

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081851.D
 Acq On : 25 Apr 2024 15:19
 Operator : JC\MD
 Sample : VN0425WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

Quant Time: Apr 26 05:35:11 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	230547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	437579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	373101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170567	43.836	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.680%		
35) Dibromofluoromethane	8.171	113	118965	45.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.300%		
50) Toluene-d8	10.571	98	471649	45.582	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.160%		
62) 4-Bromofluorobenzene	12.847	95	176517	43.155	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	86.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60281	18.626	ug/l	94
3) Chloromethane	2.353	50	60434	17.900	ug/l	93
4) Vinyl Chloride	2.518	62	56572	18.511	ug/l	98
5) Bromomethane	2.959	94	26110	16.665	ug/l	98
6) Chloroethane	3.124	64	25596	16.571	ug/l	94
7) Trichlorofluoromethane	3.495	101	90845	19.216	ug/l	94
8) Diethyl Ether	3.965	74	38230	19.036	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.377	101	53782	19.595	ug/l	92
10) Methyl Iodide	4.589	142	43142	17.946	ug/l	100
11) Tert butyl alcohol	5.518	59	72856	102.998	ug/l	95
12) 1,1-Dichloroethene	4.342	96	50662	18.143	ug/l #	75
13) Acrolein	4.183	56	49065	84.058	ug/l	97
14) Allyl chloride	5.024	41	108730	18.409	ug/l #	85
15) Acrylonitrile	5.718	53	164800	97.025	ug/l	96
16) Acetone	4.430	43	122214	103.001	ug/l	92
17) Carbon Disulfide	4.712	76	144587	17.228	ug/l	100
18) Methyl Acetate	5.024	43	79364	20.137	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	199255	18.911	ug/l	94
20) Methylene Chloride	5.277	84	59092	17.721	ug/l #	85
21) trans-1,2-Dichloroethene	5.783	96	54257	17.821	ug/l #	77
22) Diisopropyl ether	6.671	45	216486	18.941	ug/l	94
23) Vinyl Acetate	6.600	43	889115	95.742	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	117831	19.807	ug/l	95
25) 2-Butanone	7.483	43	222043	100.543	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	104190	19.039	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	67610	19.004	ug/l	84
28) Bromochloromethane	7.812	49	51339	18.158	ug/l #	77
29) Tetrahydrofuran	7.841	42	150889	95.276	ug/l	89
30) Chloroform	7.971	83	107633	18.253	ug/l	98
31) Cyclohexane	8.259	56	109134	18.618	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	98067	18.649	ug/l	97
36) 1,1-Dichloropropene	8.377	75	79073	18.448	ug/l	96
37) Ethyl Acetate	7.559	43	93325	20.138	ug/l	98
38) Carbon Tetrachloride	8.353	117	80677	19.259	ug/l	89
39) Methylcyclohexane	9.600	83	98732	18.967	ug/l #	88
40) Benzene	8.606	78	245771	19.101	ug/l	99

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Manual Integrations
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 Supervised By : Mahesh Dadoda 04/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	52548	17.771	ug/l	89
42) 1,2-Dichloroethane	8.671	62	87743	18.364	ug/l	97
43) Isopropyl Acetate	8.688	43	168818	19.374	ug/l	95
44) Trichloroethene	9.353	130	55805	18.812	ug/l	74
45) 1,2-Dichloropropane	9.624	63	66341	19.701	ug/l	98
46) Dibromomethane	9.712	93	42569	18.290	ug/l	91
47) Bromodichloromethane	9.888	83	91300	18.601	ug/l #	98
48) Methyl methacrylate	9.682	41	77639	18.664	ug/l #	87
49) 1,4-Dioxane	9.694	88	25262	399.557	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	490168	99.926	ug/l	92
52) Toluene	10.629	92	147239	19.109	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	99761	18.679	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	105491	19.164	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	56071	18.503	ug/l	97
56) Ethyl methacrylate	10.876	69	107529	18.635	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	102551	19.035	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	241456	91.853	ug/l	91
59) 2-Hexanone	11.194	43	382397	104.750	ug/l	92
60) Dibromochloromethane	11.359	129	61588	19.188	ug/l	98
61) 1,2-Dibromoethane	11.471	107	55402	19.117	ug/l	100
64) Tetrachloroethene	11.106	164	51110	18.861	ug/l	91
65) Chlorobenzene	11.894	112	155907	19.135	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	52158	19.697	ug/l	97
67) Ethyl Benzene	11.965	91	286663	18.918	ug/l	99
68) m/p-Xylenes	12.070	106	211758	39.179	ug/l	90
69) o-Xylene	12.400	106	104759	19.853	ug/l	90
70) Styrene	12.412	104	178958	19.605	ug/l	92
71) Bromoform	12.582	173	37656	18.088	ug/l #	100
73) Isopropylbenzene	12.694	105	265221	18.791	ug/l	98
74) N-amyl acetate	12.494	43	148988	18.960	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	77737	18.340	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	79055m	19.206	ug/l	
77) Bromobenzene	12.982	156	53459	18.100	ug/l	65
78) n-propylbenzene	13.035	91	318692	18.588	ug/l	96
79) 2-Chlorotoluene	13.123	91	200039	18.339	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	225007	18.839	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	40413	20.119	ug/l	94
82) 4-Chlorotoluene	13.223	91	192378	18.166	ug/l	92
83) tert-Butylbenzene	13.441	119	187634	18.865	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	227746	19.094	ug/l	94
85) sec-Butylbenzene	13.617	105	262972	18.770	ug/l	97
86) p-Isopropyltoluene	13.729	119	212229	18.866	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	101986	18.506	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	102889	18.959	ug/l	93
89) n-Butylbenzene	14.059	91	196791	18.794	ug/l	98
90) Hexachloroethane	14.335	117	43349	19.589	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	100022	18.932	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18983	18.396	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	55328	18.719	ug/l	99
94) Hexachlorobutadiene	15.506	225	19948	18.311	ug/l	93
95) Naphthalene	15.641	128	209300	18.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	54691	19.272	ug/l	98

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ClientSampleId :
VN0425WBS01

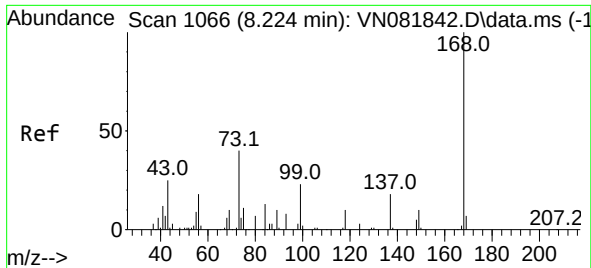
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/26/2024

Quant Time: Apr 26 05:35:11 2024
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Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

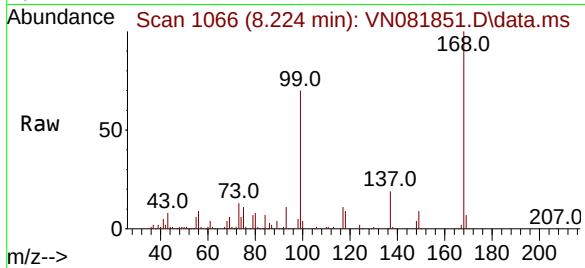
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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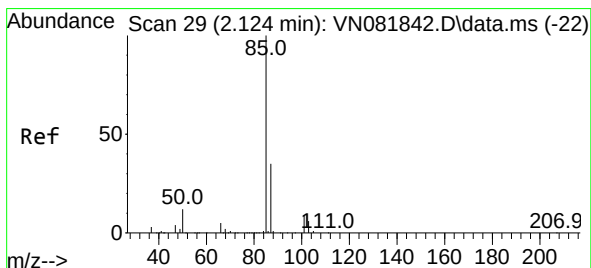
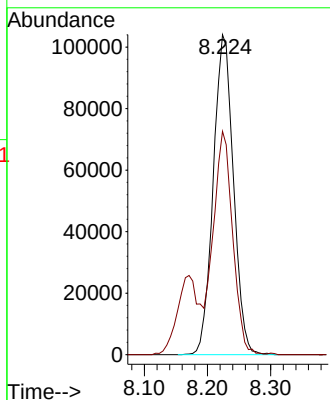
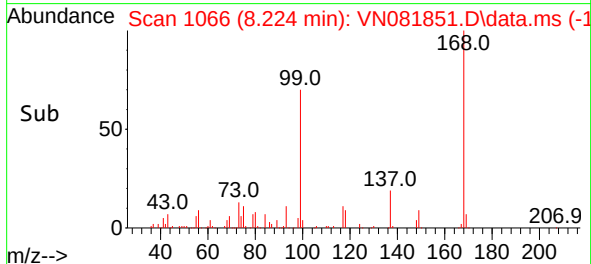
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion:168 Resp: 23054
Ion Ratio Lower Upper
168 100
99 69.8 48.2 72.4

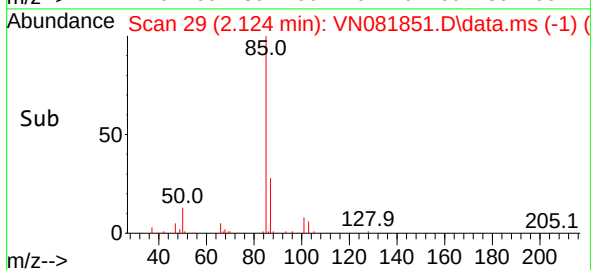
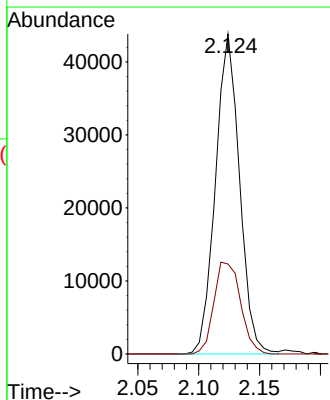
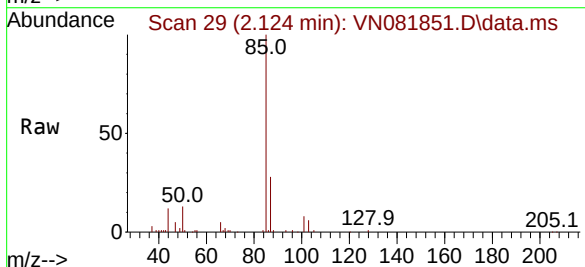
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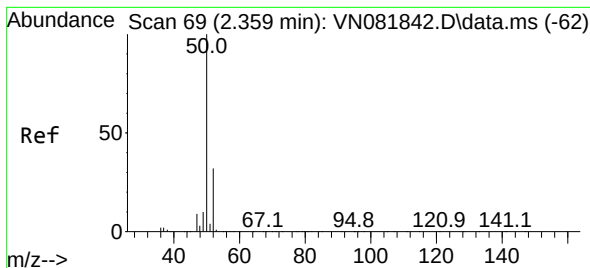
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#2
Dichlorodifluoromethane
Concen: 18.626 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion: 85 Resp: 60281
Ion Ratio Lower Upper
85 100
87 28.1 15.8 47.4





#3

Chloromethane

Concen: 17.900 ug/l

RT: 2.353 min Scan# 60

Delta R.T. -0.006 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tgt Ion: 50 Resp: 60434

Ion Ratio Lower Upper

50 100

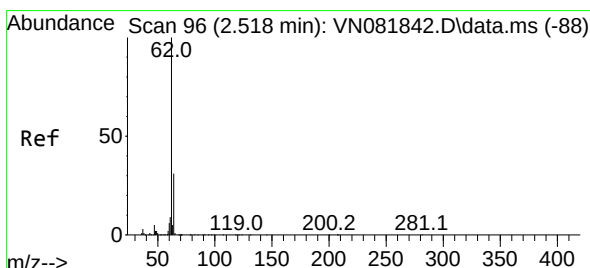
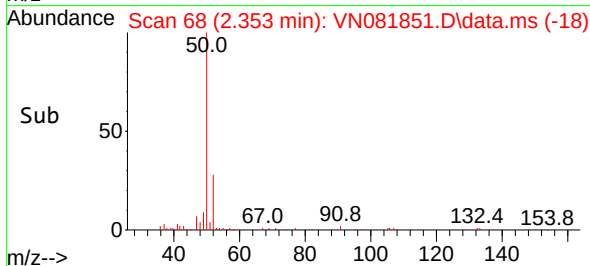
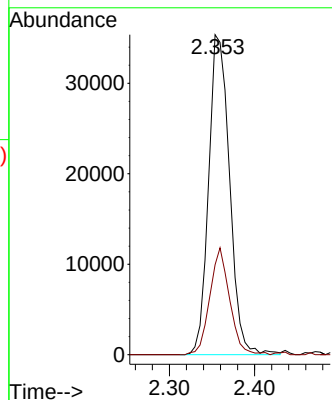
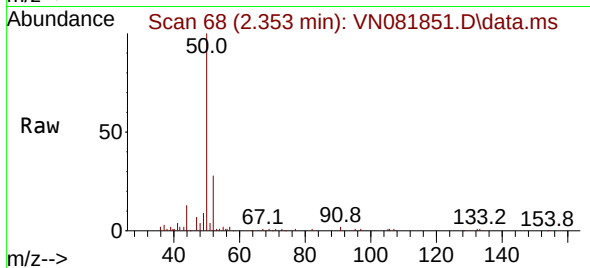
52 28.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#4

Vinyl Chloride

Concen: 18.511 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN081851.D

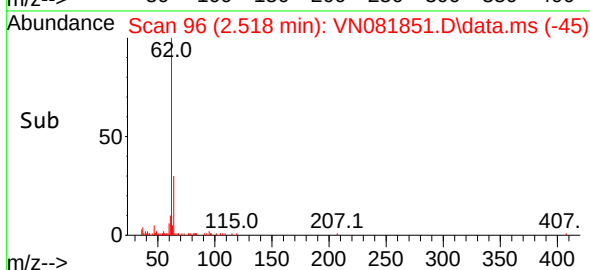
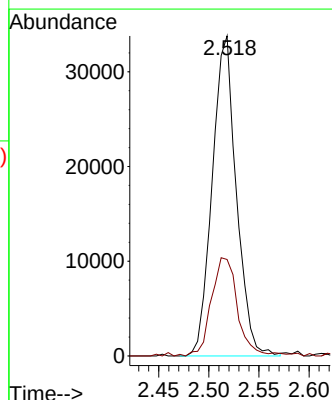
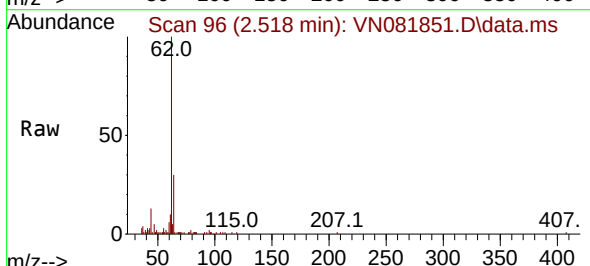
Acq: 25 Apr 2024 15:19

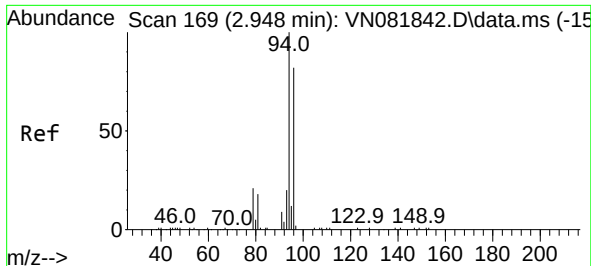
Tgt Ion: 62 Resp: 56572

Ion Ratio Lower Upper

62 100

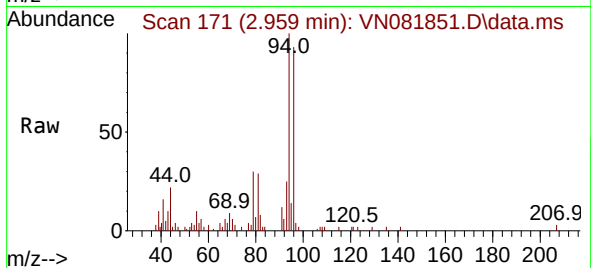
64 29.7 24.6 37.0





#5
Bromomethane
Concen: 16.665 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.011 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

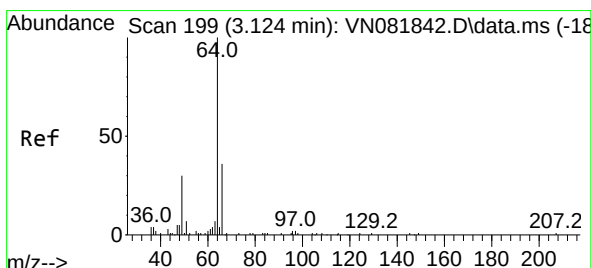
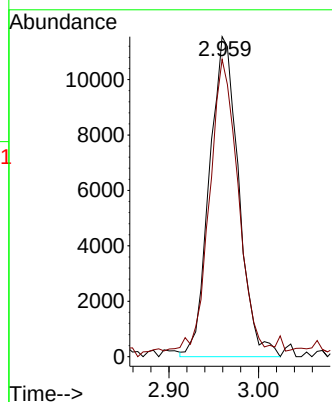
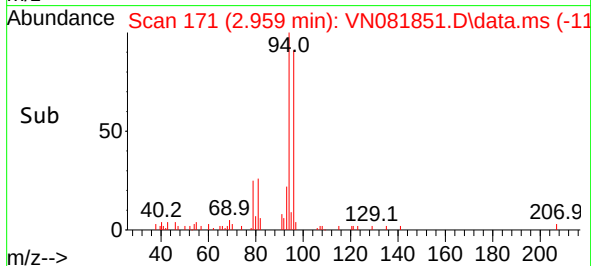
Instrument :
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Tgt Ion: 94 Resp: 26110
Ion Ratio Lower Upper
94 100
96 91.3 74.8 112.2

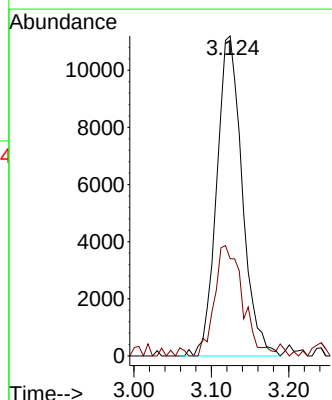
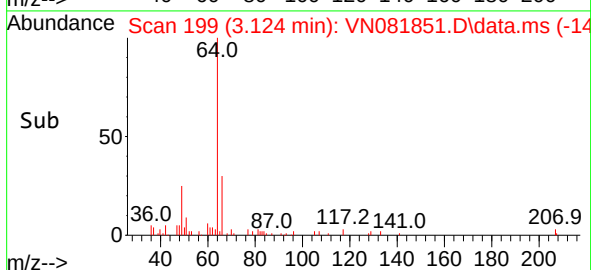
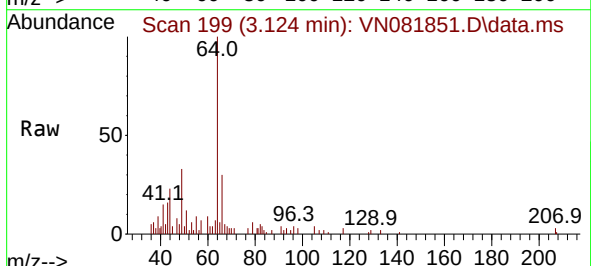
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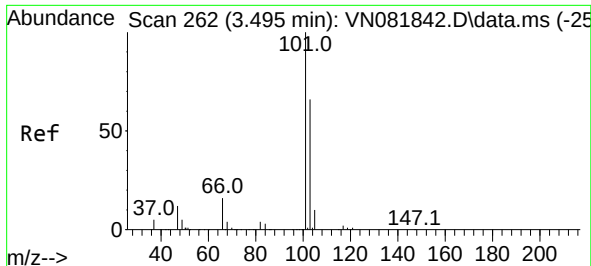
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#6
Chloroethane
Concen: 16.571 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion: 64 Resp: 25596
Ion Ratio Lower Upper
64 100
66 27.9 24.7 37.1





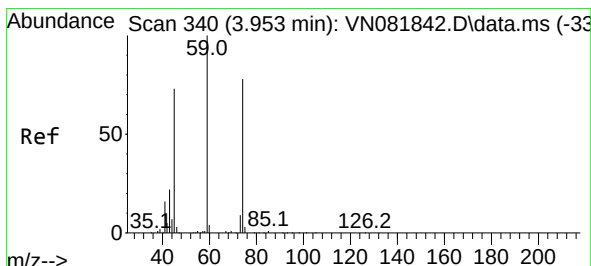
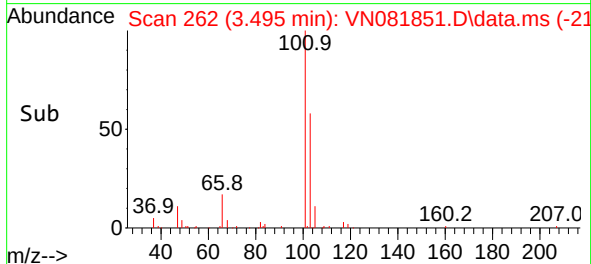
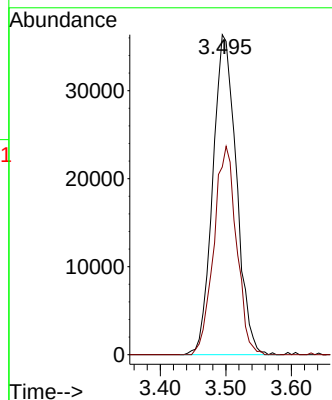
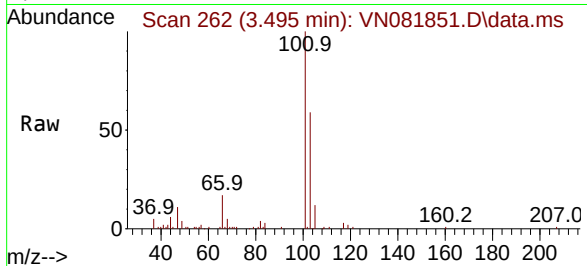
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 Trichlorofluoromethane
 Concen: 19.216 ug/l
 RT: 3.495 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VN081851.D
 Acq: 25 Apr 2024 15:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

Tgt Ion:101 Resp: 90845
 Ion Ratio Lower Upper
 101 100
 103 58.7 50.6 75.8

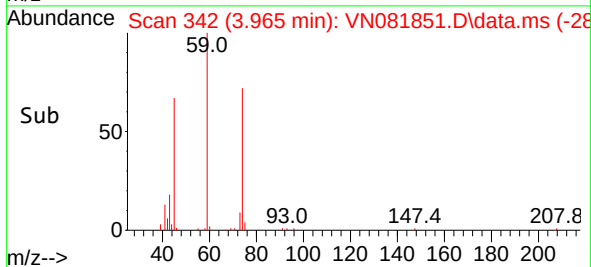
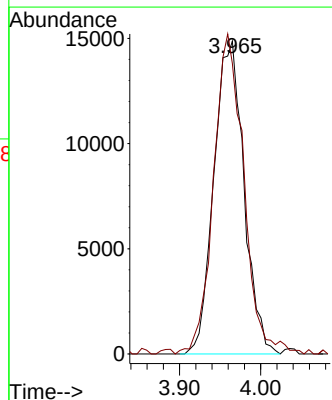
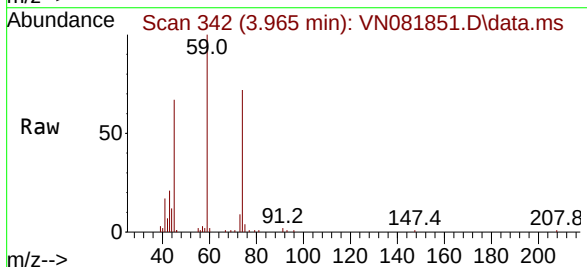
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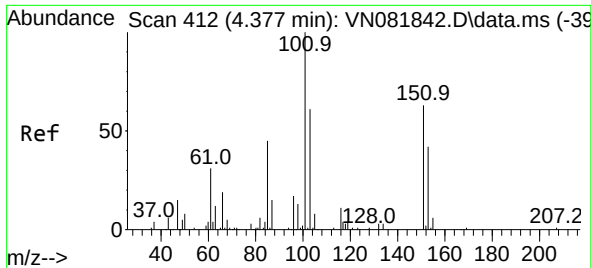
Reviewed By :John Carlone 04/26/2024
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#8
 Diethyl Ether
 Concen: 19.036 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN081851.D
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Tgt Ion: 74 Resp: 38230
 Ion Ratio Lower Upper
 74 100
 45 103.0 42.4 127.3





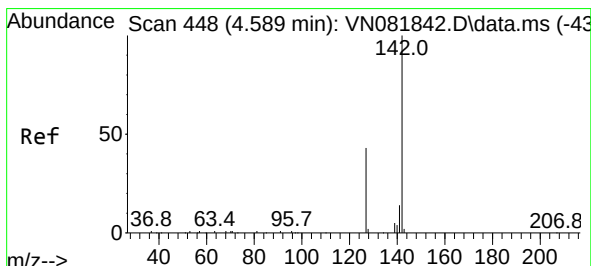
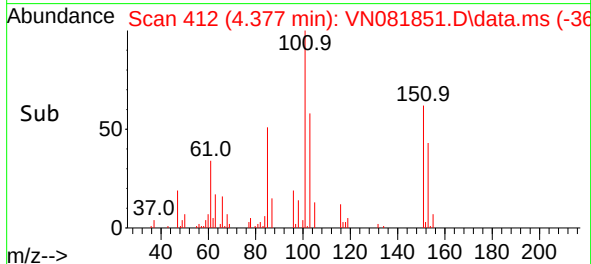
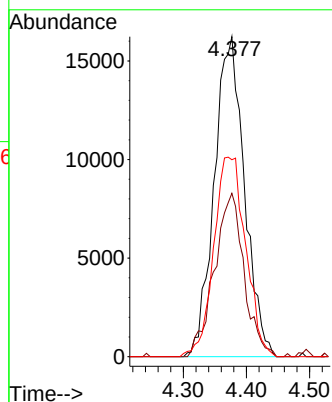
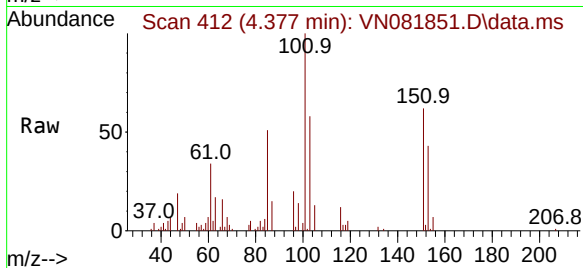
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.595 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion:101 Resp: 5378
Ion Ratio Lower Upper
101 100
85 50.2 37.3 55.9
151 66.0 59.2 88.8

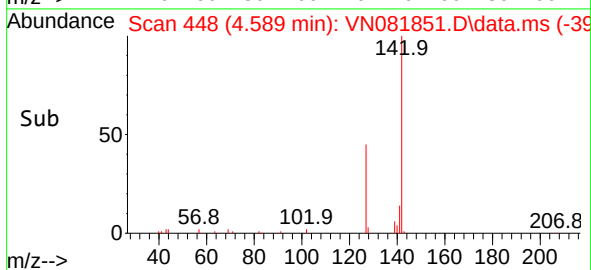
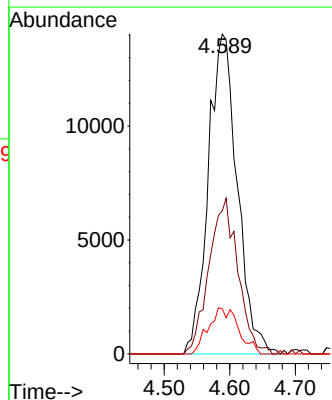
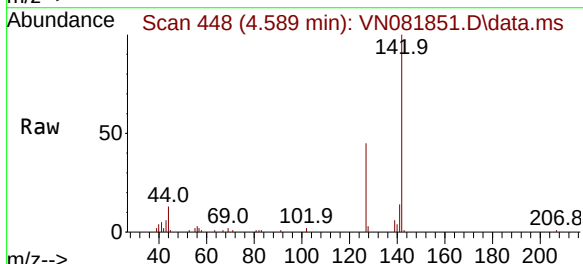
Manual Integrations
APPROVED

