concen: 19.824 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53



Tgt Ion: 41 Resp: 79237
Ion Ratio Lower Upper
41 100
69 75.7 77.9 116.9#
39 60.1 50.9 76.3





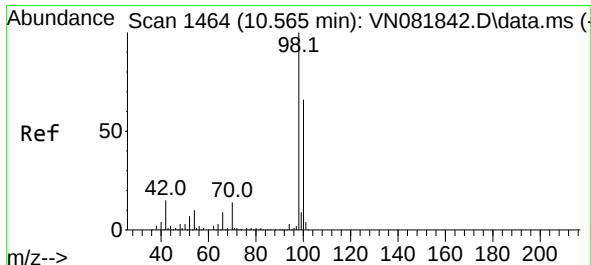
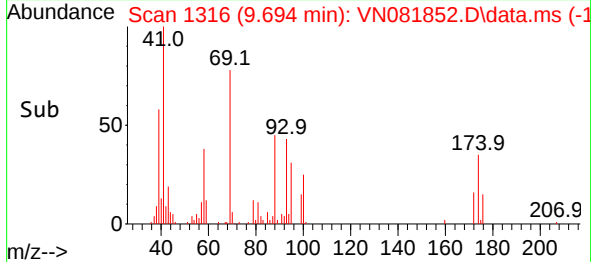
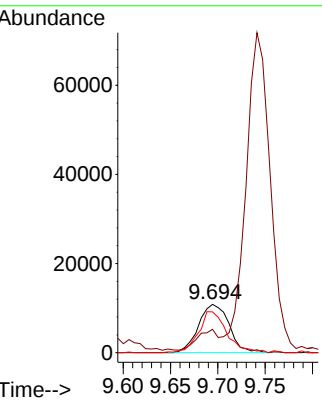
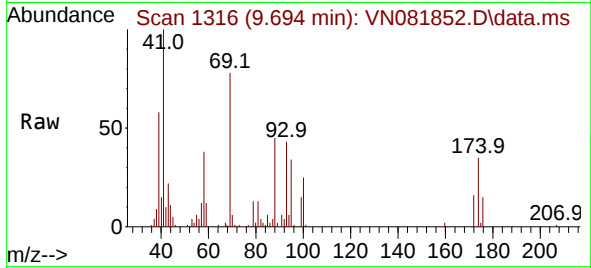
#49
1,4-Dioxane
Concen: 400.123 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 88 Resp: 24308
Ion Ratio Lower Upper
88 100
43 29.0 19.0 28.6
58 78.6 50.6 76.0

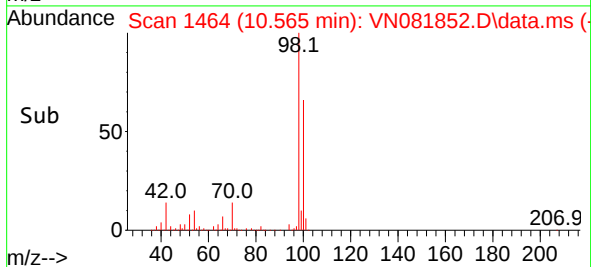
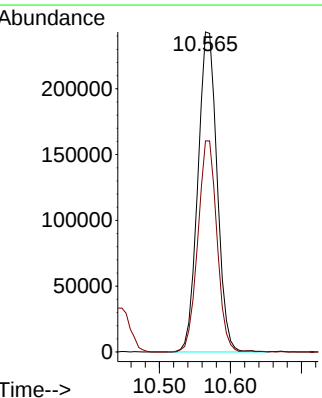
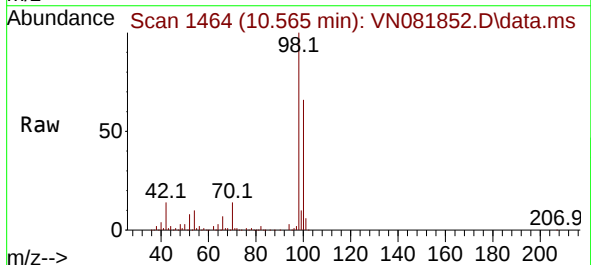
Manual Integrations
APPROVED

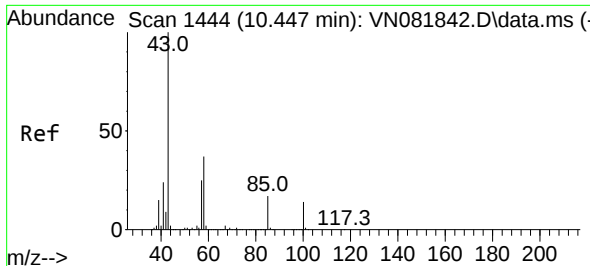
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#50
Toluene-d8
Concen: 45.852 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

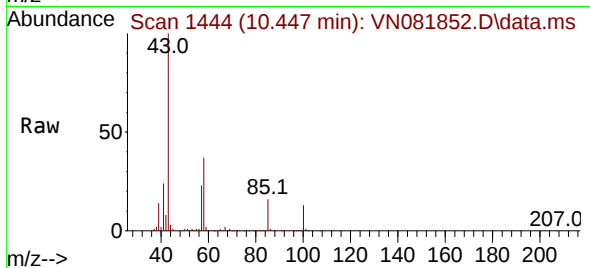
Tgt Ion: 98 Resp: 455874
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 99.232 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

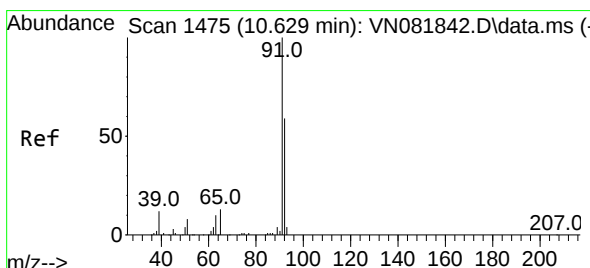
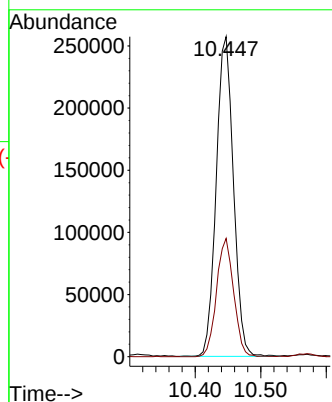
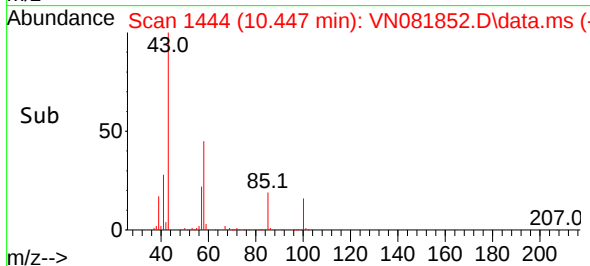
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 43 Resp: 467720
Ion Ratio Lower Upper
43 100
58 36.9 33.2 49.8

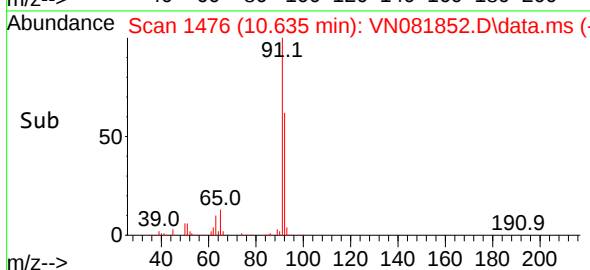
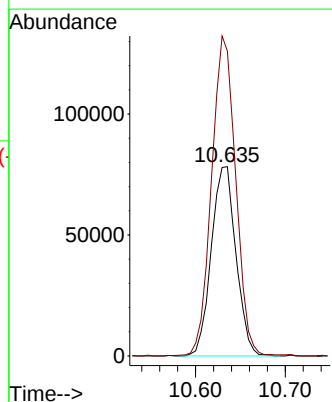
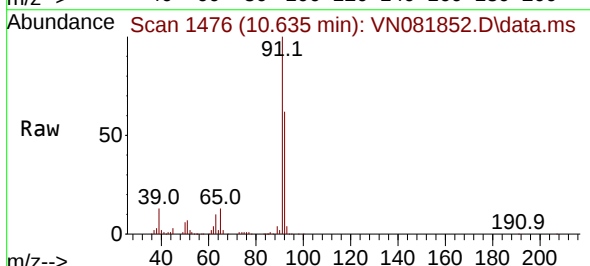
Manual Integrations
APPROVED

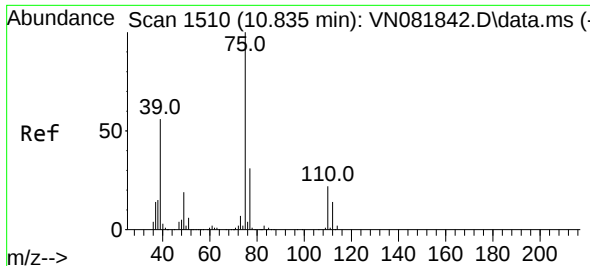
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#52
Toluene
Concen: 20.162 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion: 92 Resp: 149280
Ion Ratio Lower Upper
92 100
91 166.0 136.7 205.1





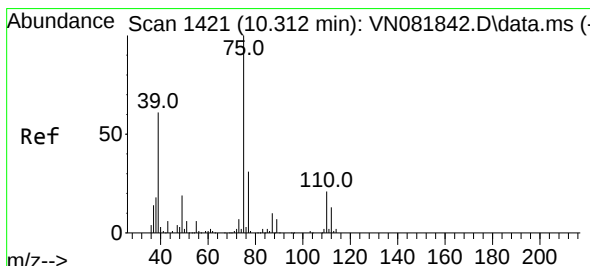
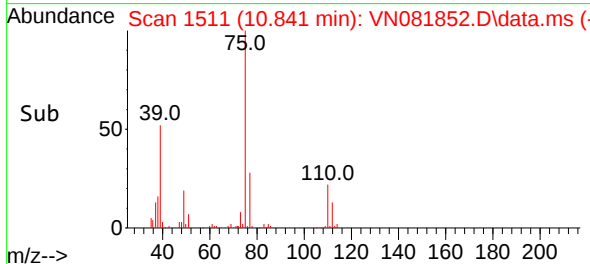
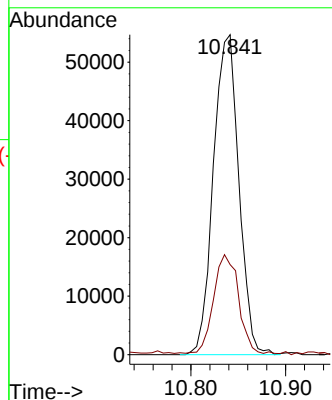
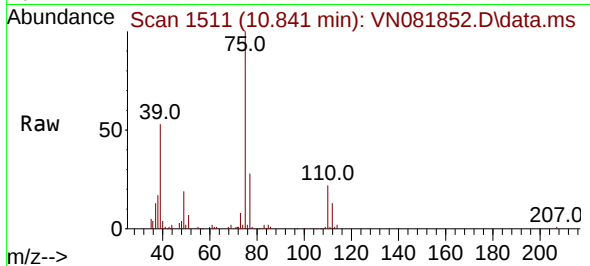
#53
t-1,3-Dichloropropene
Concen: 19.904 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 75 Resp: 102148
Ion Ratio Lower Upper
75 100
77 27.8 25.4 38.0

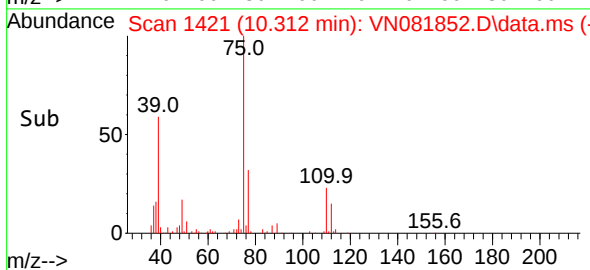
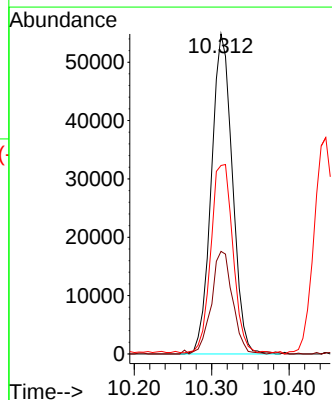
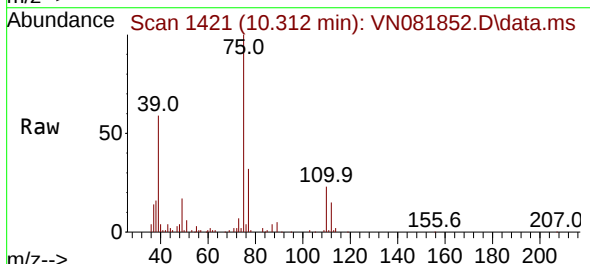
Manual Integrations
APPROVED

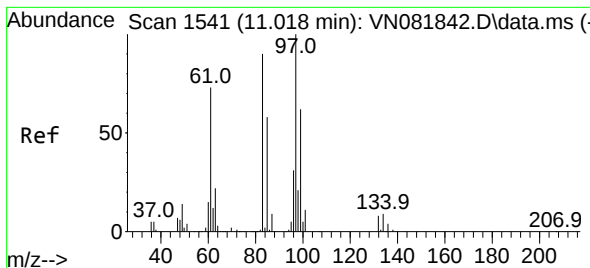
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#54
cis-1,3-Dichloropropene
Concen: 19.604 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

