

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080895.D
 Acq On : 05 Feb 2024 14:28
 Operator : JC\MD
 Sample : VN0205WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 04:41:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	106515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	217236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	186860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	93510	50.747	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.500%			
35) Dibromofluoromethane	8.165	113	66829	50.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.560%			
50) Toluene-d8	10.565	98	262237	50.412	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.820%			
62) 4-Bromofluorobenzene	12.853	95	89710	49.490	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	27246	17.222	ug/l	89
3) Chloromethane	2.359	50	40331	16.959	ug/l	97
4) Vinyl Chloride	2.512	62	31696	17.531	ug/l	93
5) Bromomethane	2.959	94	13384	18.507	ug/l	99
6) Chloroethane	3.118	64	20977	21.762	ug/l	91
7) Trichlorofluoromethane	3.494	101	55377	23.666	ug/l	90
8) Diethyl Ether	3.953	74	20195	18.709	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	26896	19.711	ug/l	96
10) Methyl Iodide	4.594	142	20765	18.027	ug/l #	90
11) Tert butyl alcohol	5.512	59	27326	90.972	ug/l	99
12) 1,1-Dichloroethene	4.341	96	26634	17.814	ug/l	88
13) Acrolein	4.177	56	35891	94.751	ug/l	97
14) Allyl chloride	5.018	41	60039	20.316	ug/l	96
15) Acrylonitrile	5.718	53	86615	95.878	ug/l	98
16) Acetone	4.430	43	68418	102.378	ug/l	95
17) Carbon Disulfide	4.712	76	74735	16.056	ug/l #	95
18) Methyl Acetate	5.018	43	48284	20.731	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	98566	18.710	ug/l	96
20) Methylene Chloride	5.271	84	32839	18.719	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	29664	18.262	ug/l	99
22) Diisopropyl ether	6.671	45	128930	19.773	ug/l	95
23) Vinyl Acetate	6.600	43	469598	99.534	ug/l	98
24) 1,1-Dichloroethane	6.571	63	67082	20.285	ug/l #	96
25) 2-Butanone	7.477	43	123029	96.922	ug/l	97
26) 2,2-Dichloropropane	7.488	77	49777	18.624	ug/l	94
27) cis-1,2-Dichloroethene	7.482	96	33414	17.771	ug/l	97
28) Bromochloromethane	7.806	49	33846	19.332	ug/l #	26
29) Tetrahydrofuran	7.841	42	82992	96.623	ug/l	98
30) Chloroform	7.971	83	57810	18.817	ug/l	94
31) Cyclohexane	8.259	56	56956	18.025	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	46041	18.481	ug/l	99
36) 1,1-Dichloropropene	8.371	75	45034	18.230	ug/l	98
37) Ethyl Acetate	7.559	43	48290	18.990	ug/l #	80
38) Carbon Tetrachloride	8.365	117	37192	18.686	ug/l	96
39) Methylcyclohexane	9.600	83	42401	17.269	ug/l #	94
40) Benzene	8.606	78	135596	18.676	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29306	19.553	ug/l	95
42) 1,2-Dichloroethane	8.671	62	48203	20.379	ug/l	97
43) Isopropyl Acetate	8.688	43	86548	18.693	ug/l	99
44) Trichloroethene	9.353	130	28891	18.066	ug/l	85
45) 1,2-Dichloropropane	9.629	63	37375	19.022	ug/l	91
46) Dibromomethane	9.712	93	22168	19.032	ug/l	97
47) Bromodichloromethane	9.888	83	43803	18.523	ug/l #	90
48) Methyl methacrylate	9.682	41	38964	17.359	ug/l	96
49) 1,4-Dioxane	9.700	88	10505	388.549	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	258614	99.921	ug/l	97
52) Toluene	10.635	92	78230	18.792	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	47971	17.413	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	54993	18.357	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	30658	19.163	ug/l	95
56) Ethyl methacrylate	10.876	69	51544	20.958	ug/l	97
57) 1,3-Dichloropropane	11.165	76	57559	19.117	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	142031	99.065	ug/l	98
59) 2-Hexanone	11.200	43	190263	94.638	ug/l	98
60) Dibromochloromethane	11.359	129	27647	18.579	ug/l	95
61) 1,2-Dibromoethane	11.470	107	28977	19.327	ug/l	94
64) Tetrachloroethene	11.106	164	23079	18.791	ug/l	97
65) Chlorobenzene	11.894	112	75752	18.575	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	24381	18.384	ug/l	96
67) Ethyl Benzene	11.965	91	138718	18.301	ug/l	95
68) m/p-Xylenes	12.070	106	99711	37.042	ug/l	94
69) o-Xylene	12.400	106	49376	18.460	ug/l	97
70) Styrene	12.412	104	82684	19.248	ug/l	99
71) Bromoform	12.576	173	16013	17.858	ug/l #	92
73) Isopropylbenzene	12.694	105	121465	18.529	ug/l	99
74) N-amyl acetate	12.494	43	73639	18.093	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	40884	17.730	ug/l	93
76) 1,2,3-Trichloropropane	12.994	75	43819m	20.296	ug/l	
77) Bromobenzene	12.982	156	25078	17.896	ug/l	93
78) n-propylbenzene	13.041	91	147370	18.818	ug/l	100
79) 2-Chlorotoluene	13.123	91	94407	18.967	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	102723	19.676	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	14272	17.030	ug/l	87
82) 4-Chlorotoluene	13.223	91	90601	18.383	ug/l	96
83) tert-Butylbenzene	13.441	119	77251	18.529	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	96306	18.207	ug/l	99
85) sec-Butylbenzene	13.617	105	115922	18.860	ug/l	99
86) p-Isopropyltoluene	13.729	119	87220	18.260	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	46050	18.373	ug/l	94
88) 1,4-Dichlorobenzene	13.811	146	46012	18.310	ug/l	96
89) n-Butylbenzene	14.059	91	84941	18.172	ug/l	97
90) Hexachloroethane	14.335	117	16178	19.357	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	45744	19.940	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8901	20.651	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	22082	18.702	ug/l	100
94) Hexachlorobutadiene	15.505	225	9042	17.529	ug/l	95
95) Naphthalene	15.641	128	81098	17.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	21806	18.789	ug/l	96

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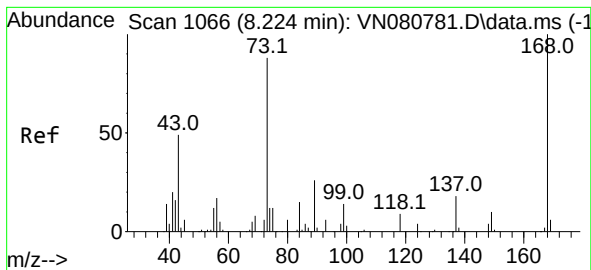
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/06/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

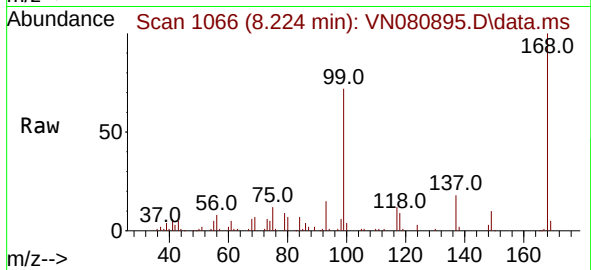
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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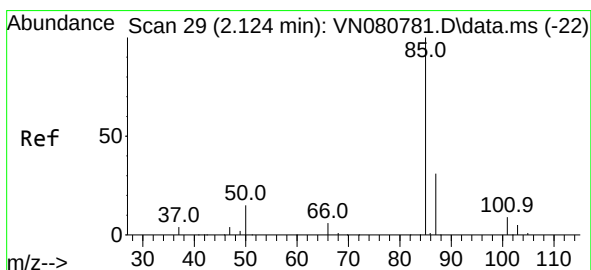
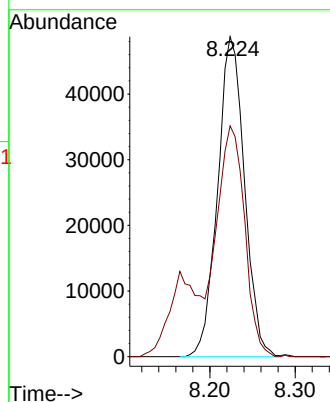
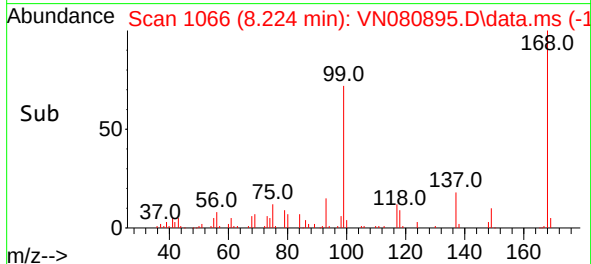
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



Tgt Ion:168 Resp: 10651
Ion Ratio Lower Upper
168 100
99 72.1 59.9 89.9

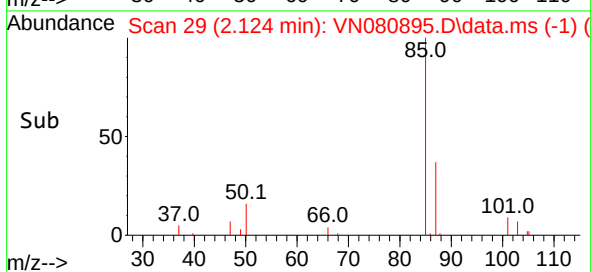
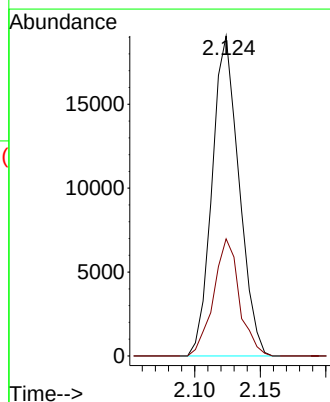
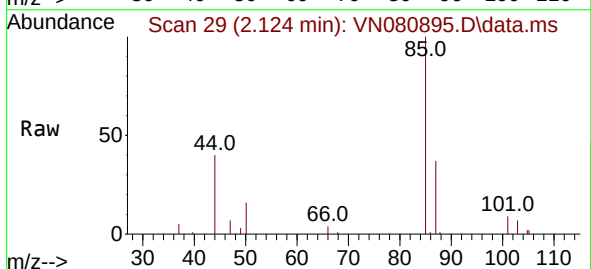
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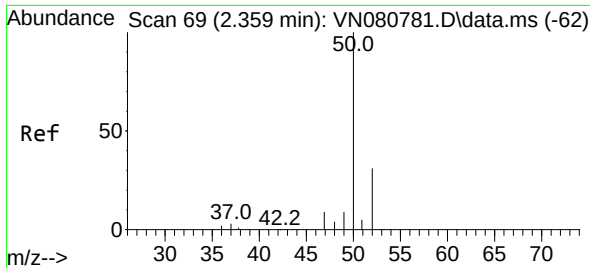
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#2
Dichlorodifluoromethane
Concen: 17.222 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Tgt Ion: 85 Resp: 27246
Ion Ratio Lower Upper
85 100
87 36.6 15.3 45.9





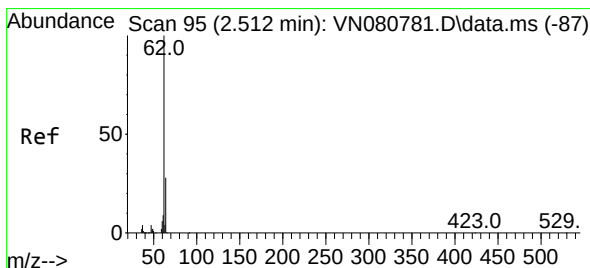
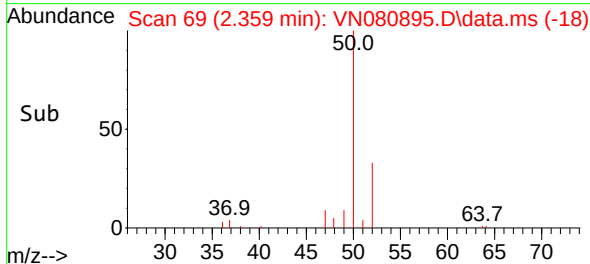
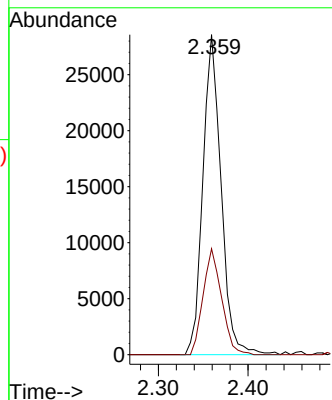
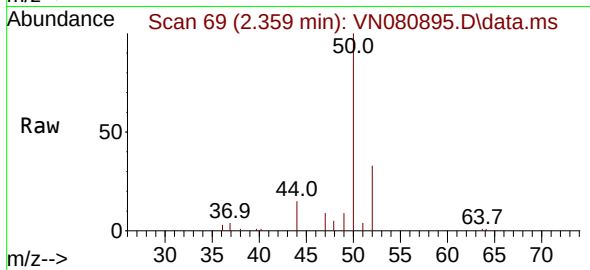
#3
Chloromethane
Concen: 16.959 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080895.D
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Tgt Ion: 50 Resp: 4033
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4

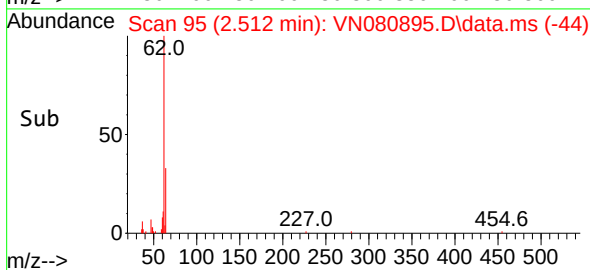
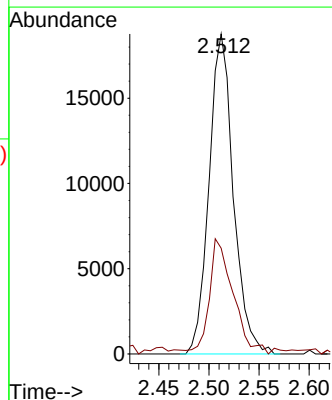
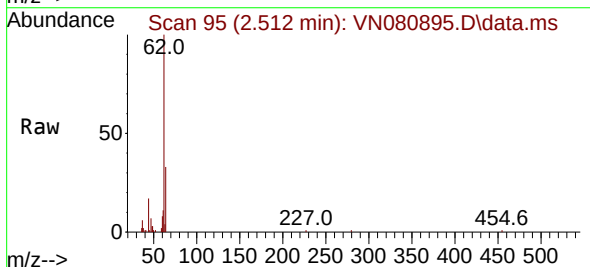
Manual Integrations
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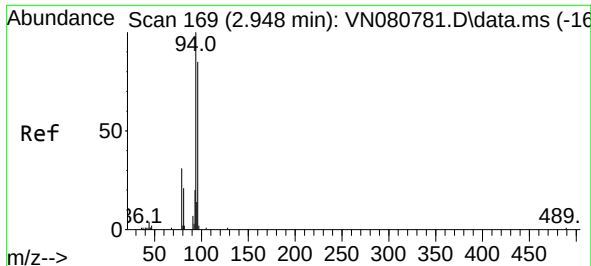
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#4
Vinyl Chloride
Concen: 17.531 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