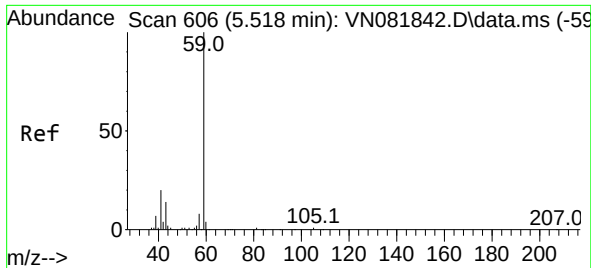
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#10
Methyl Iodide
Concen: 17.946 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

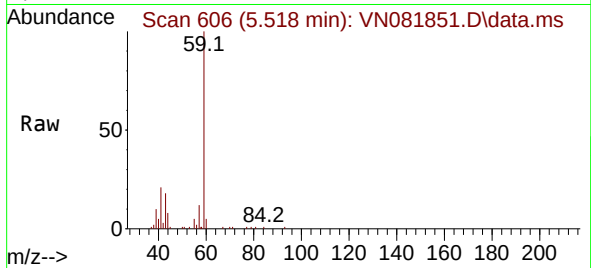
Tgt Ion:142 Resp: 43142
Ion Ratio Lower Upper
142 100
127 44.8 35.8 53.6
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 102.998 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

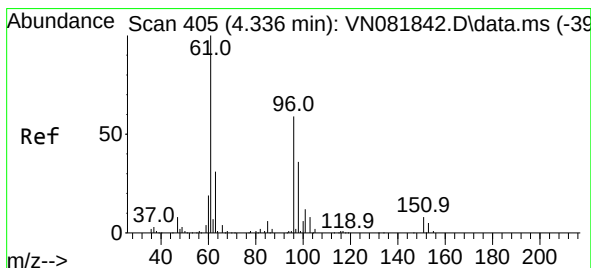
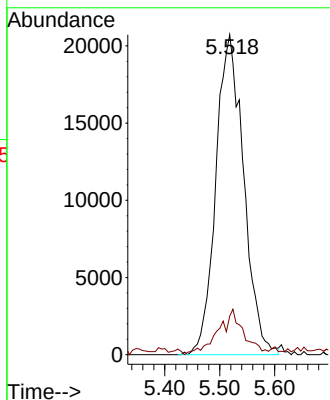
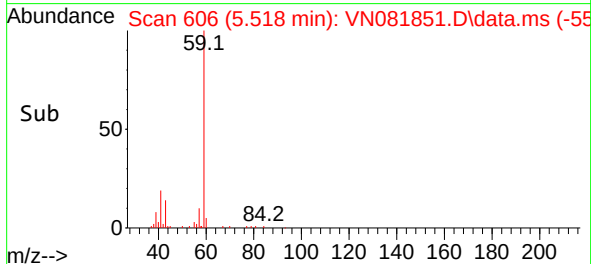
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 59 Resp: 72856
Ion Ratio Lower Upper
59 100
57 13.2 8.9 13.3

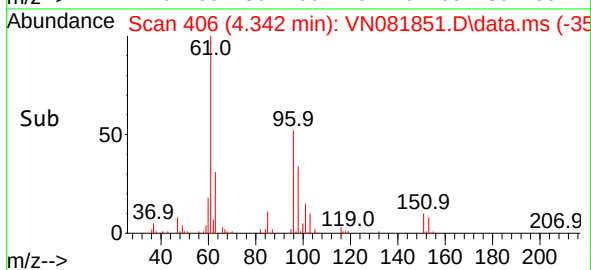
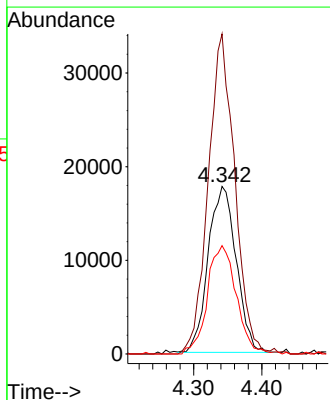
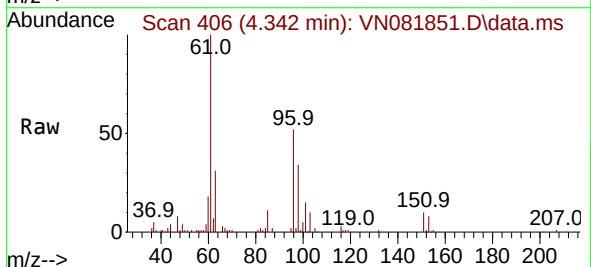
Manual Integrations
APPROVED

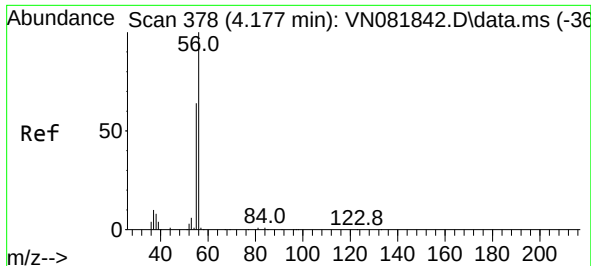
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#12
1,1-Dichloroethene
Concen: 18.143 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion: 96 Resp: 50662
Ion Ratio Lower Upper
96 100
61 192.9 119.7 179.5#
98 65.3 49.6 74.4





#13

Acrolein

Concen: 84.058 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tgt Ion: 56 Resp: 4906

Ion Ratio Lower Upper

56 100

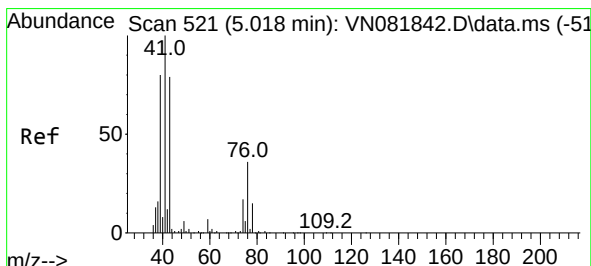
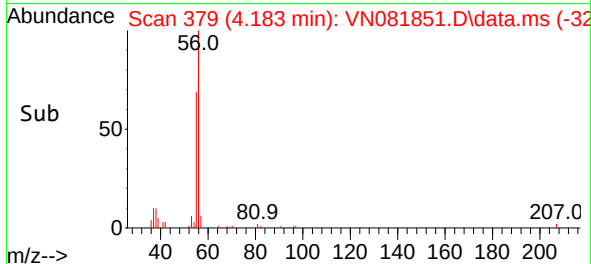
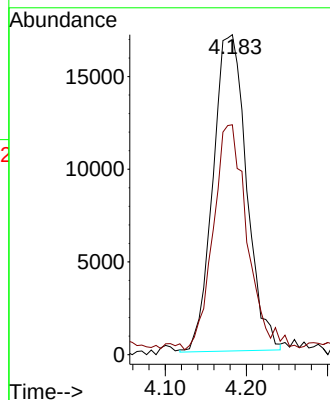
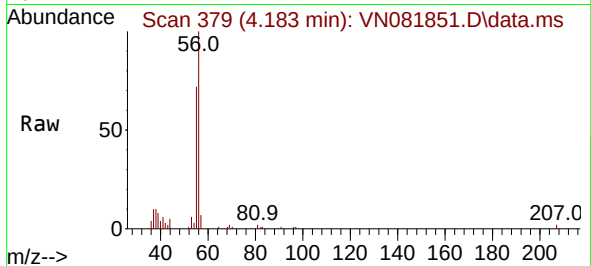
55 72.2 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#14

Allyl chloride

Concen: 18.409 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

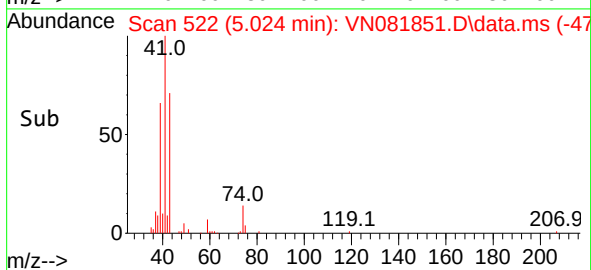
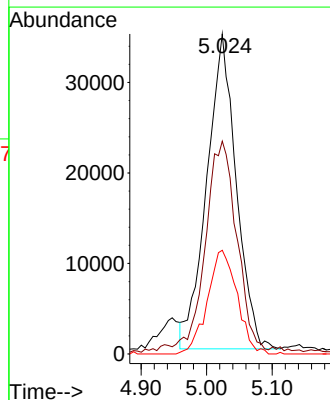
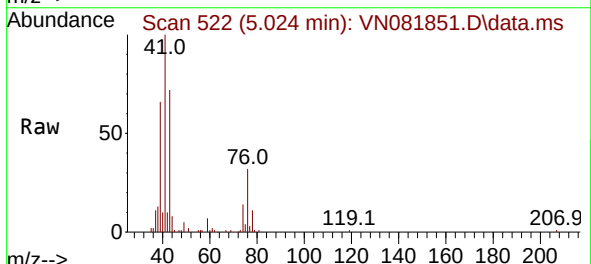
Tgt Ion: 41 Resp: 108730

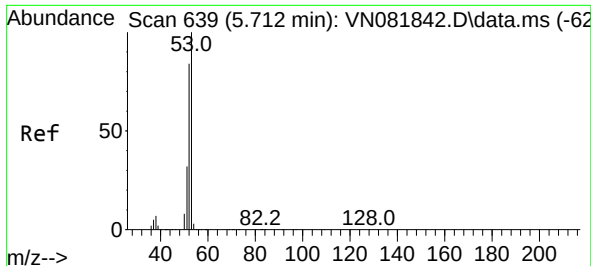
Ion Ratio Lower Upper

41 100

39 71.4 65.4 98.0

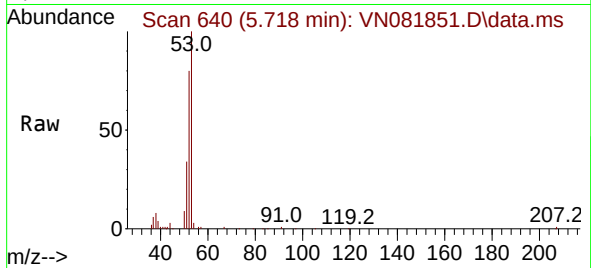
76 33.1 37.3 55.9





#15
Acrylonitrile
Concen: 97.025 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

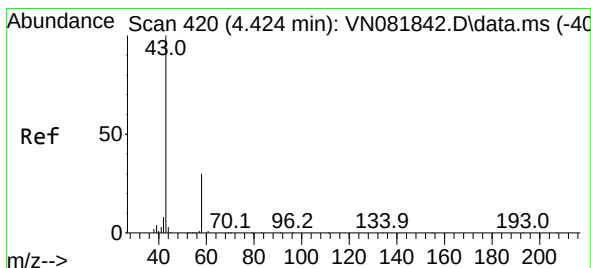
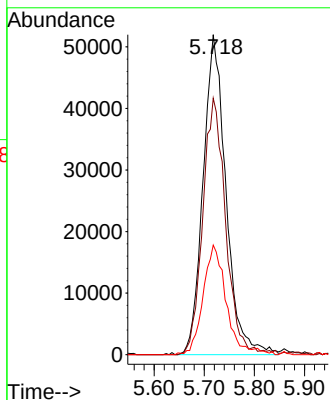
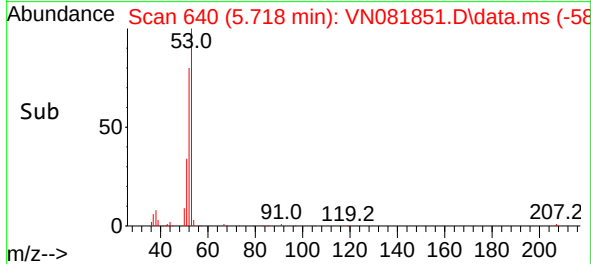
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



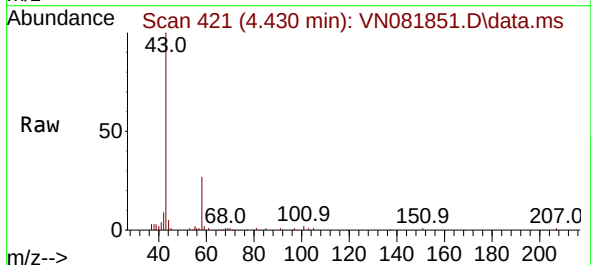
Tgt Ion: 53 Resp: 164800
Ion Ratio Lower Upper
53 100
52 79.6 66.1 99.1
51 33.6 29.4 44.2

Manual Integrations
APPROVED

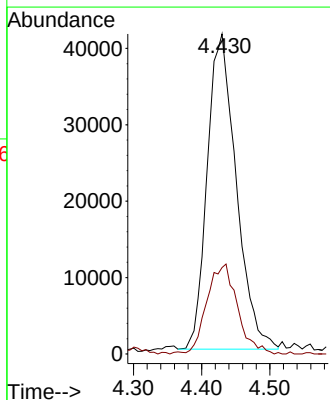
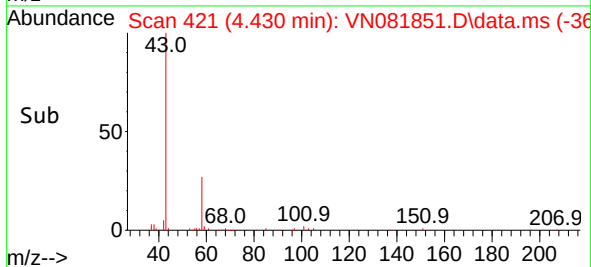
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

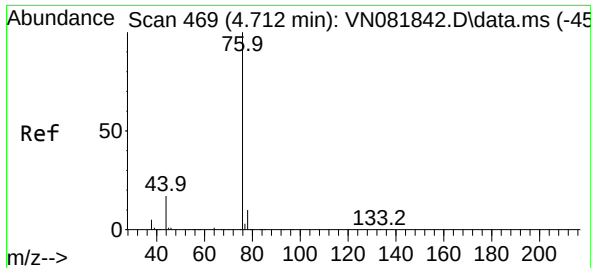


#16
Acetone
Concen: 103.001 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19



Tgt Ion: 43 Resp: 122214
Ion Ratio Lower Upper
43 100
58 27.0 25.2 37.8





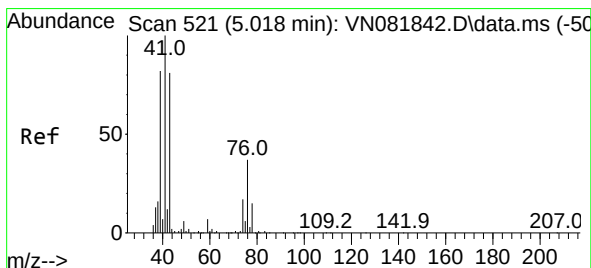
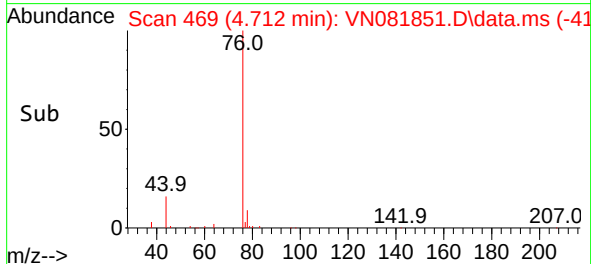
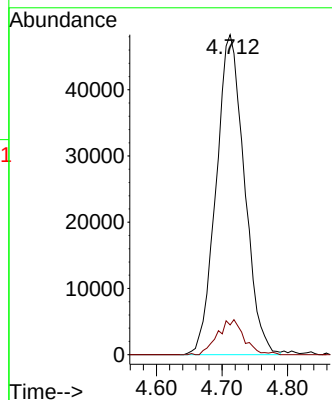
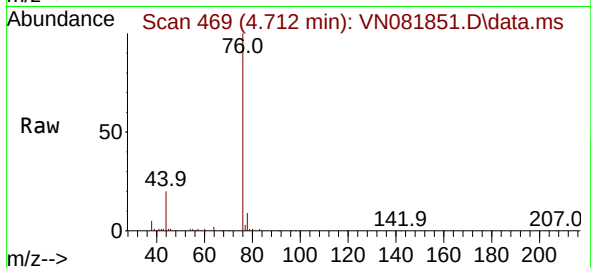
#17
Carbon Disulfide
Concen: 17.228 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 76 Resp: 14458
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

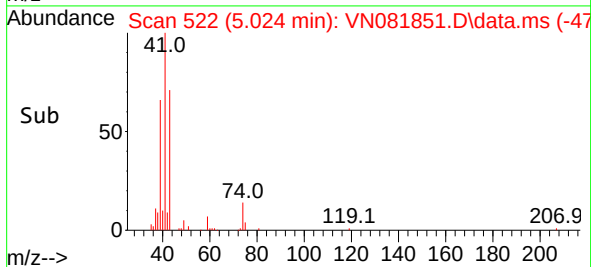
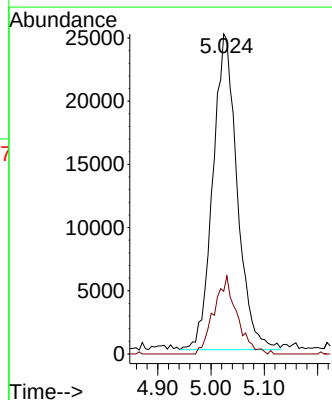
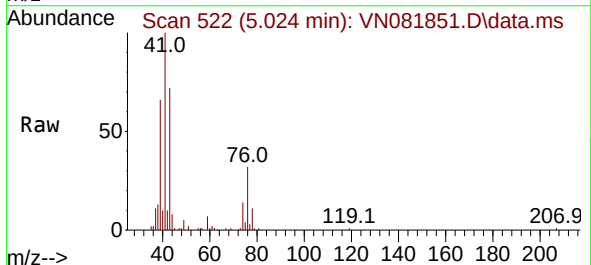
Manual Integrations
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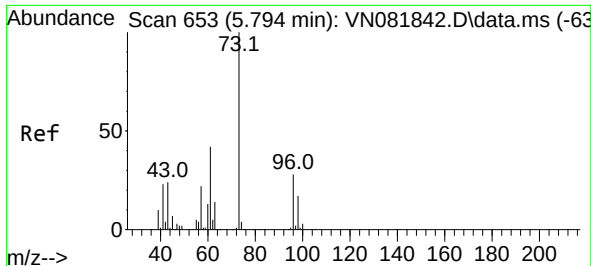
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#18
Methyl Acetate
Concen: 20.137 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion: 43 Resp: 79364
Ion Ratio Lower Upper
43 100
74 23.1 22.2 33.2





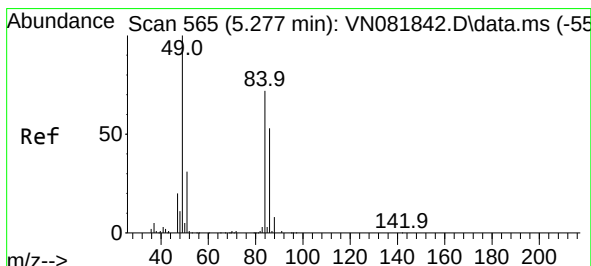
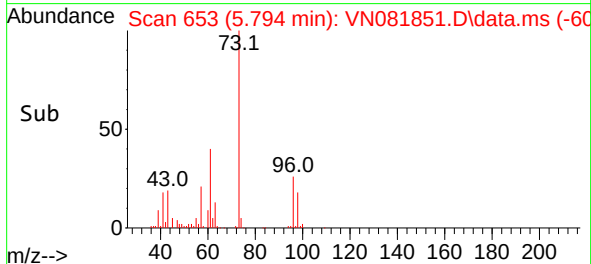
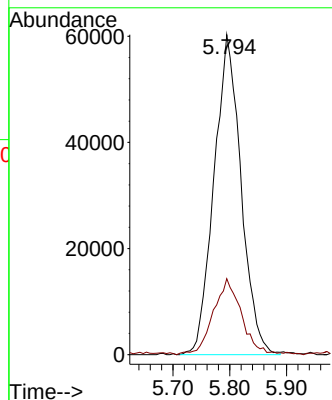
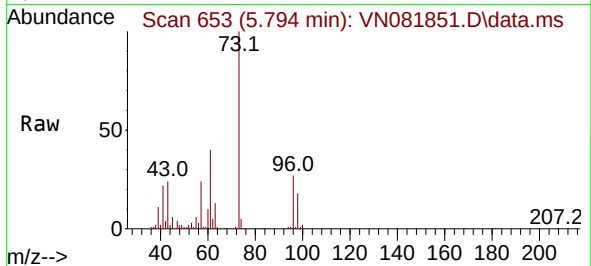
#19
Methyl tert-butyl Ether
Concen: 18.911 ug/l
RT: 5.794 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 73 Resp: 19925
Ion Ratio Lower Upper
73 100
57 23.3 16.5 24.7

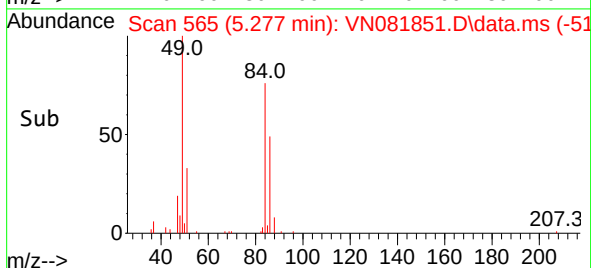
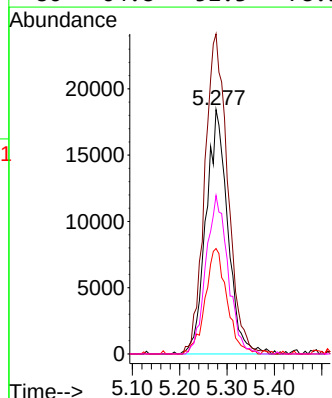
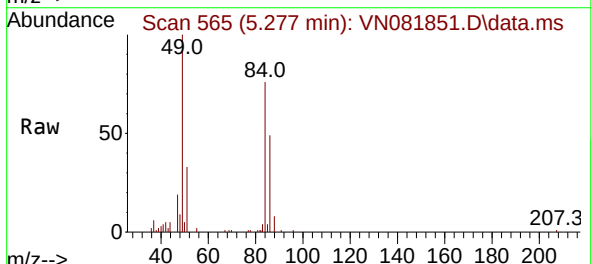
Manual Integrations
APPROVED

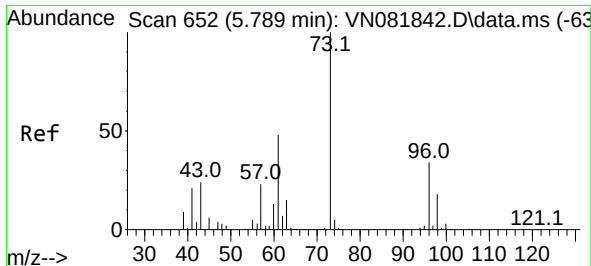
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#20
Methylene Chloride
Concen: 17.721 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

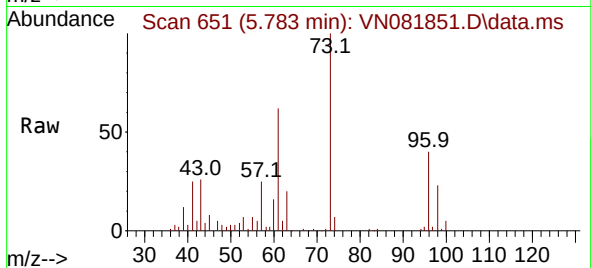
Tgt Ion: 84 Resp: 59092
Ion Ratio Lower Upper
84 100
49 131.0 84.9 127.3#
51 43.2 27.0 40.6#
86 64.8 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 17.821 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

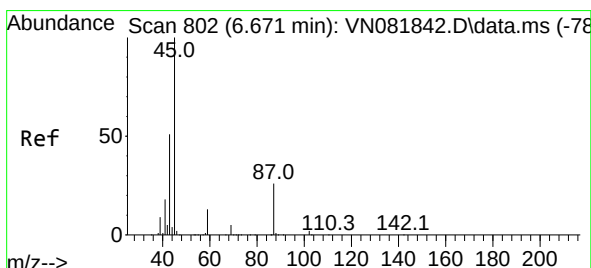
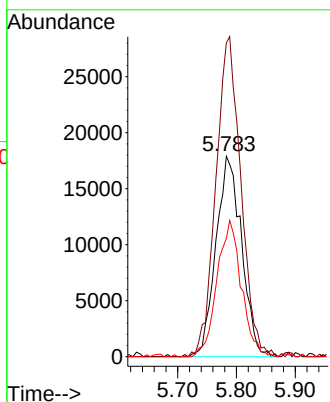
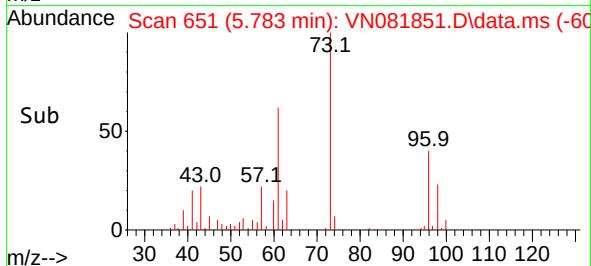
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 96 Resp: 5425
Ion Ratio Lower Upper
96 100
61 156.6 96.5 144.7
98 58.9 51.3 76.9

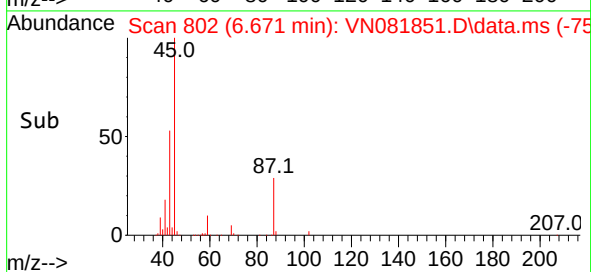
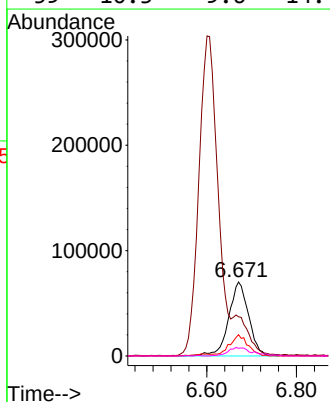
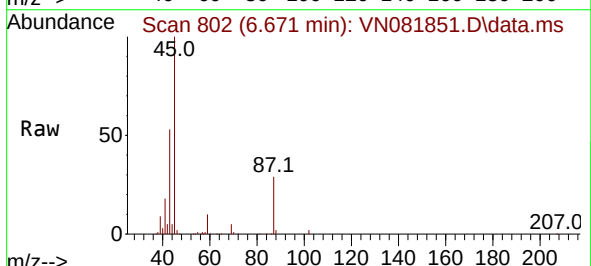
Manual Integrations
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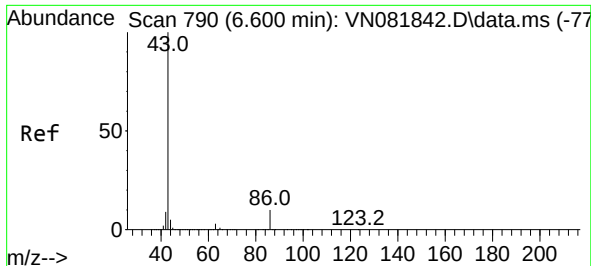
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#22
Diisopropyl ether
Concen: 18.941 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion: 45 Resp: 216486
Ion Ratio Lower Upper
45 100
43 52.2 44.1 66.1
87 28.8 27.0 40.6
59 10.3 9.6 14.4