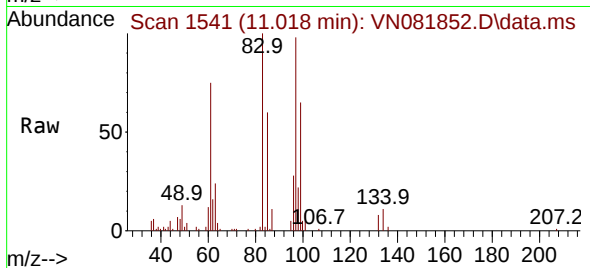
Tgt Ion: 75 Resp: 103691
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4
39 58.4 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 18.894 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

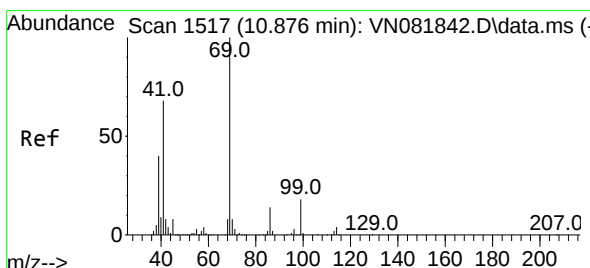
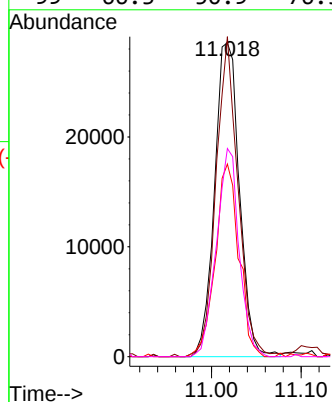
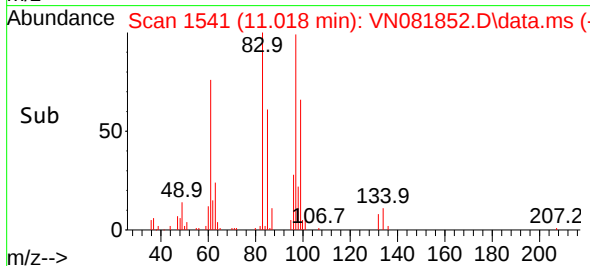
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



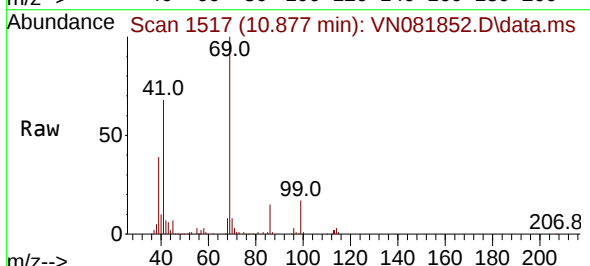
Tgt Ion:	97	Resp:	5501
Ion Ratio	100	Lower	Upper
97	100		
83	101.9	70.4	105.6
85	61.4	45.6	68.4
99	66.3	50.9	76.3

Manual Integrations
APPROVED

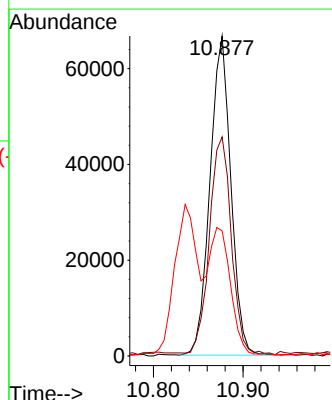
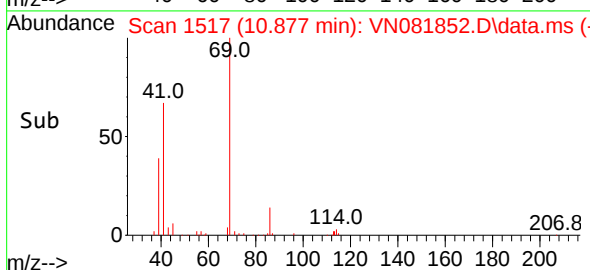
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

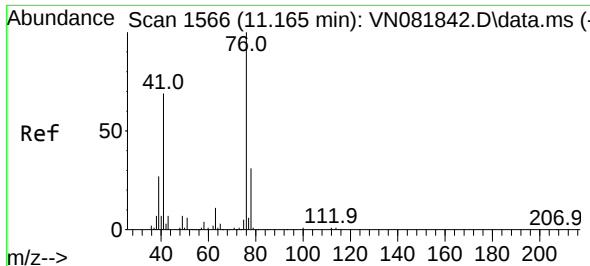


#56
Ethyl methacrylate
Concen: 19.425 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53



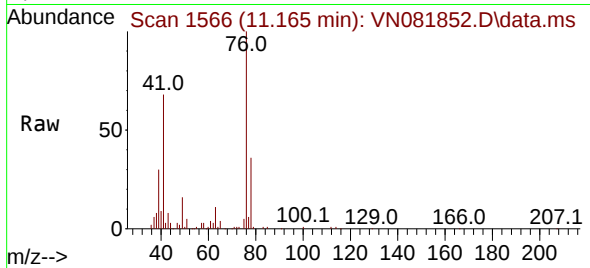
Tgt Ion:	69	Resp:	107702
Ion Ratio	100	Lower	Upper
69	100		
41	71.8	46.6	70.0#
39	42.6	26.5	39.7#





#57
1,3-Dichloropropane
Concen: 19.795 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

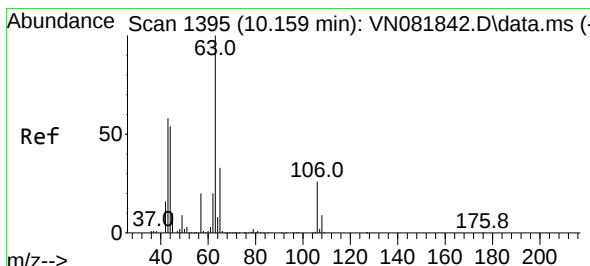
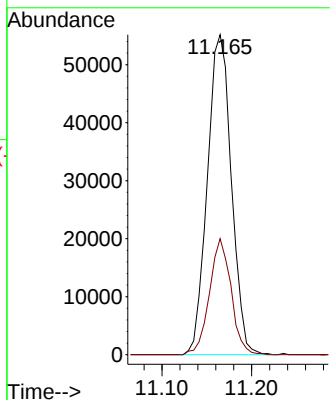
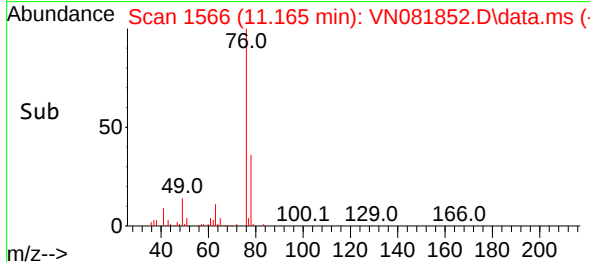
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 76 Resp: 10247
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

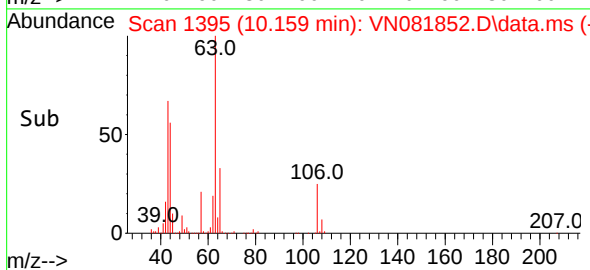
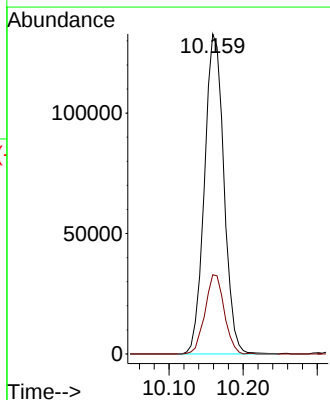
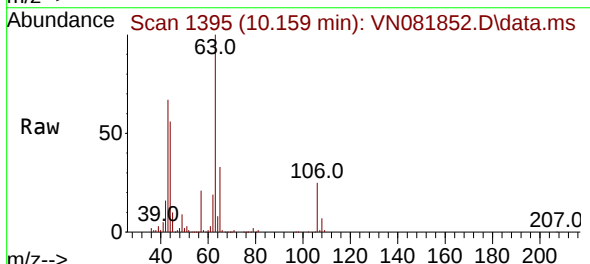
Manual Integrations
APPROVED

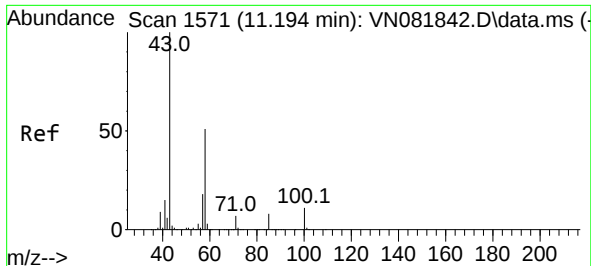
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 95.704 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

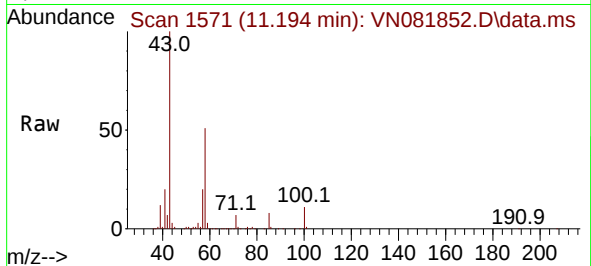
Tgt Ion: 63 Resp: 241738
Ion Ratio Lower Upper
63 100
106 24.6 24.6 36.8





#59
2-Hexanone
Concen: 99.932 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

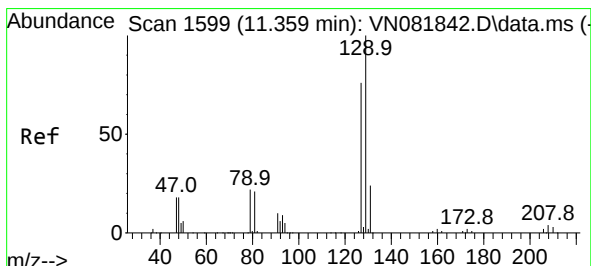
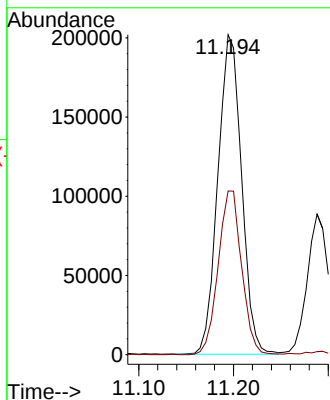
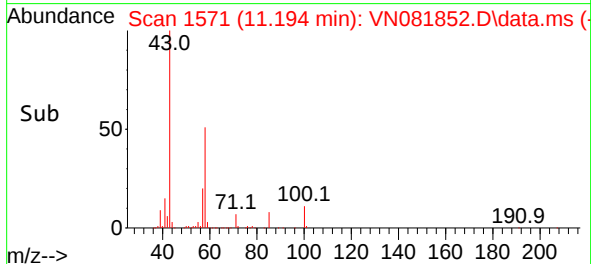
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 43 Resp: 350530
Ion Ratio Lower Upper
43 100
58 50.8 28.3 84.9

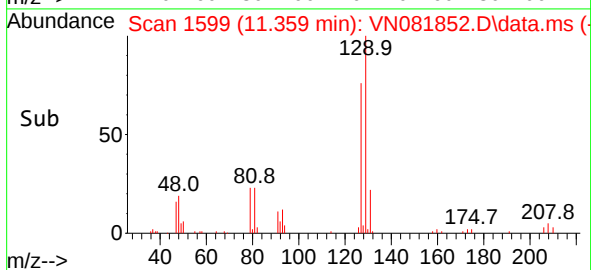
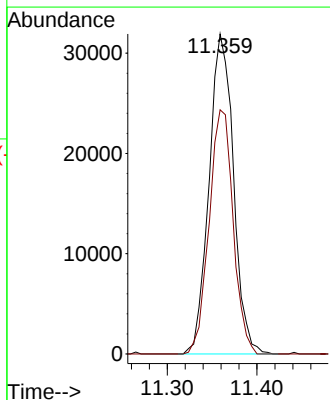
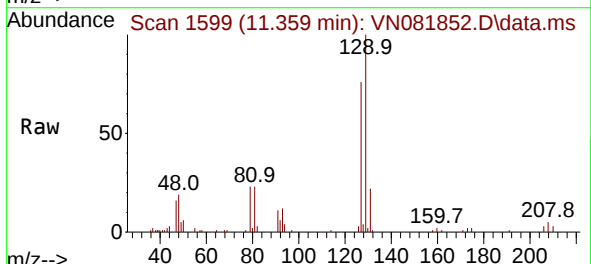
Manual Integrations
APPROVED