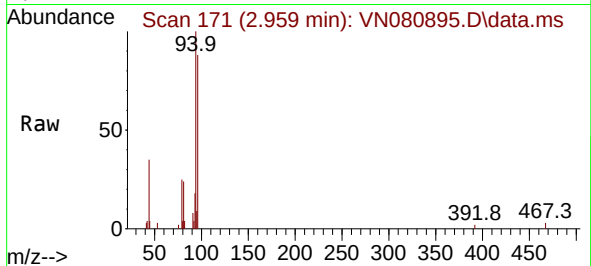
Tgt Ion: 62 Resp: 31696
Ion Ratio Lower Upper
62 100
64 31.9 22.7 34.1





#5
Bromomethane
Concen: 18.507 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

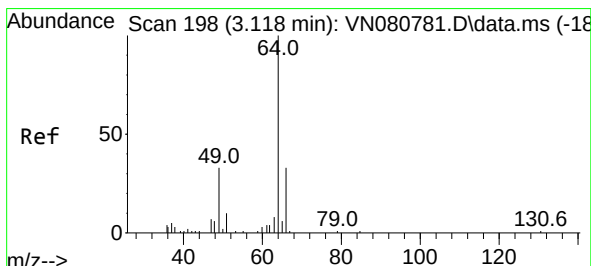
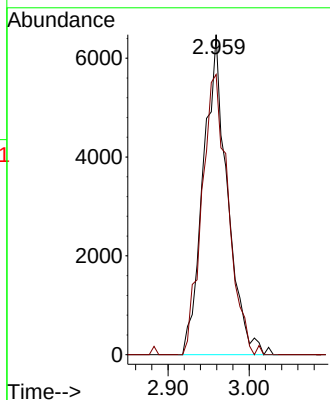
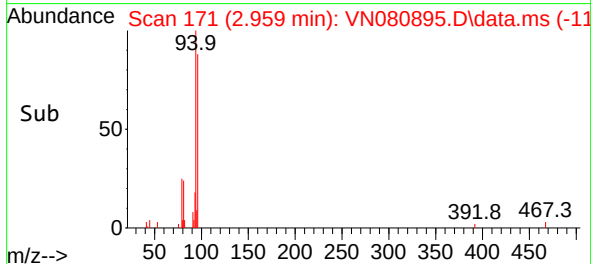
Instrument :
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Tgt Ion: 94 Resp: 13384
Ion Ratio Lower Upper
94 100
96 87.5 69.2 103.8

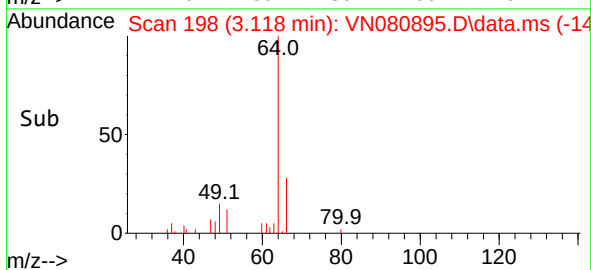
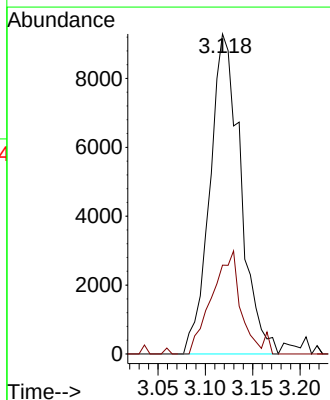
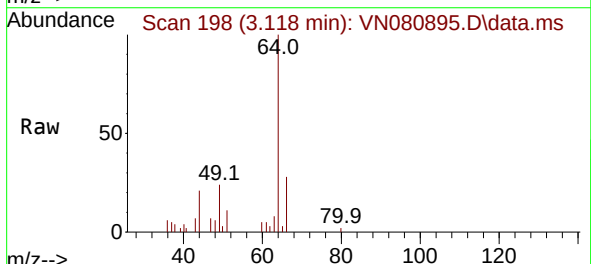
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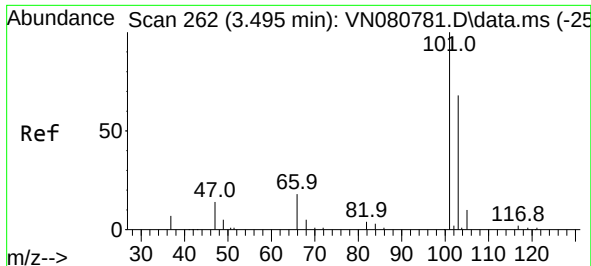
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#6
Chloroethane
Concen: 21.762 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN080895.D
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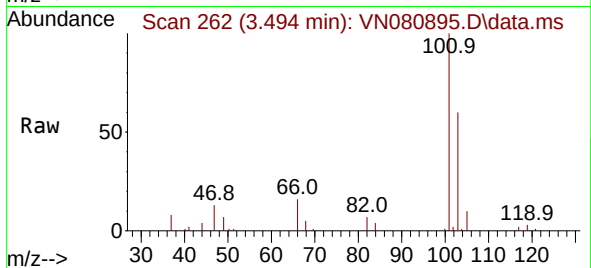
Tgt Ion: 64 Resp: 20977
Ion Ratio Lower Upper
64 100
66 27.7 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 23.666 ug/l
 RT: 3.494 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080895.D
 Acq: 05 Feb 2024 14:28

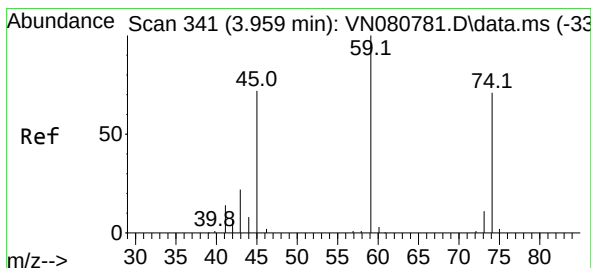
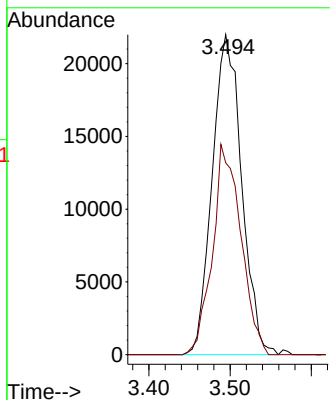
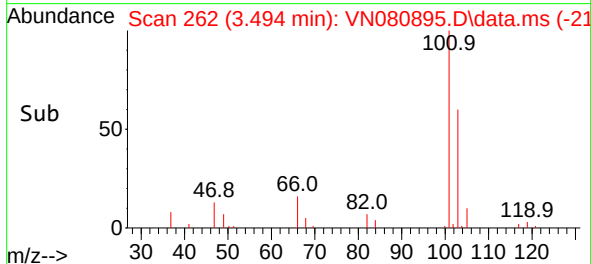
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01



Tgt Ion:101 Resp: 5537
 Ion Ratio Lower Upper
 101 100
 103 60.0 54.4 81.6

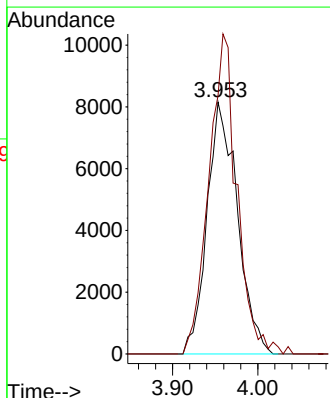
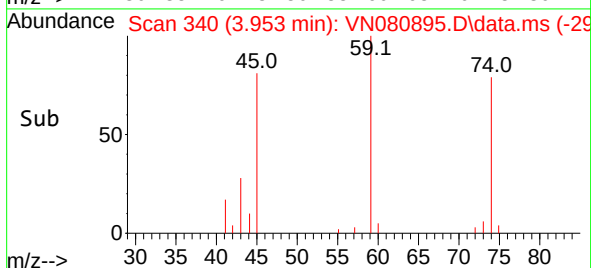
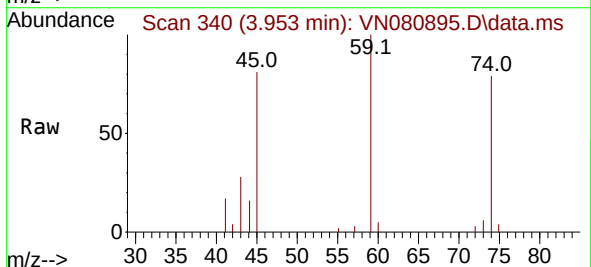
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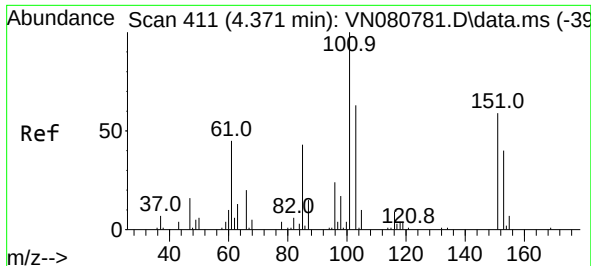
Reviewed By :John Carlone 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024



#8
 Diethyl Ether
 Concen: 18.709 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 20195
 Ion Ratio Lower Upper
 74 100
 45 117.4 53.3 159.9





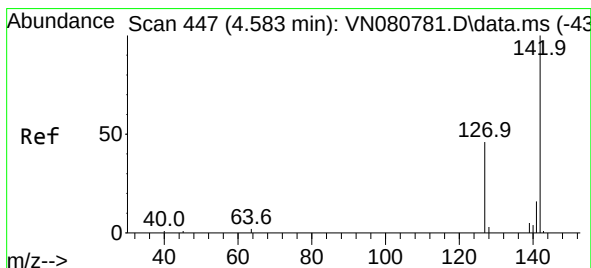
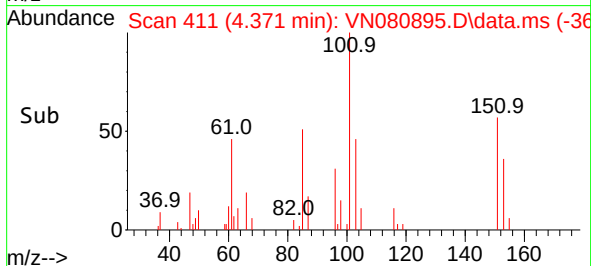
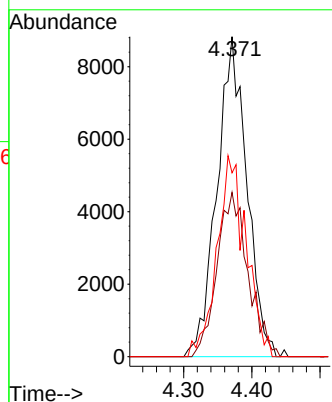
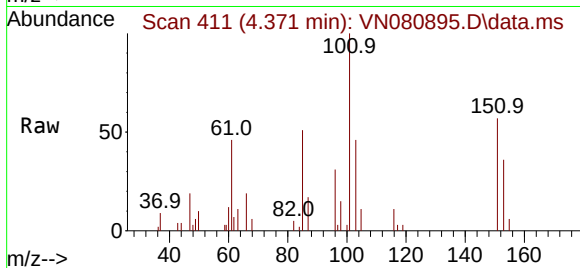
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.711 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tgt Ion:101 Resp: 26890
Ion Ratio Lower Upper
101 100
85 53.1 38.1 57.1
151 61.2 49.1 73.7

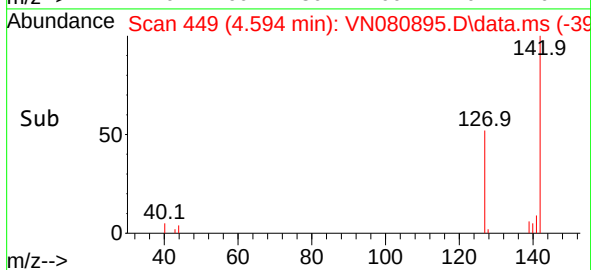
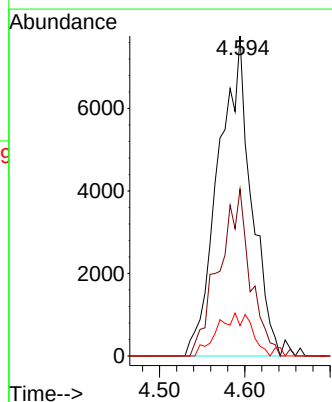
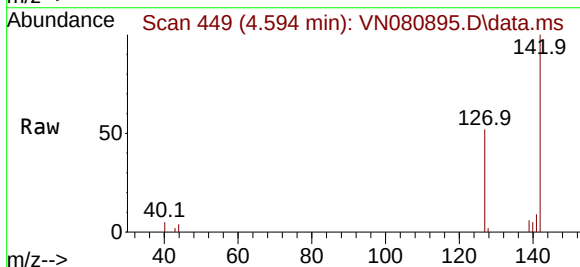
Manual Integrations
APPROVED

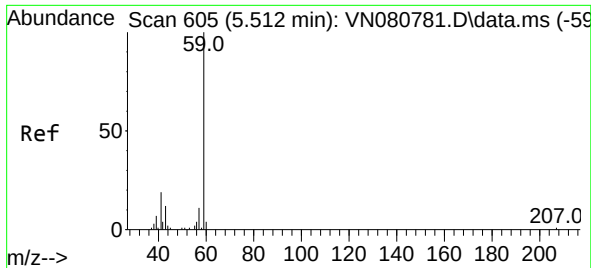
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#10
Methyl Iodide
Concen: 18.027 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

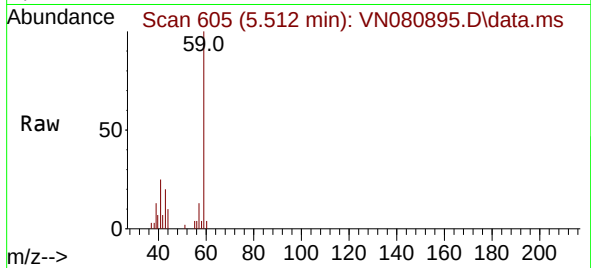
Tgt Ion:142 Resp: 20765
Ion Ratio Lower Upper
142 100
127 52.2 37.0 55.4
141 9.4 12.5 18.7#





#11
Tert butyl alcohol
Concen: 90.972 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