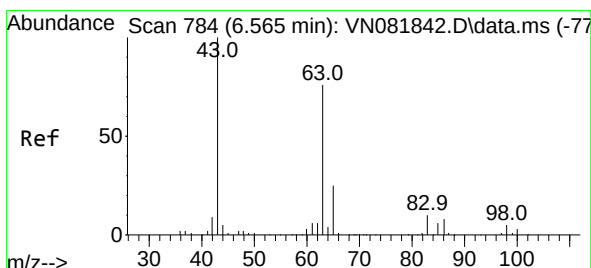
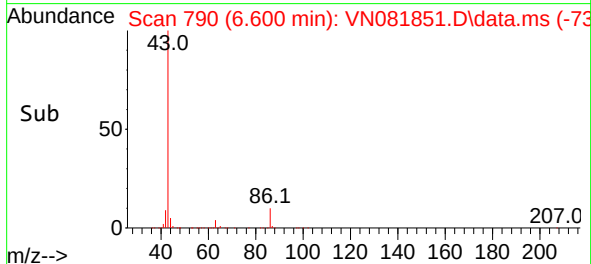
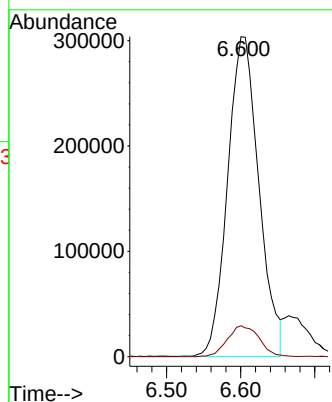
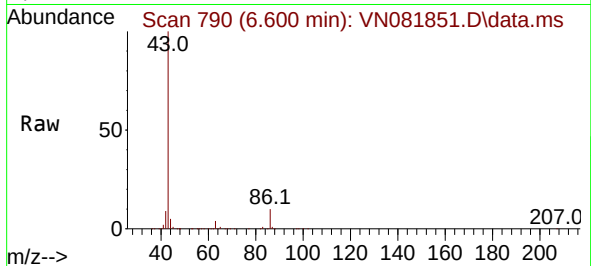
#23
 Vinyl Acetate
 Concen: 95.742 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081851.D
 Acq: 25 Apr 2024 15:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

Tgt Ion: 43 Resp: 88911
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.2 15.4

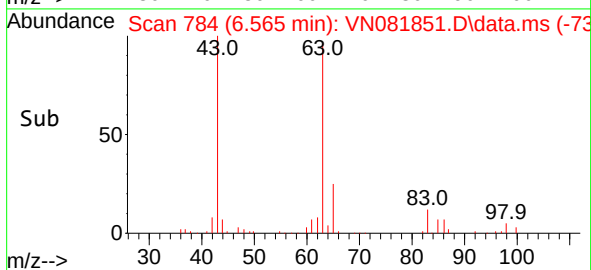
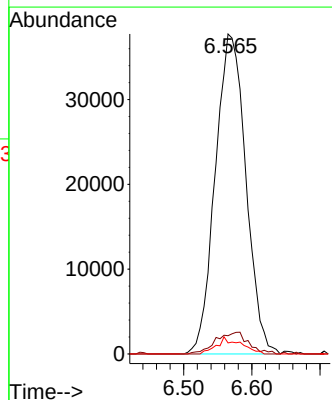
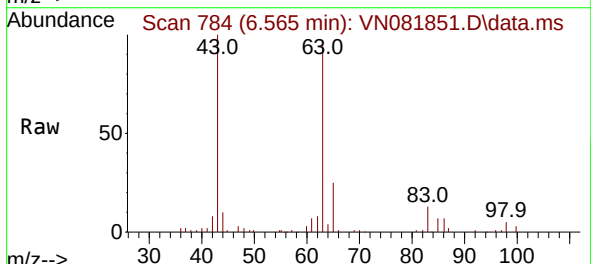
Manual Integrations
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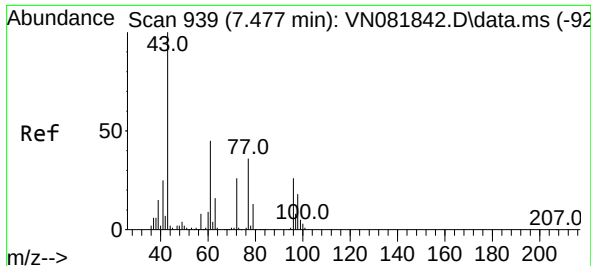
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#24
 1,1-Dichloroethane
 Concen: 19.807 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081851.D
 Acq: 25 Apr 2024 15:19

Tgt Ion: 63 Resp: 117831
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.6 10.9
 100 3.5 2.6 7.8





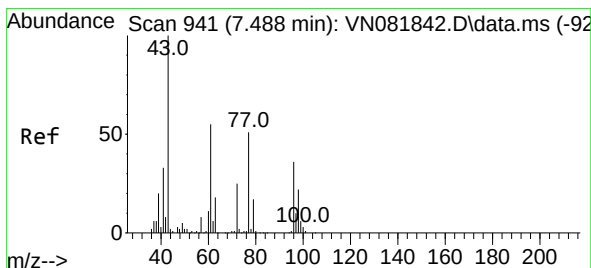
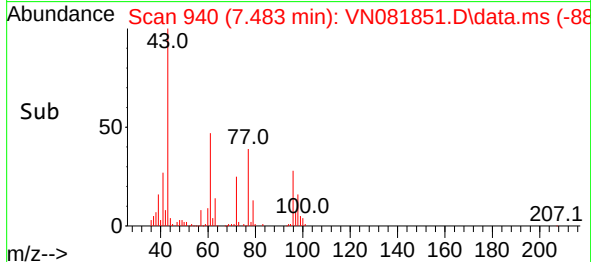
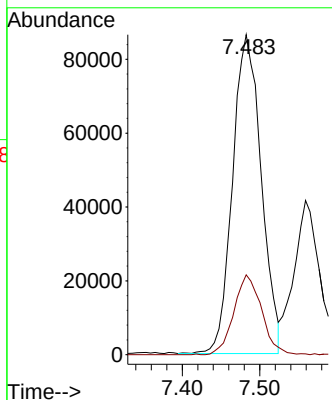
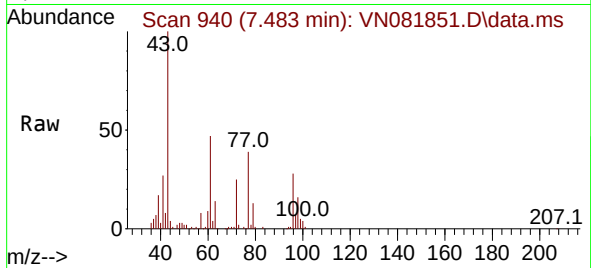
#25
2-Butanone
Concen: 100.543 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 43 Resp: 222043
Ion Ratio Lower Upper
43 100
72 25.0 25.3 37.9

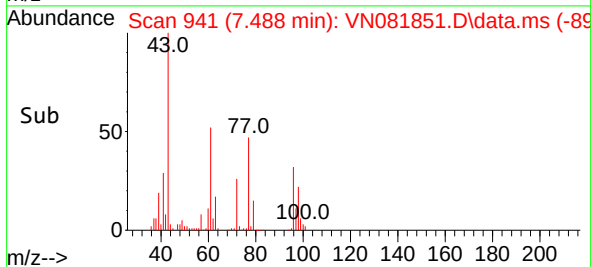
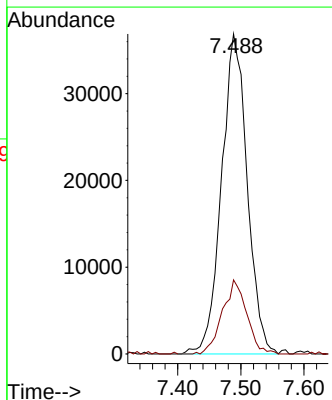
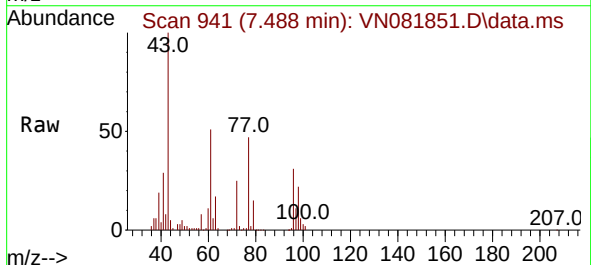
Manual Integrations
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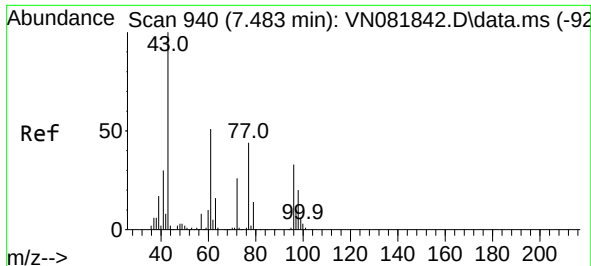
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#26
2,2-Dichloropropane
Concen: 19.039 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

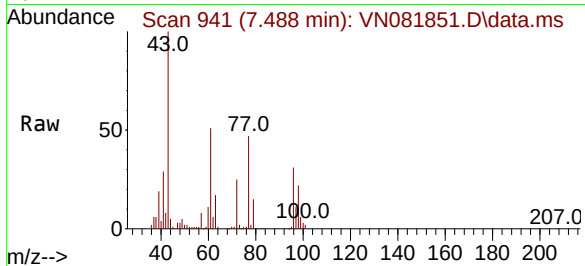
Tgt Ion: 77 Resp: 104190
Ion Ratio Lower Upper
77 100
97 21.9 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.004 ug/l
 RT: 7.488 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN081851.D
 Acq: 25 Apr 2024 15:19

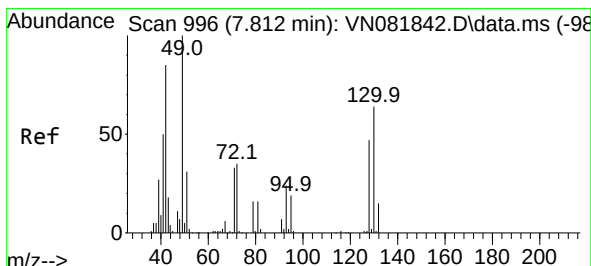
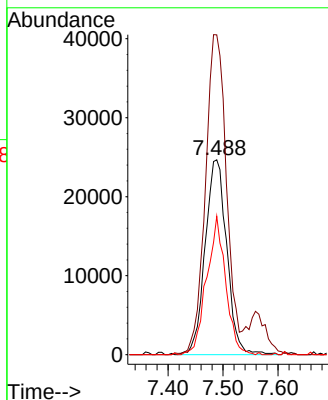
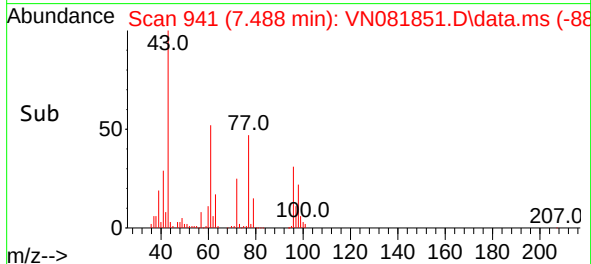
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01



Tgt Ion: 96 Resp: 67610
 Ion Ratio Lower Upper
 96 100
 61 160.7 0.0 268.0
 98 62.5 0.0 126.8

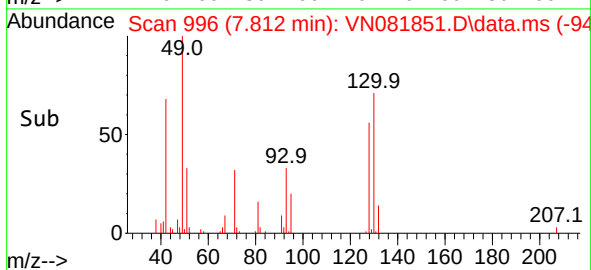
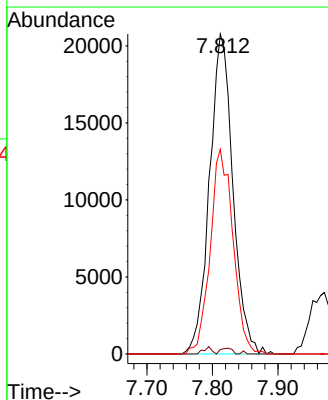
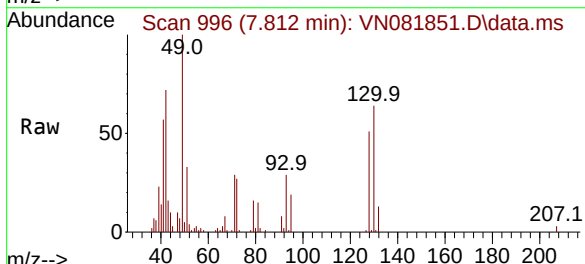
Manual Integrations
 APPROVED

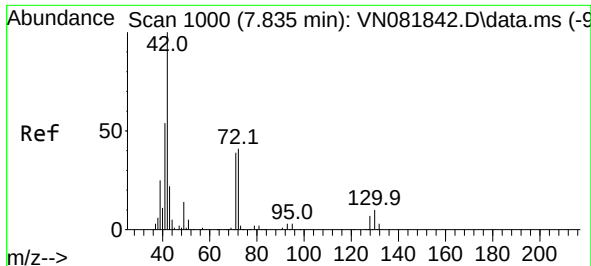
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#28
 Bromochloromethane
 Concen: 18.158 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081851.D
 Acq: 25 Apr 2024 15:19

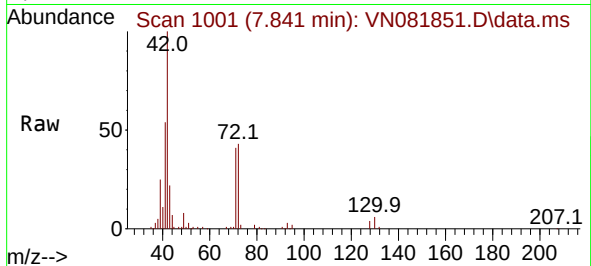
Tgt Ion: 49 Resp: 51339
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 62.4 66.7 100.1#





#29
Tetrahydrofuran
Concen: 95.276 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

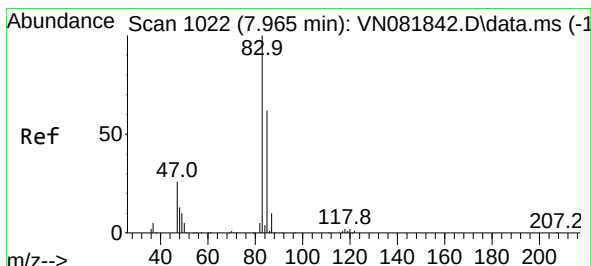
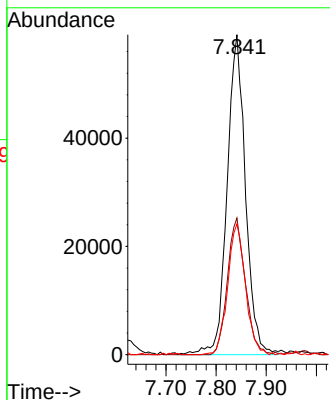
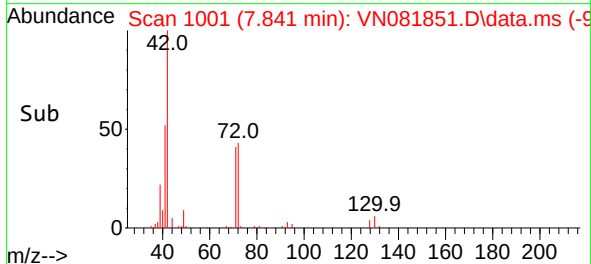
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



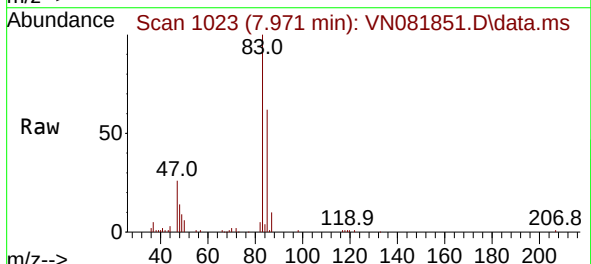
Tgt Ion: 42 Resp: 150889
Ion Ratio Lower Upper
42 100
72 41.6 39.3 58.9
71 39.5 37.4 56.0

Manual Integrations
APPROVED

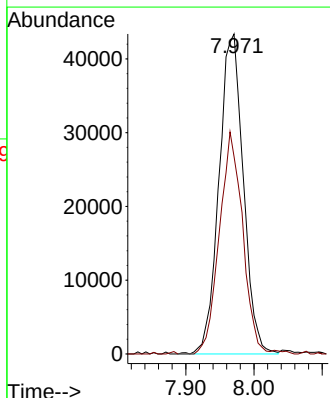
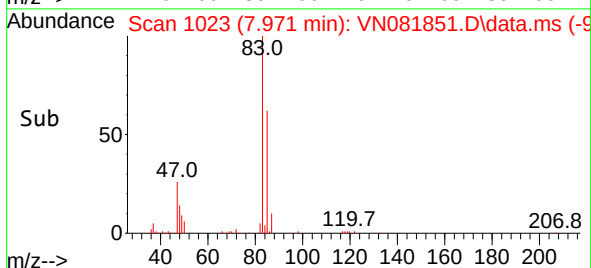
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

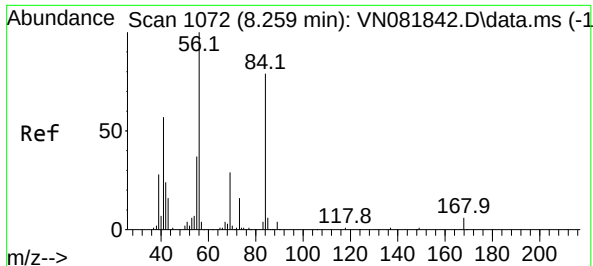


#30
Chloroform
Concen: 18.253 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19



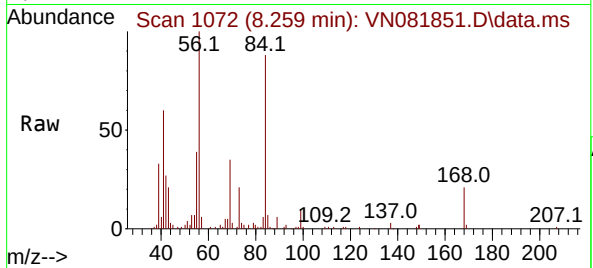
Tgt Ion: 83 Resp: 107633
Ion Ratio Lower Upper
83 100
85 61.7 50.7 76.1





#31
Cyclohexane
Concen: 18.618 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

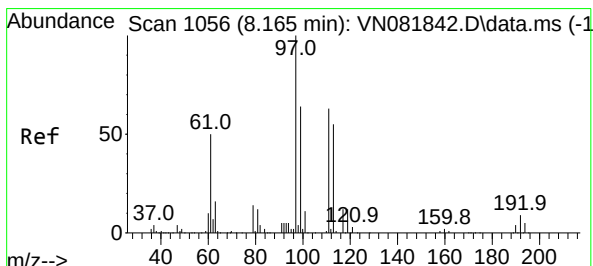
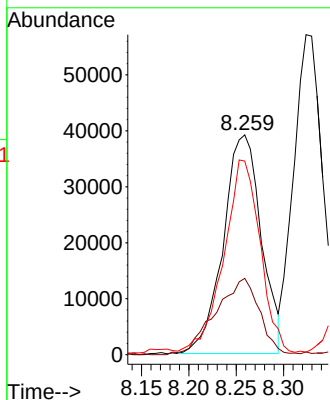
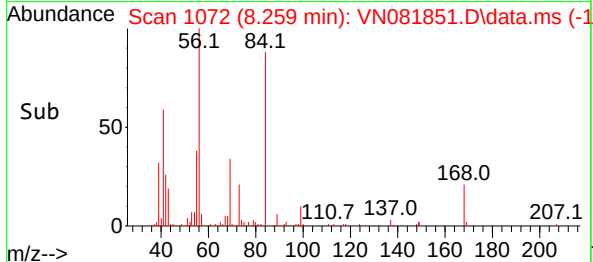
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



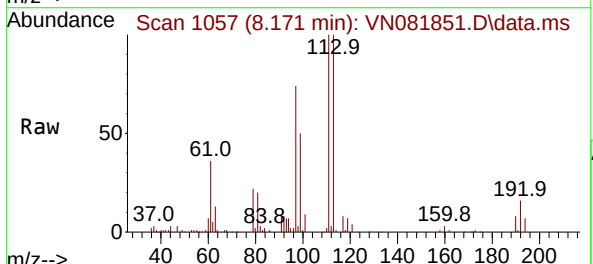
Tgt Ion: 56 Resp: 109134
Ion Ratio Lower Upper
56 100
69 33.9 24.4 36.6
84 86.9 77.0 115.4

Manual Integrations
APPROVED

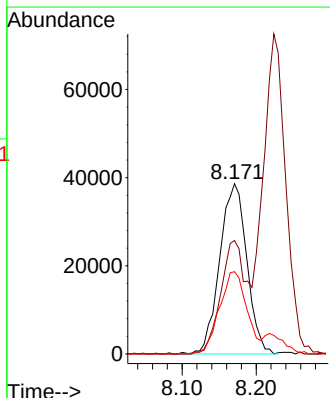
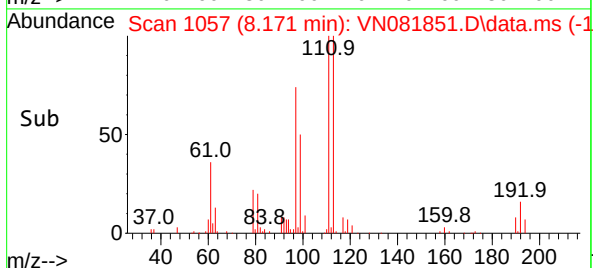
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

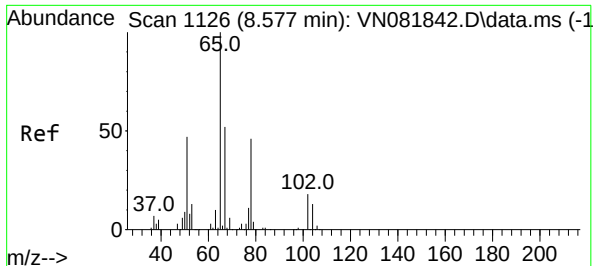


#32
1,1,1-Trichloroethane
Concen: 18.649 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19



Tgt Ion: 97 Resp: 98067
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 48.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 43.836 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tgt Ion: 65 Resp: 17056

Ion Ratio Lower Upper

65 100

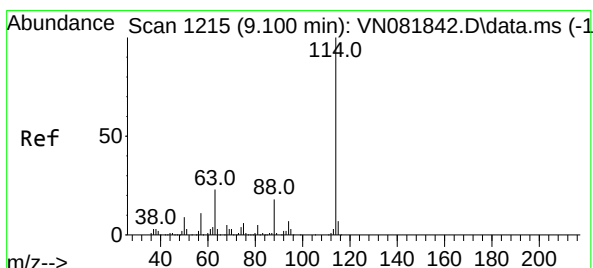
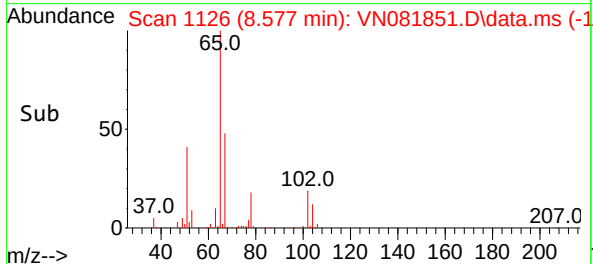
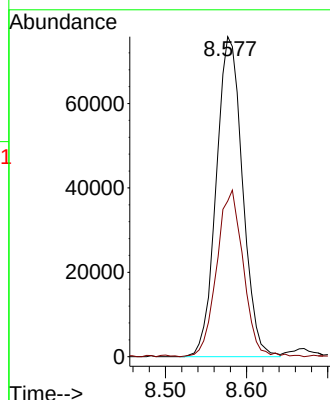
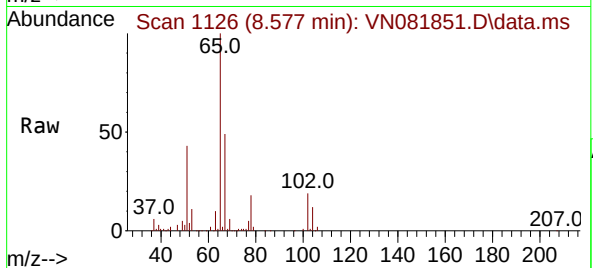
67 52.7 0.0 103.0

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: VN081851.D

Acq: 25 Apr 2024 15:19

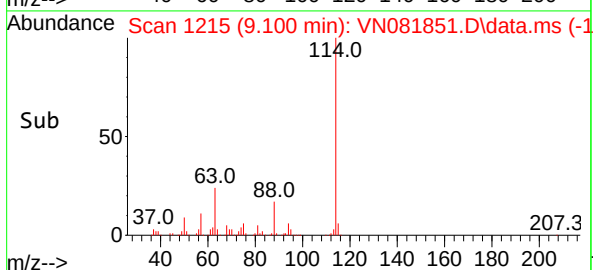
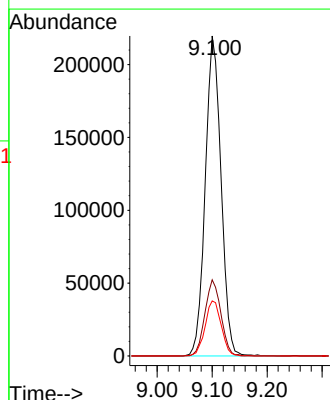
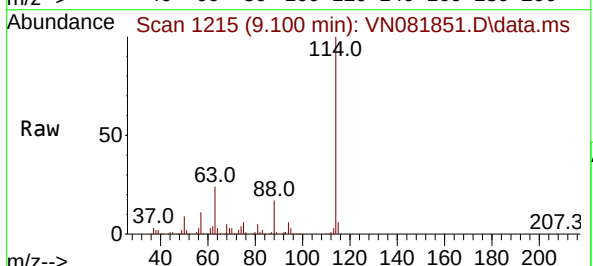
Tgt Ion:114 Resp: 437579