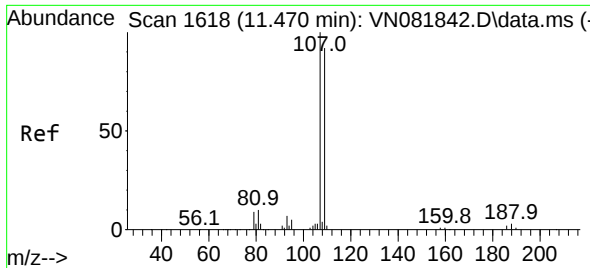
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#60
Dibromochloromethane
Concen: 19.525 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

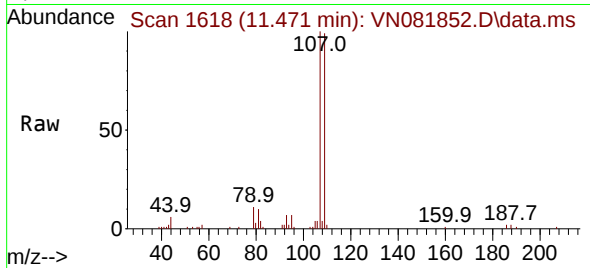
Tgt Ion:129 Resp: 60216
Ion Ratio Lower Upper
129 100
127 75.0 38.3 114.8





#61
1,2-Dibromoethane
Concen: 19.561 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

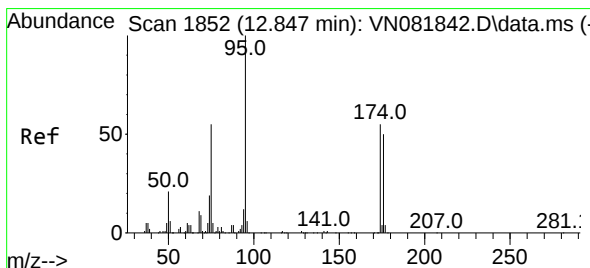
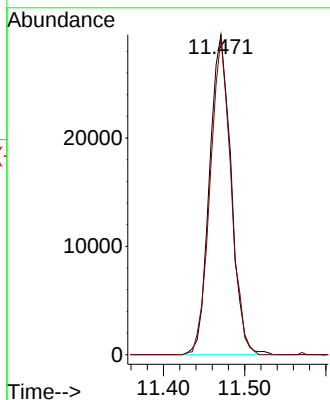
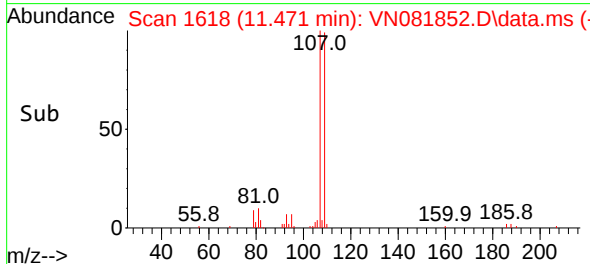
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



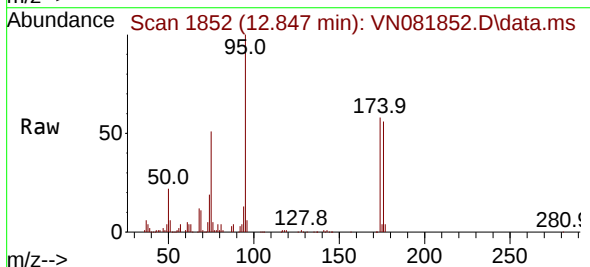
Tgt Ion:107 Resp: 54469
Ion Ratio Lower Upper
107 100
109 95.6 75.8 113.6

Manual Integrations
APPROVED

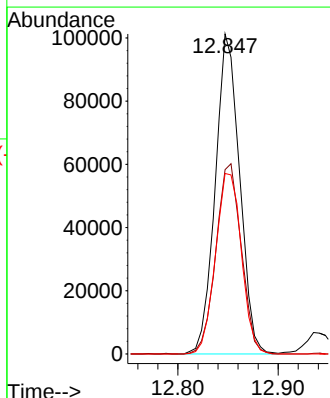
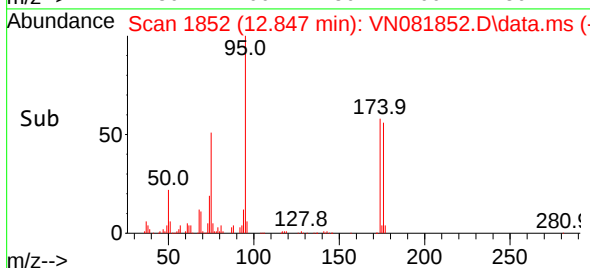
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

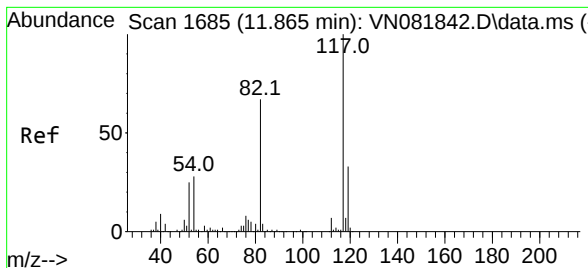


#62
4-Bromofluorobenzene
Concen: 43.386 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53



Tgt Ion: 95 Resp: 170518
Ion Ratio Lower Upper
95 100
174 61.9 0.0 160.6
176 59.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

Tgt Ion:117 Resp: 355510

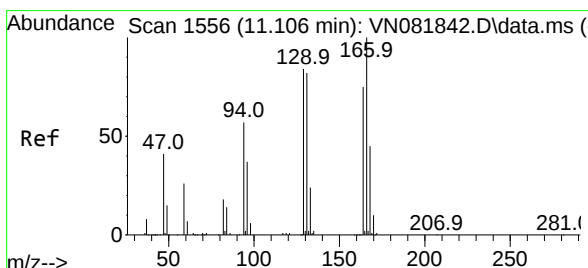
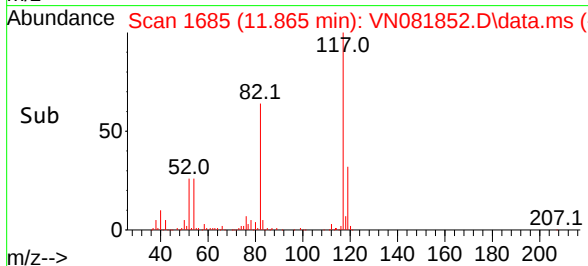
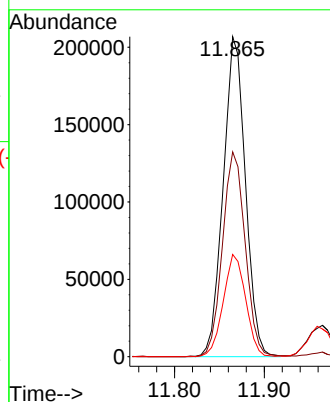
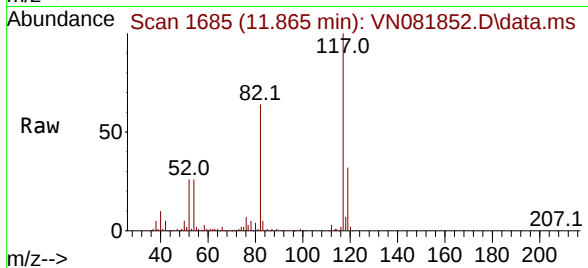
Ion	Ratio	Lower	Upper
117	100		
82	64.0	44.6	66.8
119	32.0	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#64

Tetrachloroethene

Concen: 20.270 ug/l

RT: 11.106 min Scan# 1556

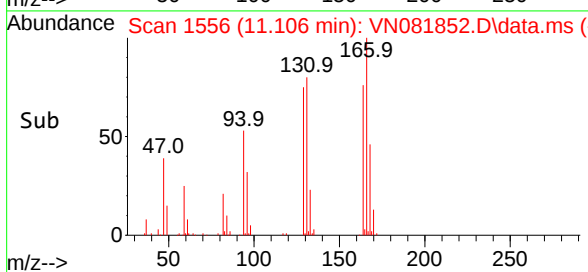
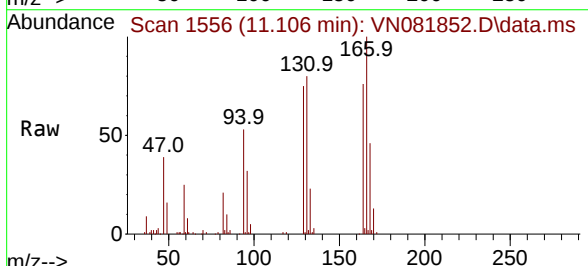
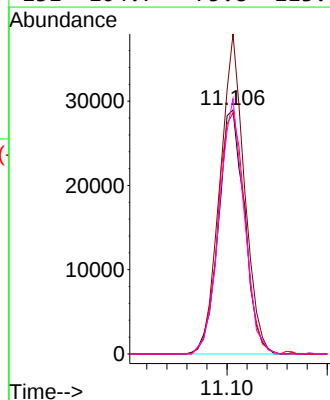
Delta R.T. 0.000 min

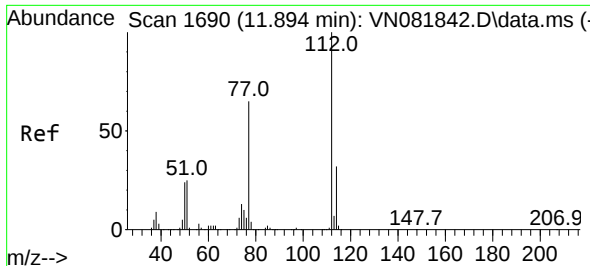
Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

Tgt Ion:164 Resp: 52340

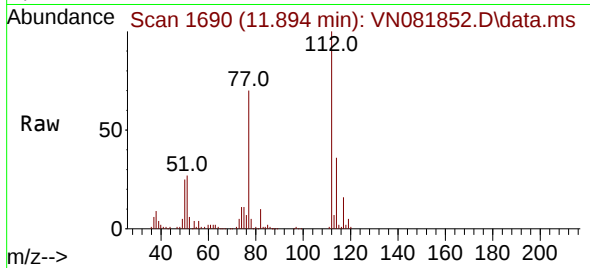
Ion	Ratio	Lower	Upper
164	100		
166	131.2	97.6	146.4
129	98.9	73.7	110.5
131	104.7	75.8	113.6





#65
Chlorobenzene
Concen: 19.585 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

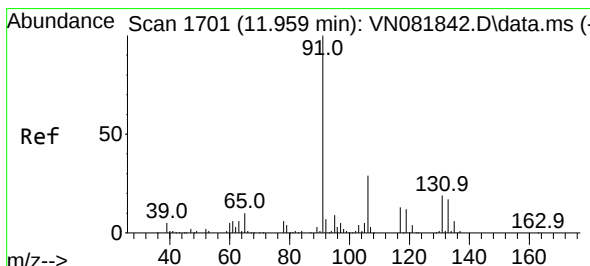
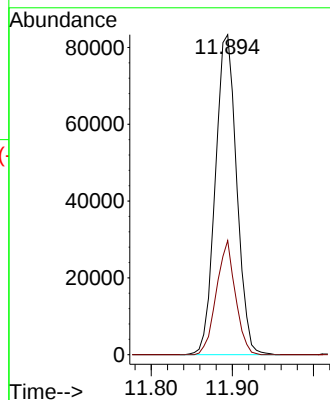
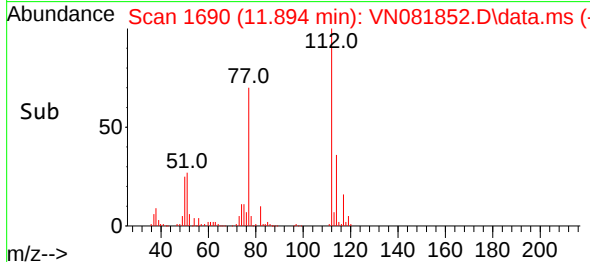
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



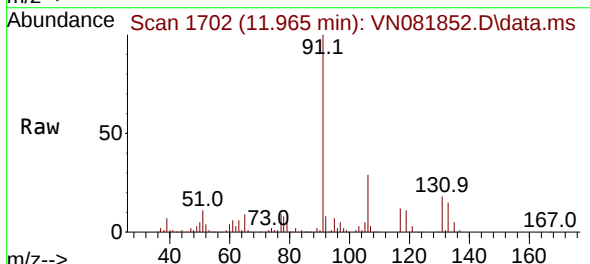
Tgt Ion:112 Resp: 15205
Ion Ratio Lower Upper
112 100
114 35.6 25.7 38.5

Manual Integrations
APPROVED

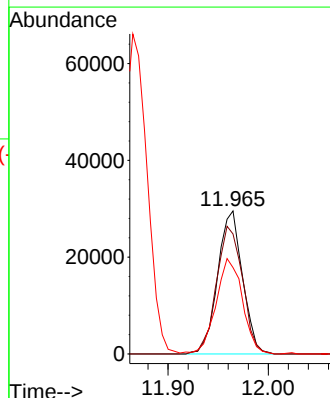
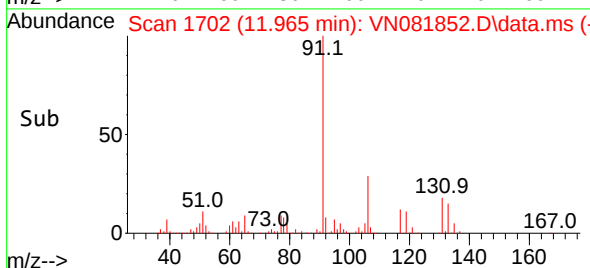
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