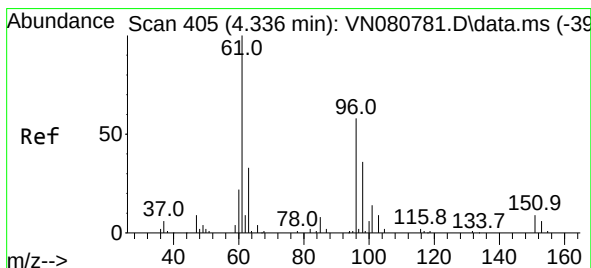
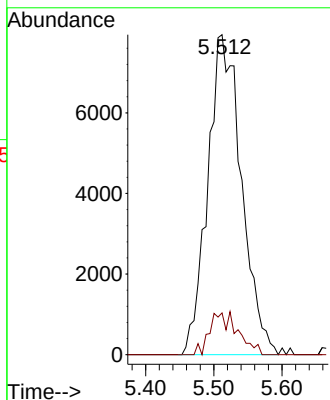
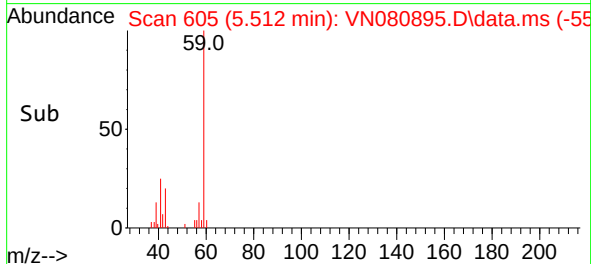
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



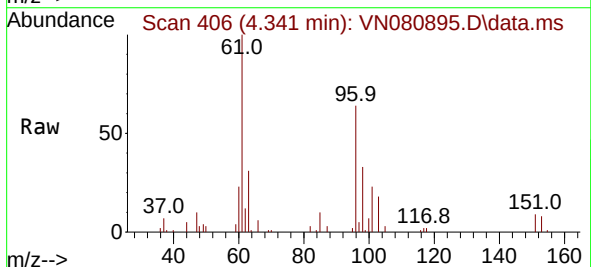
Tgt Ion: 59 Resp: 27320
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

Manual Integrations
APPROVED

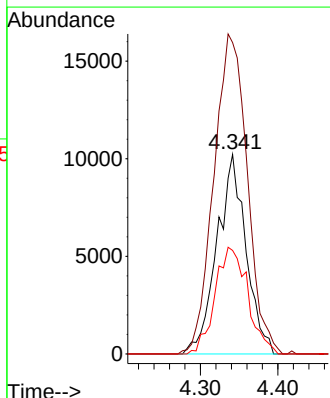
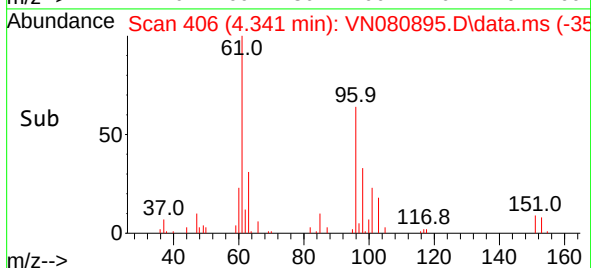
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

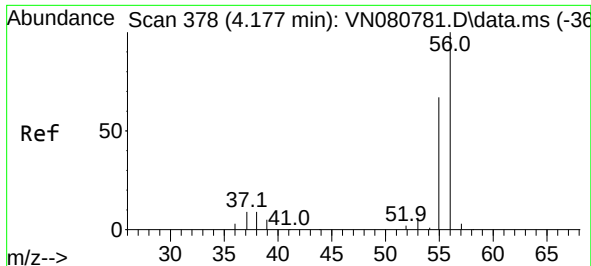


#12
1,1-Dichloroethene
Concen: 17.814 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28



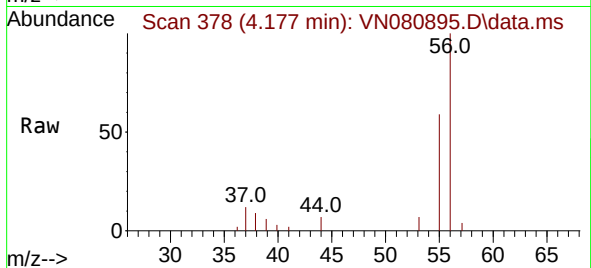
Tgt Ion: 96 Resp: 26634
Ion Ratio Lower Upper
96 100
61 156.1 138.2 207.4
98 51.9 49.2 73.8





#13
Acrolein
Concen: 94.751 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

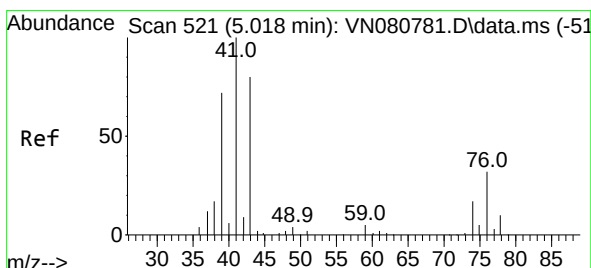
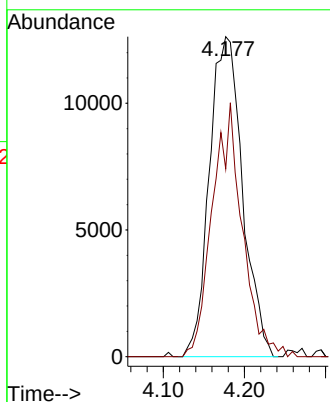
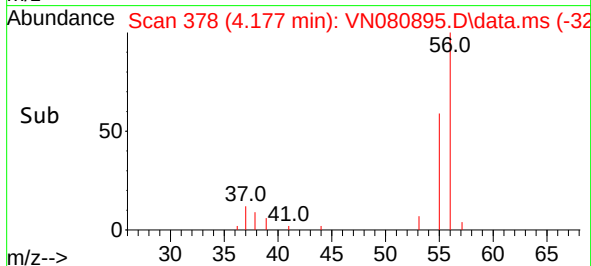
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



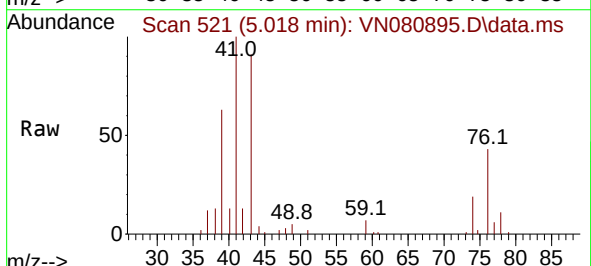
Tgt Ion: 56 Resp: 3589
Ion Ratio Lower Upper
56 100
55 71.5 55.3 82.9

Manual Integrations
APPROVED

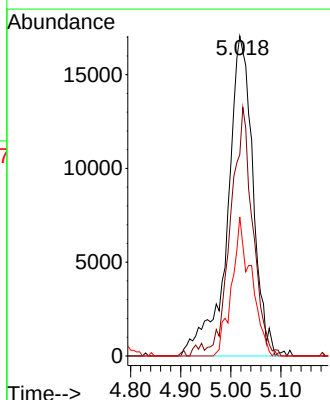
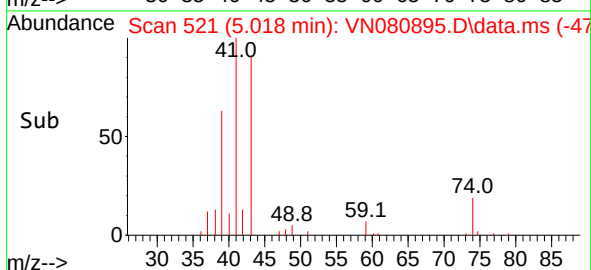
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

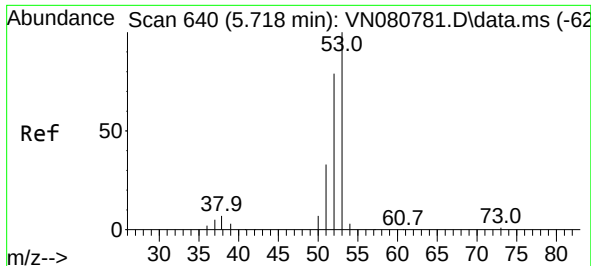


#14
Allyl chloride
Concen: 20.316 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28



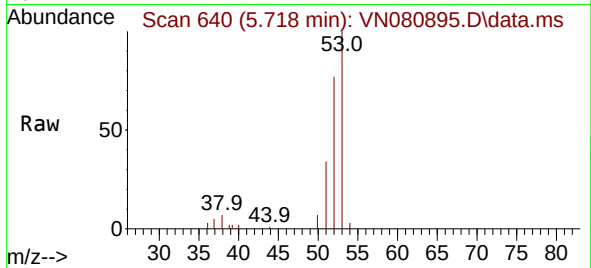
Tgt Ion: 41 Resp: 60039
Ion Ratio Lower Upper
41 100
39 66.9 57.7 86.5
76 33.6 26.8 40.2





#15
Acrylonitrile
Concen: 95.878 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

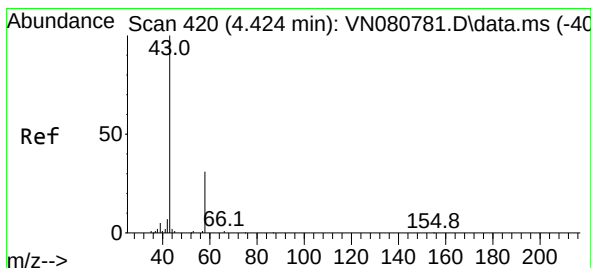
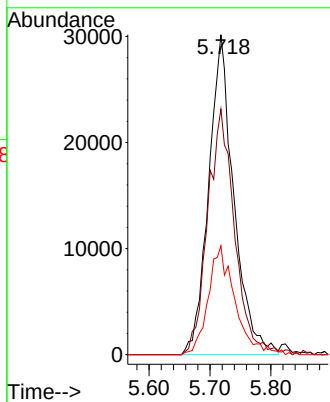
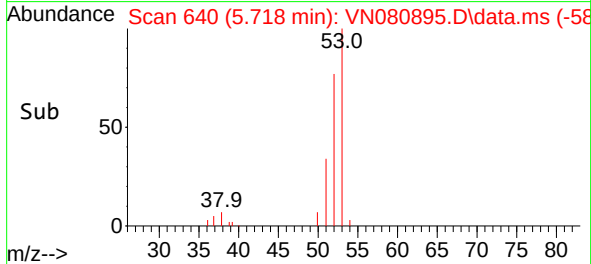
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



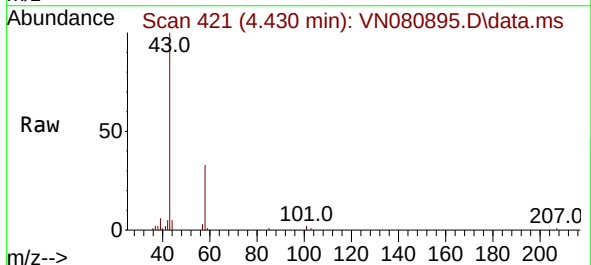
Tgt Ion: 53 Resp: 8661
Ion Ratio Lower Upper
53 100
52 81.7 64.8 97.2
51 36.3 26.9 40.3

Manual Integrations
APPROVED

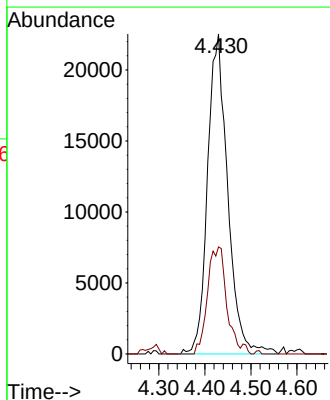
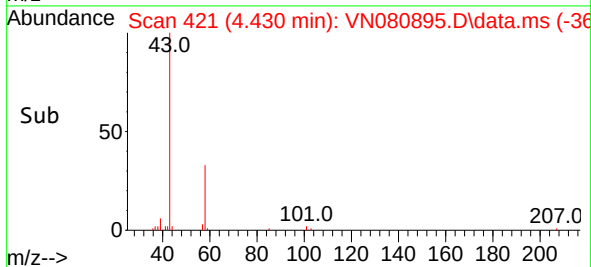
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

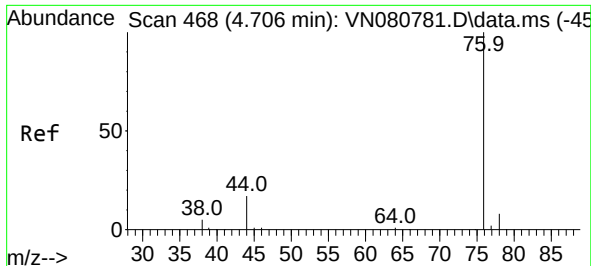


#16
Acetone
Concen: 102.378 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28



Tgt Ion: 43 Resp: 68418
Ion Ratio Lower Upper
43 100
58 33.5 24.8 37.2





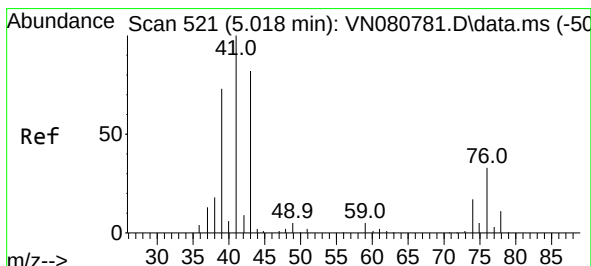
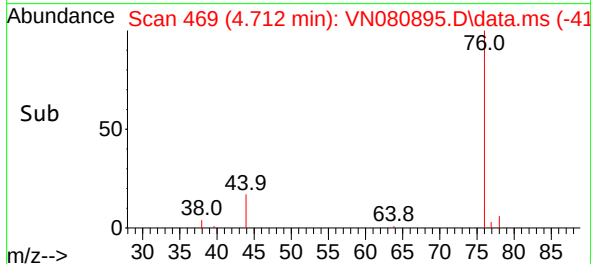
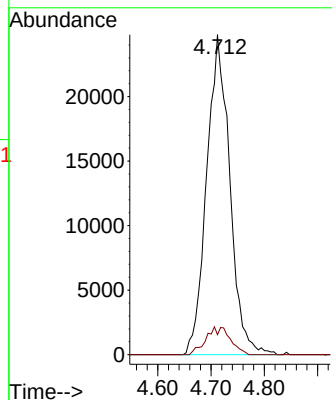
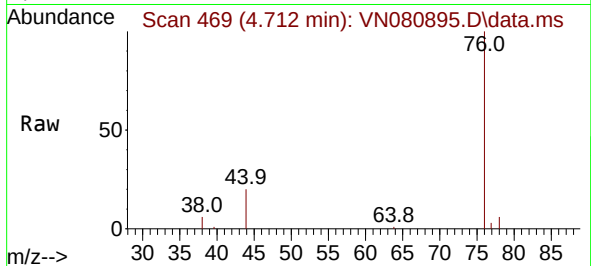
#17
Carbon Disulfide
Concen: 16.056 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tgt Ion: 76 Resp: 74735
Ion Ratio Lower Upper
76 100
78 6.2 6.3 9.5