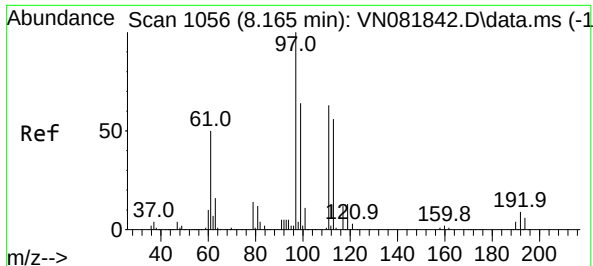
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 17.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.155 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

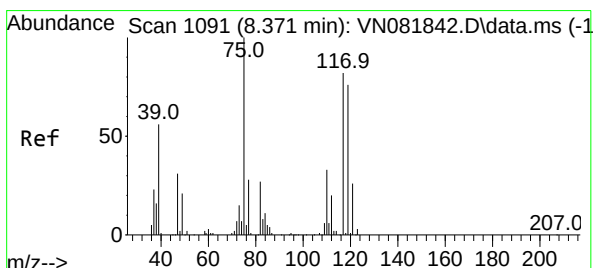
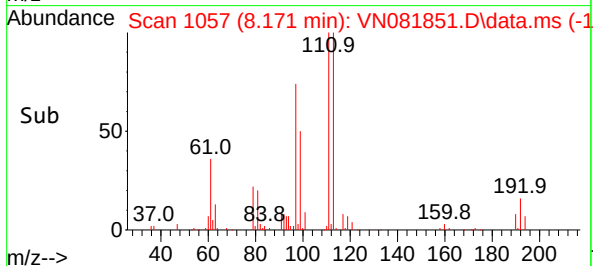
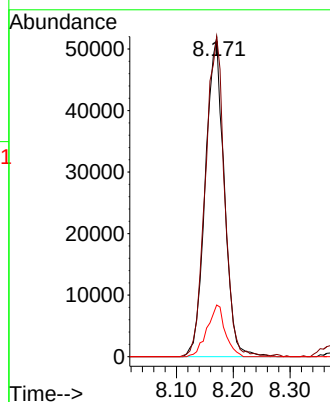
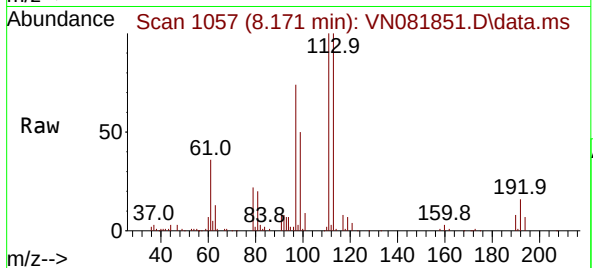
Tgt Ion: 113 Resp: 11896
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.4 125.2
 192 15.6 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#36

1,1-Dichloropropene

Concen: 18.448 ug/l

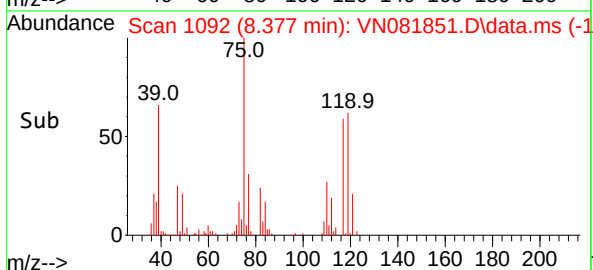
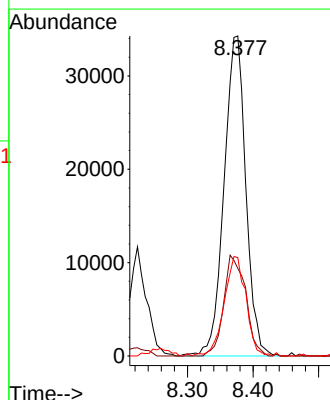
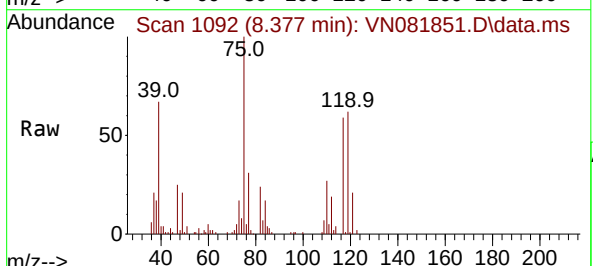
RT: 8.377 min Scan# 1092

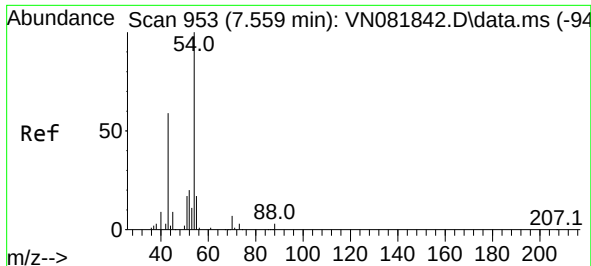
Delta R.T. 0.006 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Tgt Ion: 75 Resp: 79073
 Ion Ratio Lower Upper
 75 100
 110 31.7 17.8 53.5
 77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 20.138 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tgt Ion: 43 Resp: 9332

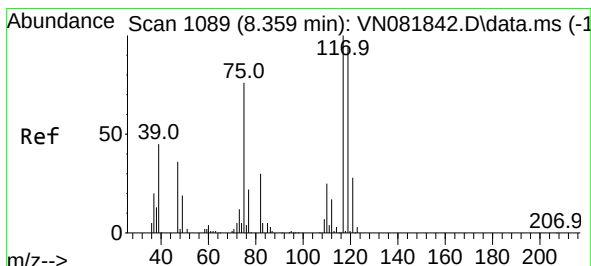
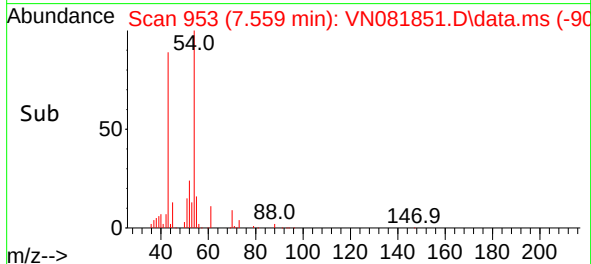
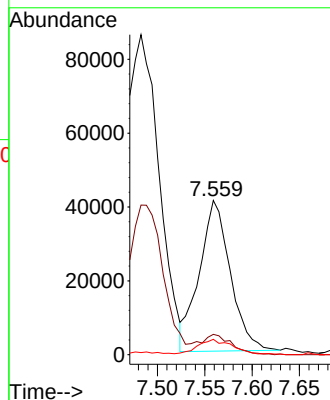
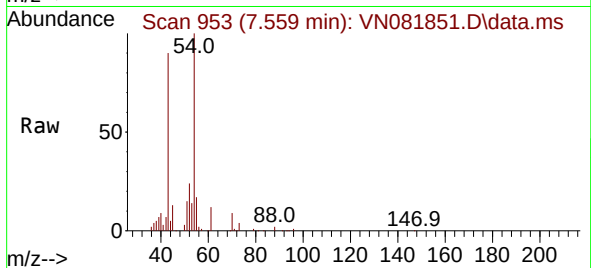
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.3	16.9
70	10.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#38

Carbon Tetrachloride

Concen: 19.259 ug/l

RT: 8.353 min Scan# 1088

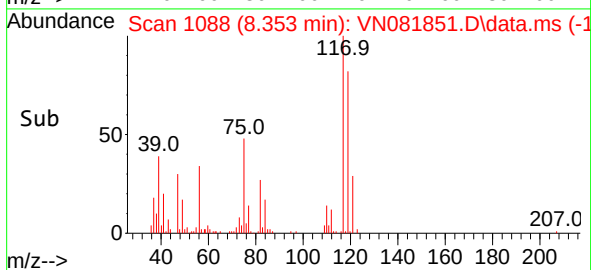
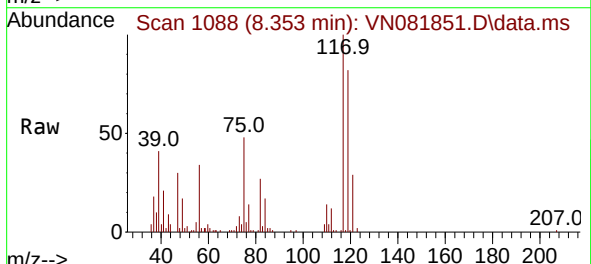
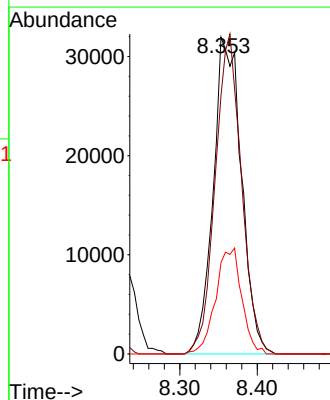
Delta R.T. -0.006 min

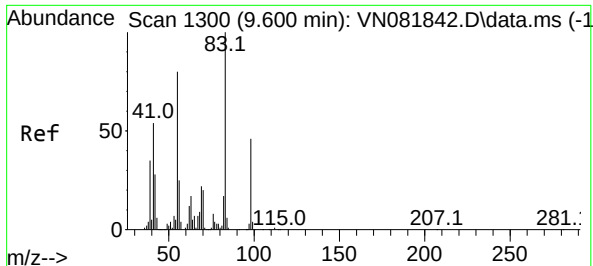
Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Tgt Ion:117 Resp: 80677

Ion	Ratio	Lower	Upper
117	100		
119	81.6	76.5	114.7
121	28.8	23.9	35.9





#39

Methylcyclohexane

Concen: 18.967 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

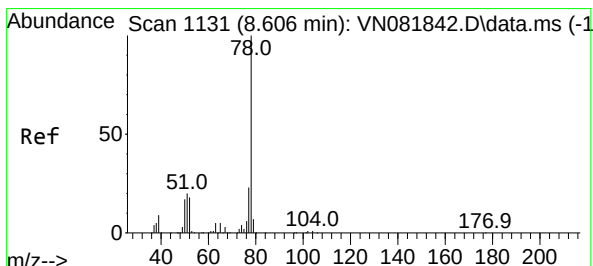
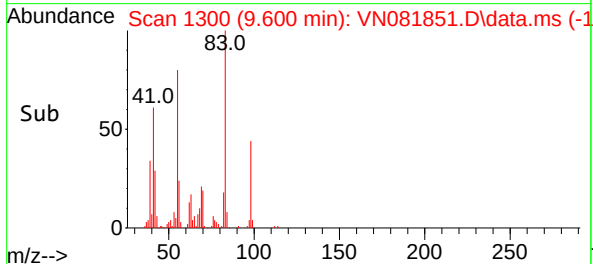
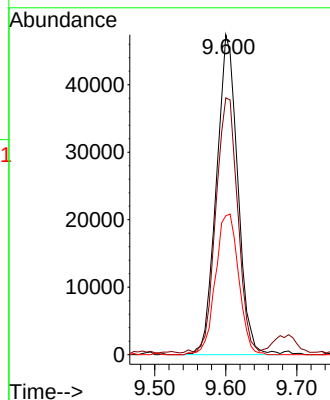
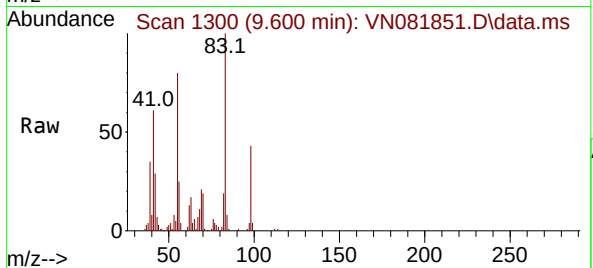
Tgt Ion: 83	Resp: 9873
Ion Ratio	Lower Upper
83 100	
55 79.7	53.0 79.6
98 43.4	37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#40

Benzene

Concen: 19.101 ug/l

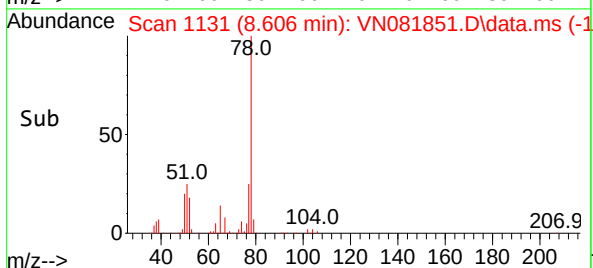
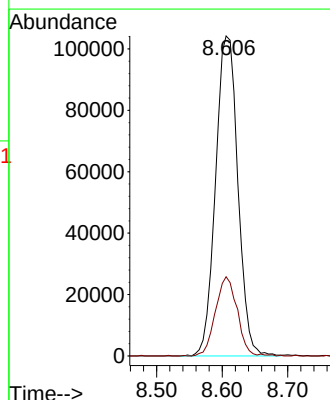
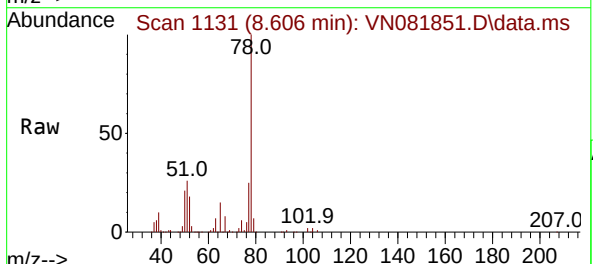
RT: 8.606 min Scan# 1131

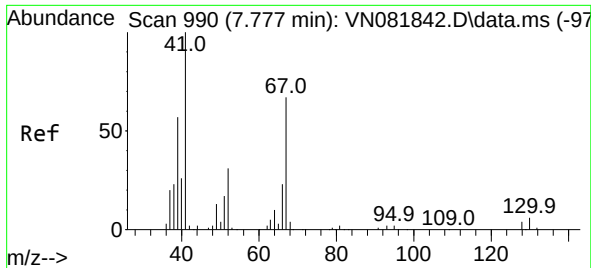
Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Tgt Ion: 78	Resp: 245771
Ion Ratio	Lower Upper
78 100	
77 24.7	20.0 30.0





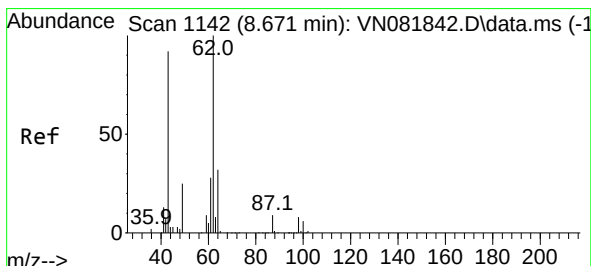
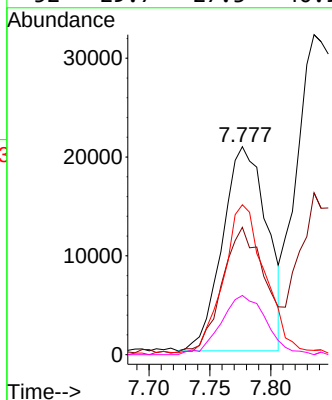
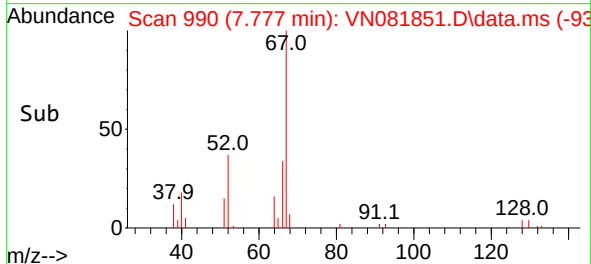
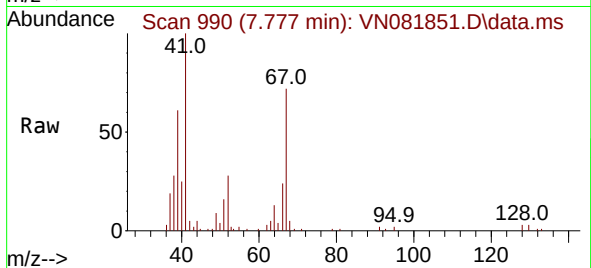
#41
Methacrylonitrile
Concen: 17.771 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 41	Resp: 5254
Ion Ratio	Lower Upper
41 100	
39 62.3	46.6 69.8
67 69.9	67.3 100.9
52 29.7	27.3 40.9

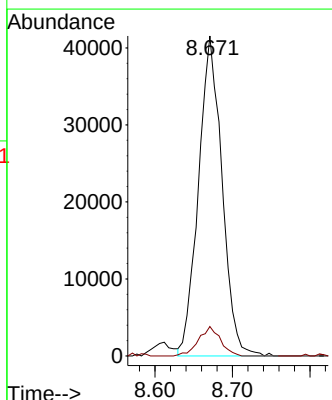
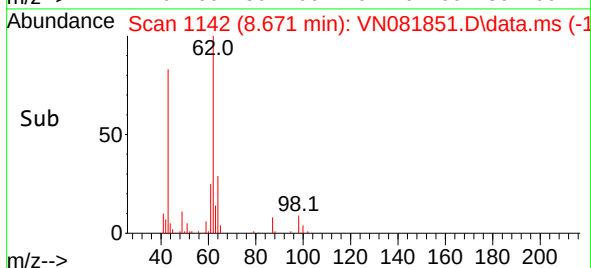
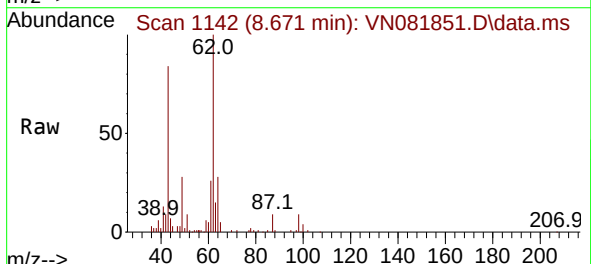
Manual Integrations
APPROVED

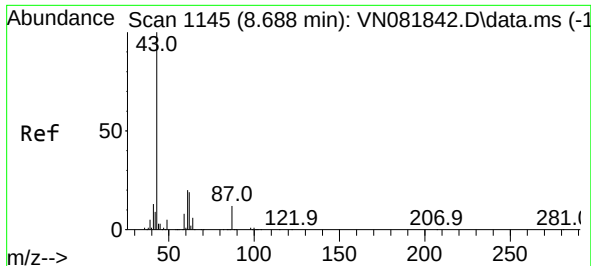
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#42
1,2-Dichloroethane
Concen: 18.364 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

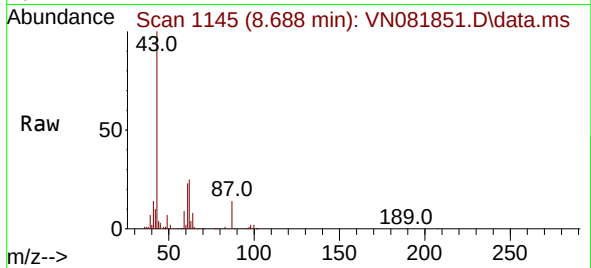
Tgt Ion: 62	Resp: 87743
Ion Ratio	Lower Upper
62 100	
98 8.5	0.0 19.6





#43
Isopropyl Acetate
Concen: 19.374 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

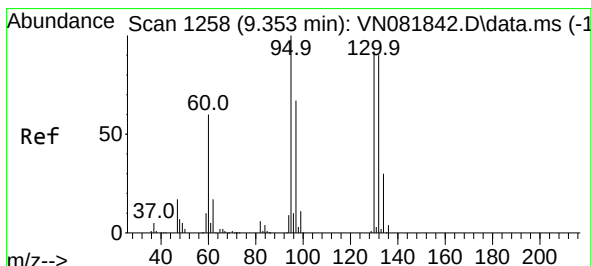
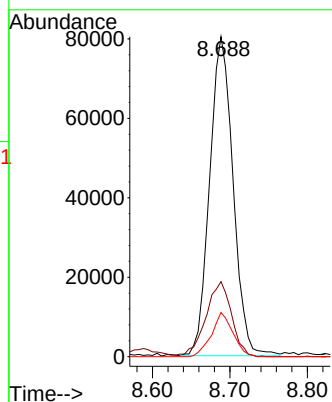
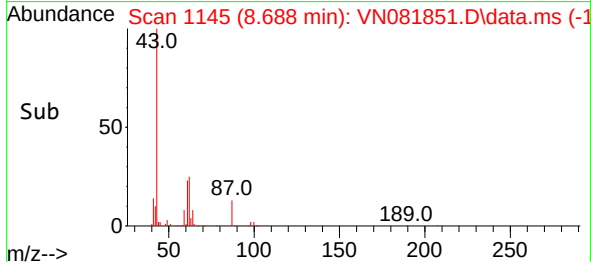
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 43 Resp: 168818
Ion Ratio Lower Upper
43 100
61 25.7 22.8 34.2
87 12.7 12.0 18.0

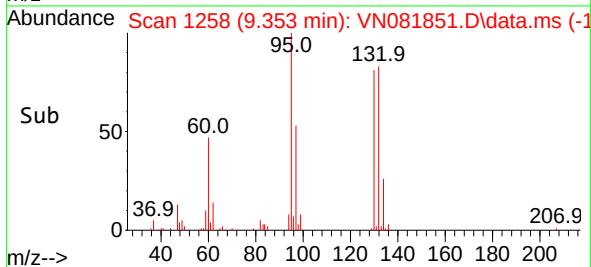
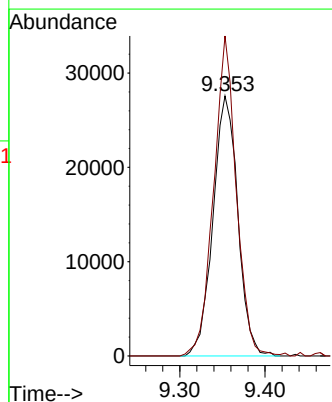
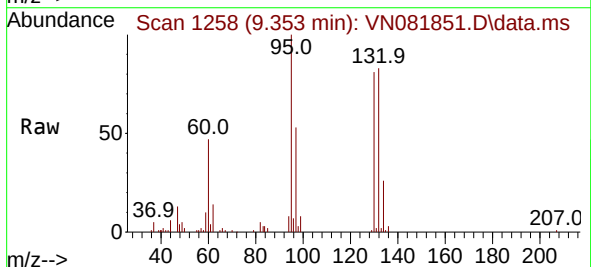
Manual Integrations
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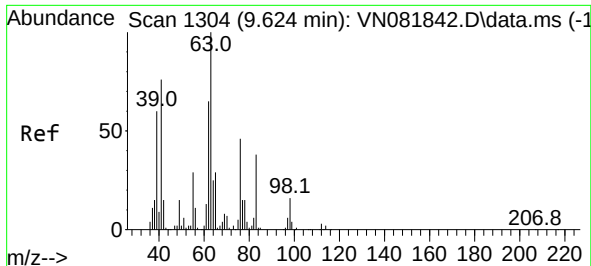
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#44
Trichloroethene
Concen: 18.812 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion:130 Resp: 55805
Ion Ratio Lower Upper
130 100
95 123.1 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.701 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tgt Ion: 63 Resp: 6634

Ion Ratio Lower Upper

63 100

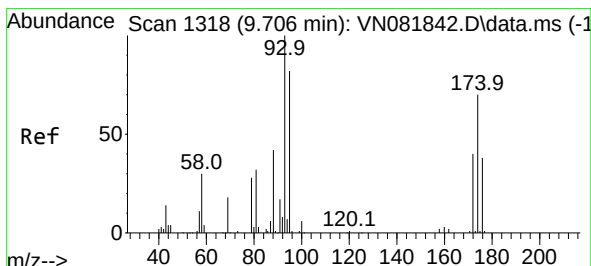
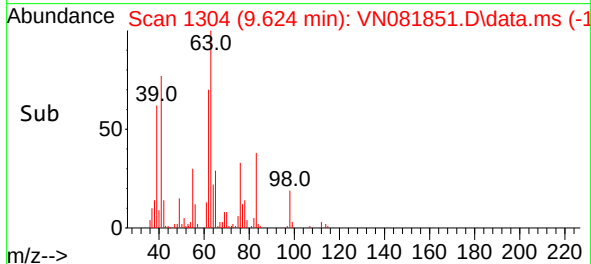
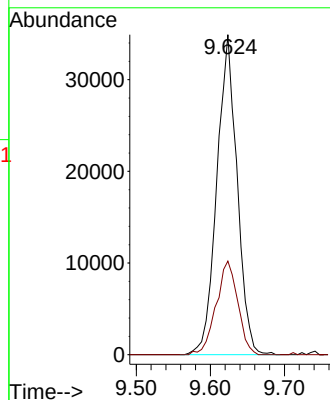
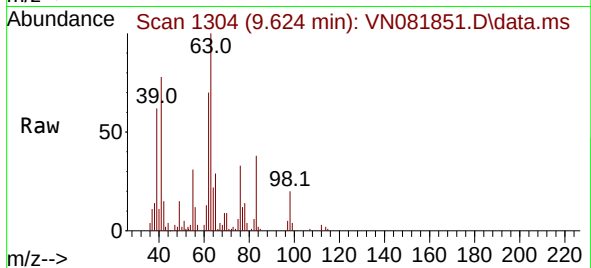
65 29.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#46

Dibromomethane

Concen: 18.290 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

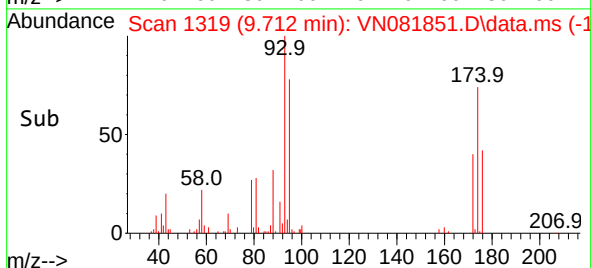
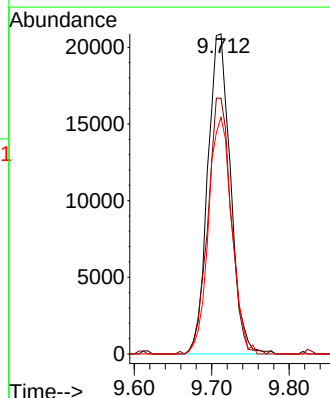
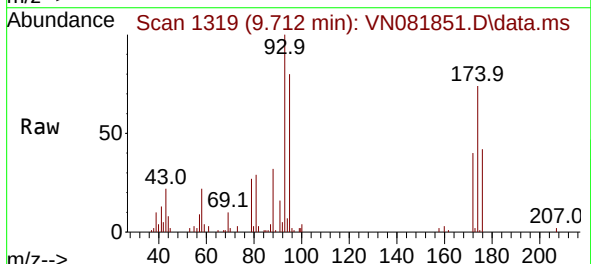
Tgt Ion: 93 Resp: 42569

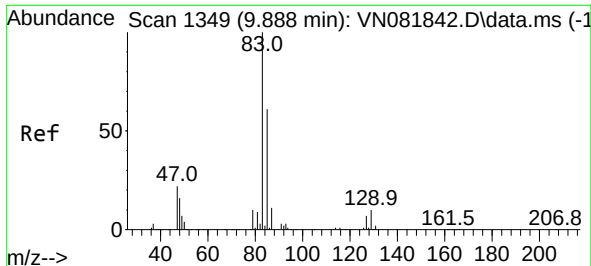
Ion Ratio Lower Upper

93 100

95 82.0 64.8 97.2

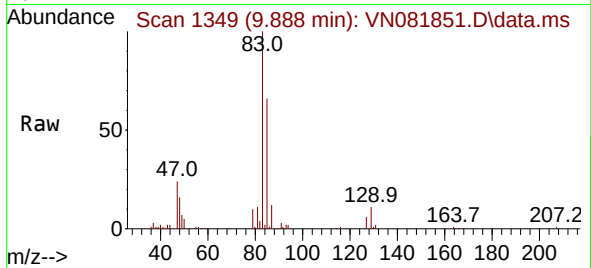
174 75.6 73.4 110.0





#47
Bromodichloromethane
Concen: 18.601 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