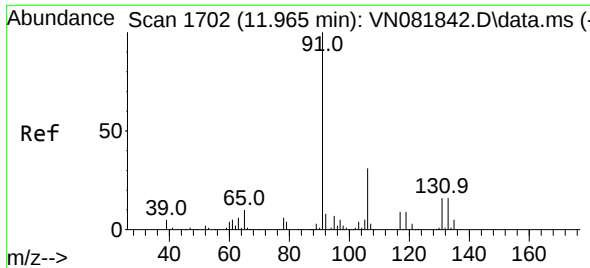


#66
1,1,1,2-Tetrachloroethane
Concen: 20.153 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53



Tgt Ion:131 Resp: 50850
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.6
119 71.0 32.9 98.7





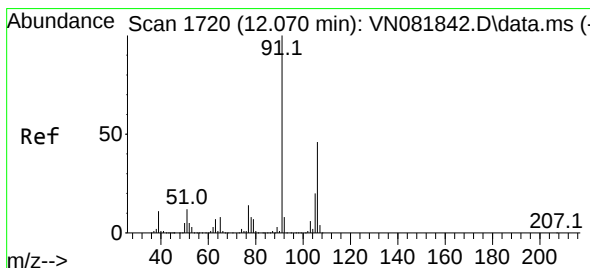
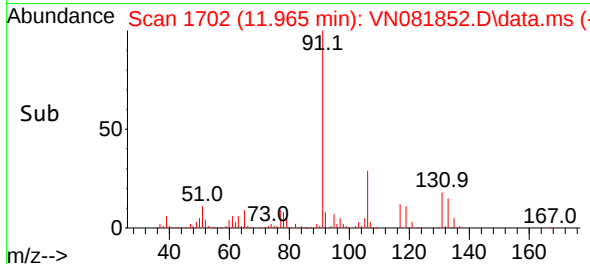
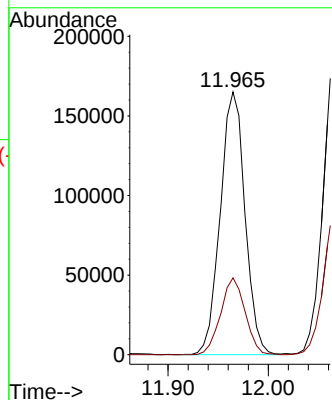
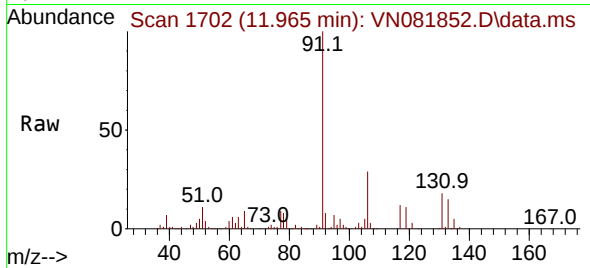
#67
Ethyl Benzene
Concen: 19.586 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 91 Resp: 28278
Ion Ratio Lower Upper
91 100
106 29.2 25.3 37.9

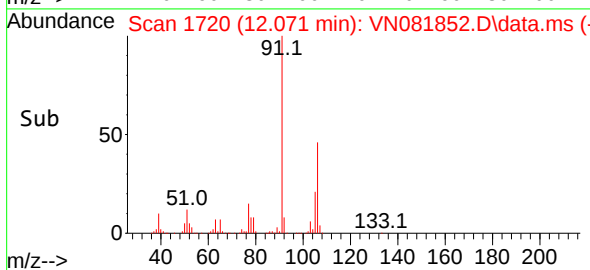
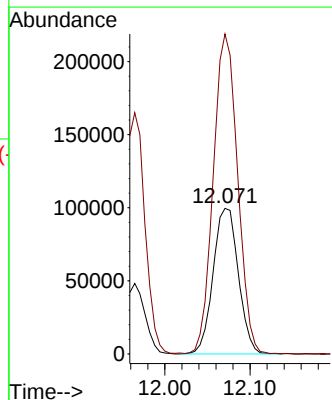
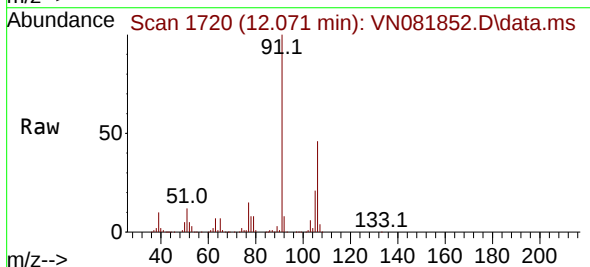
Manual Integrations
APPROVED

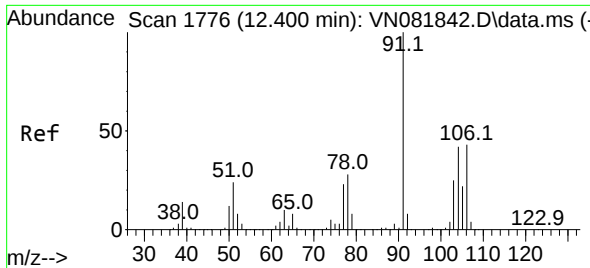
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#68
m/p-Xylenes
Concen: 39.781 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion:106 Resp: 204878
Ion Ratio Lower Upper
106 100
91 212.7 159.4 239.0





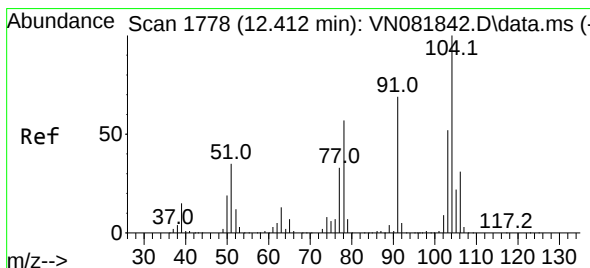
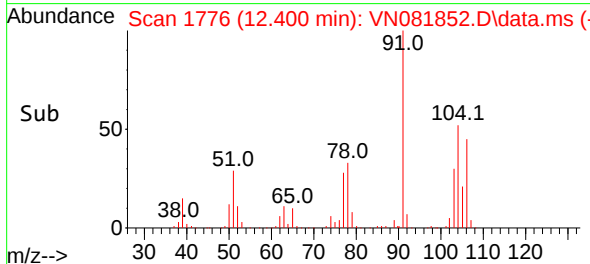
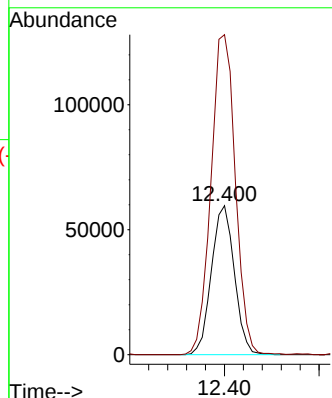
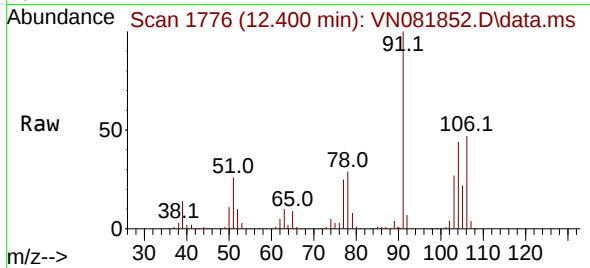
#69
o-Xylene
Concen: 19.937 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:106 Resp: 100245
Ion Ratio Lower Upper
106 100
91 228.7 104.7 314.1

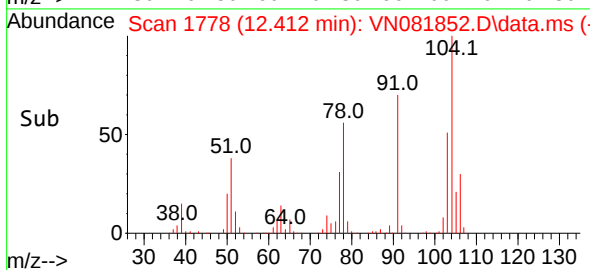
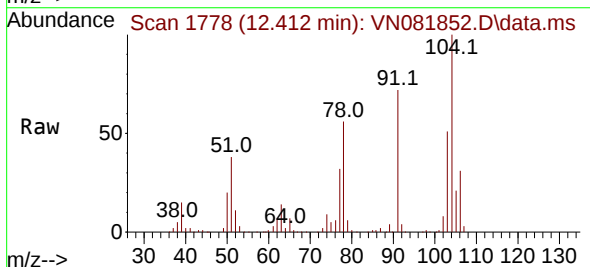
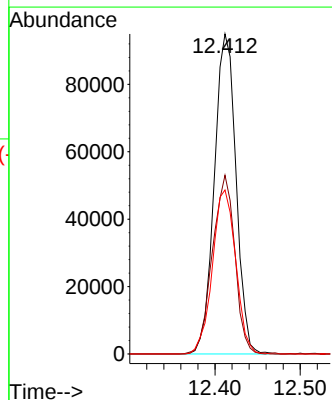
Manual Integrations
APPROVED

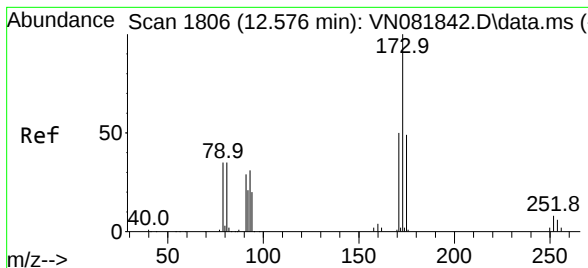
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#70
Styrene
Concen: 19.321 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion:104 Resp: 168052
Ion Ratio Lower Upper
104 100
78 57.5 38.6 58.0
103 54.9 43.8 65.6





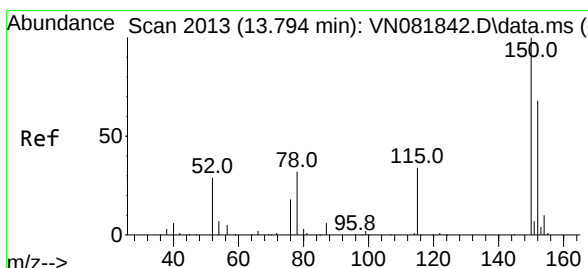
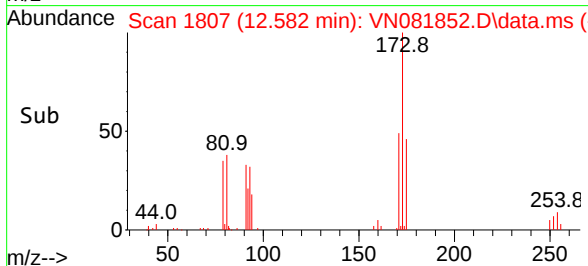
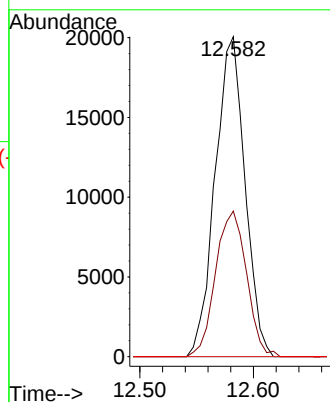
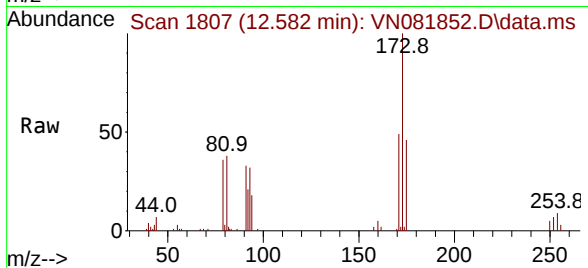
#71
Bromoform
Concen: 18.442 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:173 Resp: 36582
Ion Ratio Lower Upper
173 100
175 47.2 24.6 74.0
254 0.0 0.0 0.0

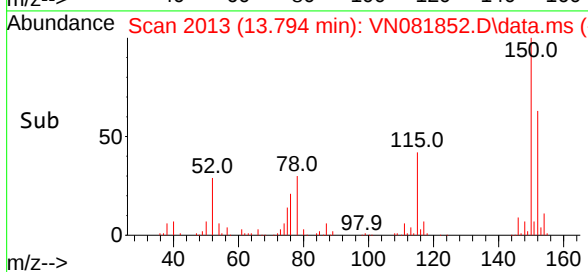
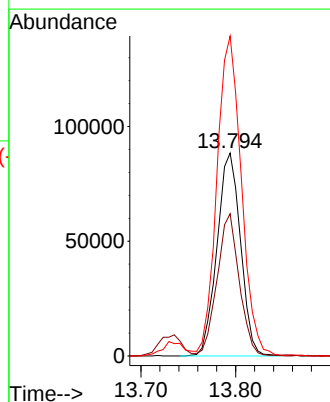
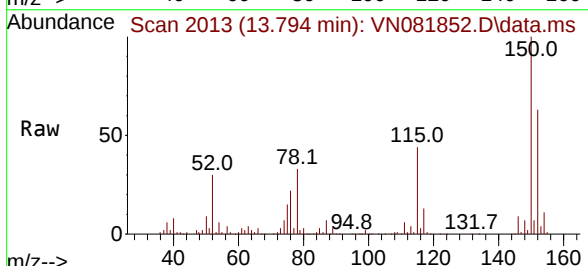
Manual Integrations
APPROVED