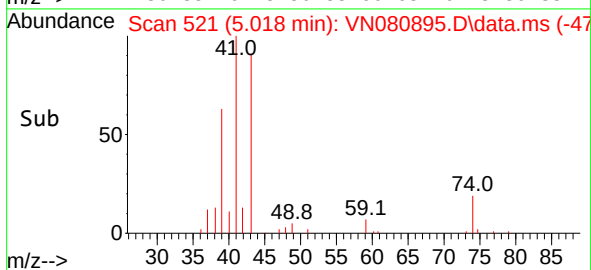
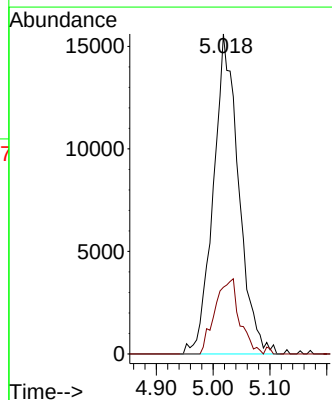
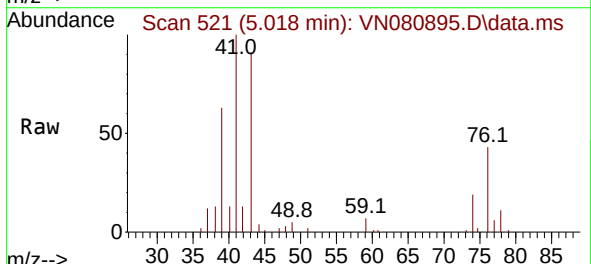
Manual Integrations
APPROVED

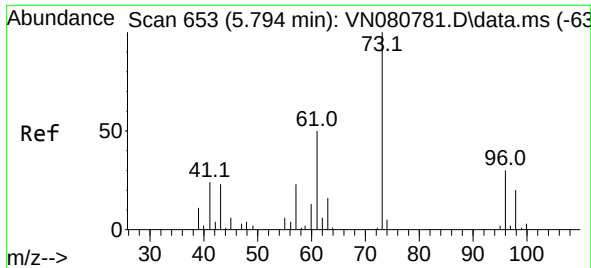
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#18
Methyl Acetate
Concen: 20.731 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Tgt Ion: 43 Resp: 48284
Ion Ratio Lower Upper
43 100
74 22.8 17.3 25.9





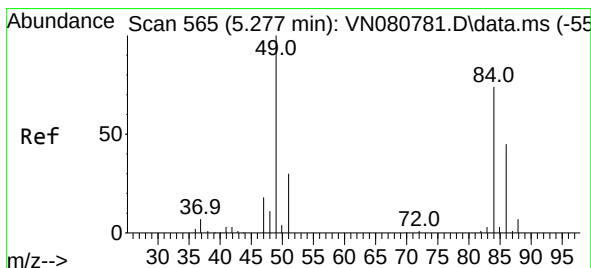
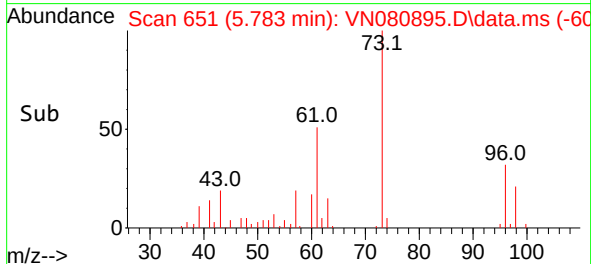
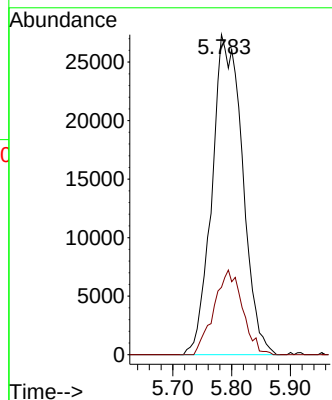
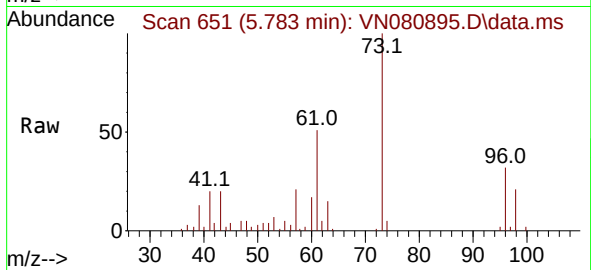
#19
Methyl tert-butyl Ether
Concen: 18.710 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tgt Ion: 73 Resp: 9856
Ion Ratio Lower Upper
73 100
57 21.0 18.2 27.4

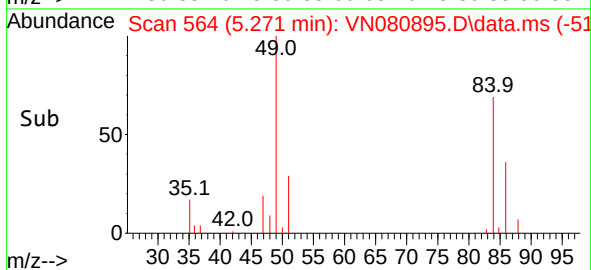
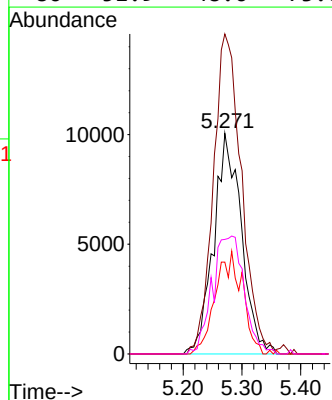
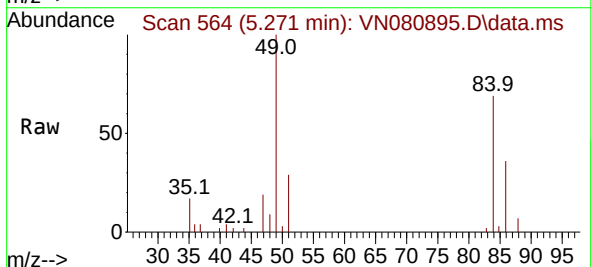
Manual Integrations
APPROVED

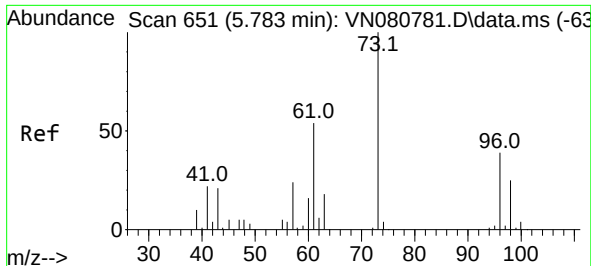
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#20
Methylene Chloride
Concen: 18.719 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Tgt Ion: 84 Resp: 32839
Ion Ratio Lower Upper
84 100
49 145.0 108.1 162.1
51 41.7 32.9 49.3
86 51.9 48.6 73.0





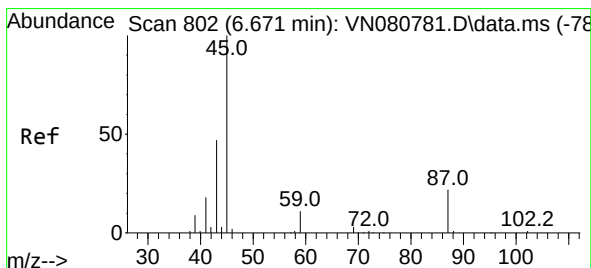
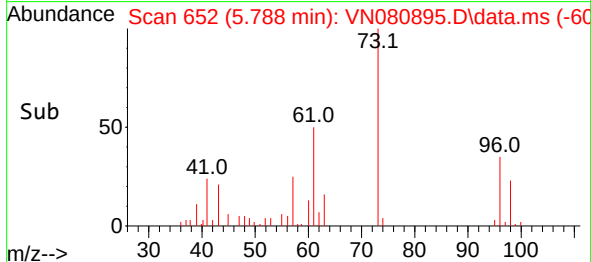
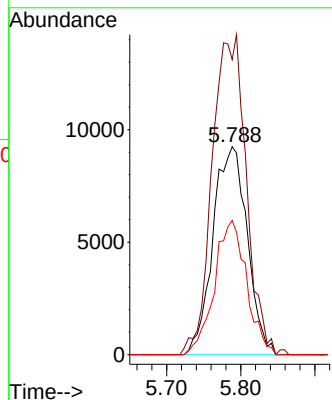
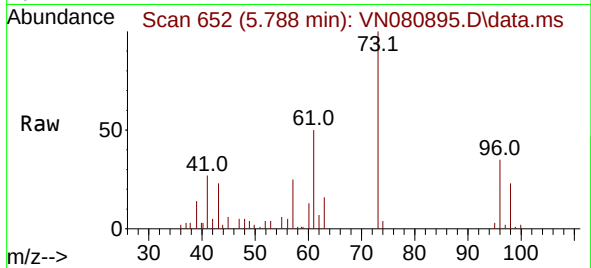
#21
trans-1,2-Dichloroethene
Concen: 18.262 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tgt Ion: 96 Resp: 29664
Ion Ratio Lower Upper
96 100
61 141.9 112.8 169.2
98 64.5 51.0 76.4

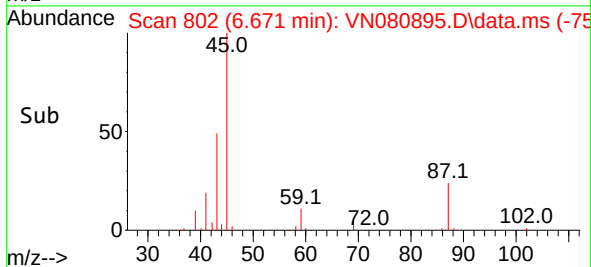
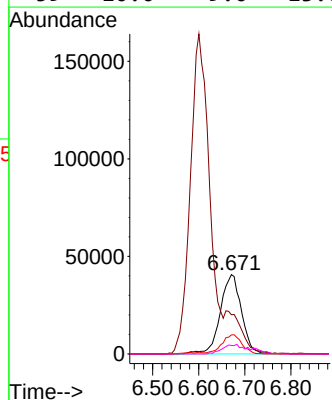
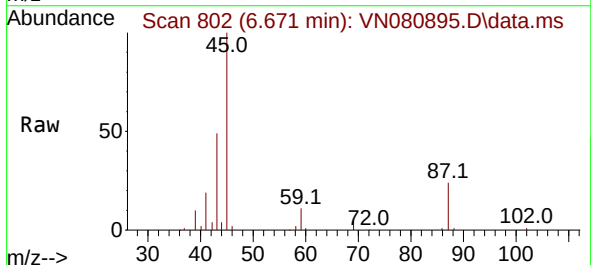
Manual Integrations
APPROVED

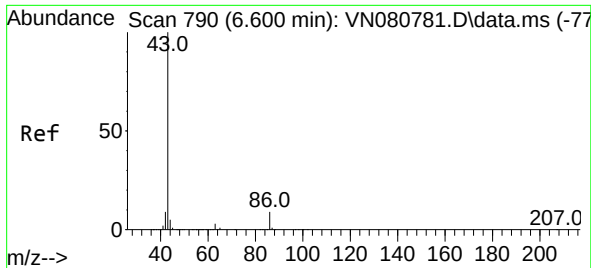
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#22
Diisopropyl ether
Concen: 19.773 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

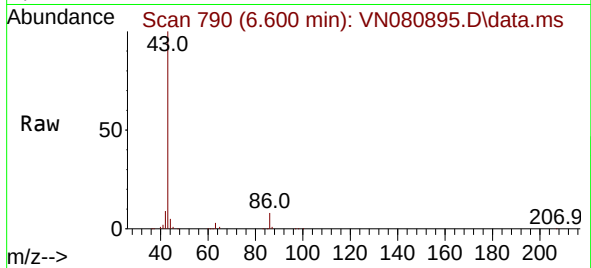
Tgt Ion: 45 Resp: 128930
Ion Ratio Lower Upper
45 100
43 48.4 41.8 62.8
87 24.1 18.1 27.1
59 10.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 99.534 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080895.D
 Acq: 05 Feb 2024 14:28

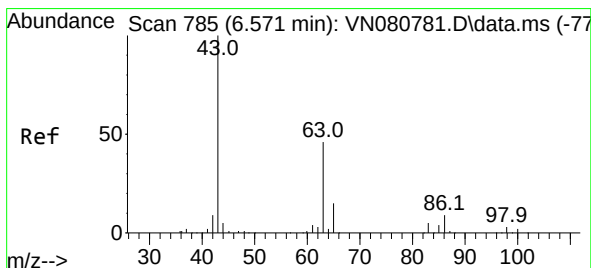
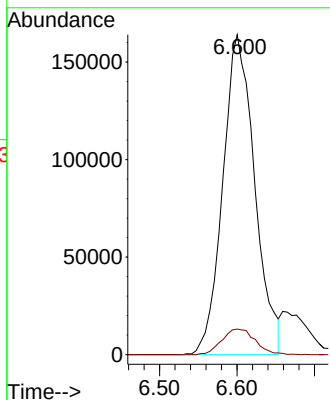
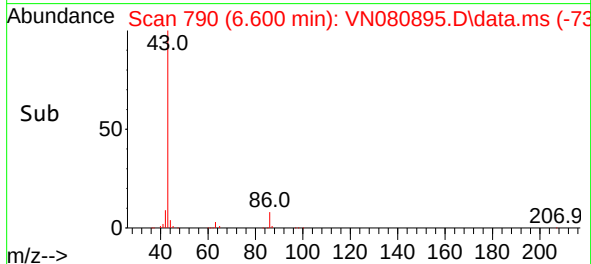
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01