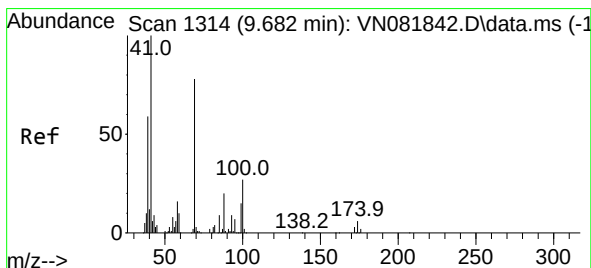
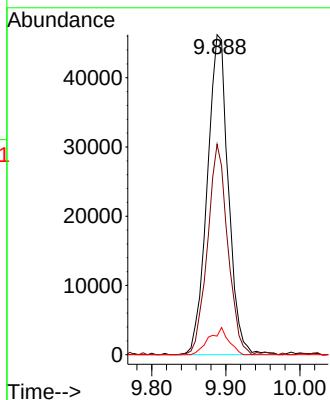
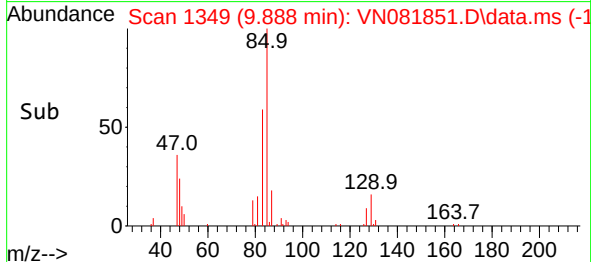
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 83 Resp: 91300
Ion Ratio Lower Upper
83 100
85 65.7 51.9 77.9
127 5.8 7.5 11.3

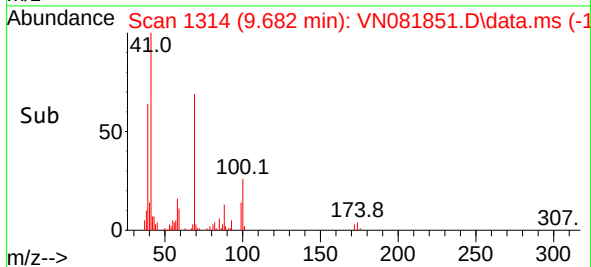
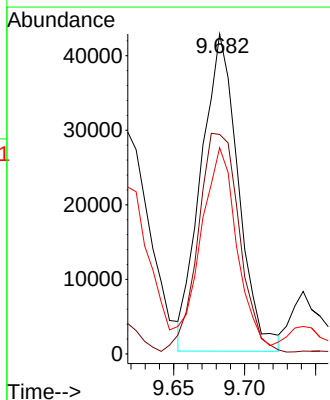
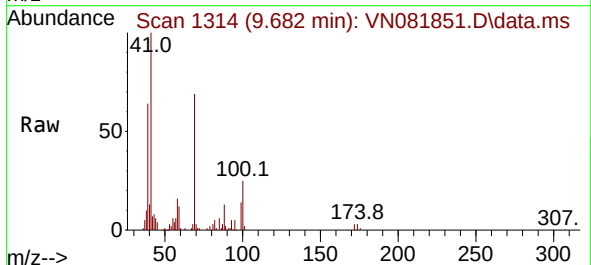
Manual Integrations
APPROVED

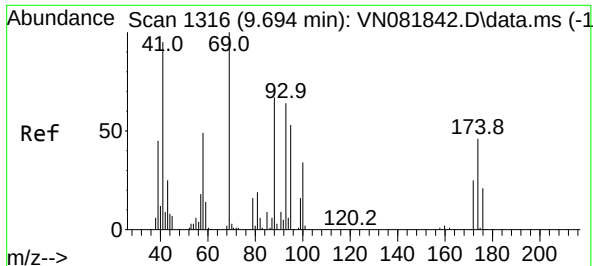
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#48
Methyl methacrylate
Concen: 18.664 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion: 41 Resp: 77639
Ion Ratio Lower Upper
41 100
69 76.1 77.9 116.9#
39 64.1 50.9 76.3





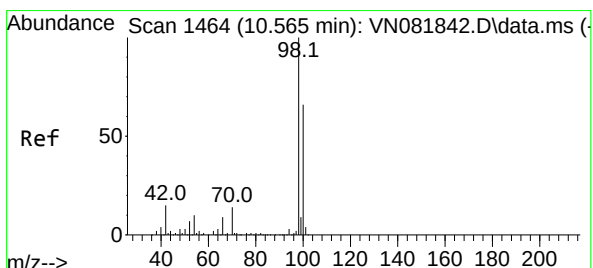
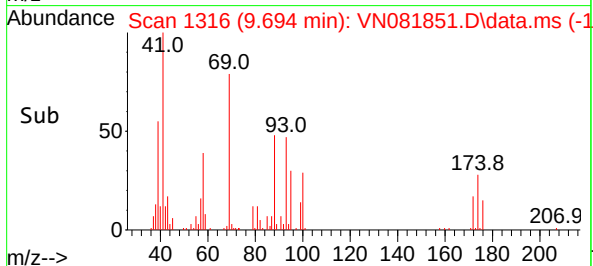
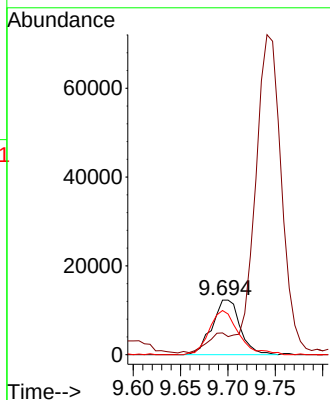
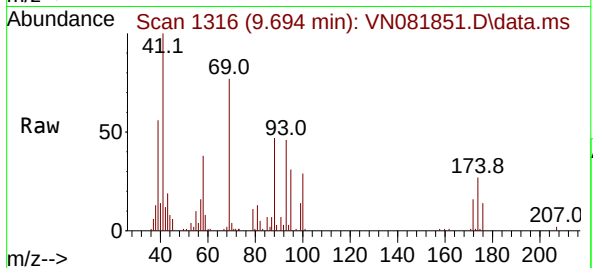
#49
1,4-Dioxane
Concen: 399.557 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 88 Resp: 2526
Ion Ratio Lower Upper
88 100
43 27.6 19.0 28.6
58 84.4 50.6 76.0

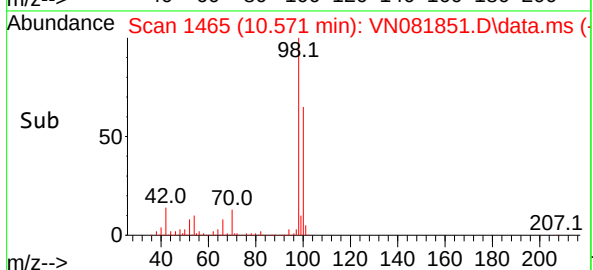
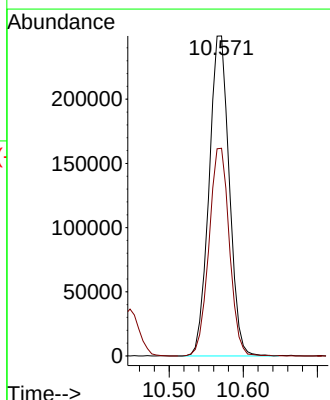
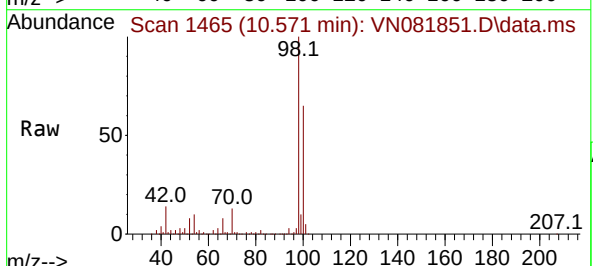
Manual Integrations
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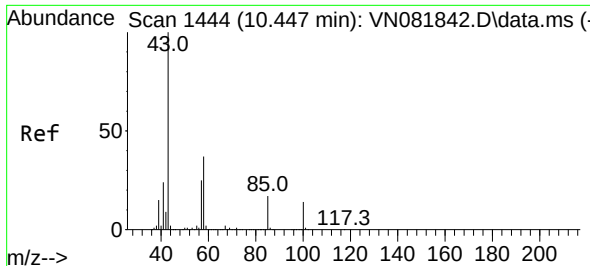
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#50
Toluene-d8
Concen: 45.582 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion: 98 Resp: 471649
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6





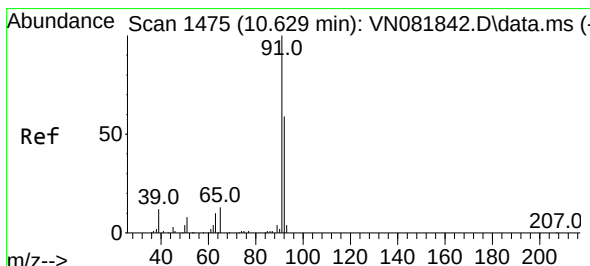
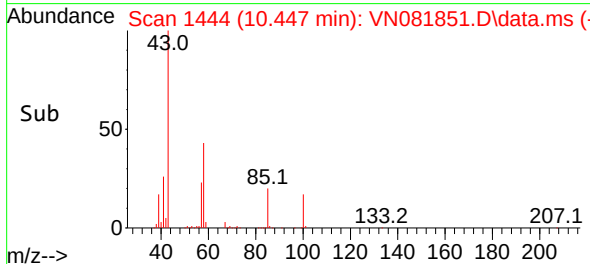
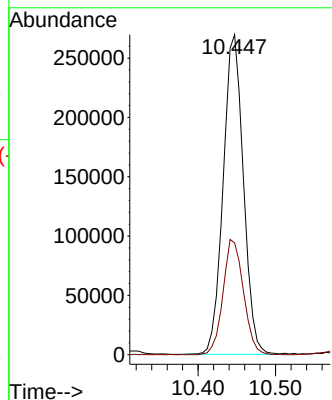
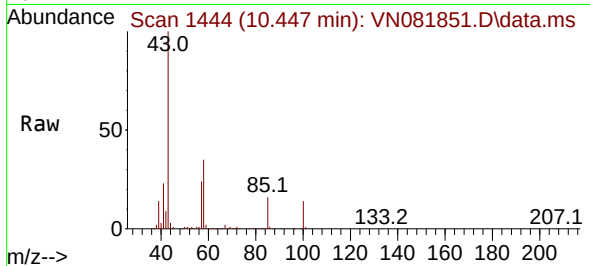
#51
4-Methyl-2-Pentanone
Concen: 99.926 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 43 Resp: 490168
Ion Ratio Lower Upper
43 100
58 36.4 33.2 49.8

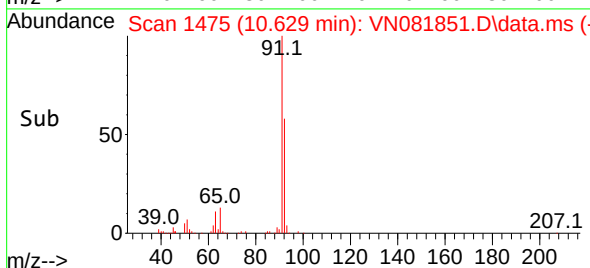
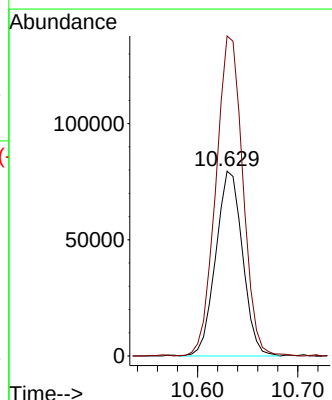
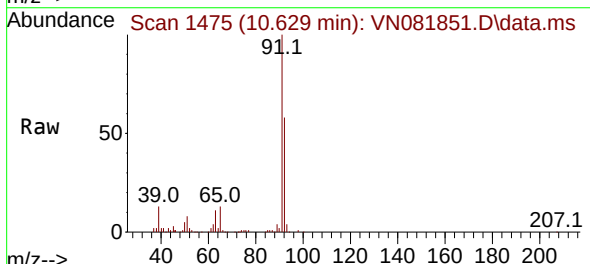
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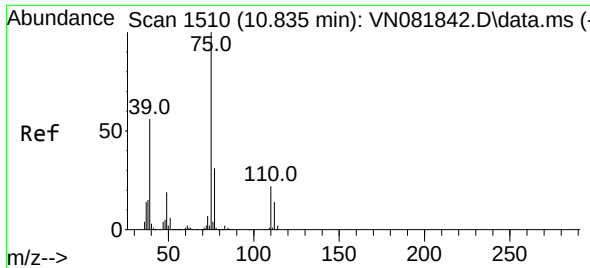
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#52
Toluene
Concen: 19.109 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

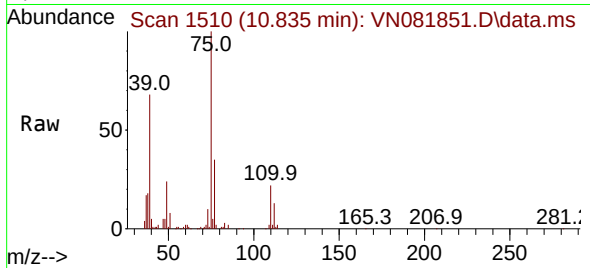
Tgt Ion: 92 Resp: 147239
Ion Ratio Lower Upper
92 100
91 174.8 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 18.679 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

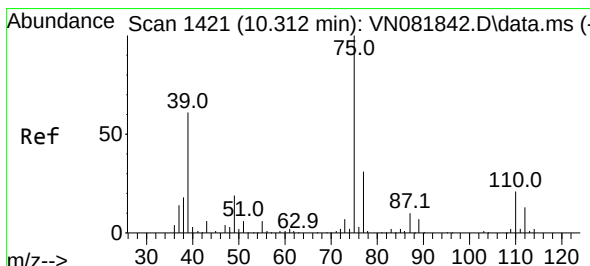
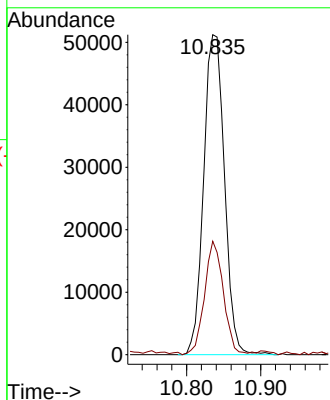
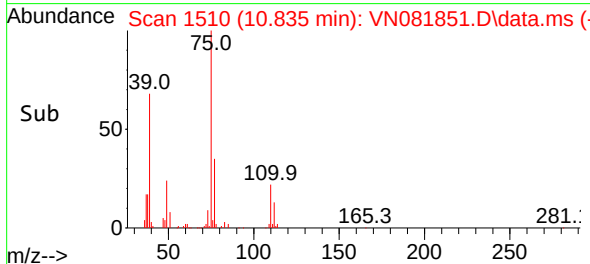
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 75 Resp: 9976
Ion Ratio Lower Upper
75 100
77 35.4 25.4 38.0

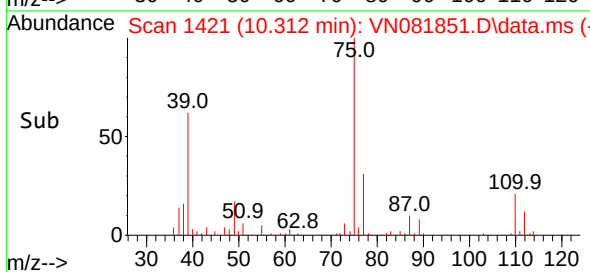
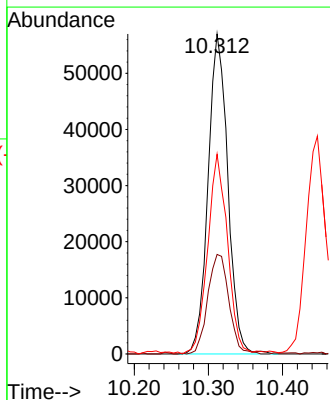
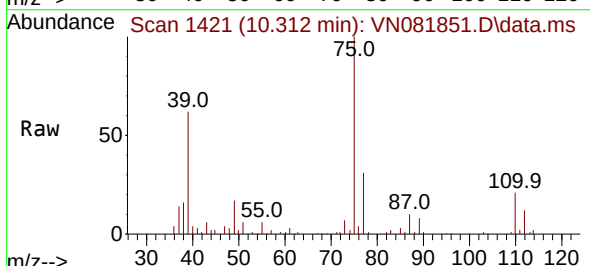
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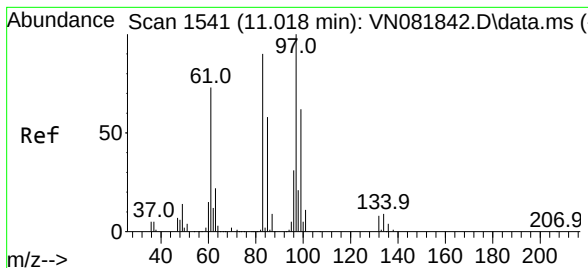
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#54
cis-1,3-Dichloropropene
Concen: 19.164 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion: 75 Resp: 105491
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 62.0 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 18.503 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

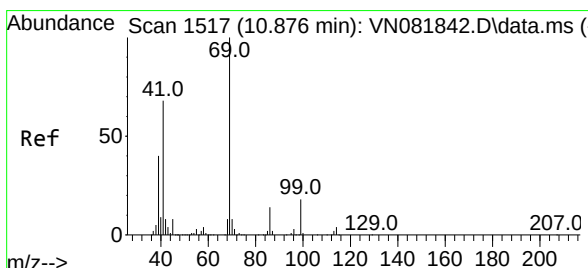
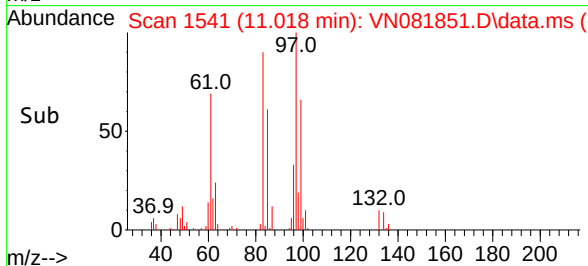
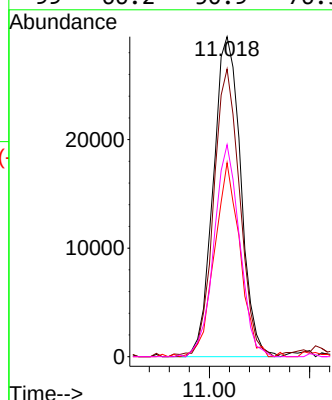
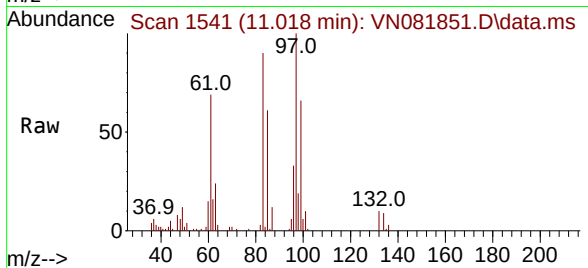
Tgt Ion: 97	Resp: 5607
Ion Ratio	Lower Upper
97 100	
83 89.2	70.4 105.6
85 60.6	45.6 68.4
99 66.2	50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#56

Ethyl methacrylate

Concen: 18.635 ug/l

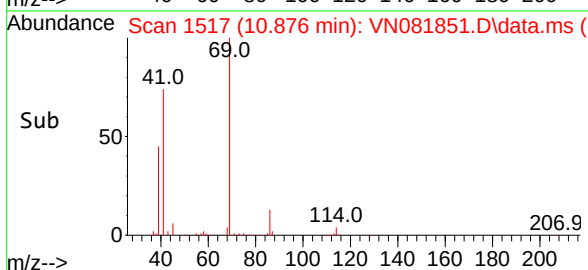
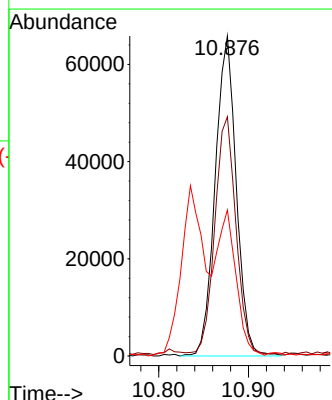
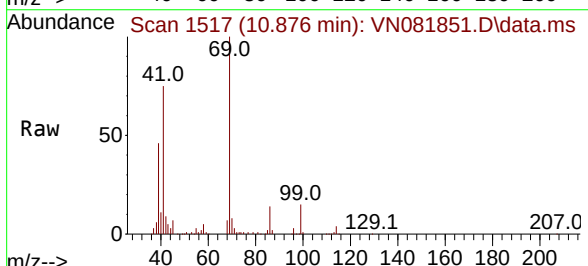
RT: 10.876 min Scan# 1517

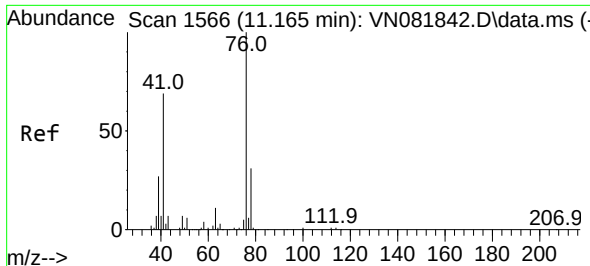
Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Tgt Ion: 69	Resp: 107529
Ion Ratio	Lower Upper
69 100	
41 73.6	46.6 70.0#
39 40.1	26.5 39.7#





#57

1,3-Dichloropropane

Concen: 19.035 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tgt Ion: 76 Resp: 10255

Ion Ratio Lower Upper

76 100

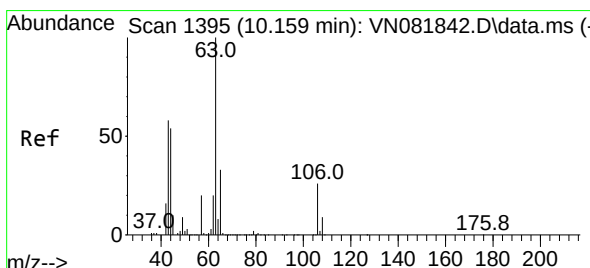
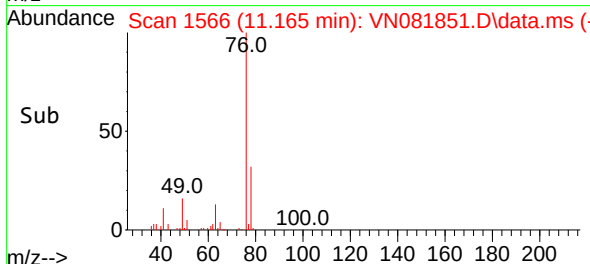
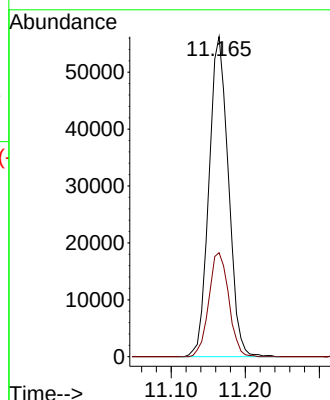
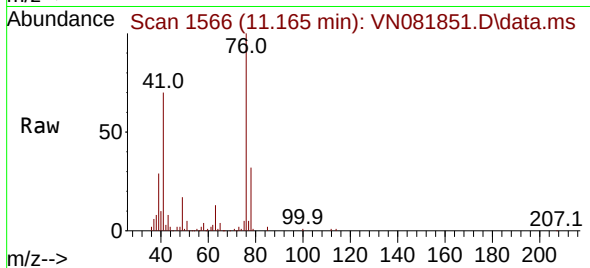
78 33.2 25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 91.853 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081851.D

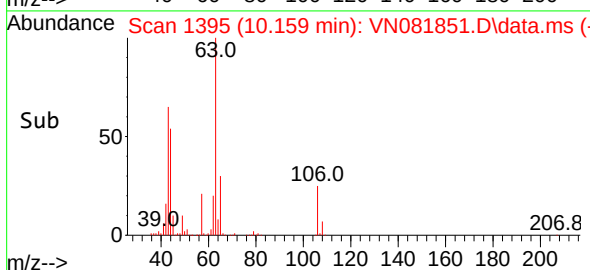
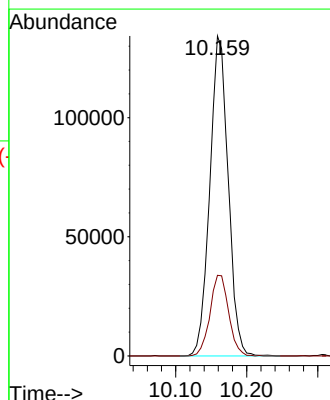
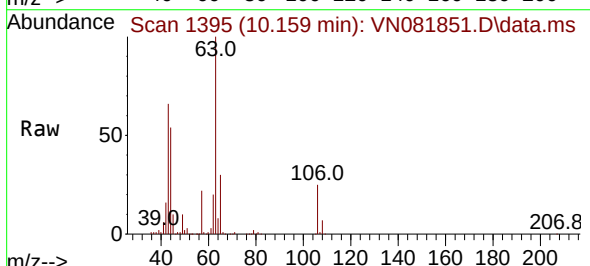
Acq: 25 Apr 2024 15:19

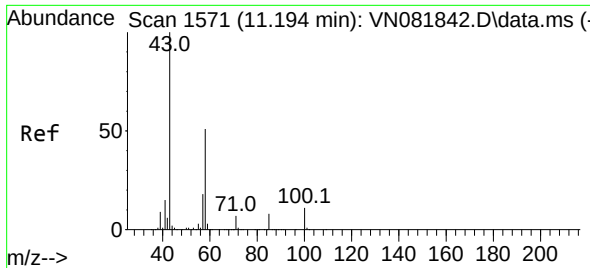
Tgt Ion: 63 Resp: 241456

Ion Ratio Lower Upper

63 100

106 25.6 24.6 36.8





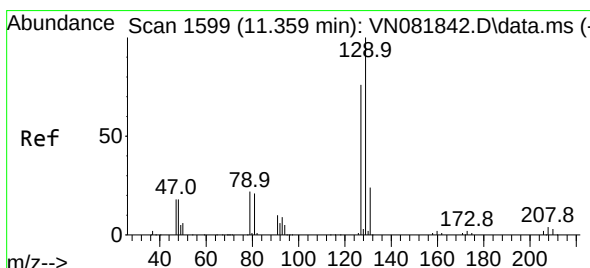
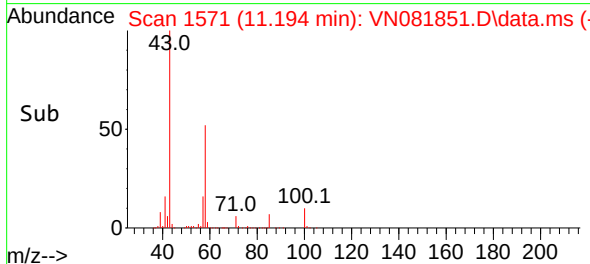
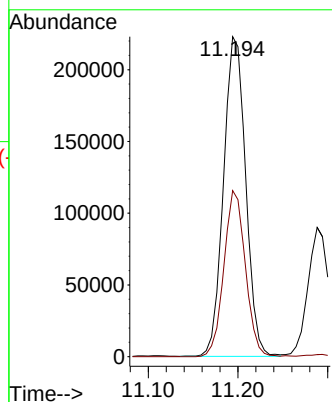
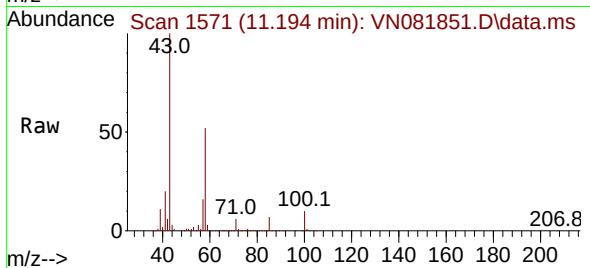
#59
2-Hexanone
Concen: 104.750 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 43 Resp: 38239
Ion Ratio Lower Upper
43 100
58 50.5 28.3 84.9