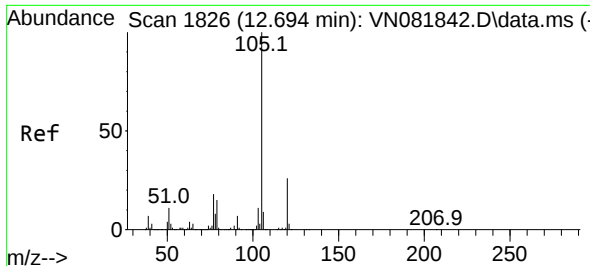
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

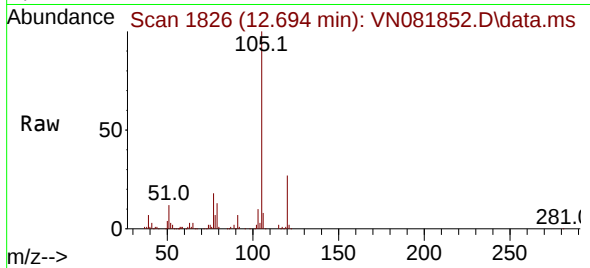
Tgt Ion:152 Resp: 152445
Ion Ratio Lower Upper
152 100
115 66.3 30.4 91.3
150 163.0 0.0 353.2





#73
Isopropylbenzene
Concen: 18.699 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

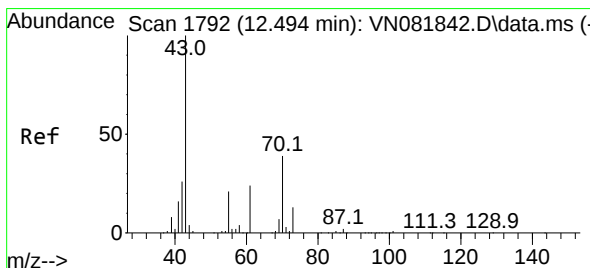
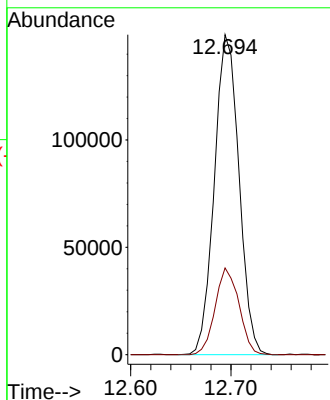
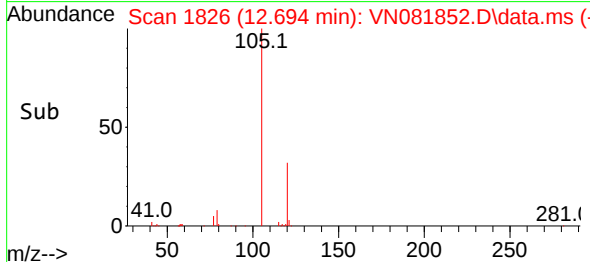
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion:105 Resp: 253438
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

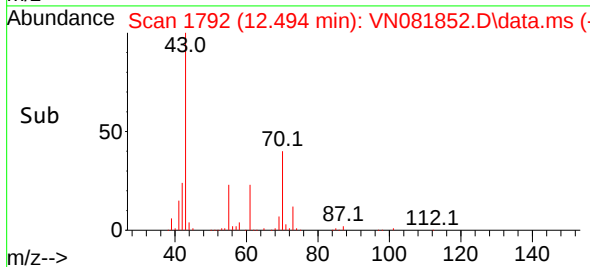
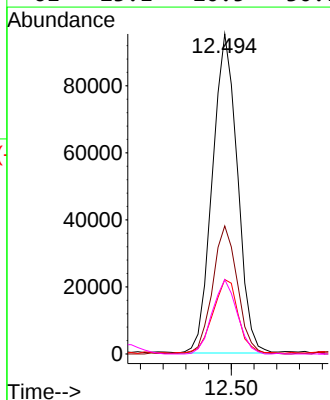
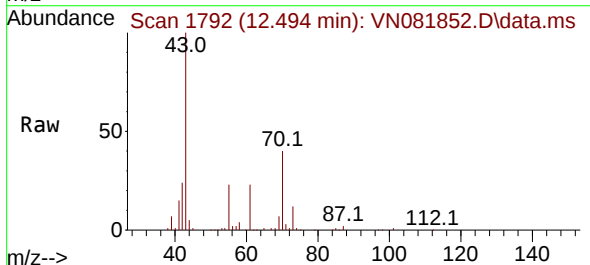
Manual Integrations
APPROVED

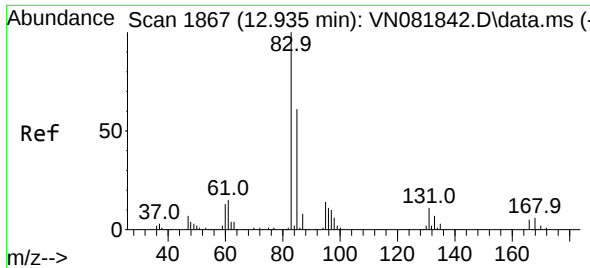
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#74
N-ethyl acetate
Concen: 19.339 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion: 43 Resp: 145933
Ion Ratio Lower Upper
43 100
70 39.9 39.0 58.4
55 23.5 21.3 31.9
61 23.1 20.5 30.7





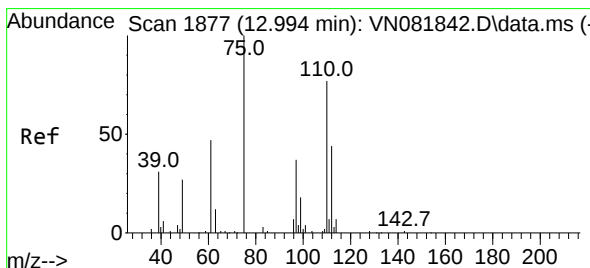
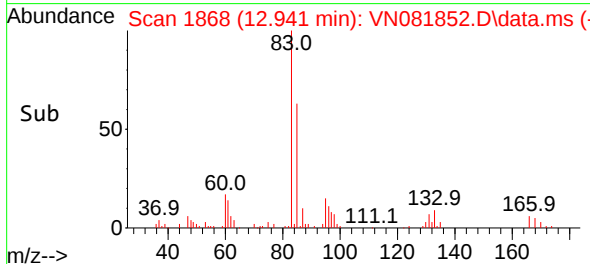
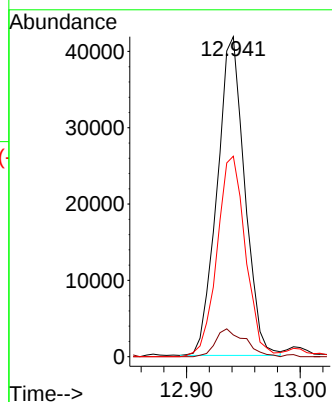
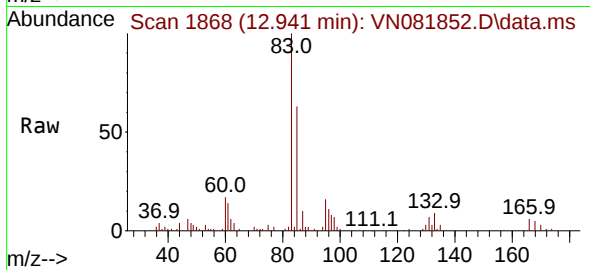
#75
1,1,2,2-Tetrachloroethane
Concen: 17.321 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 83 Resp: 7050
Ion Ratio Lower Upper
83 100
131 9.3 5.5 16.4
85 64.9 32.9 98.6

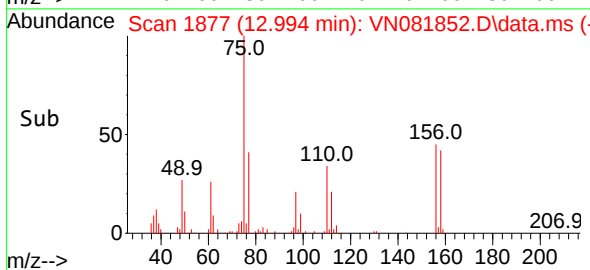
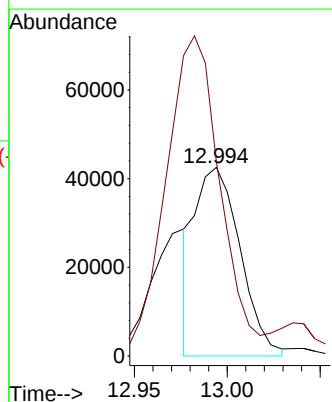
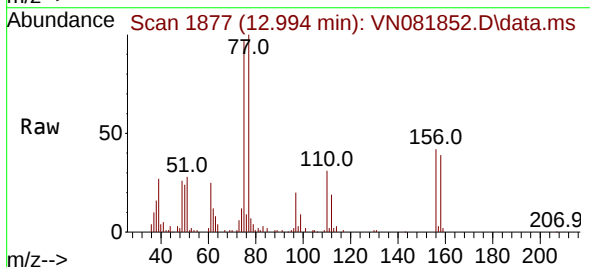
Manual Integrations
APPROVED

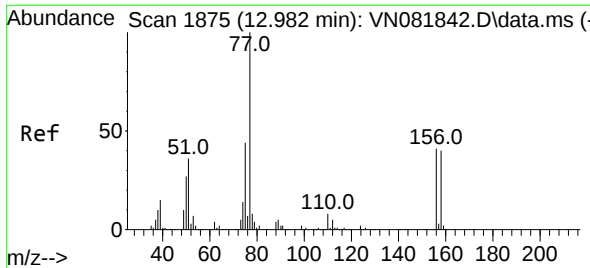
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#76
1,2,3-Trichloropropane
Concen: 18.159 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion: 75 Resp: 71775
Ion Ratio Lower Upper
75 100
77 204.3 90.5 271.3





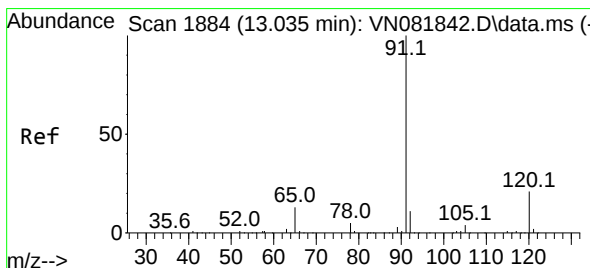
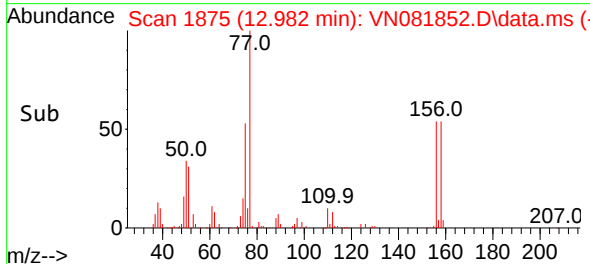
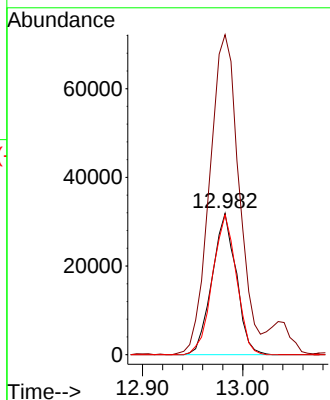
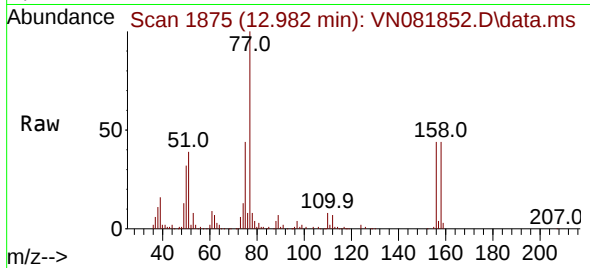
#77
Bromobenzene
Concen: 18.750 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:156 Resp: 53180
Ion Ratio Lower Upper
156 100
77 275.7 100.2 300.6
158 98.4 49.1 147.3

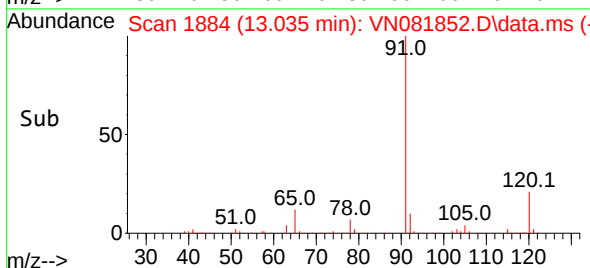
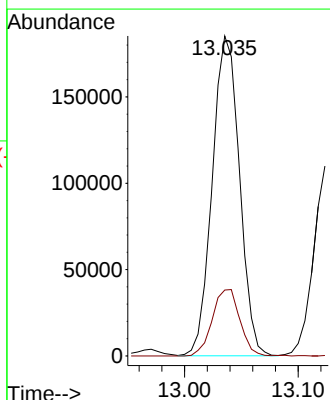
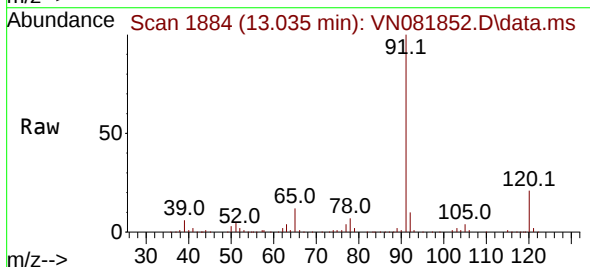
Manual Integrations
APPROVED