Tgt Ion: 43 Resp: 469598
 Ion Ratio Lower Upper
 43 100
 86 8.0 7.1 10.7

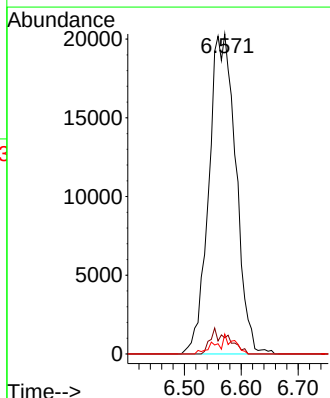
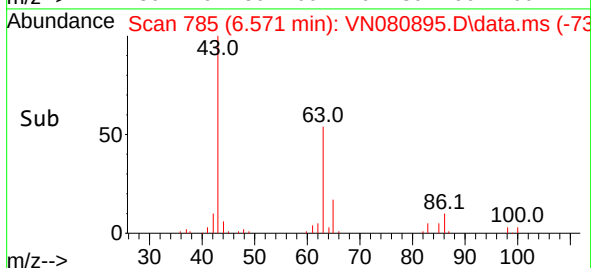
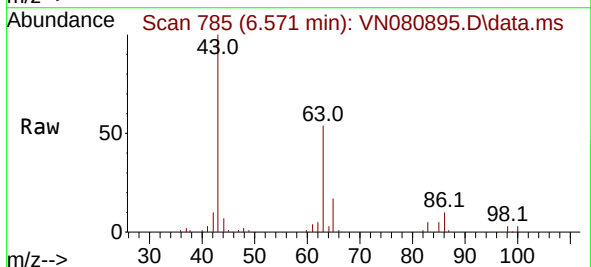
Manual Integrations
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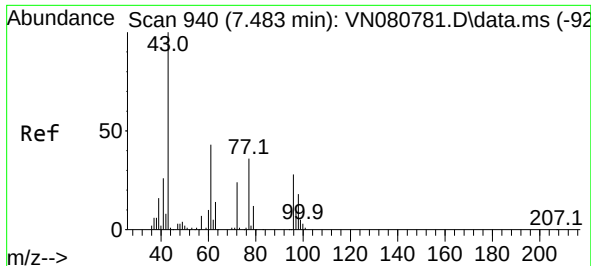
Reviewed By :John Carlone 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024



#24
 1,1-Dichloroethane
 Concen: 20.285 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN080895.D
 Acq: 05 Feb 2024 14:28

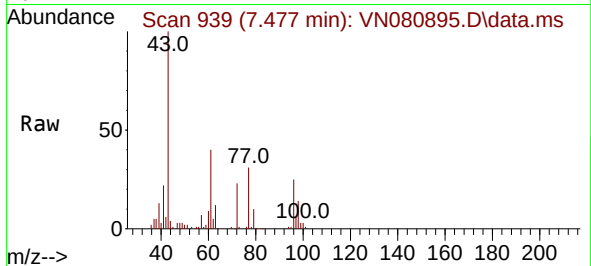
Tgt Ion: 63 Resp: 67082
 Ion Ratio Lower Upper
 63 100
 98 5.0 2.9 8.6
 100 6.2 1.9 5.7#





#25
2-Butanone
Concen: 96.922 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

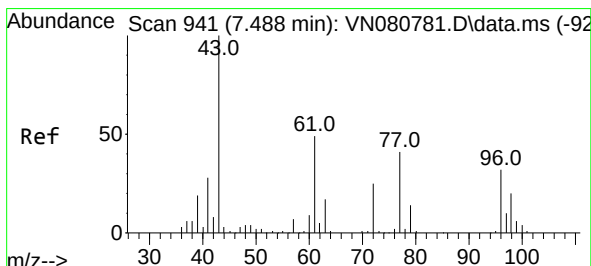
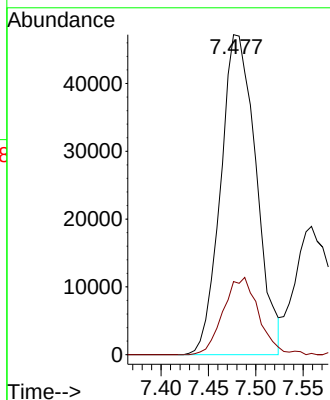
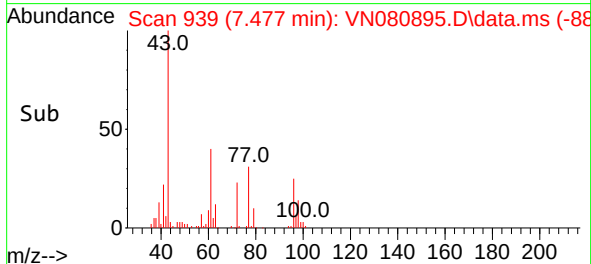
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



Tgt Ion: 43 Resp: 123029
Ion Ratio Lower Upper
43 100
72 22.8 19.5 29.3

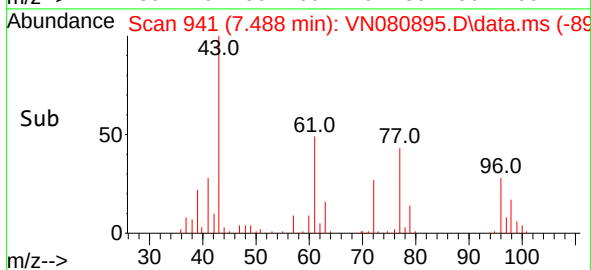
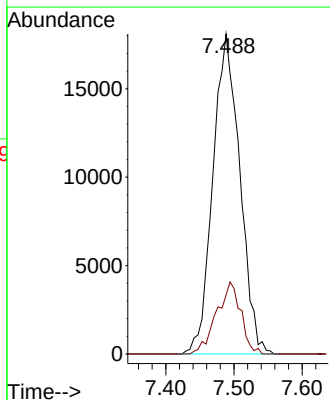
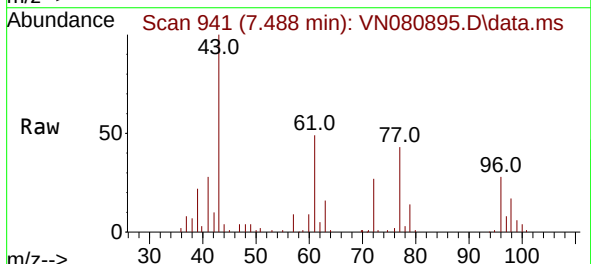
Manual Integrations
APPROVED

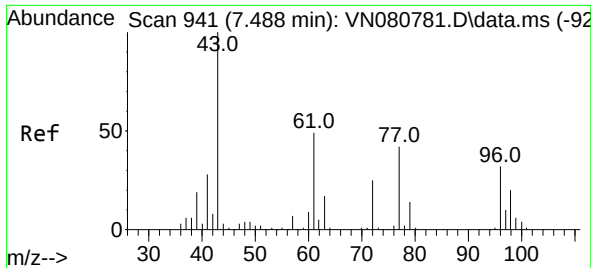
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#26
2,2-Dichloropropane
Concen: 18.624 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

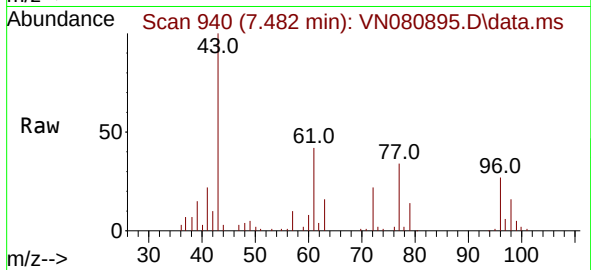
Tgt Ion: 77 Resp: 49777
Ion Ratio Lower Upper
77 100
97 20.2 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 17.771 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

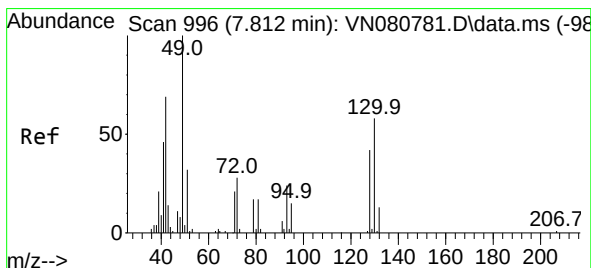
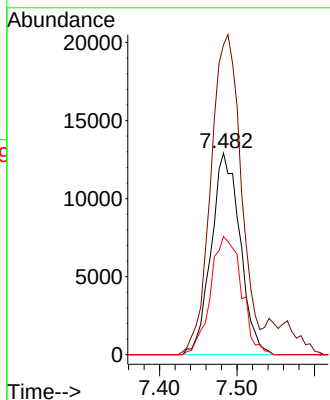
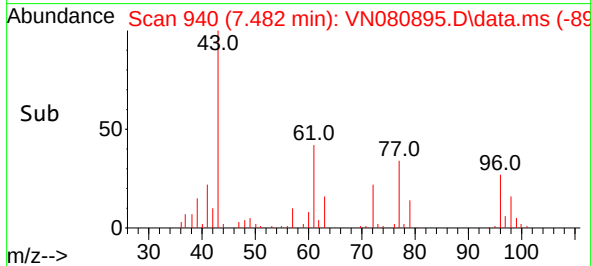
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



Tgt Ion: 96 Resp: 33414
Ion Ratio Lower Upper
96 100
61 166.9 0.0 325.4
98 63.2 0.0 130.4

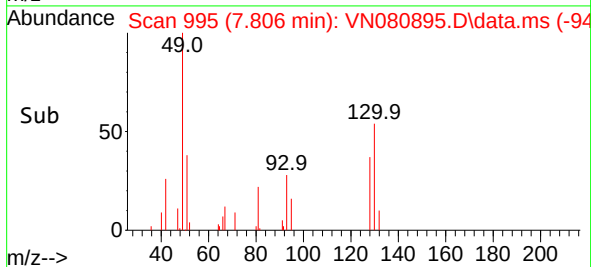
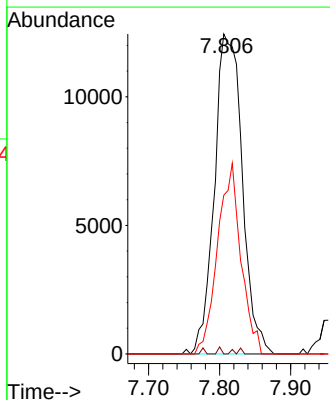
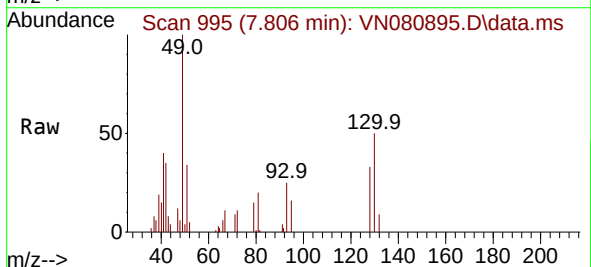
Manual Integrations
APPROVED

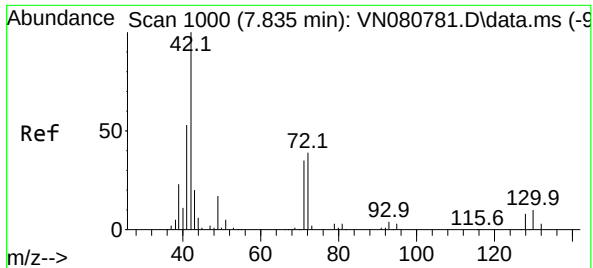
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#28
Bromochloromethane
Concen: 19.332 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Tgt Ion: 49 Resp: 33846
Ion Ratio Lower Upper
49 100
129 0.3 0.0 1.6
130 0.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 96.623 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

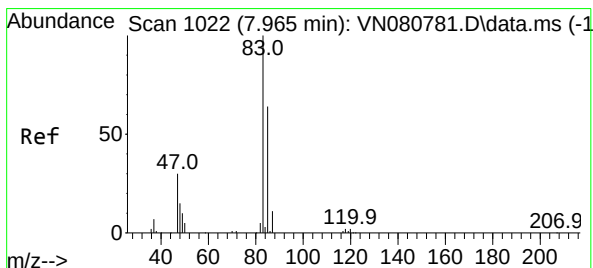
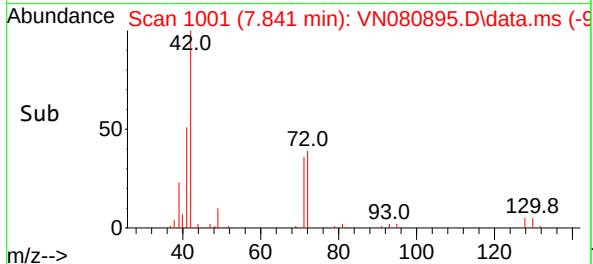
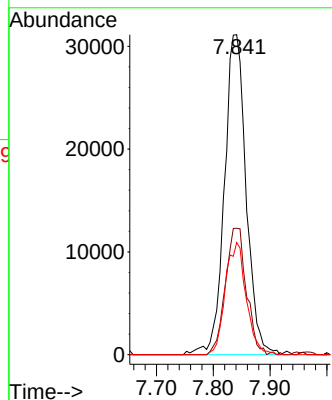
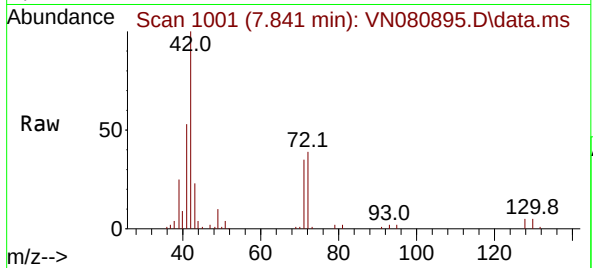
Tgt Ion:	42	Resp:	82992
Ion Ratio	Lower	Upper	
42	100		
72	38.2	31.1	46.7
71	33.6	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#30

Chloroform

Concen: 18.817 ug/l

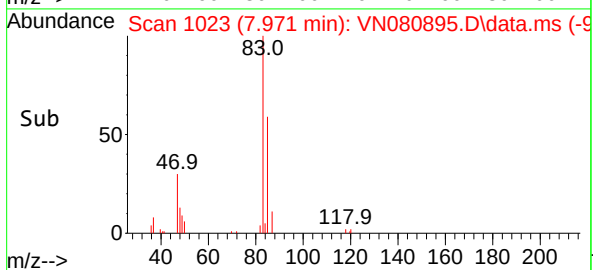
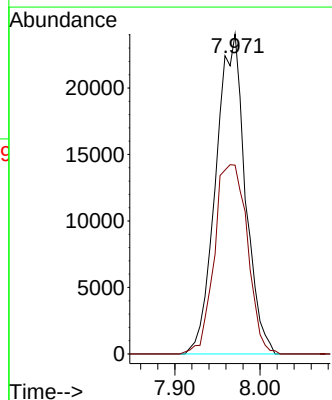
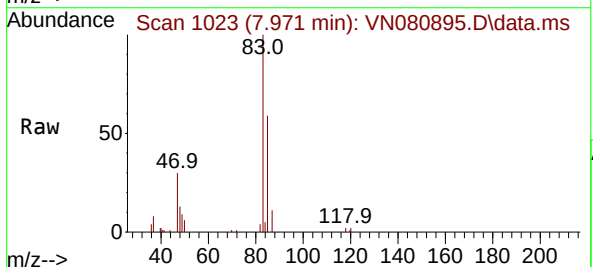
RT: 7.971 min Scan# 1023