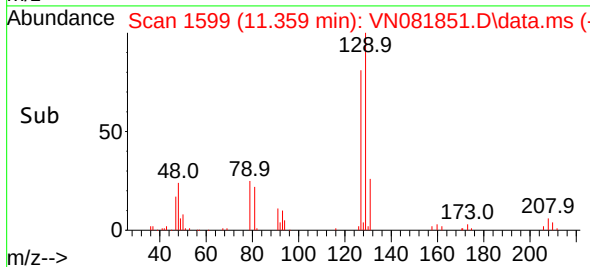
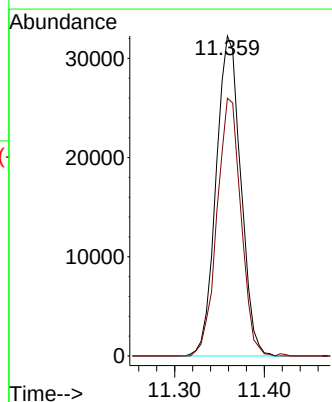
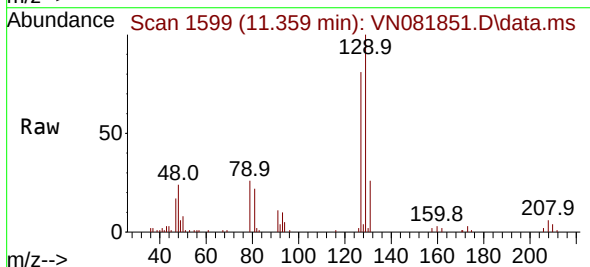
Manual Integrations
APPROVED

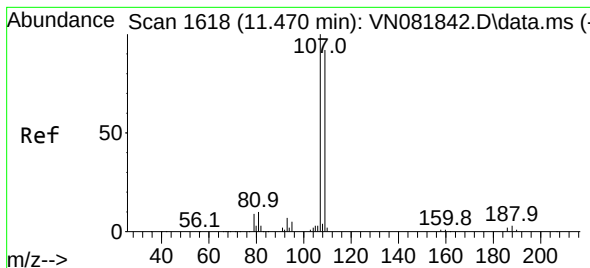
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#60
Dibromochloromethane
Concen: 19.188 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion:129 Resp: 61588
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.8





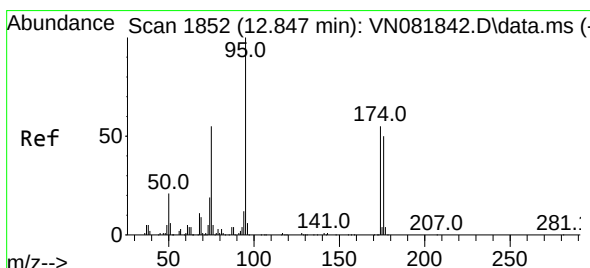
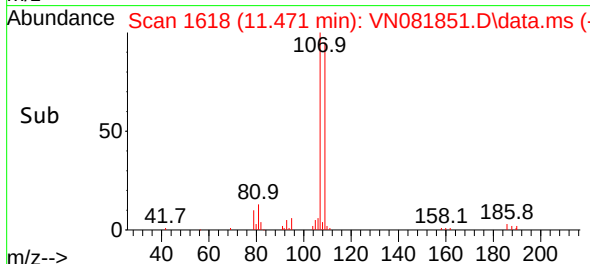
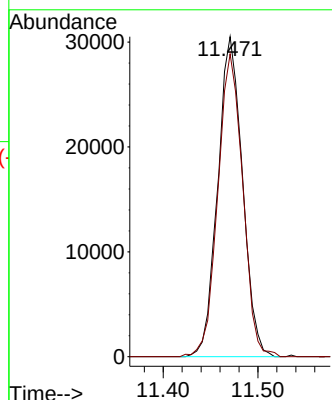
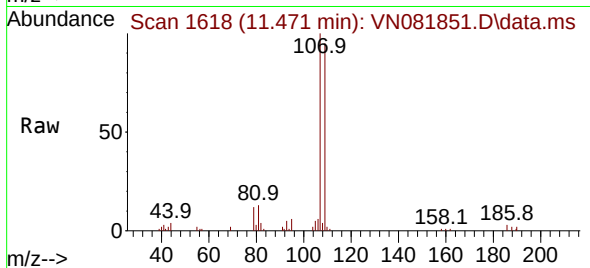
#61
1,2-Dibromoethane
Concen: 19.117 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion:107 Resp: 55402
Ion Ratio Lower Upper
107 100
109 95.1 75.8 113.6

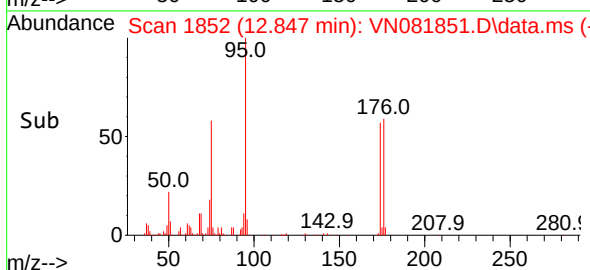
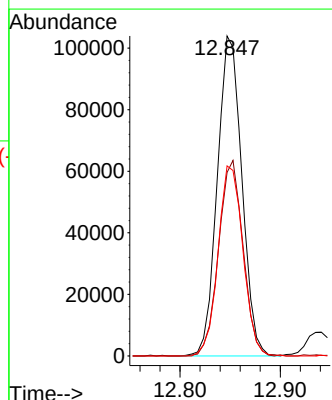
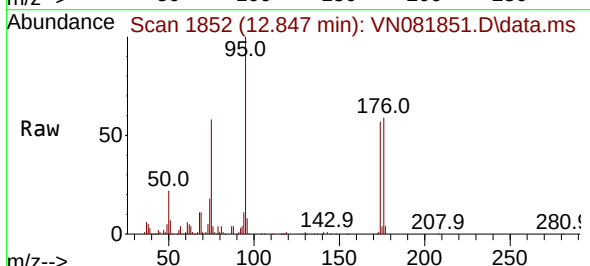
Manual Integrations
APPROVED

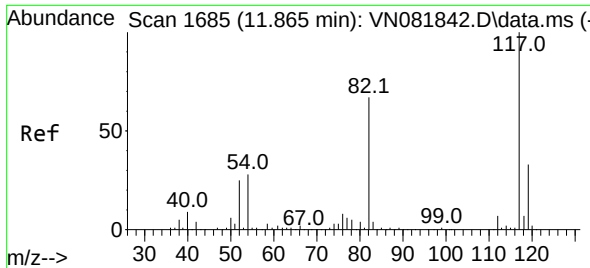
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#62
4-Bromofluorobenzene
Concen: 43.155 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

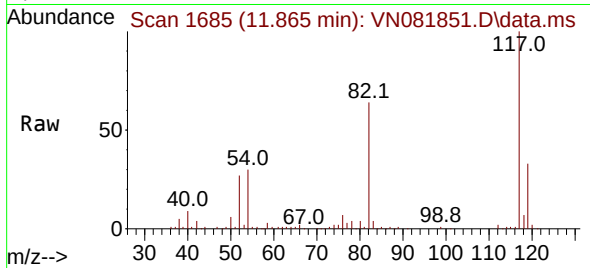
Tgt Ion: 95 Resp: 176517
Ion Ratio Lower Upper
95 100
174 60.8 0.0 160.6
176 60.2 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

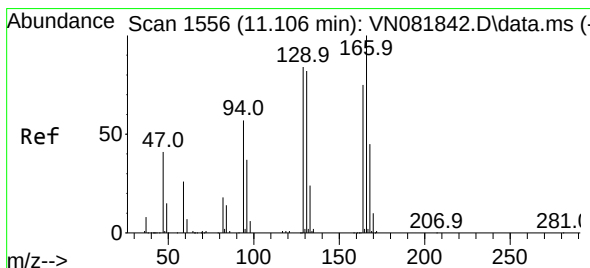
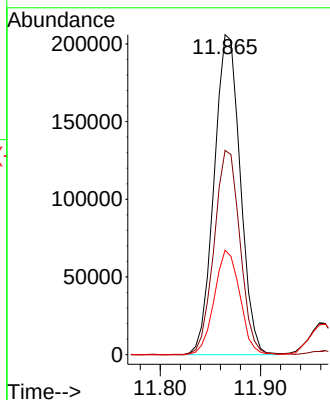
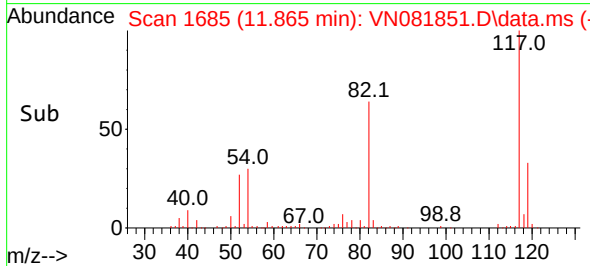
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion:117 Resp: 37310
Ion Ratio Lower Upper
117 100
82 63.7 44.6 66.8
119 32.7 25.9 38.9

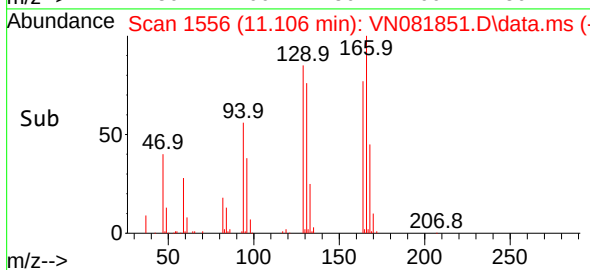
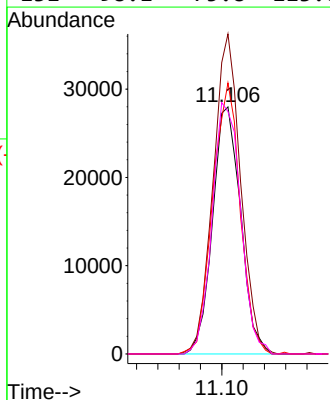
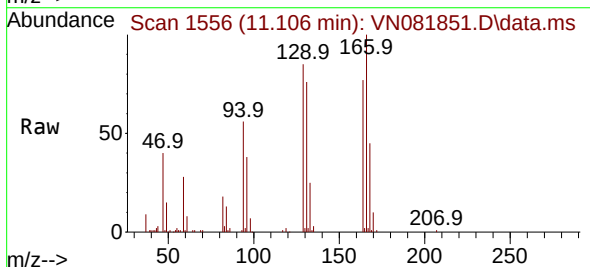
Manual Integrations
APPROVED

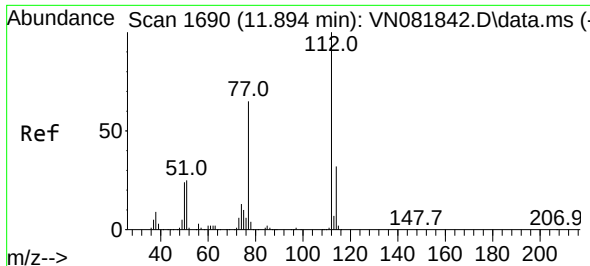
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#64
Tetrachloroethene
Concen: 18.861 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

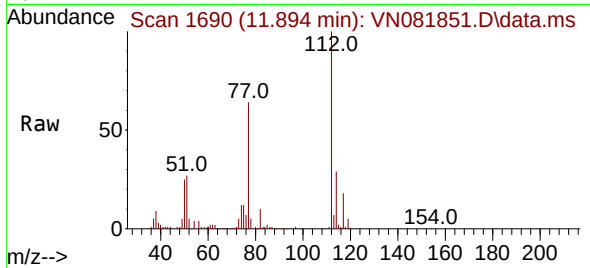
Tgt Ion:164 Resp: 51110
Ion Ratio Lower Upper
164 100
166 129.6 97.6 146.4
129 109.7 73.7 110.5
131 98.1 75.8 113.6





#65
Chlorobenzene
Concen: 19.135 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

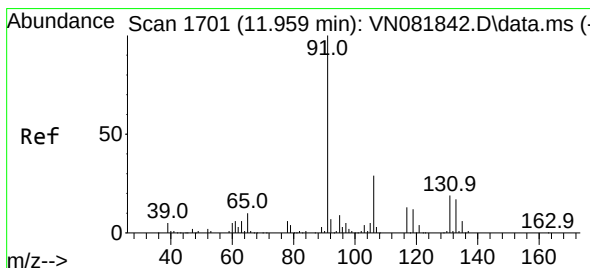
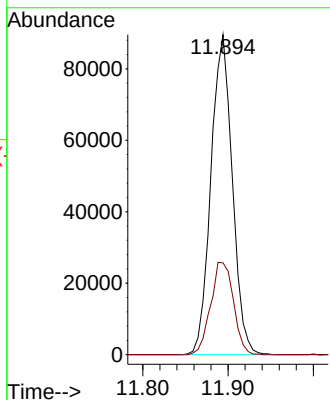
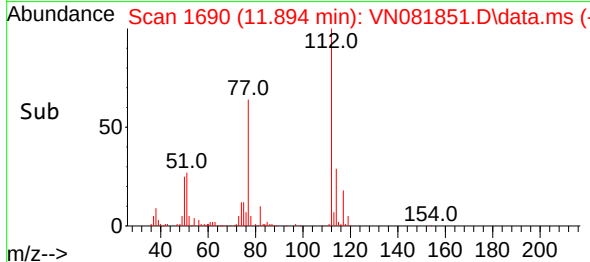
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion:112 Resp: 15590
Ion Ratio Lower Upper
112 100
114 28.7 25.7 38.5

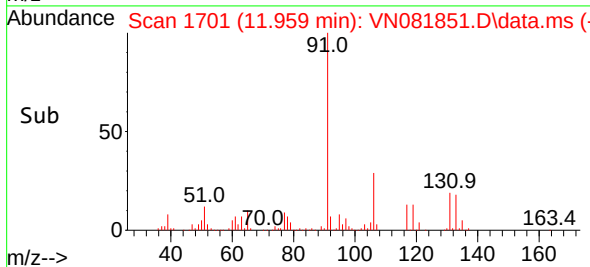
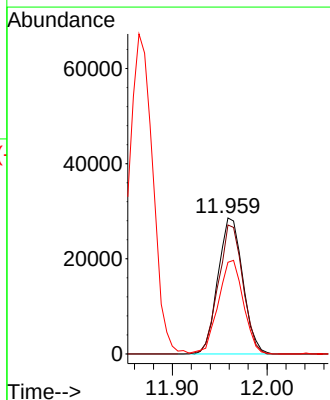
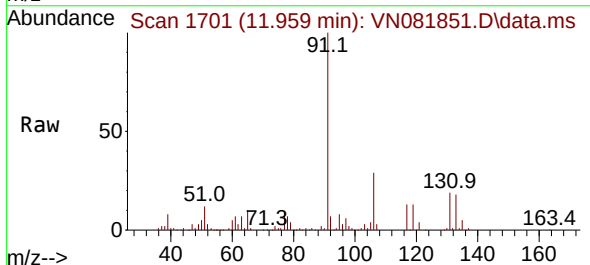
Manual Integrations
APPROVED

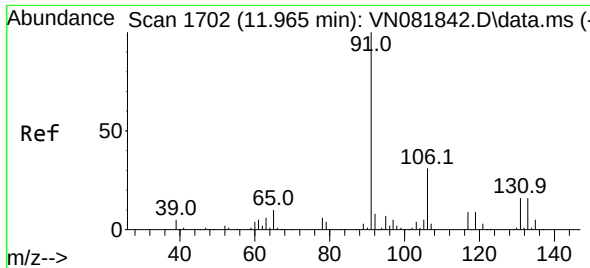
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.697 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion:131 Resp: 52158
Ion Ratio Lower Upper
131 100
133 93.6 47.5 142.6
119 69.6 32.9 98.7





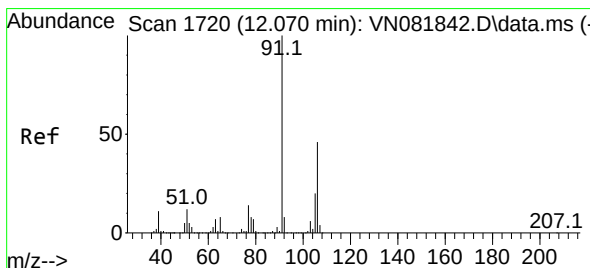
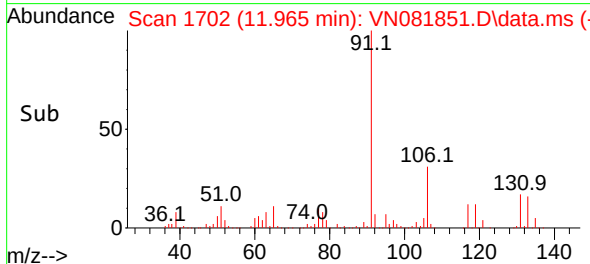
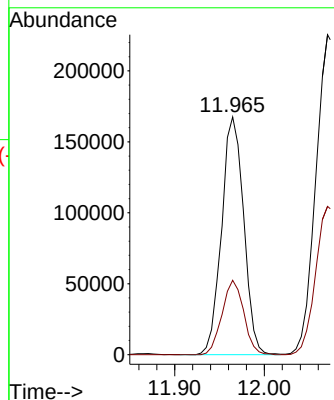
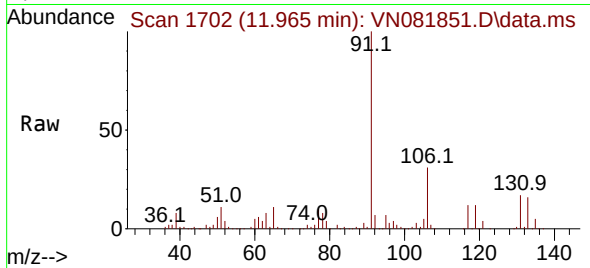
#67
Ethyl Benzene
Concen: 18.918 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 91 Resp: 28666
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

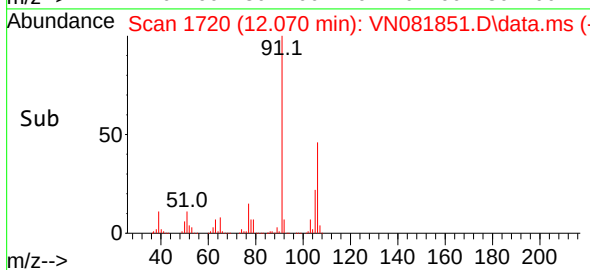
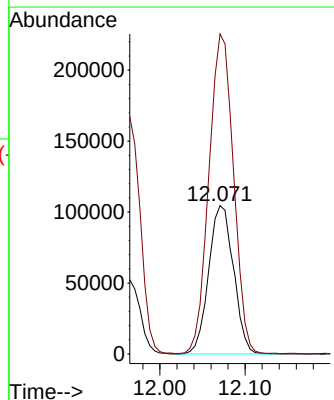
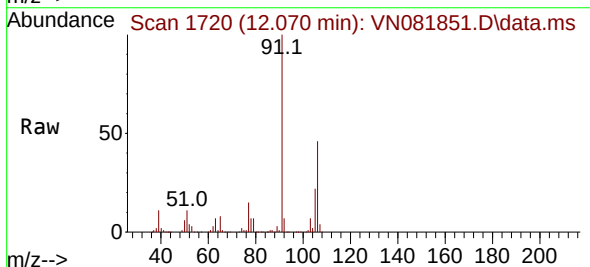
Manual Integrations
APPROVED

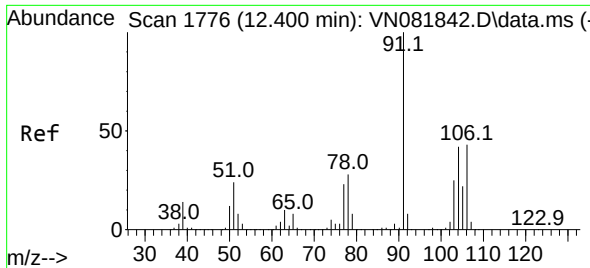
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#68
m/p-Xylenes
Concen: 39.179 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

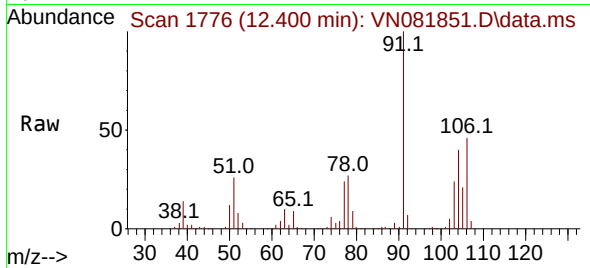
Tgt Ion:106 Resp: 211758
Ion Ratio Lower Upper
106 100
91 213.8 159.4 239.0





#69
o-Xylene
Concen: 19.853 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

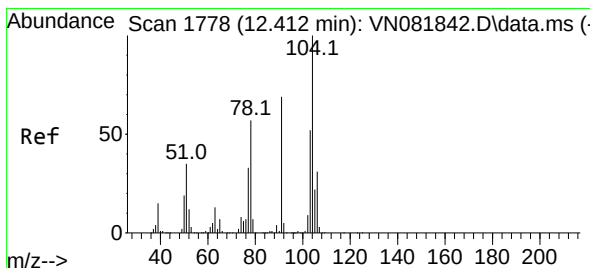
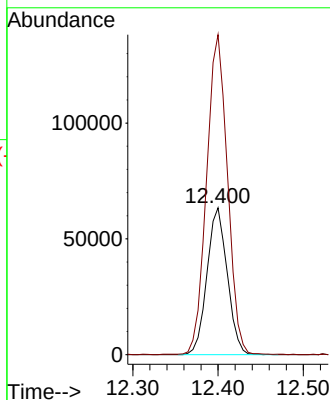
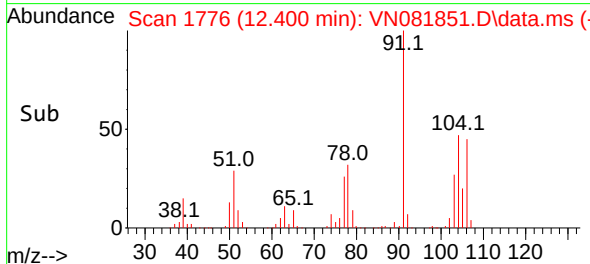
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



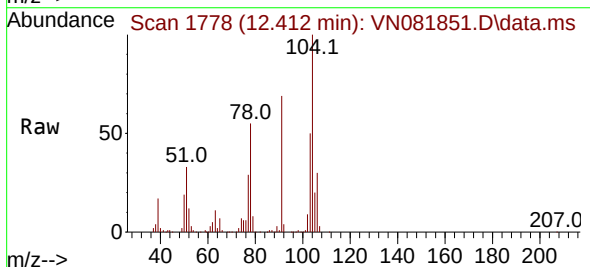
Tgt Ion:106 Resp: 104758
Ion Ratio Lower Upper
106 100
91 225.5 104.7 314.1

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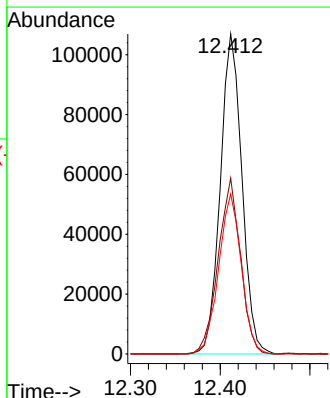
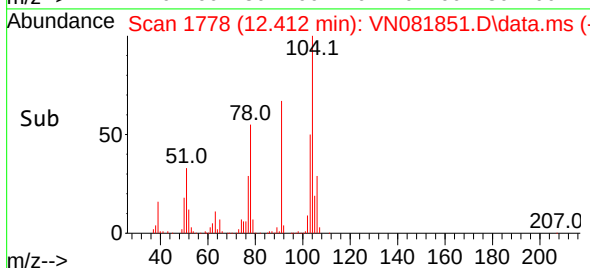
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

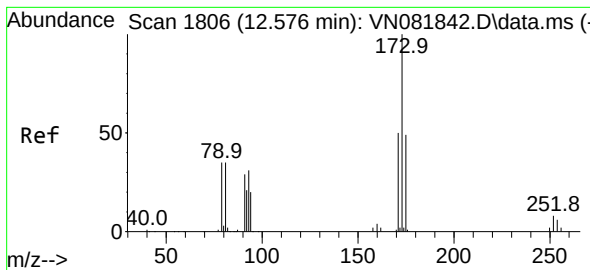


#70
Styrene
Concen: 19.605 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19



Tgt Ion:104 Resp: 178958
Ion Ratio Lower Upper
104 100
78 56.8 38.6 58.0
103 52.5 43.8 65.6





#71

Bromoform

Concen: 18.088 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

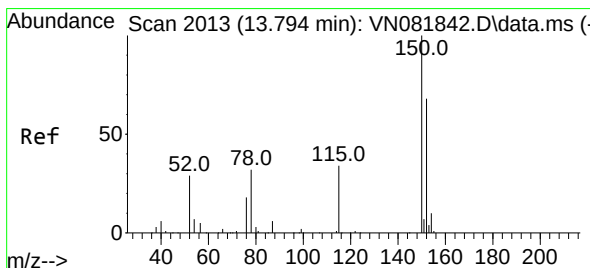
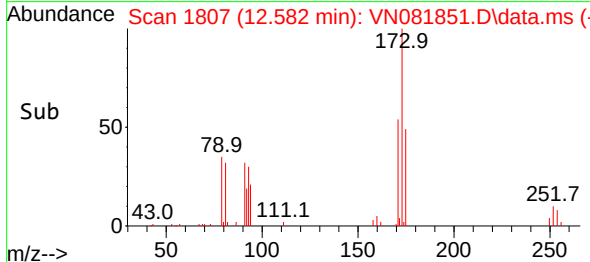
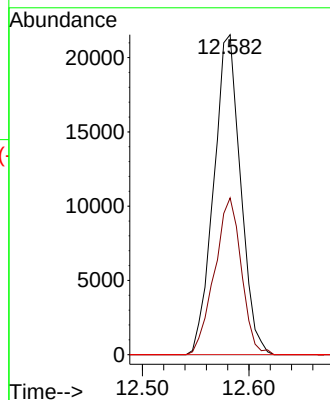
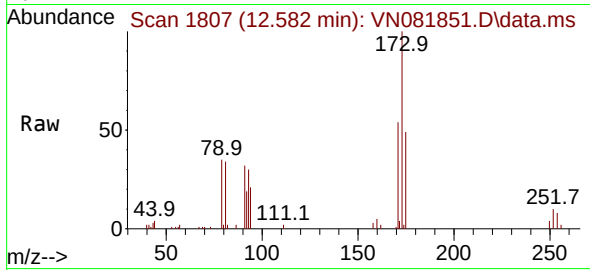
Tgt Ion:173	Resp:	37650
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.6 74.0
254	0.0	0.0 0.0