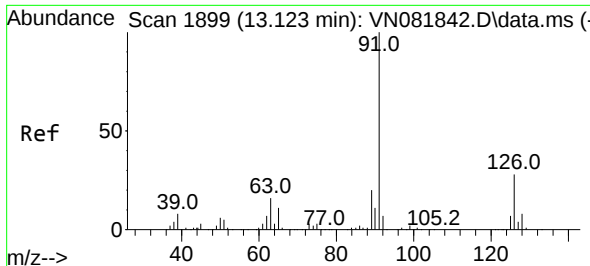
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#78
n-propylbenzene
Concen: 18.747 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion: 91 Resp: 308640
Ion Ratio Lower Upper
91 100
120 21.1 11.7 35.0





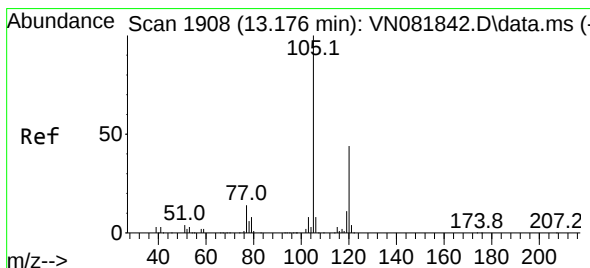
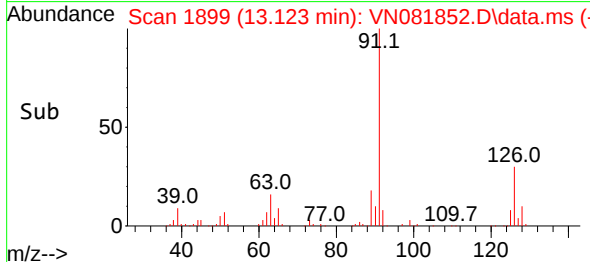
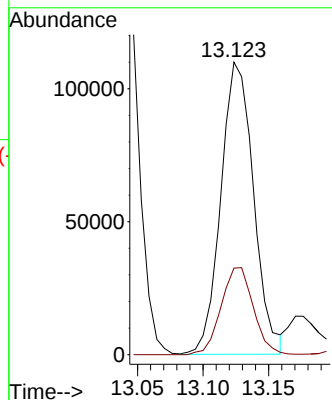
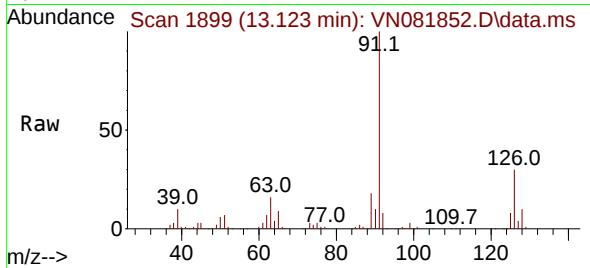
#79
2-Chlorotoluene
Concen: 18.221 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 91 Resp: 19085
Ion Ratio Lower Upper
91 100
126 29.4 17.5 52.5

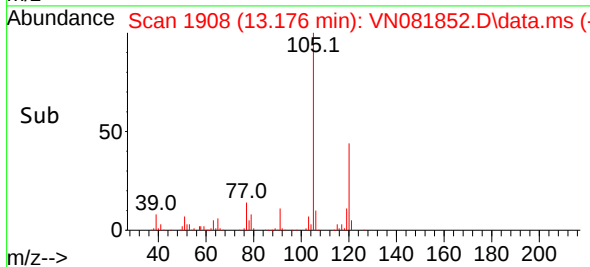
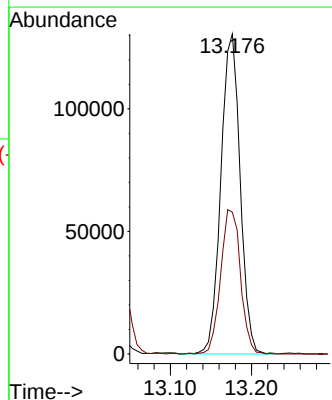
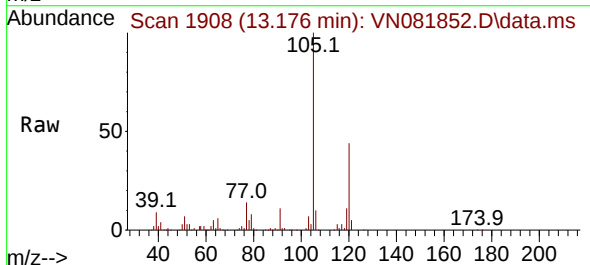
Manual Integrations
APPROVED

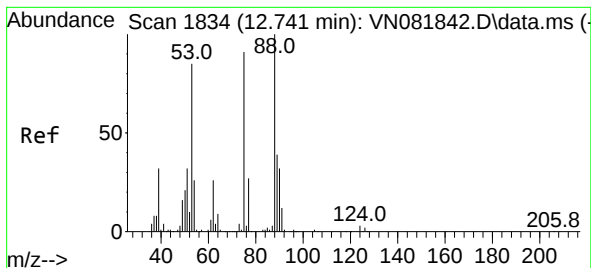
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.773 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

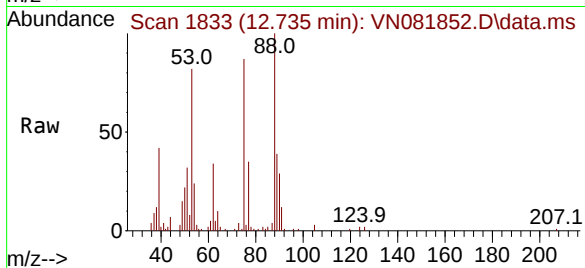
Tgt Ion:105 Resp: 215312
Ion Ratio Lower Upper
105 100
120 46.4 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.602 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

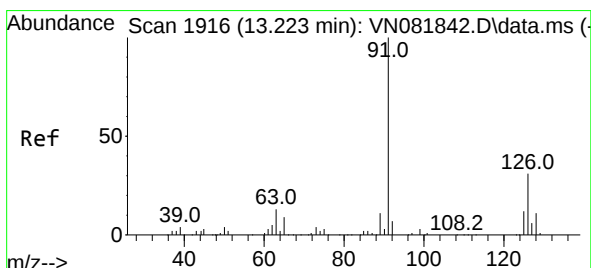
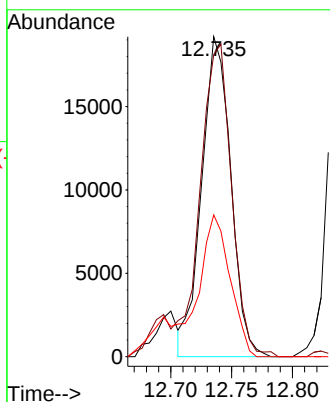
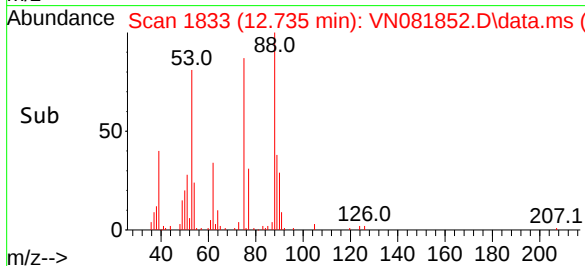
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 75 Resp: 32024
Ion Ratio Lower Upper
75 100
53 105.3 72.9 109.3
89 46.5 39.1 58.7

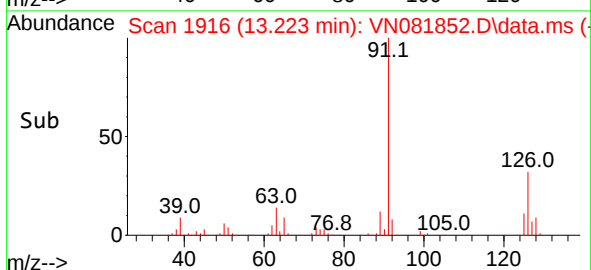
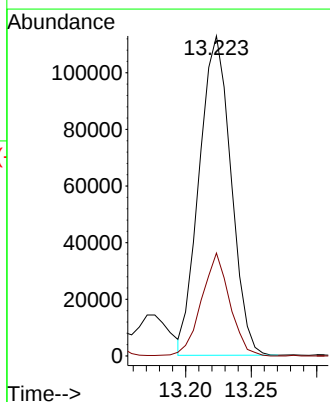
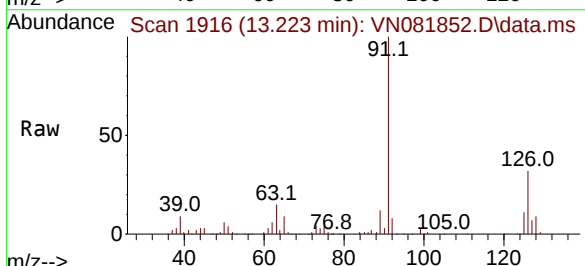
Manual Integrations
APPROVED

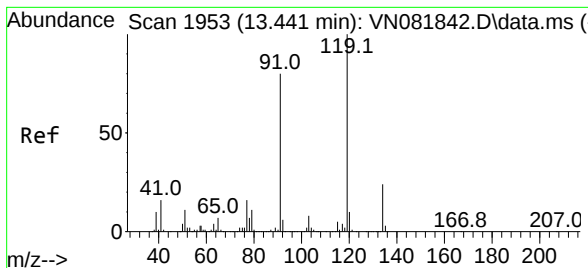
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#82
4-Chlorotoluene
Concen: 18.700 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

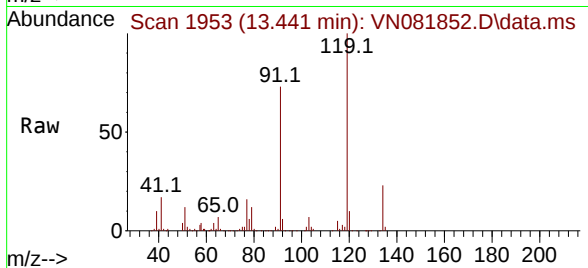
Tgt Ion: 91 Resp: 190167
Ion Ratio Lower Upper
91 100
126 28.7 17.4 52.3





#83
tert-Butylbenzene
Concen: 18.750 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

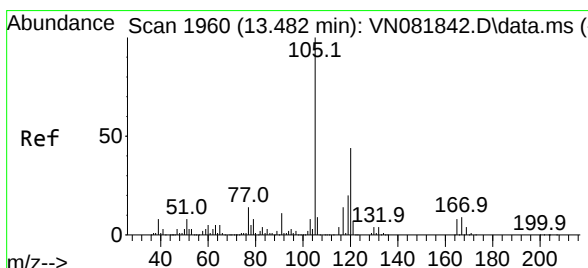
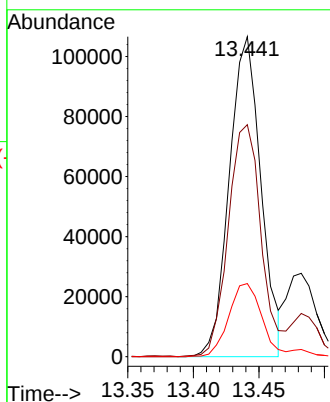
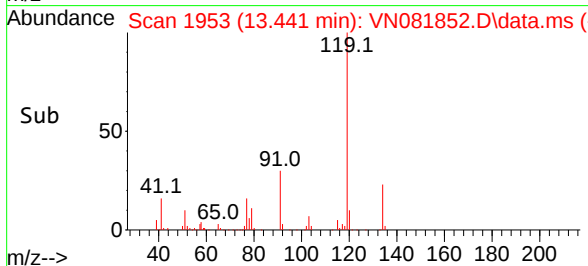
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



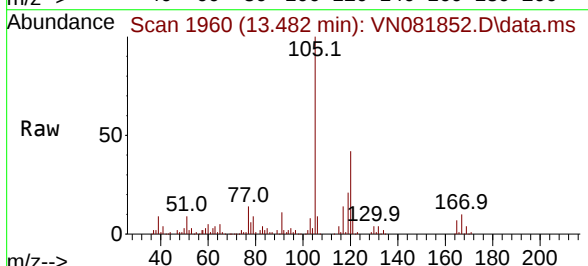
Tgt Ion:119 Resp: 179084
Ion Ratio Lower Upper
119 100
91 76.0 32.6 97.8
134 23.7 12.4 37.0

Manual Integrations
APPROVED

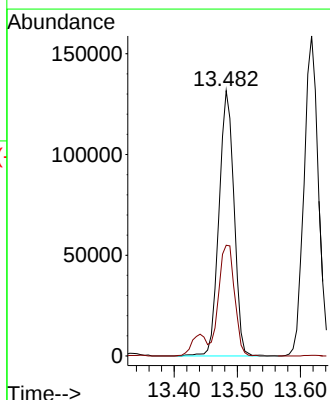
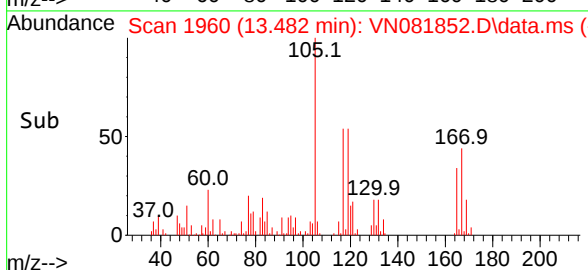
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