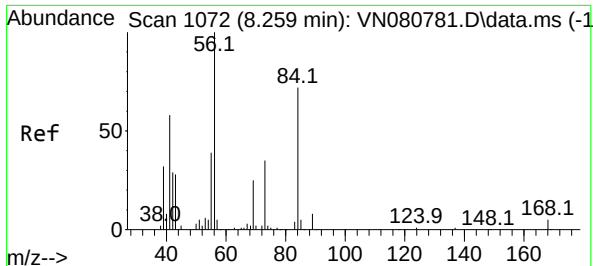
Delta R.T. 0.006 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

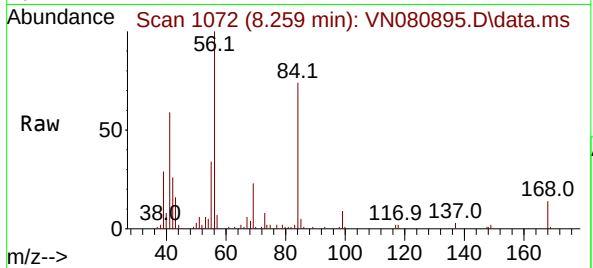
Tgt Ion:	83	Resp:	57810
Ion Ratio	Lower	Upper	
83	100		
85	59.0	51.0	76.6





#31
Cyclohexane
Concen: 18.025 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

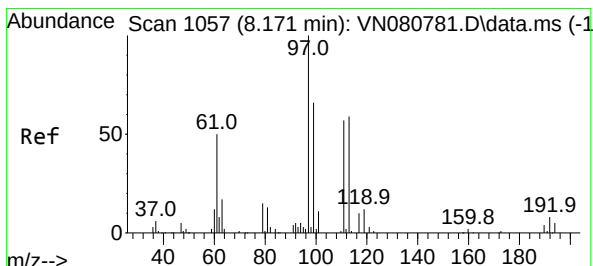
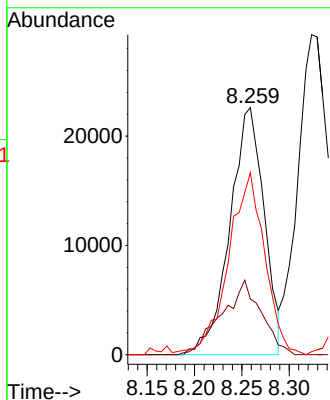
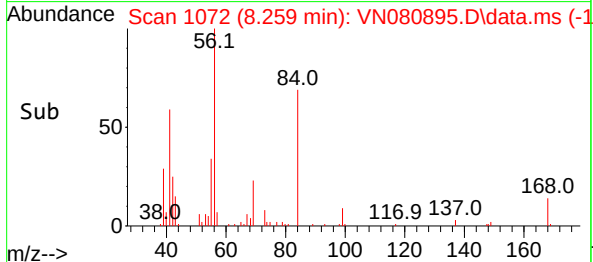
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



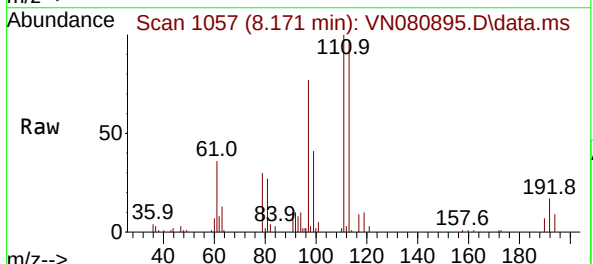
Tgt Ion: 56 Resp: 56950
Ion Ratio Lower Upper
56 100
69 22.5 20.1 30.1
84 72.3 56.9 85.3

Manual Integrations
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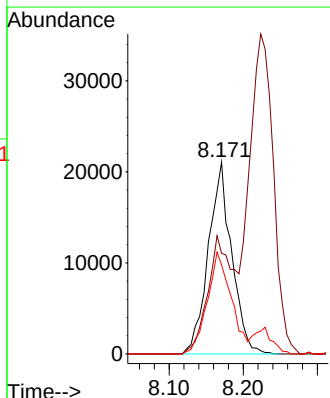
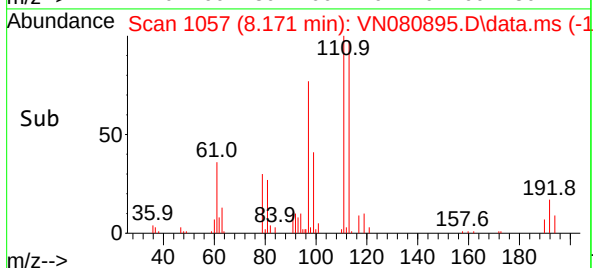
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

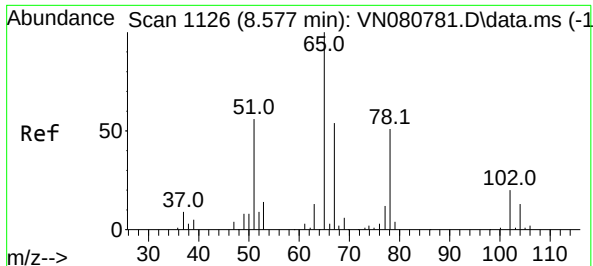


#32
1,1,1-Trichloroethane
Concen: 18.481 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28



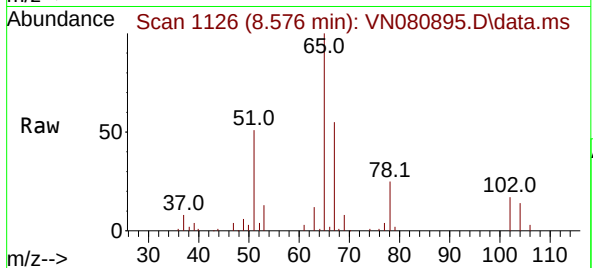
Tgt Ion: 97 Resp: 46041
Ion Ratio Lower Upper
97 100
99 68.6 53.4 80.0
61 54.6 43.8 65.8





#33
1,2-Dichloroethane-d4
Concen: 50.747 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

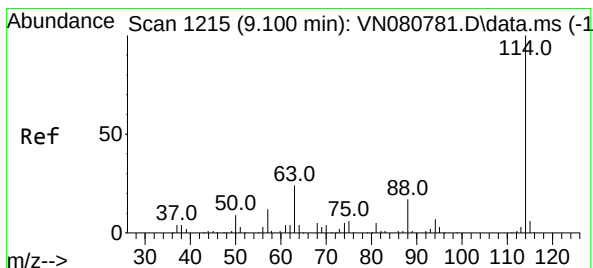
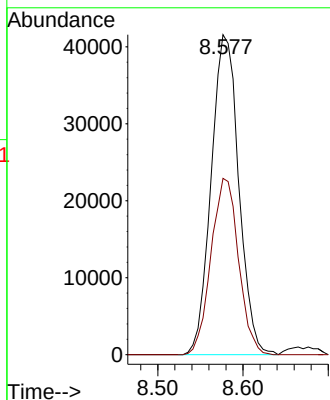
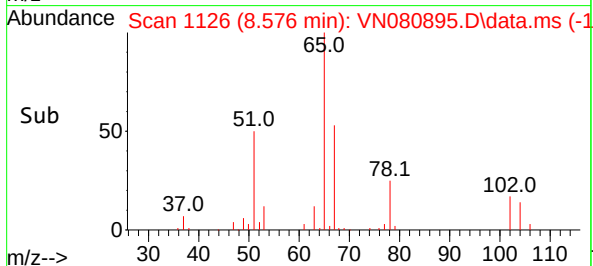
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



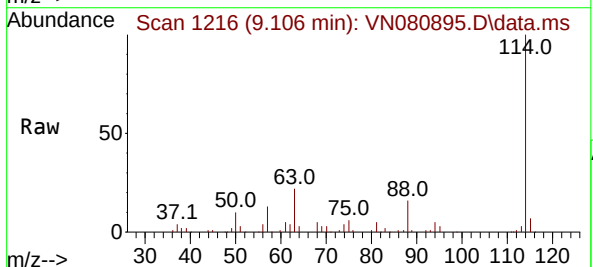
Tgt Ion: 65 Resp: 93510
Ion Ratio Lower Upper
65 100
67 54.8 0.0 102.4

Manual Integrations
APPROVED

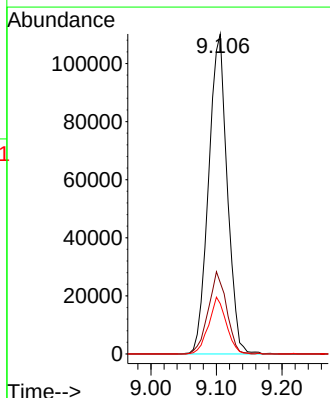
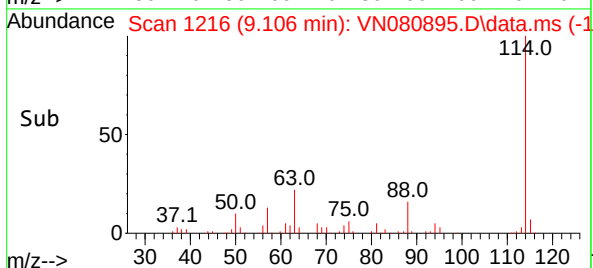
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

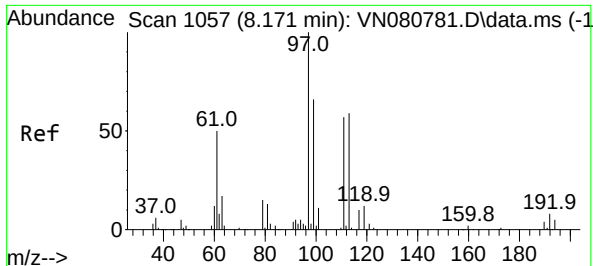


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28



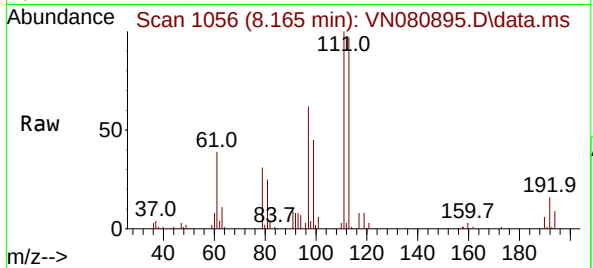
Tgt Ion:114 Resp: 217236
Ion Ratio Lower Upper
114 100
63 22.2 0.0 48.0
88 15.7 0.0 34.8





#35
Dibromofluoromethane
Concen: 50.283 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

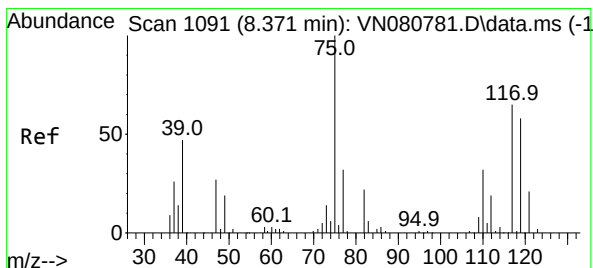
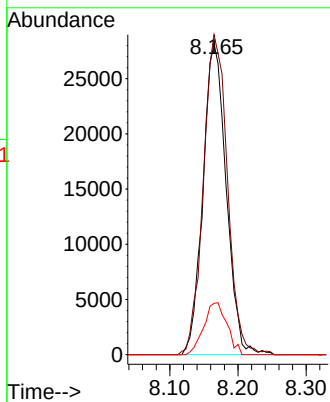
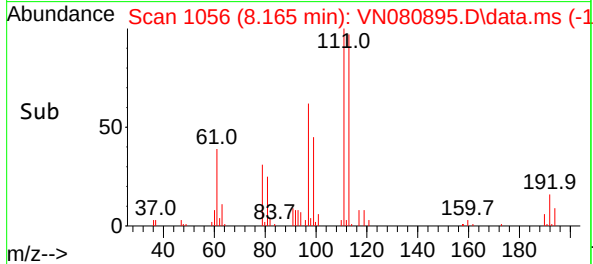
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



Tgt Ion:113 Resp: 66829
Ion Ratio Lower Upper
113 100
111 106.6 82.2 123.4
192 16.7 12.5 18.7

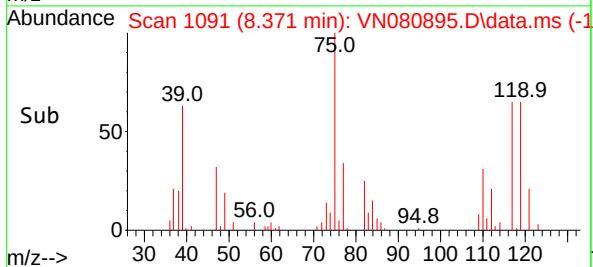
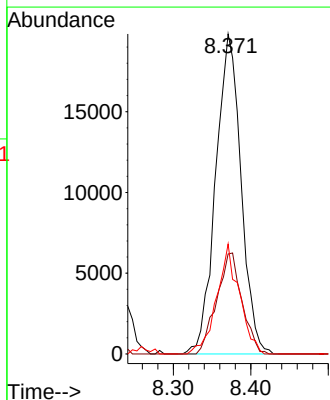
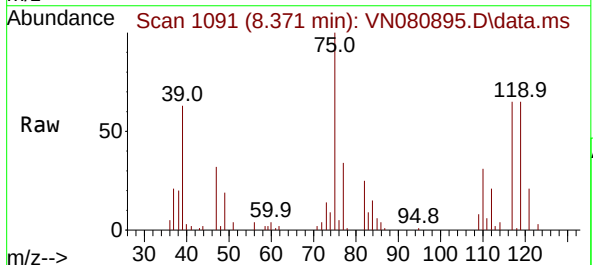
Manual Integrations
APPROVED

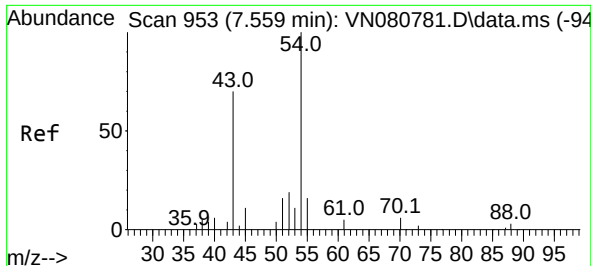
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#36
1,1-Dichloropropene
Concen: 18.230 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

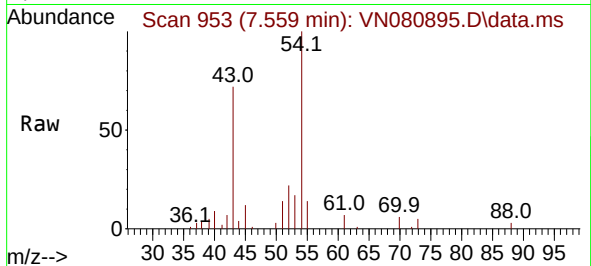
Tgt Ion: 75 Resp: 45034
Ion Ratio Lower Upper
75 100
110 31.5 16.0 48.0
77 30.7 25.8 38.6





#37
Ethyl Acetate
Concen: 18.990 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