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

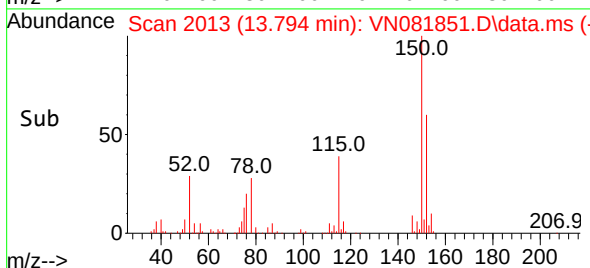
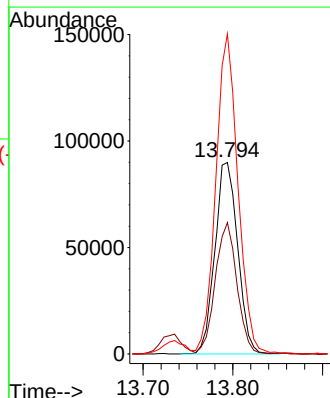
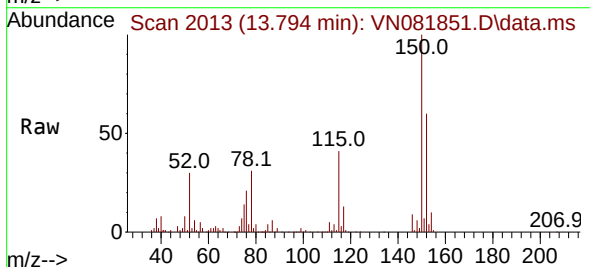
RT: 13.794 min Scan# 2013

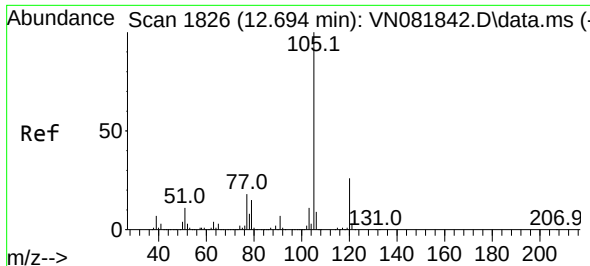
Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

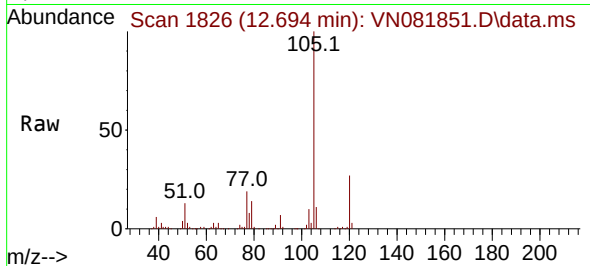
Tgt Ion:152	Resp:	158751
Ion Ratio	Lower	Upper
152	100	
115	64.5	30.4 91.3
150	162.3	0.0 353.2





#73
Isopropylbenzene
Concen: 18.791 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

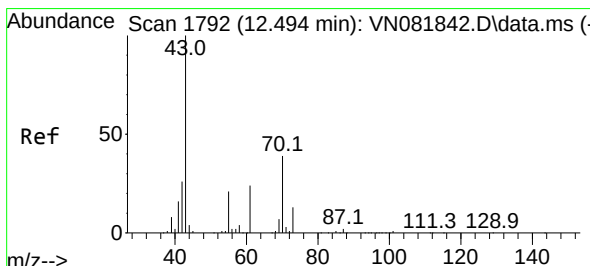
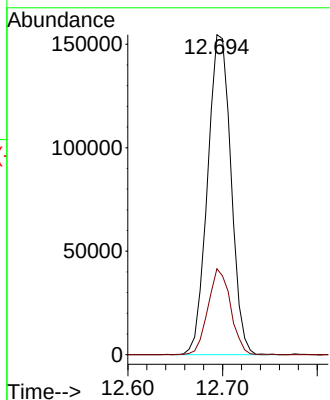
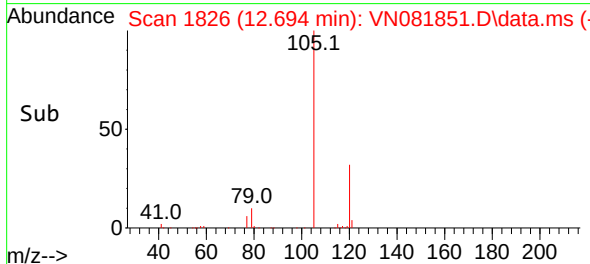
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion:105 Resp: 26522
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

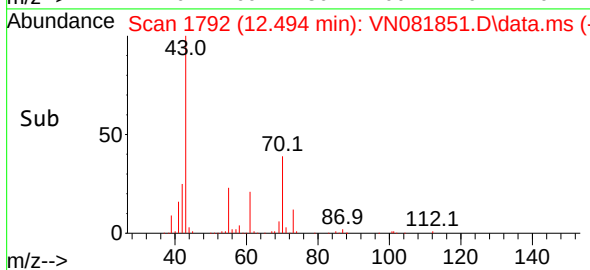
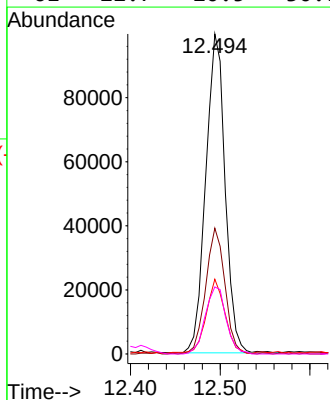
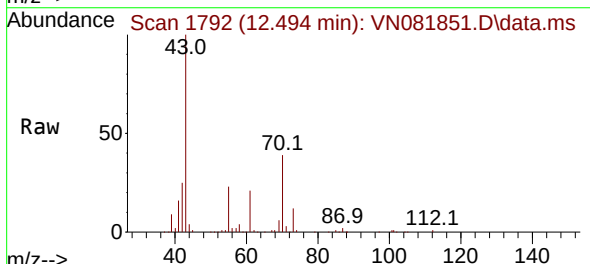
Manual Integrations
APPROVED

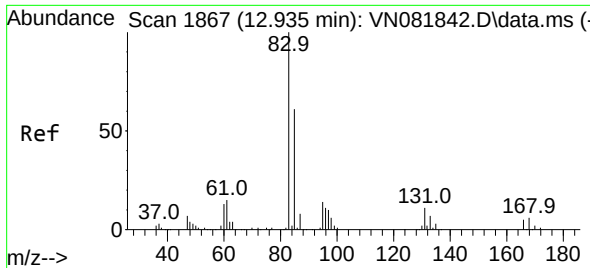
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#74
N-ethyl acetate
Concen: 18.960 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

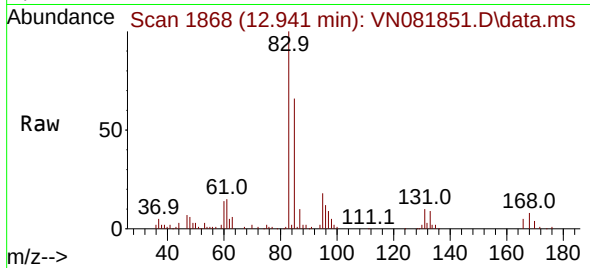
Tgt Ion: 43 Resp: 148988
Ion Ratio Lower Upper
43 100
70 39.3 39.0 58.4
55 22.4 21.3 31.9
61 22.7 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.340 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

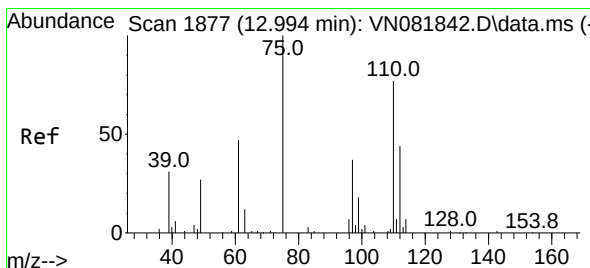
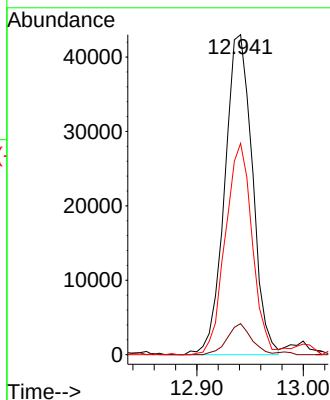
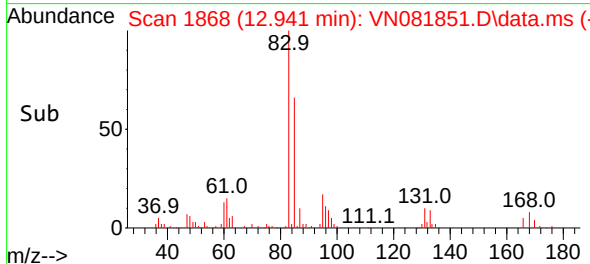
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 83 Resp: 7773
Ion Ratio Lower Upper
83 100
131 8.5 5.5 16.4
85 64.0 32.9 98.6

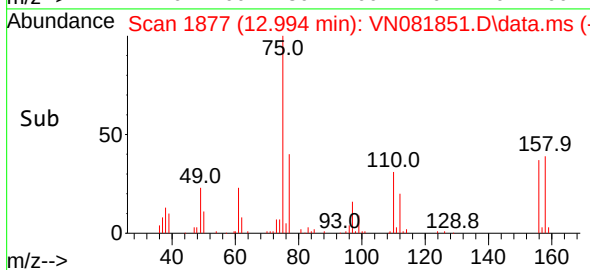
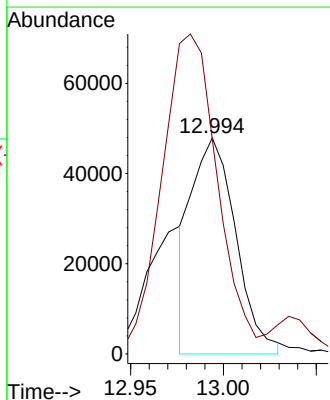
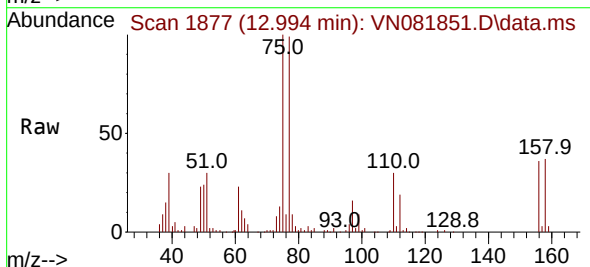
Manual Integrations
APPROVED

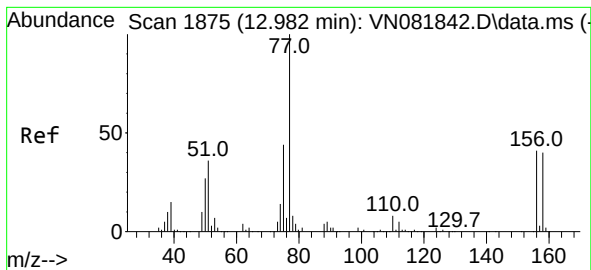
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#76
1,2,3-Trichloropropane
Concen: 19.206 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion: 75 Resp: 79055
Ion Ratio Lower Upper
75 100
77 187.6 90.5 271.3





#77

Bromobenzene

Concen: 18.100 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

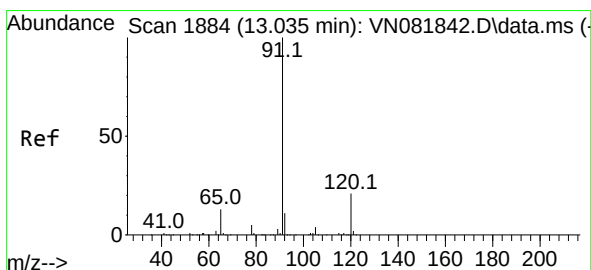
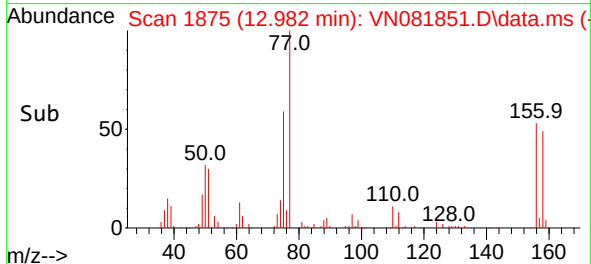
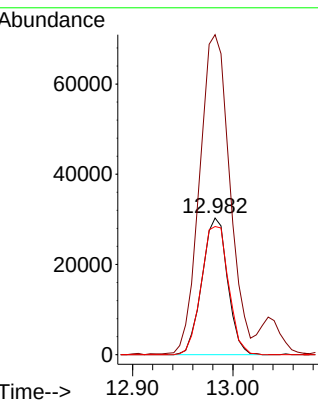
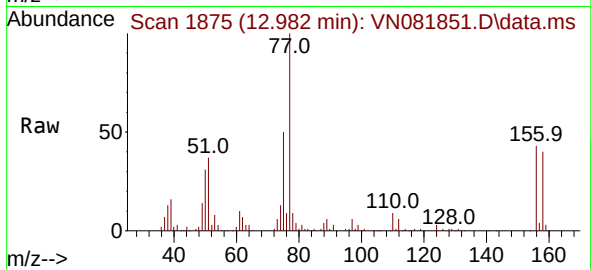
Tgt Ion:156 Resp: 53459
 Ion Ratio Lower Upper
 156 100
 77 277.4 100.2 300.6
 158 100.0 49.1 147.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#78

n-propylbenzene

Concen: 18.588 ug/l

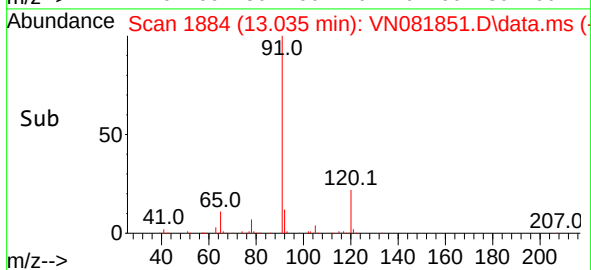
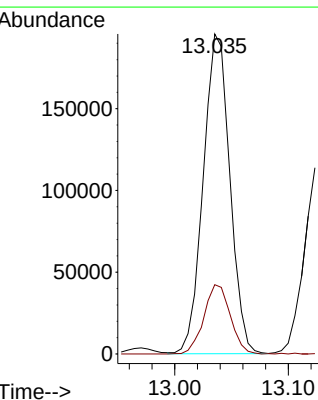
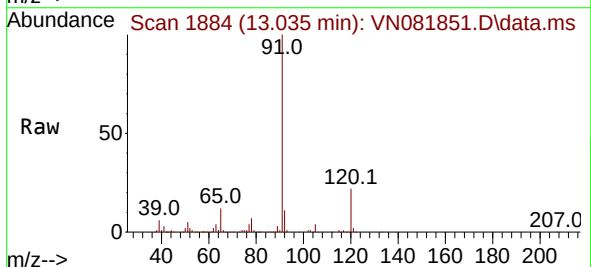
RT: 13.035 min Scan# 1884

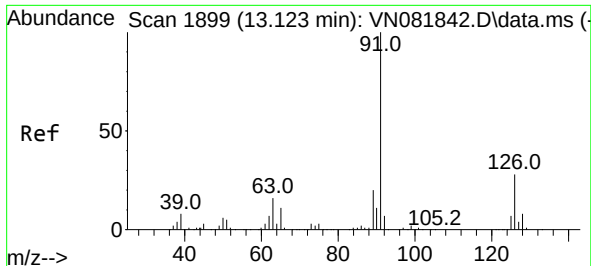
Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Tgt Ion: 91 Resp: 318692
 Ion Ratio Lower Upper
 91 100
 120 21.4 11.7 35.0





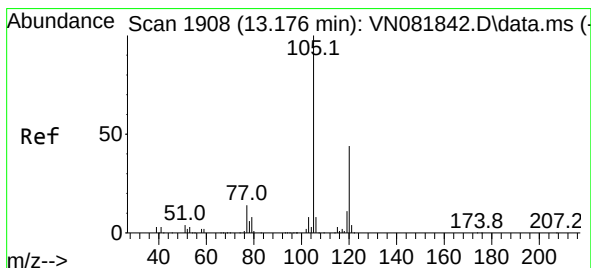
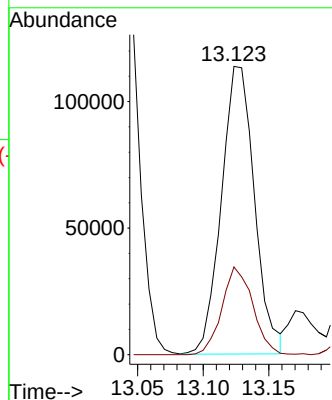
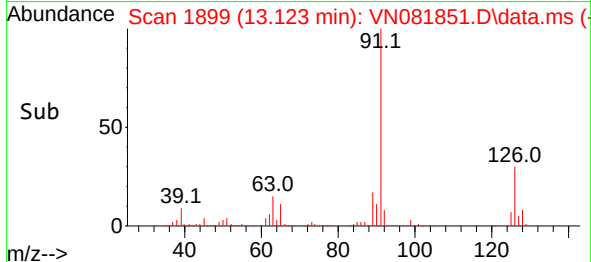
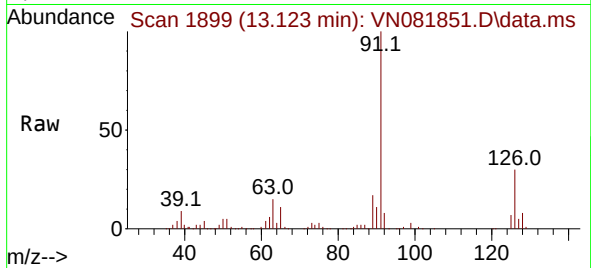
#79
2-Chlorotoluene
Concen: 18.339 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 91 Resp: 200039
Ion Ratio Lower Upper
91 100
126 28.5 17.5 52.5

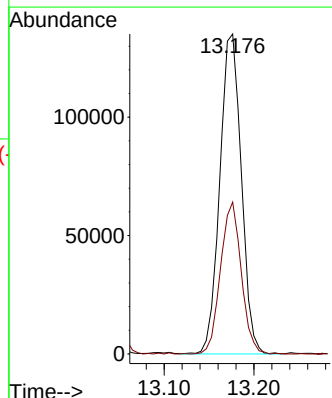
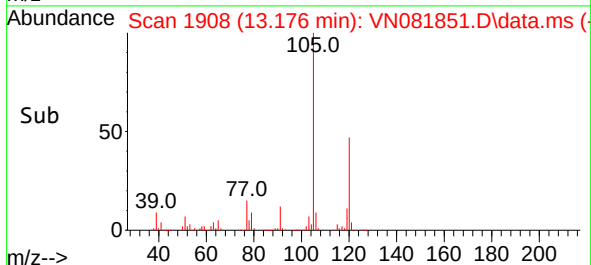
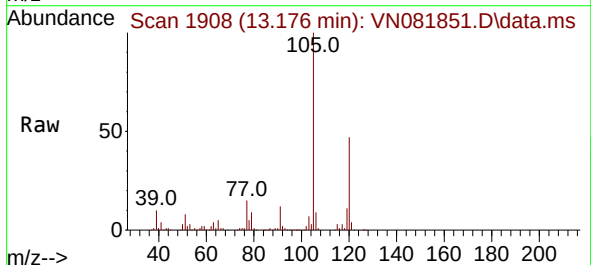
Manual Integrations
APPROVED

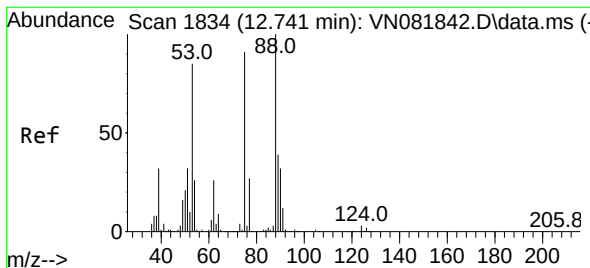
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.839 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

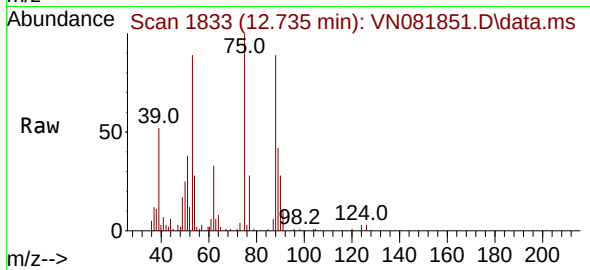
Tgt Ion:105 Resp: 225007
Ion Ratio Lower Upper
105 100
120 45.7 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.119 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

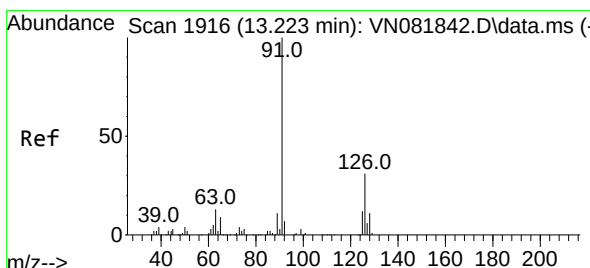
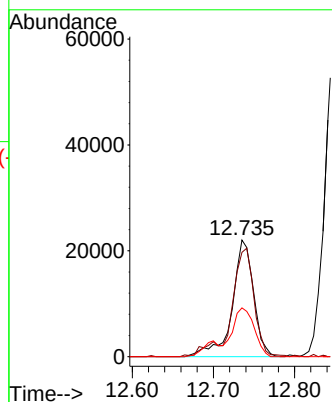
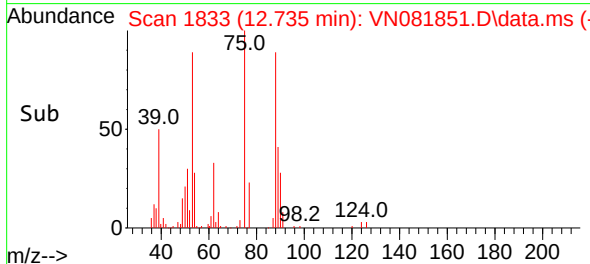
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 75 Resp: 4041
Ion Ratio Lower Upper
75 100
53 87.8 72.9 109.3
89 41.6 39.1 58.7

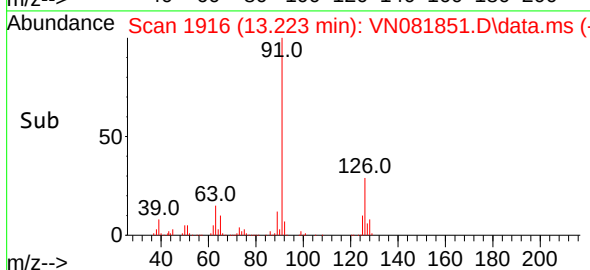
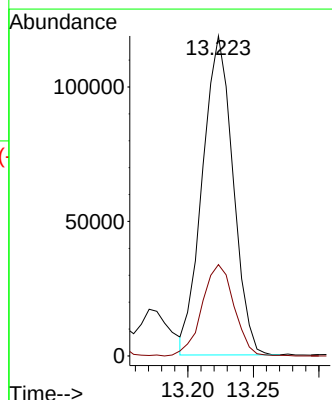
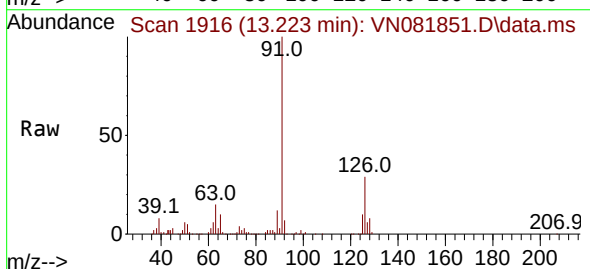
Manual Integrations
APPROVED

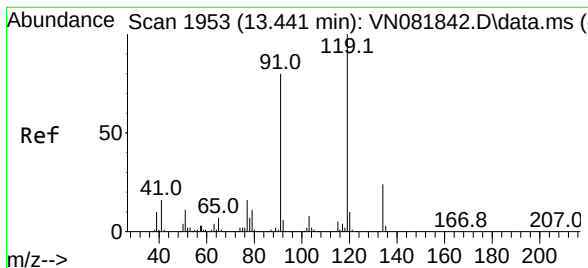
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#82
4-Chlorotoluene
Concen: 18.166 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

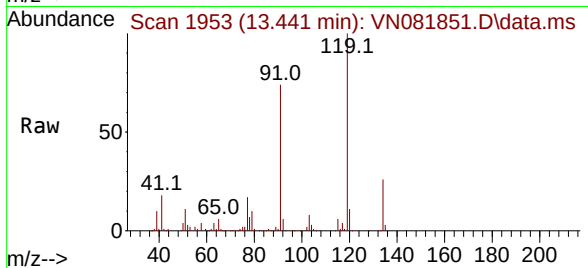
Tgt Ion: 91 Resp: 192378
Ion Ratio Lower Upper
91 100
126 30.0 17.4 52.3





#83
tert-Butylbenzene
Concen: 18.865 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

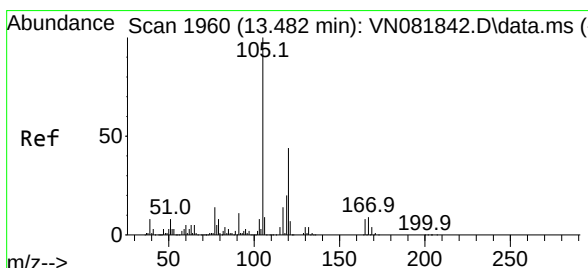
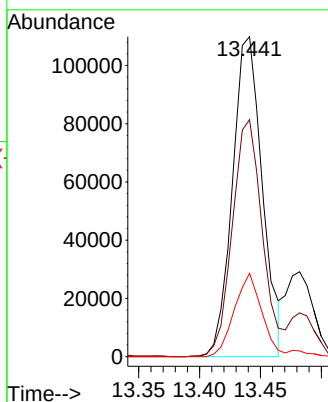
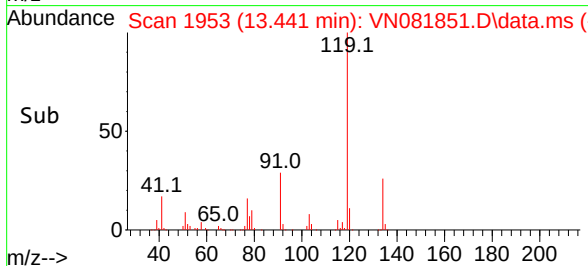
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