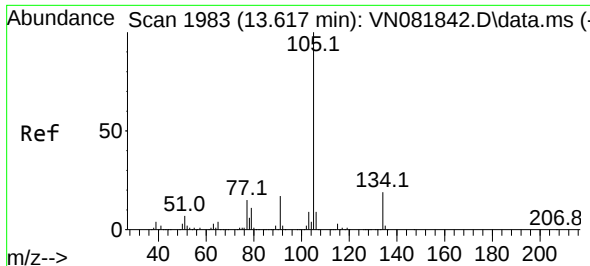


#84
1,2,4-Trimethylbenzene
Concen: 18.961 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53



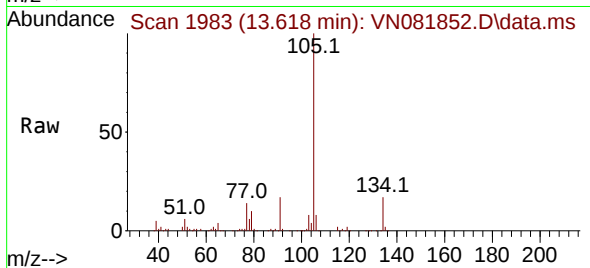
Tgt Ion:105 Resp: 217173
Ion Ratio Lower Upper
105 100
120 44.5 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 18.680 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081852.D
 Acq: 25 Apr 2024 15:53

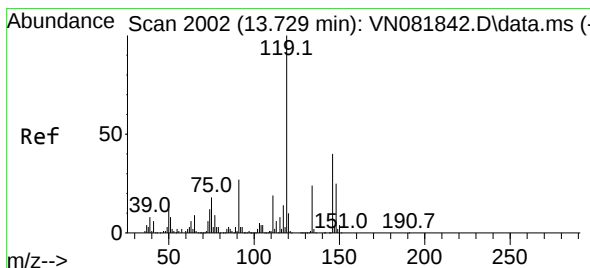
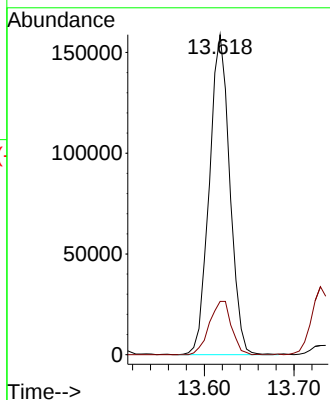
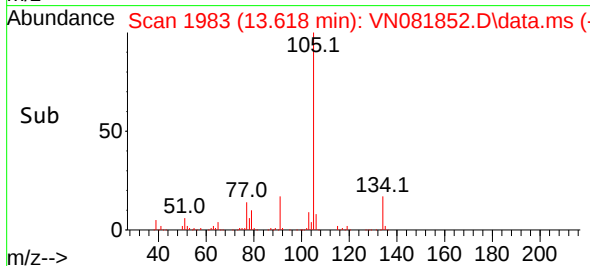
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01



Tgt Ion:105 Resp: 251310
 Ion Ratio Lower Upper
 105 100
 134 18.0 10.2 30.4

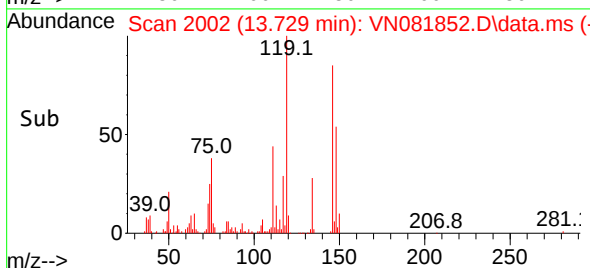
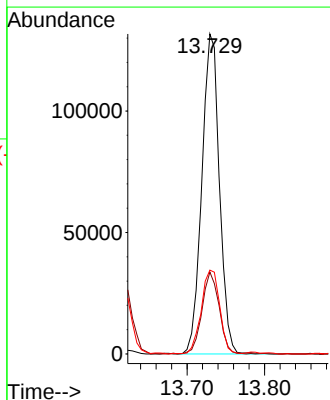
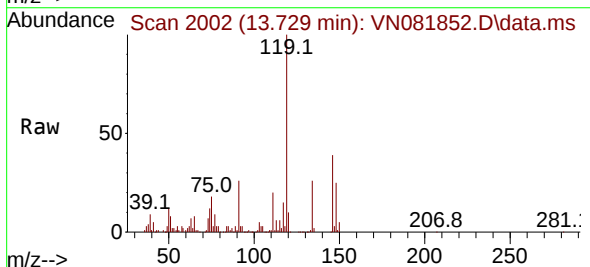
Manual Integrations
 APPROVED

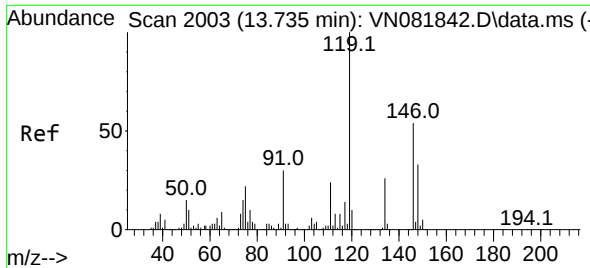
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#86
 p-Isopropyltoluene
 Concen: 19.202 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081852.D
 Acq: 25 Apr 2024 15:53

Tgt Ion:119 Resp: 207430
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.2 39.5
 91 27.6 11.8 35.3





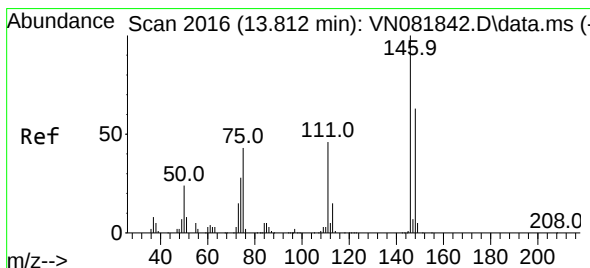
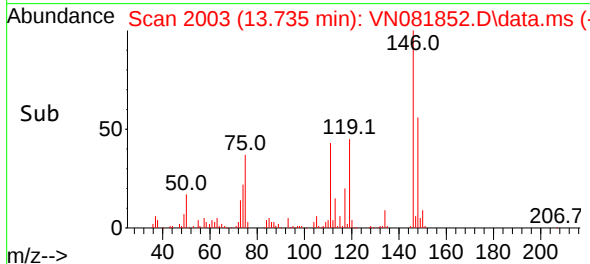
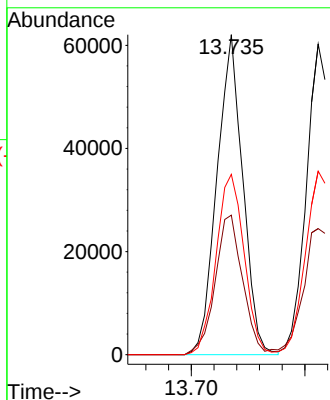
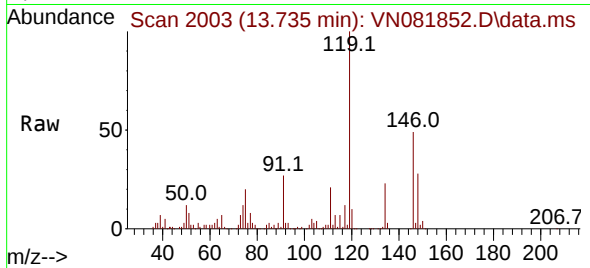
#87
1,3-Dichlorobenzene
Concen: 18.563 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:146 Resp: 98239
Ion Ratio Lower Upper
146 100
111 46.7 20.8 62.5
148 61.1 32.1 96.3

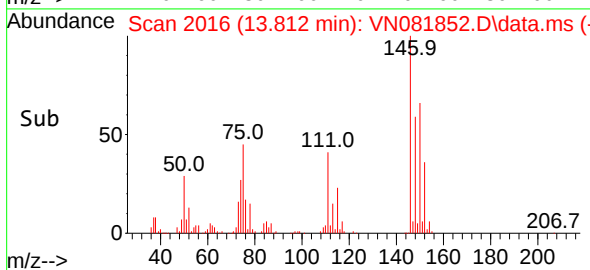
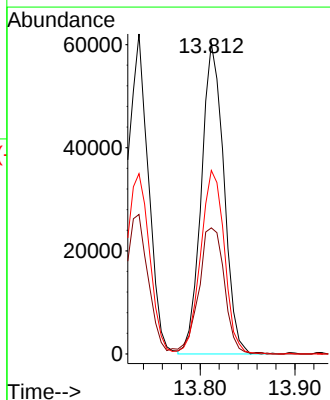
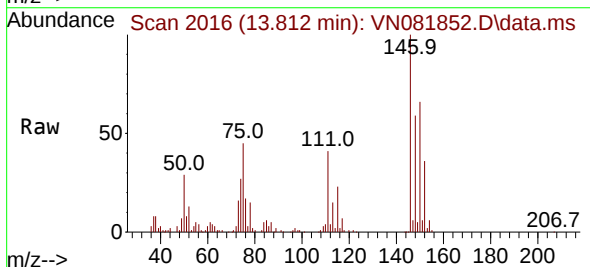
Manual Integrations
APPROVED

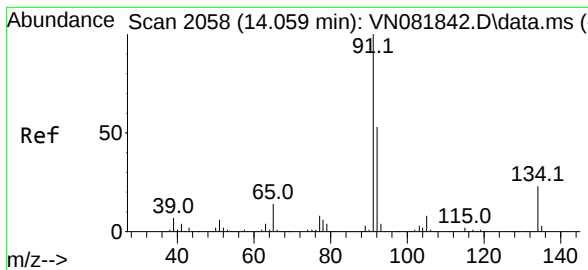
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#88
1,4-Dichlorobenzene
Concen: 19.133 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion:146 Resp: 99709
Ion Ratio Lower Upper
146 100
111 45.8 19.3 57.9
148 62.5 31.3 93.9





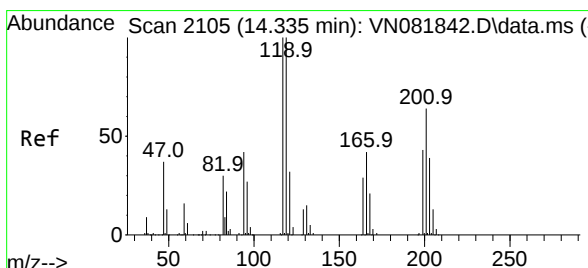
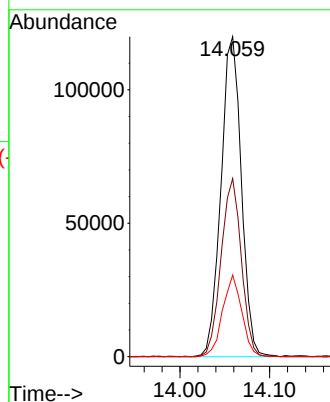
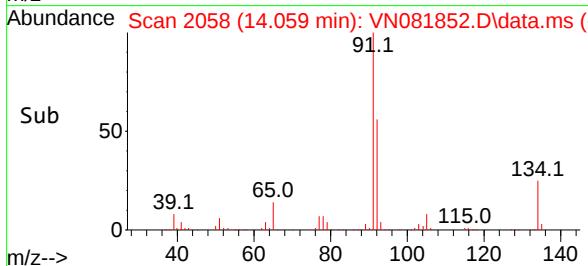
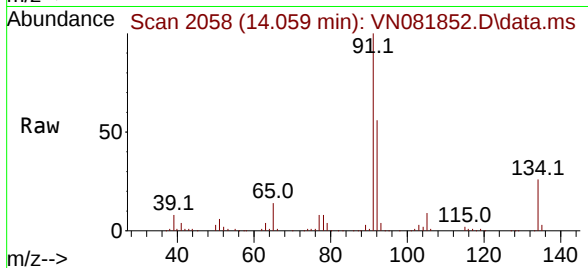
#89
n-Butylbenzene
Concen: 18.827 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 91 Resp: 189300
Ion Ratio Lower Upper
91 100
92 55.2 26.2 78.5
134 24.1 13.2 39.5