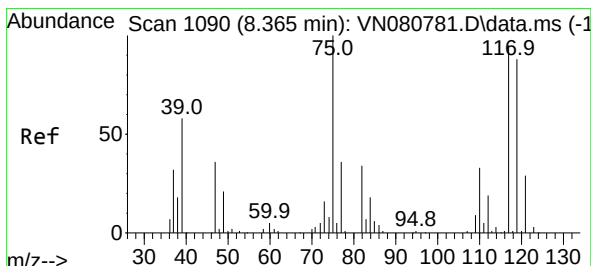
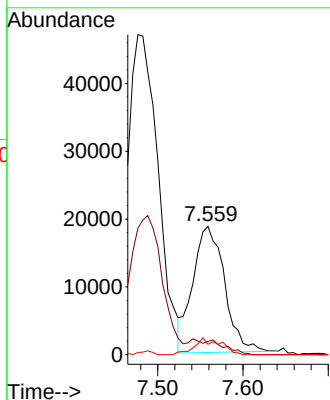
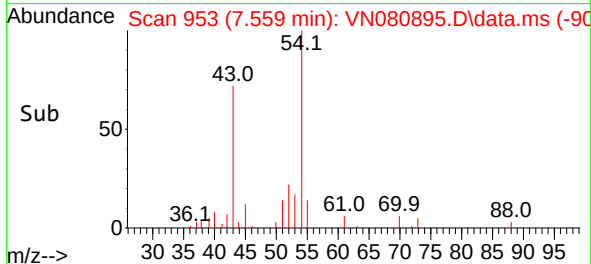
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



Tgt Ion: 43 Resp: 48290
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8
70 10.9 8.0 12.0

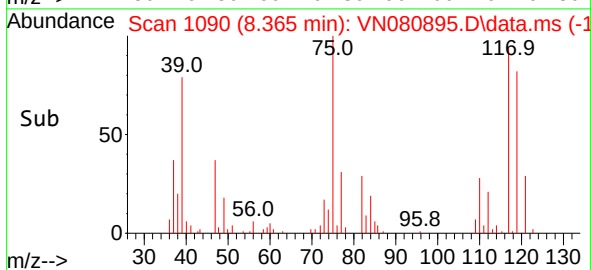
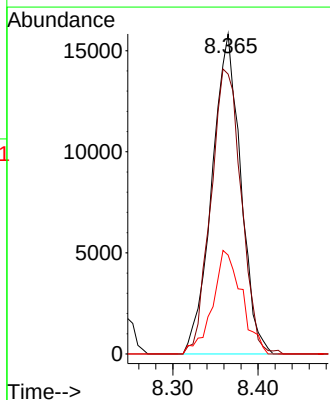
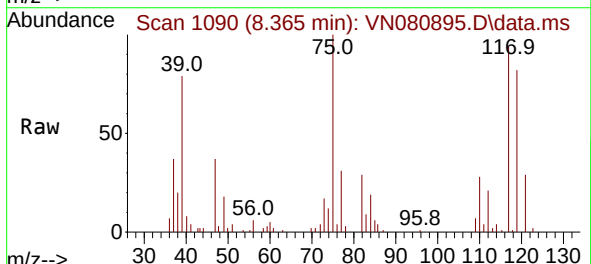
Manual Integrations
APPROVED

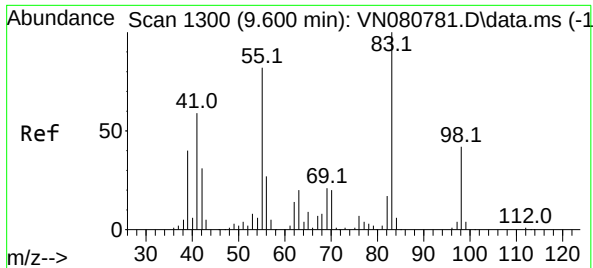
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#38
Carbon Tetrachloride
Concen: 18.686 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Tgt Ion:117 Resp: 37192
Ion Ratio Lower Upper
117 100
119 87.4 73.4 110.2
121 30.9 24.4 36.6





#39

Methylcyclohexane

Concen: 17.269 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

Tgt Ion: 83 Resp: 4240

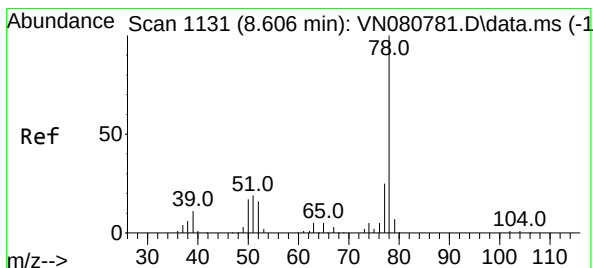
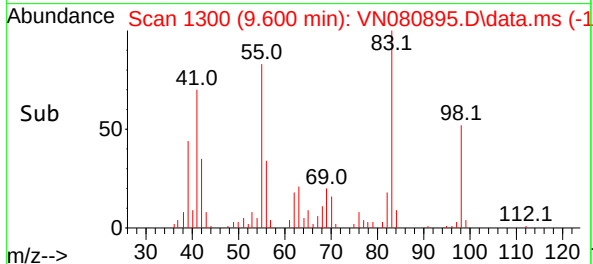
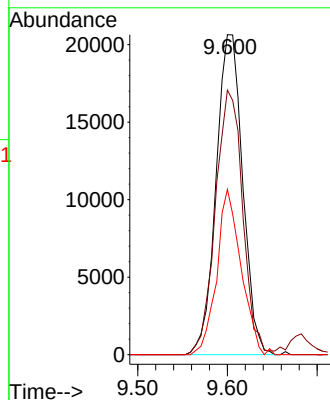
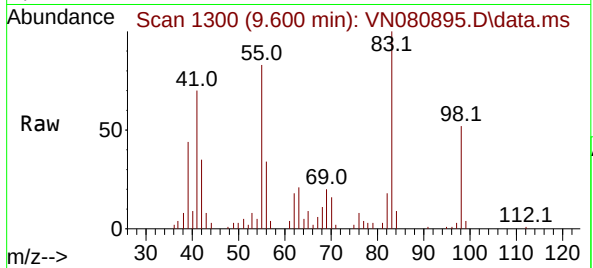
Ion	Ratio	Lower	Upper
83	100		
55	82.7	65.7	98.5
98	51.6	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#40

Benzene

Concen: 18.676 ug/l

RT: 8.606 min Scan# 1131

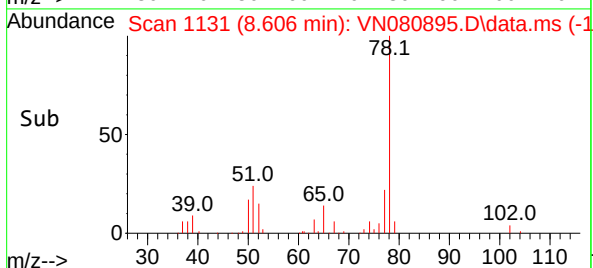
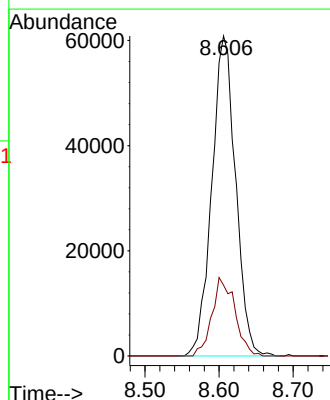
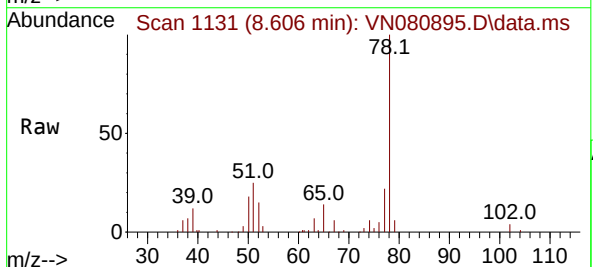
Delta R.T. -0.000 min

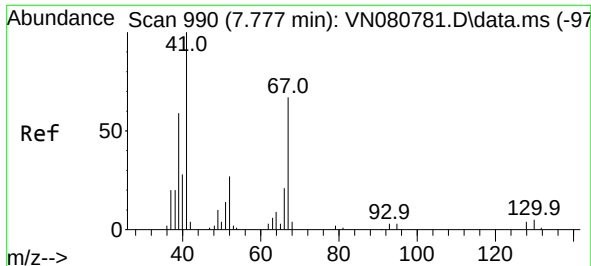
Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Tgt Ion: 78 Resp: 135596

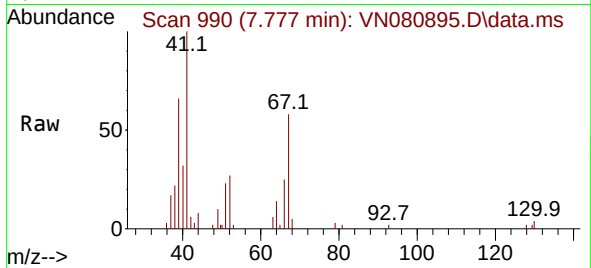
Ion	Ratio	Lower	Upper
78	100		
77	22.1	20.4	30.6





#41
Methacrylonitrile
Concen: 19.553 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

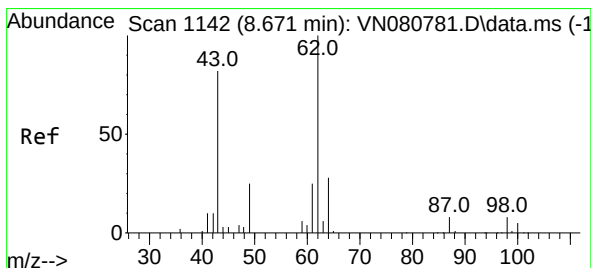
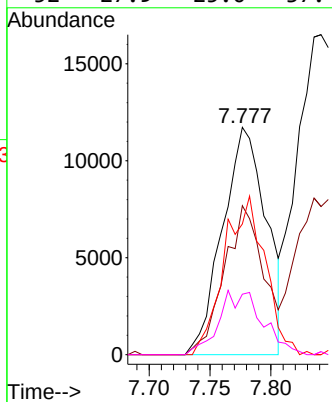
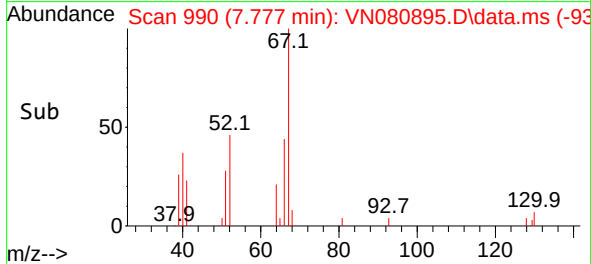
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



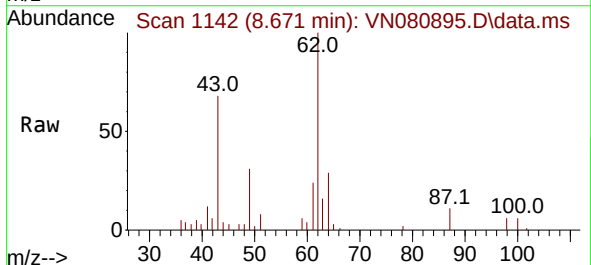
Tgt Ion: 41 Resp: 29300
Ion Ratio Lower Upper
41 100
39 59.2 48.4 72.6
67 65.0 56.8 85.2
52 27.9 25.0 37.4

Manual Integrations
APPROVED

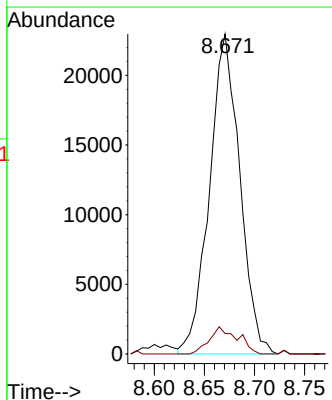
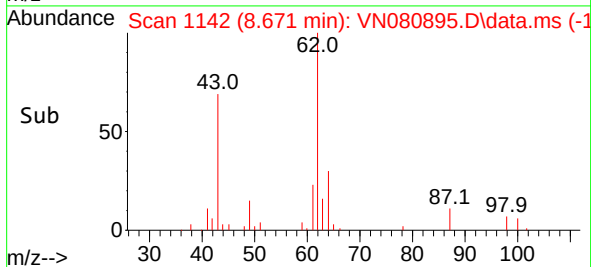
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

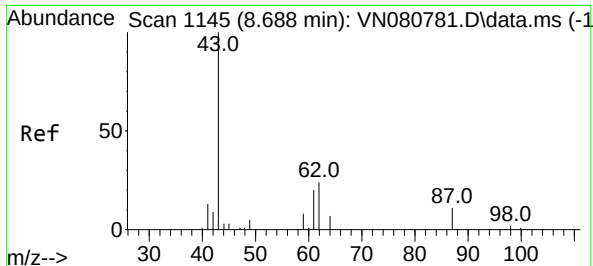


#42
1,2-Dichloroethane
Concen: 20.379 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28



Tgt Ion: 62 Resp: 48203
Ion Ratio Lower Upper
62 100
98 7.9 0.0 18.0





#43

Isopropyl Acetate

Concen: 18.693 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

Tgt Ion: 43 Resp: 86548

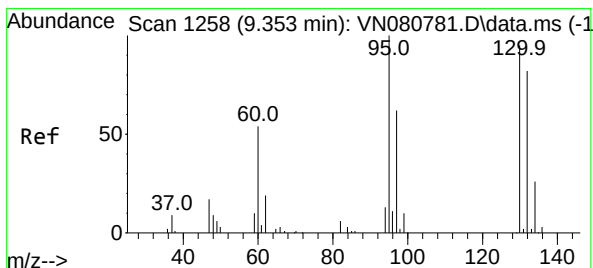
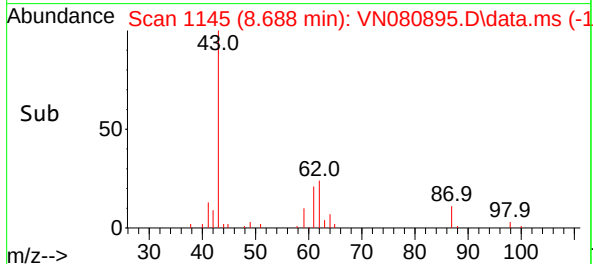
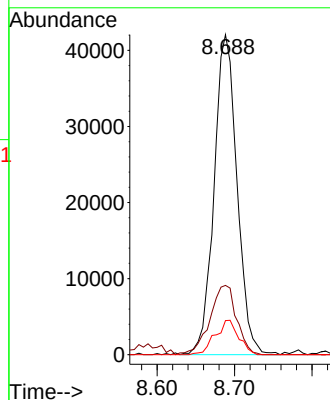
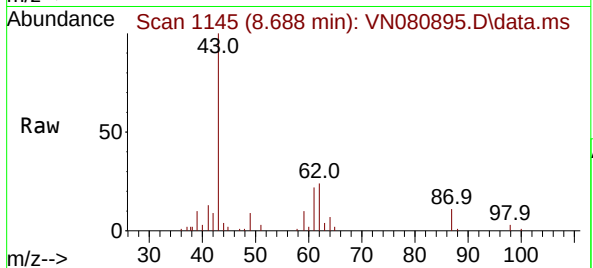
Ion	Ratio	Lower	Upper
43	100		
61	25.2	19.9	29.9
87	11.0	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#44