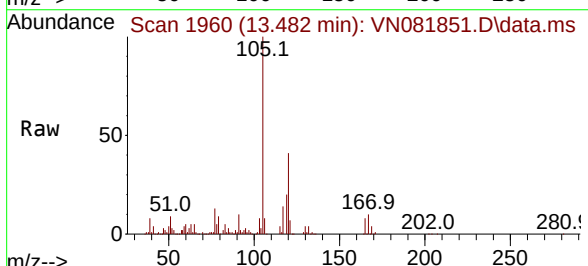
Tgt Ion:119 Resp: 187634
Ion Ratio Lower Upper
119 100
91 75.1 32.6 97.8
134 23.9 12.4 37.0

Manual Integrations
APPROVED

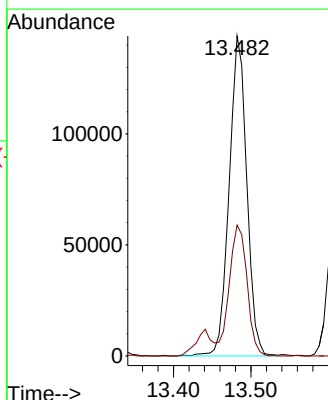
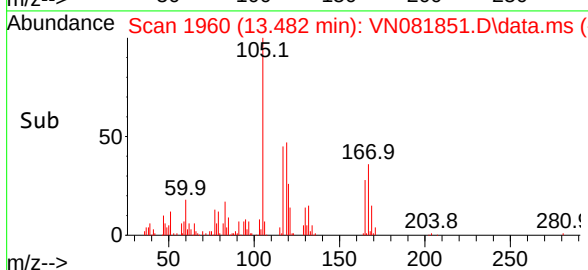
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

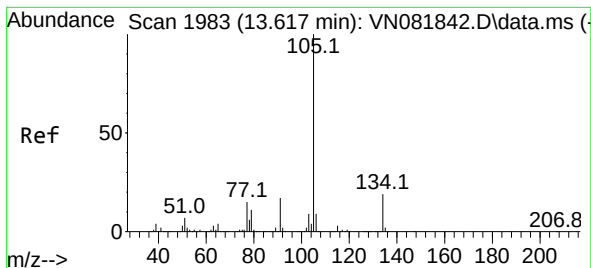


#84
1,2,4-Trimethylbenzene
Concen: 19.094 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19



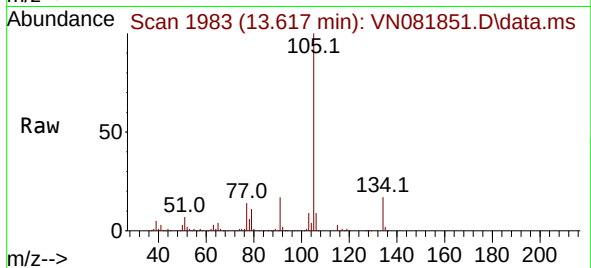
Tgt Ion:105 Resp: 227746
Ion Ratio Lower Upper
105 100
120 41.6 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 18.770 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081851.D
 Acq: 25 Apr 2024 15:19

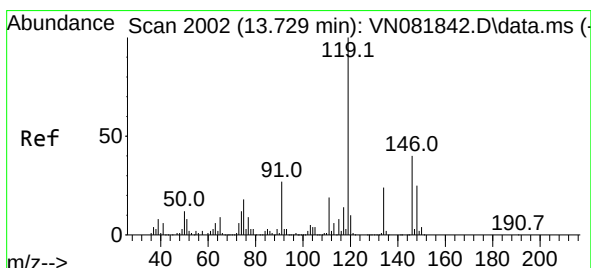
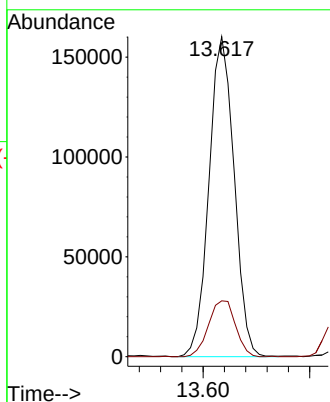
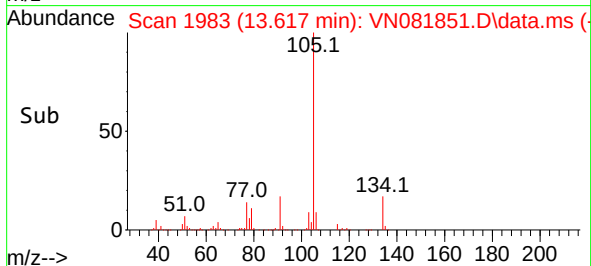
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01



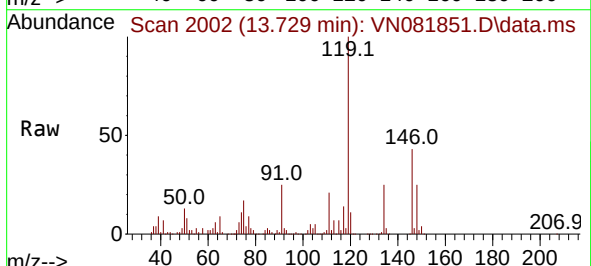
Tgt Ion:105 Resp: 262972
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.2 30.4

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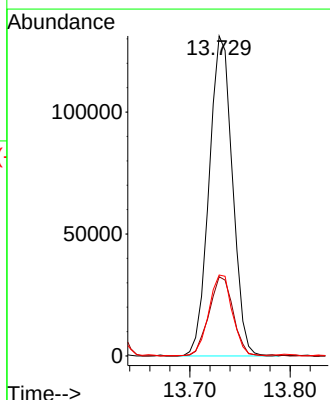
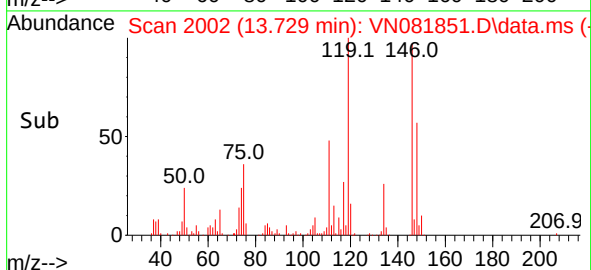
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

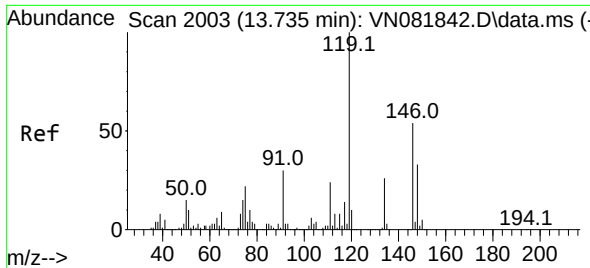


#86
 p-Isopropyltoluene
 Concen: 18.866 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081851.D
 Acq: 25 Apr 2024 15:19



Tgt Ion:119 Resp: 212229
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 25.8 11.8 35.3





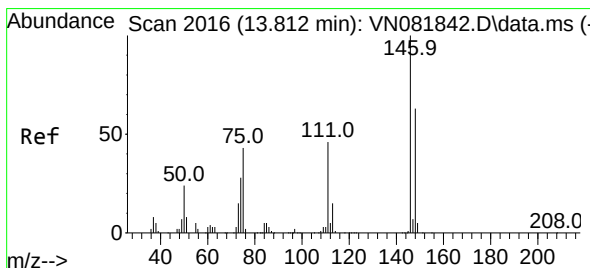
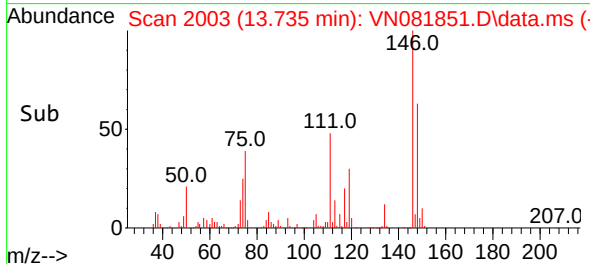
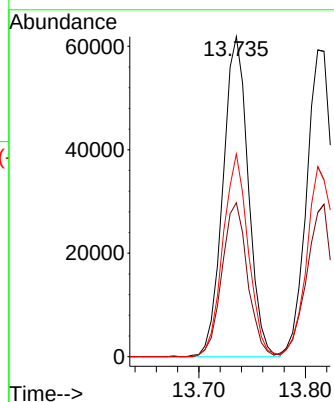
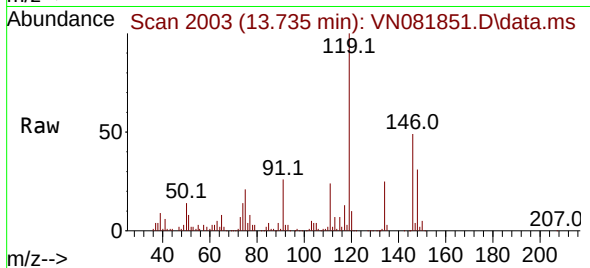
#87
 1,3-Dichlorobenzene
 Concen: 18.506 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081851.D
 Acq: 25 Apr 2024 15:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

Tgt Ion:146 Resp: 101980
 Ion Ratio Lower Upper
 146 100
 111 48.6 20.8 62.5
 148 63.3 32.1 96.3

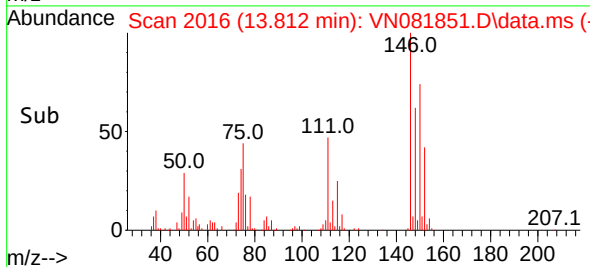
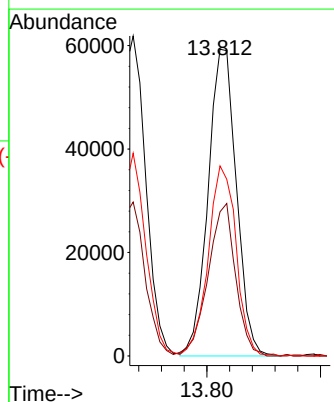
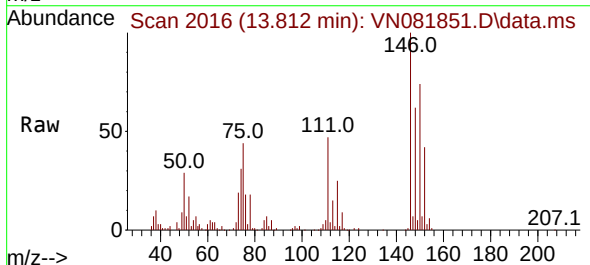
Manual Integrations
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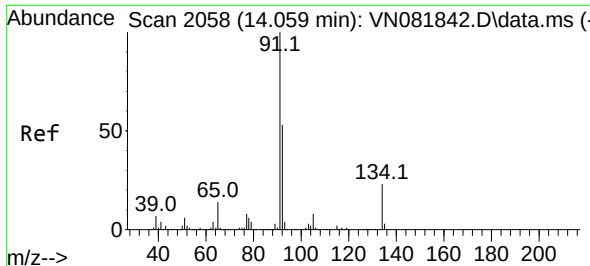
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#88
 1,4-Dichlorobenzene
 Concen: 18.959 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081851.D
 Acq: 25 Apr 2024 15:19

Tgt Ion:146 Resp: 102889
 Ion Ratio Lower Upper
 146 100
 111 48.3 19.3 57.9
 148 61.2 31.3 93.9





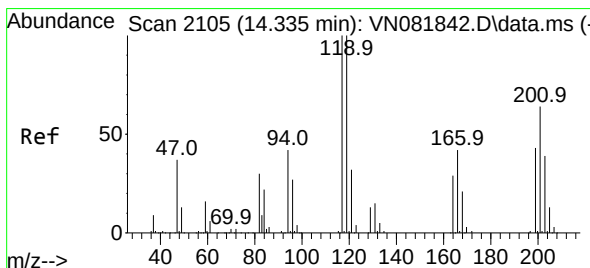
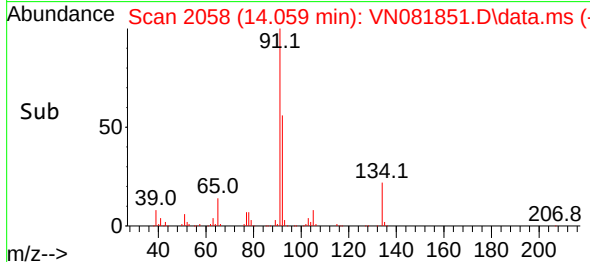
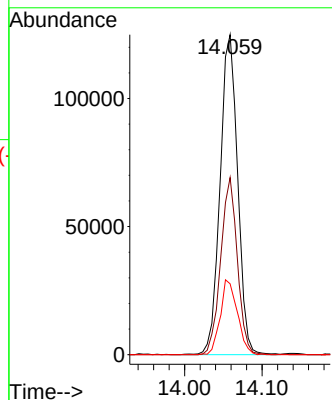
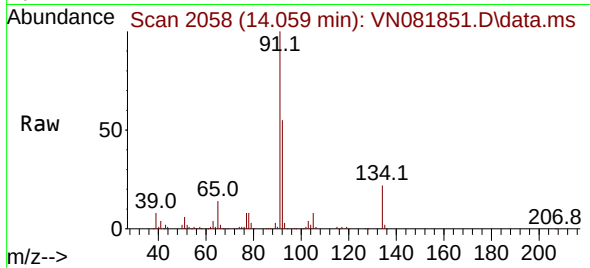
#89
n-Butylbenzene
Concen: 18.794 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 91 Resp: 19679
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 22.8 13.2 39.5

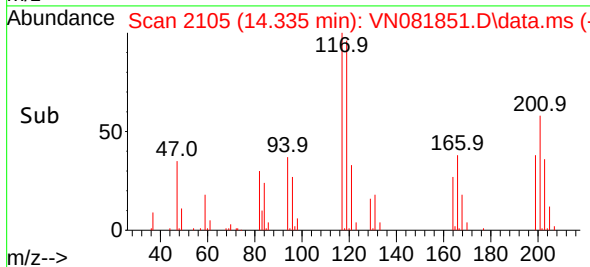
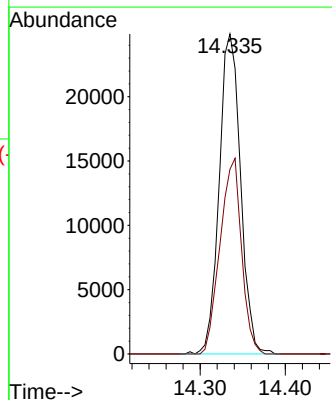
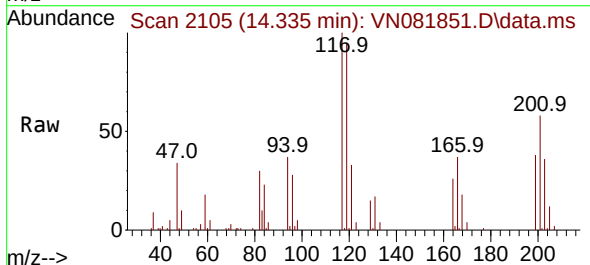
Manual Integrations
APPROVED

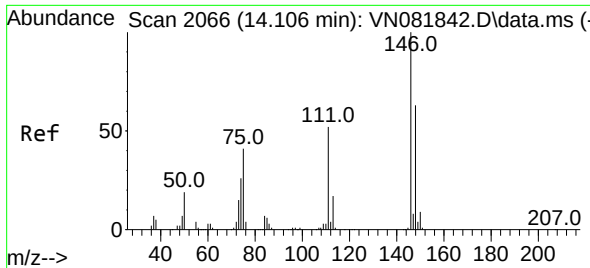
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#90
Hexachloroethane
Concen: 19.589 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion:117 Resp: 43349
Ion Ratio Lower Upper
117 100
201 61.4 33.3 99.8





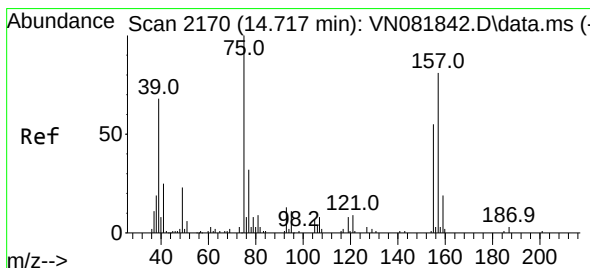
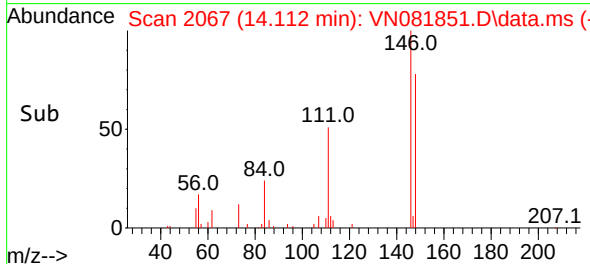
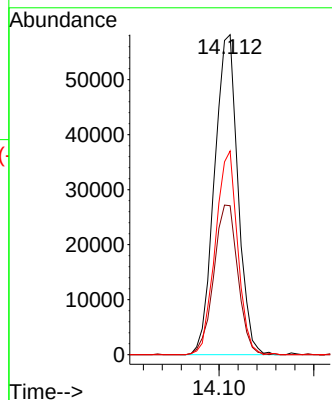
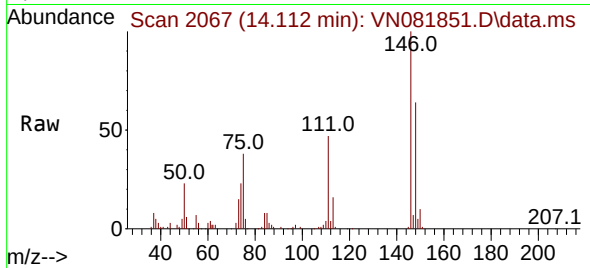
#91
1,2-Dichlorobenzene
Concen: 18.932 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion:146 Resp: 10002
Ion Ratio Lower Upper
146 100
111 48.1 21.3 64.0
148 60.6 31.8 95.4

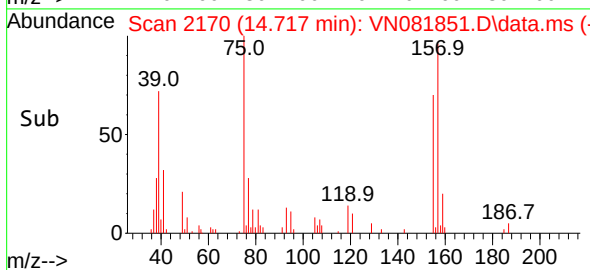
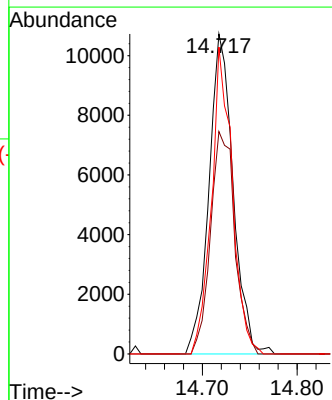
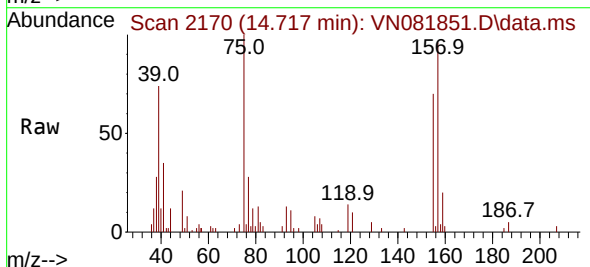
Manual Integrations
APPROVED

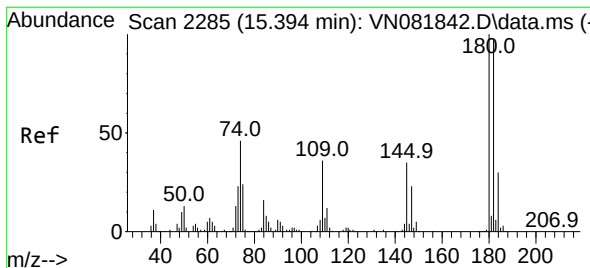
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.396 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN081851.D
Acq: 25 Apr 2024 15:19

Tgt Ion: 75 Resp: 18983
Ion Ratio Lower Upper
75 100
155 69.9 42.6 128.0
157 82.7 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 18.719 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

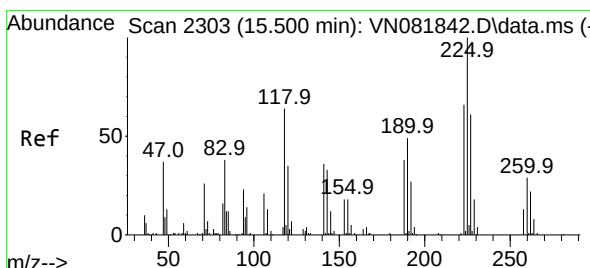
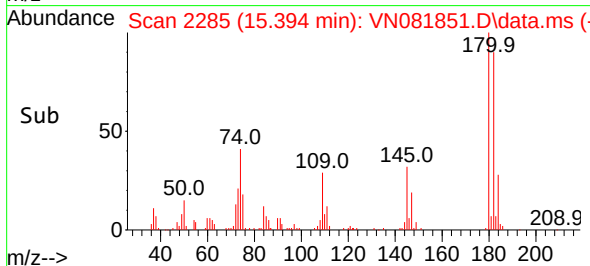
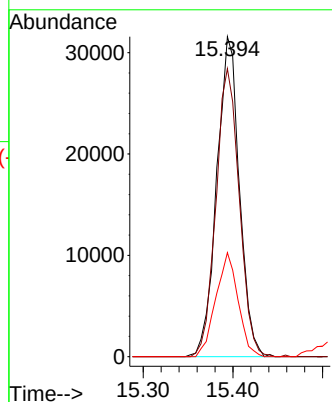
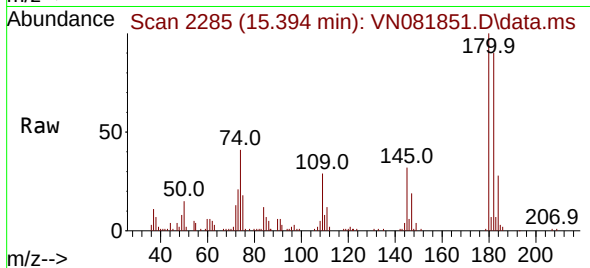
Tgt Ion:	180	Resp:	55328
Ion Ratio	Lower	Upper	
180	100		
182	92.6	46.7	140.0
145	32.0	16.2	48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#94

Hexachlorobutadiene

Concen: 18.311 ug/l

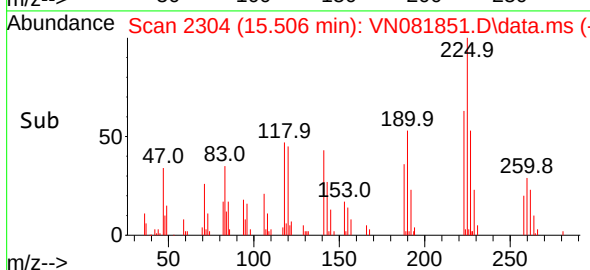
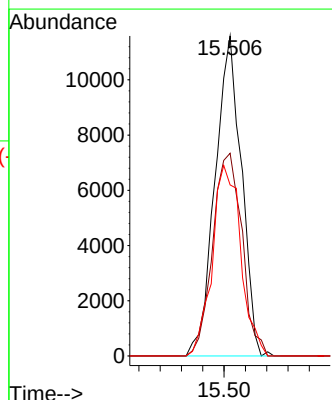
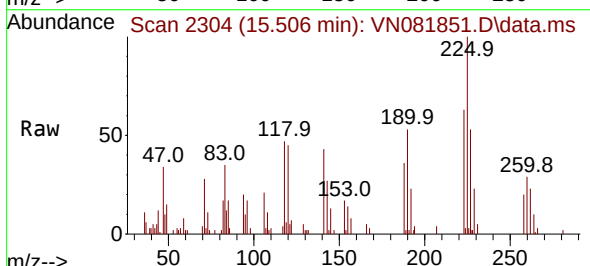
RT: 15.506 min Scan# 2304

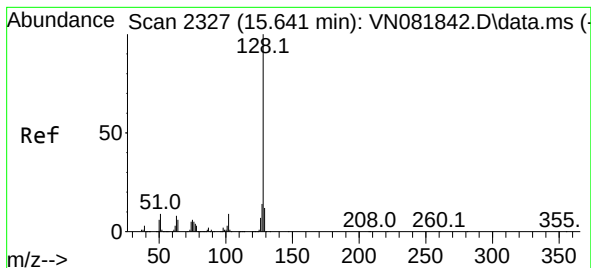
Delta R.T. 0.006 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Tgt Ion:	225	Resp:	19948
Ion Ratio	Lower	Upper	
225	100		
223	70.2	31.1	93.2
227	64.2	30.6	91.6





#95

Naphthalene

Concen: 18.740 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

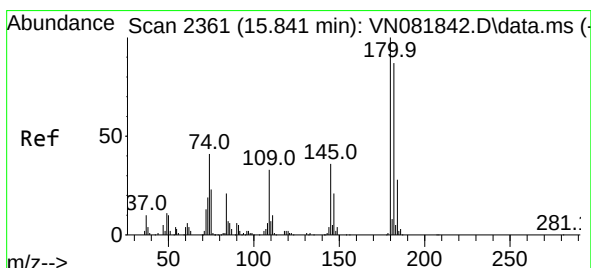
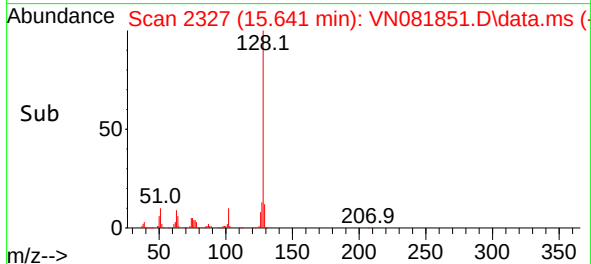
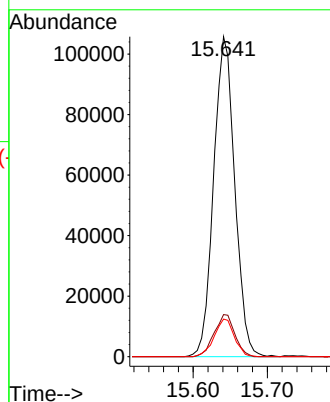
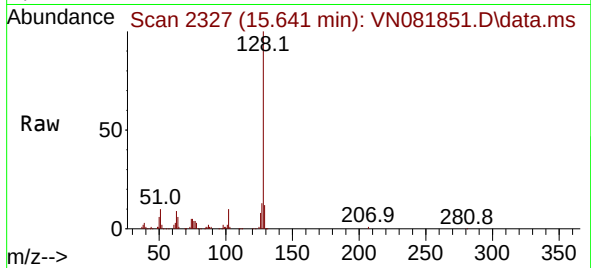
Tgt Ion:128	Resp: 209300
Ion Ratio	Lower Upper
128 100	
127 12.9	10.1 15.1
129 11.3	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.272 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081851.D

Acq: 25 Apr 2024 15:19

Tgt Ion:180	Resp: 54691
Ion Ratio	Lower Upper
180 100	
182 93.2	46.0 137.8
145 36.6	17.1 51.3