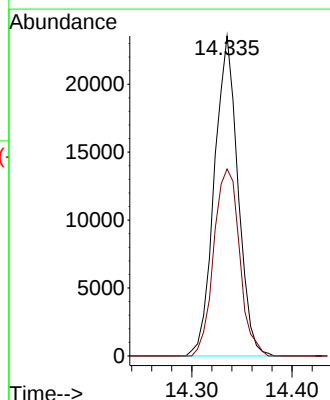
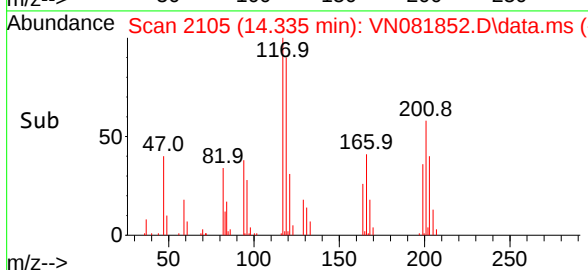
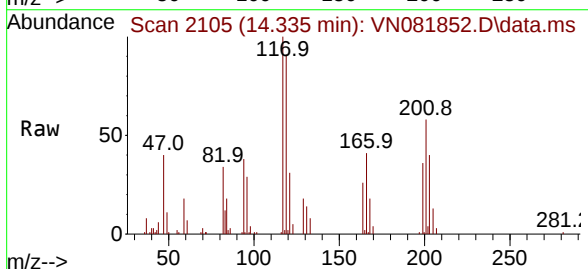
Manual Integrations
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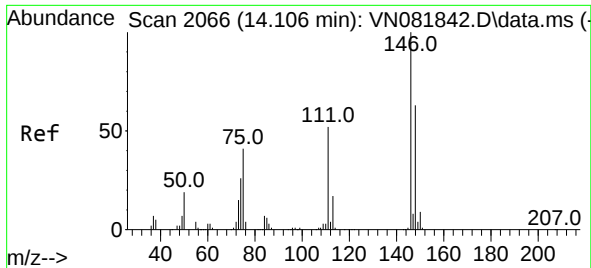
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#90
Hexachloroethane
Concen: 18.092 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion:117 Resp: 38446
Ion Ratio Lower Upper
117 100
201 63.9 33.3 99.8





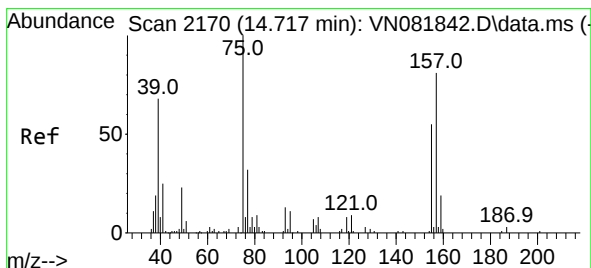
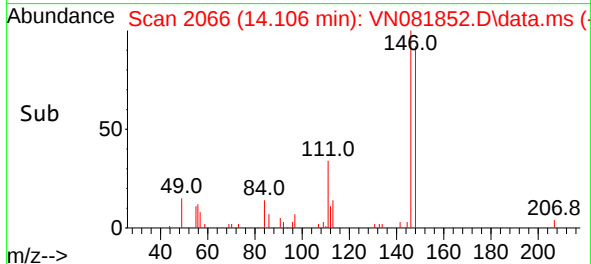
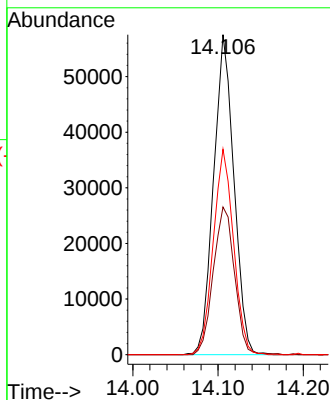
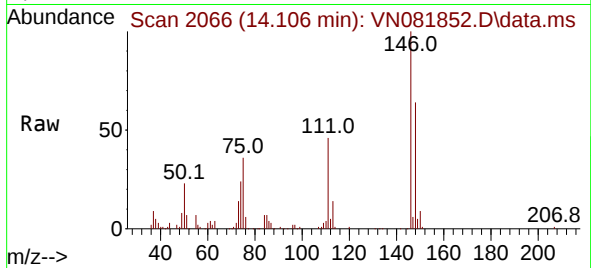
#91
1,2-Dichlorobenzene
Concen: 18.801 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:	146	Resp:	95384
Ion Ratio	Lower	Upper	
146	100		
111	48.3	21.3	64.0
148	63.9	31.8	95.4

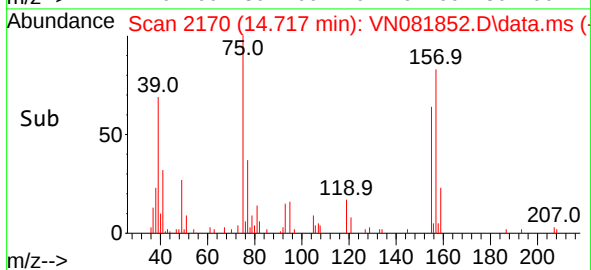
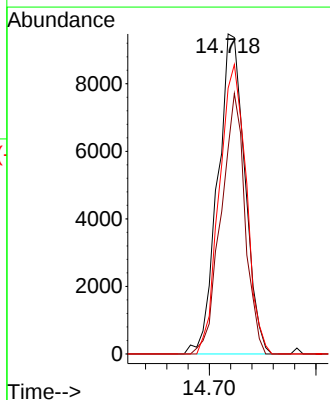
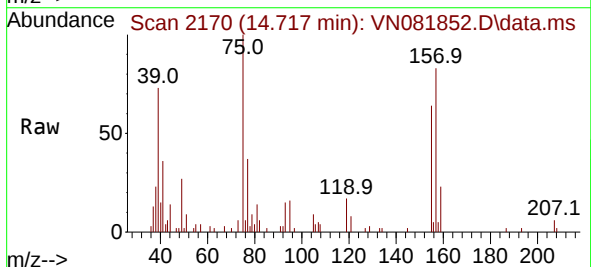
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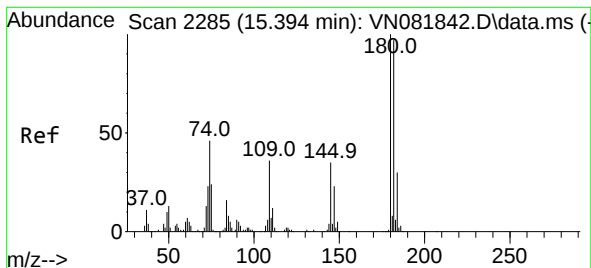
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.888 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

Tgt Ion:	75	Resp:	16735
Ion Ratio	Lower	Upper	
75	100		
155	71.9	42.6	128.0
157	89.4	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 18.825 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

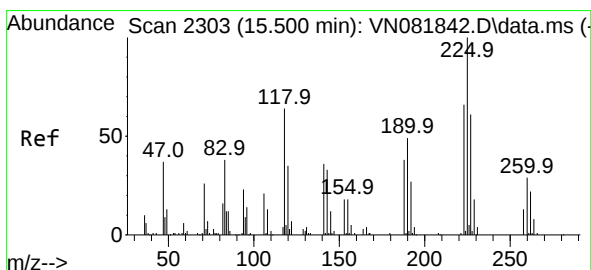
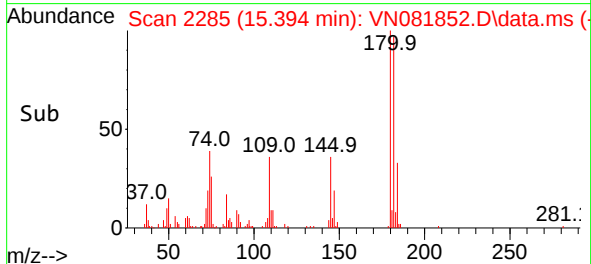
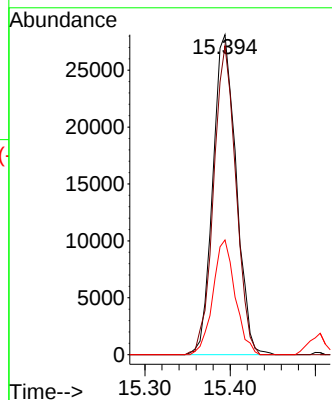
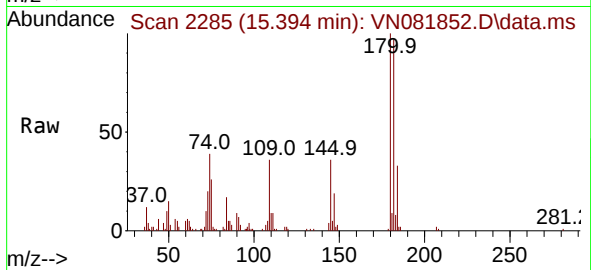
Tgt Ion:180	Resp:	53430
Ion Ratio	Lower	Upper
180	100	
182	92.2	46.7 140.0
145	34.3	16.2 48.6

Manual Integrations

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Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#94

Hexachlorobutadiene

Concen: 19.919 ug/l

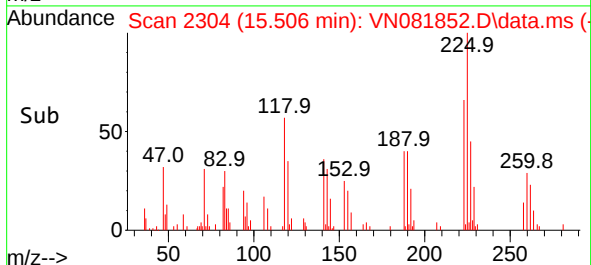
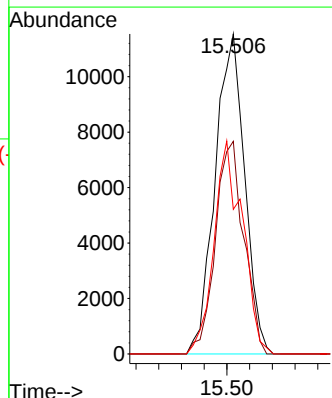
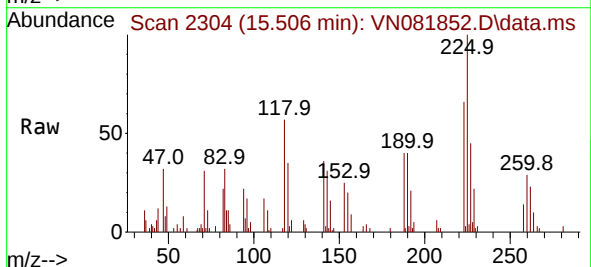
RT: 15.506 min Scan# 2304

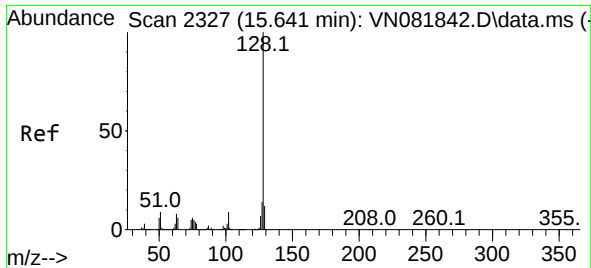
Delta R.T. 0.006 min

Lab File: VN081852.D

Acq: 25 Apr 2024 15:53

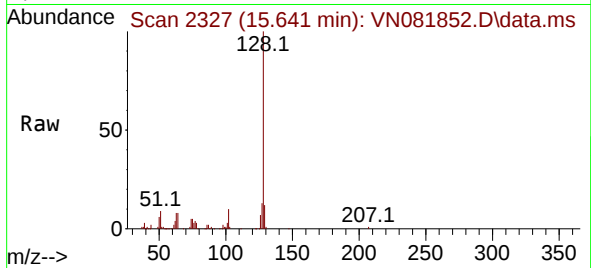
Tgt Ion:225	Resp:	20838
Ion Ratio	Lower	Upper
225	100	
223	64.2	31.1 93.2
227	64.0	30.6 91.6





#95
Naphthalene
Concen: 18.417 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53

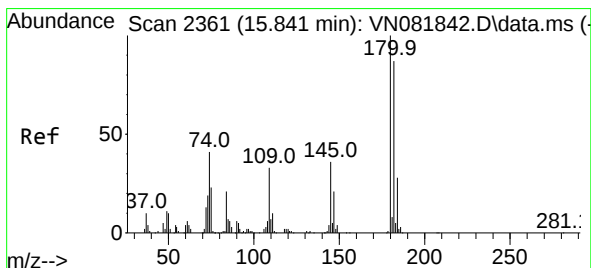
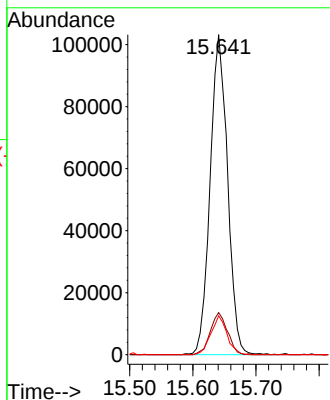
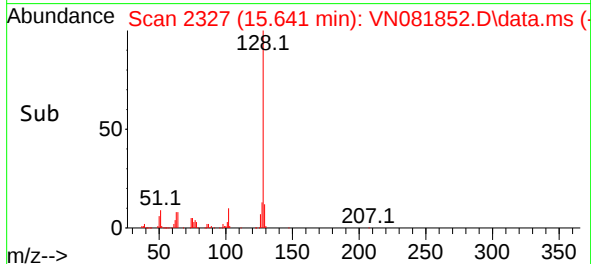
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



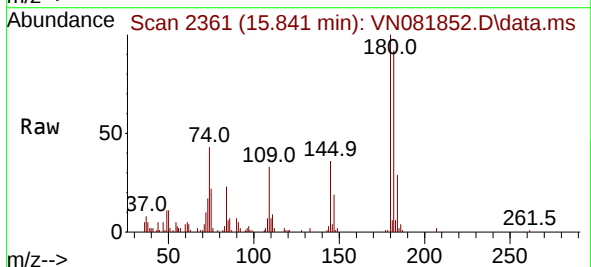
Tgt Ion:128 Resp: 19752
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.2 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.553 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081852.D
Acq: 25 Apr 2024 15:53



Tgt Ion:180 Resp: 53282
Ion Ratio Lower Upper
180 100
182 94.5 46.0 137.8
145 36.9 17.1 51.3