Trichloroethene

Concen: 18.066 ug/l

RT: 9.353 min Scan# 1258

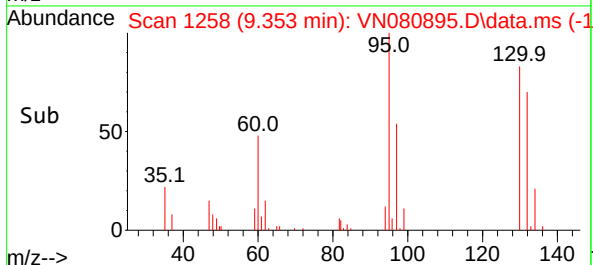
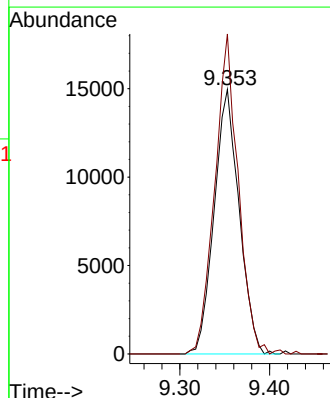
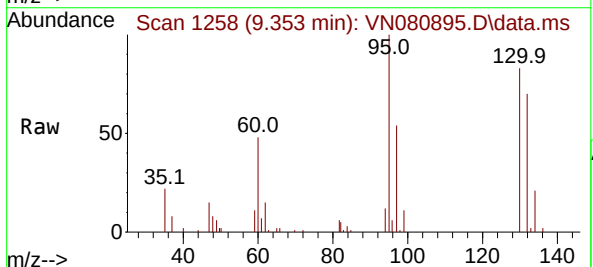
Delta R.T. -0.000 min

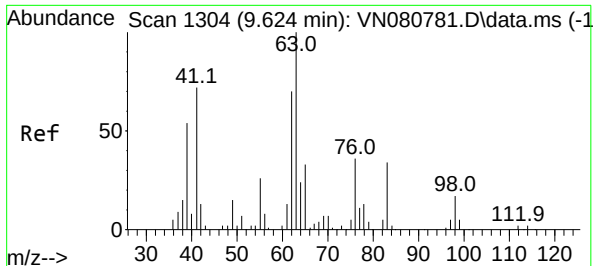
Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Tgt Ion:130 Resp: 28891

Ion	Ratio	Lower	Upper
130	100		
95	121.0	0.0	210.4





#45

1,2-Dichloropropane

Concen: 19.022 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

Tgt Ion: 63 Resp: 3737

Ion Ratio Lower Upper

63 100

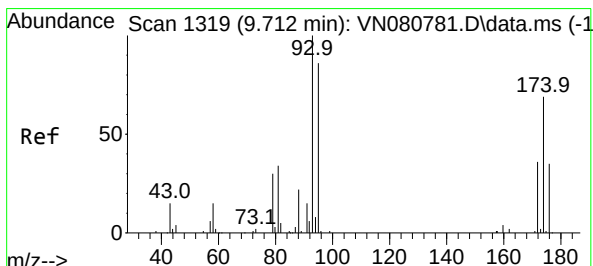
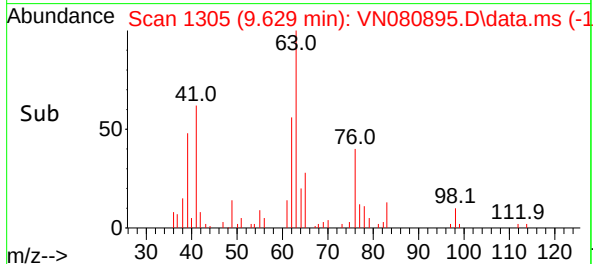
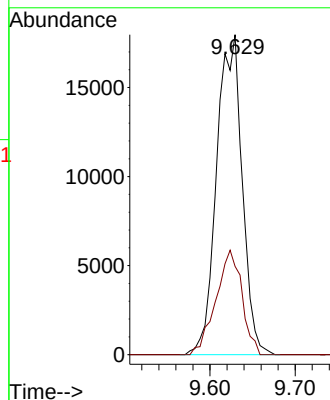
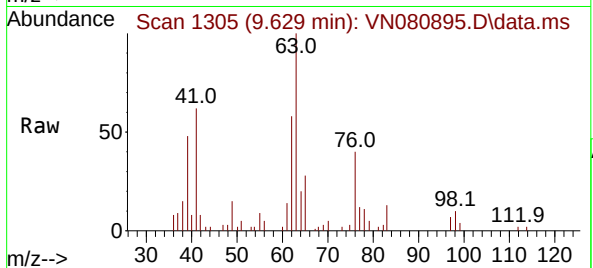
65 27.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#46

Dibromomethane

Concen: 19.032 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

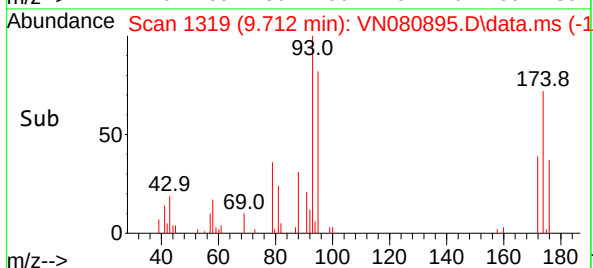
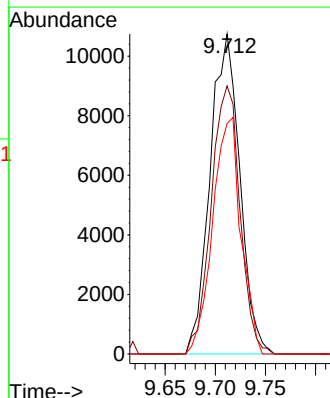
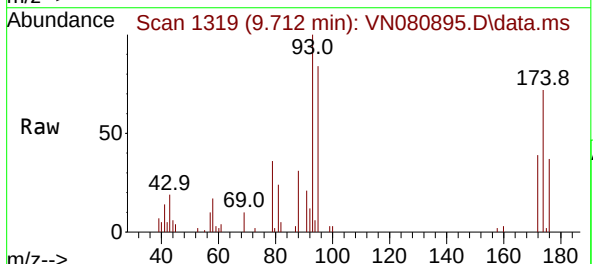
Tgt Ion: 93 Resp: 22168

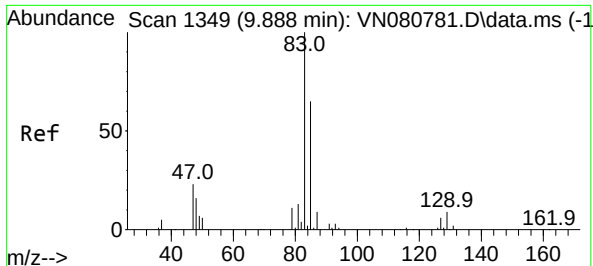
Ion Ratio Lower Upper

93 100

95 81.2 68.1 102.1

174 70.3 57.2 85.8





#47

Bromodichloromethane

Concen: 18.523 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

Tgt Ion: 83 Resp: 4380

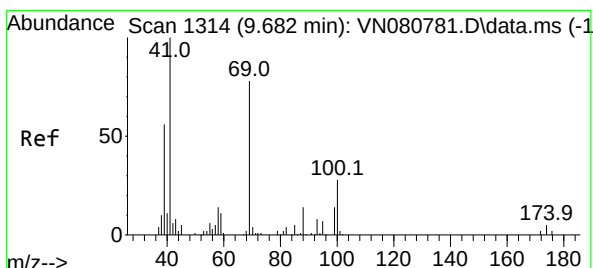
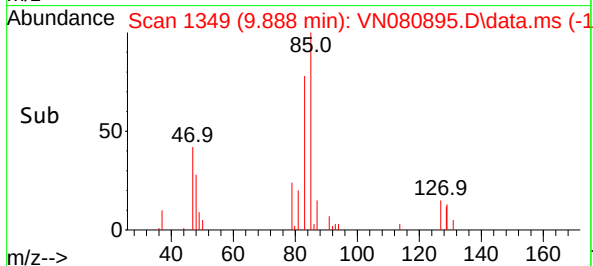
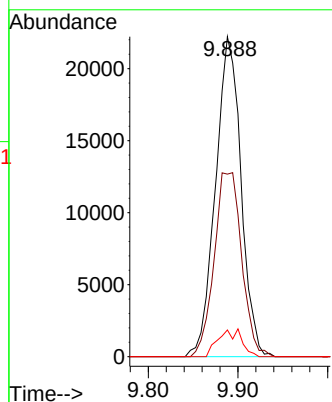
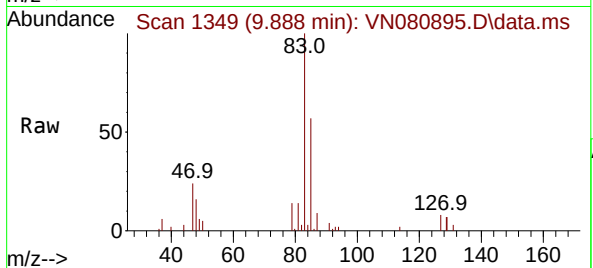
Ion	Ratio	Lower	Upper
83	100		
85	57.1	52.3	78.5
127	8.3	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#48

Methyl methacrylate

Concen: 17.359 ug/l

RT: 9.682 min Scan# 1314

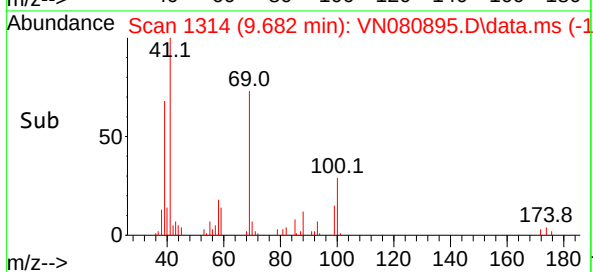
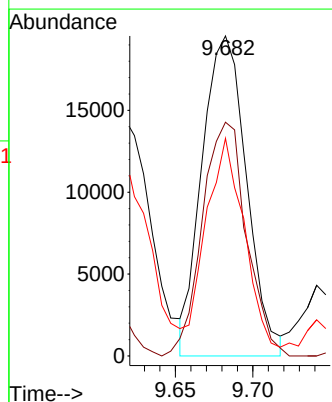
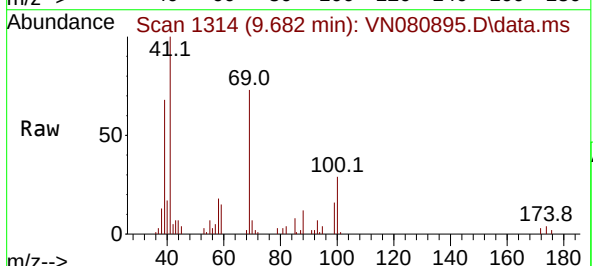
Delta R.T. -0.000 min

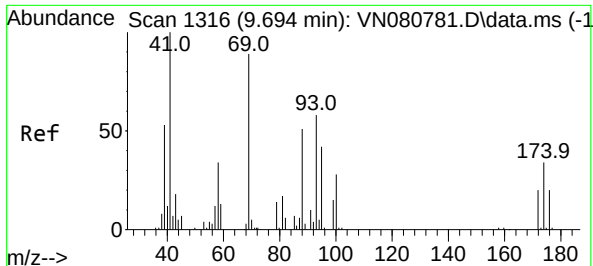
Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Tgt Ion: 41 Resp: 38964

Ion	Ratio	Lower	Upper
41	100		
69	72.6	62.2	93.2
39	60.5	47.6	71.4





#49

1,4-Dioxane

Concen: 388.549 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

Tgt Ion: 88 Resp: 1050

Ion Ratio Lower Upper

88 100

43 39.6 30.1 45.1

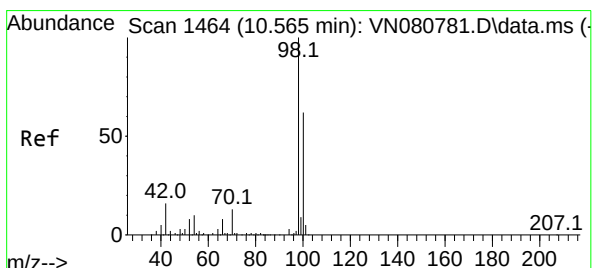
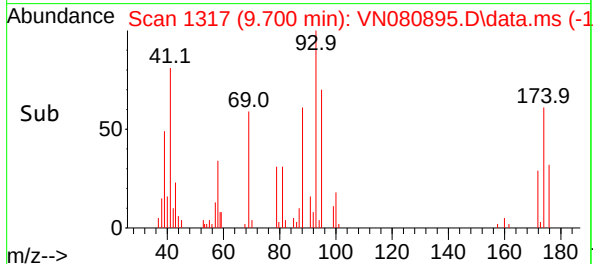
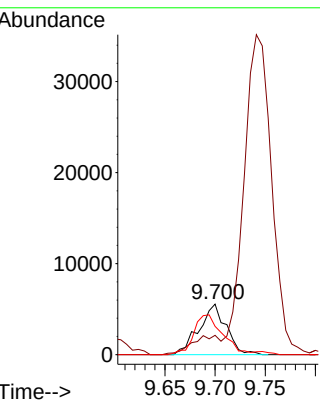
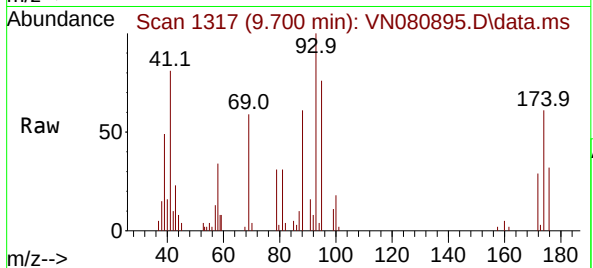
58 87.1 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#50

Toluene-d8

Concen: 50.412 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080895.D

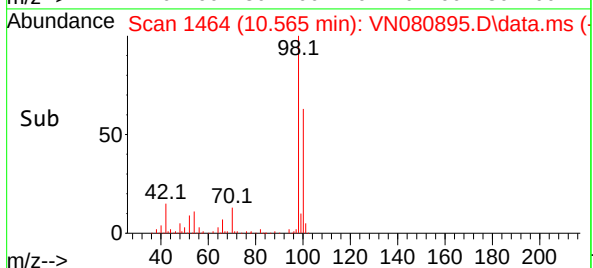
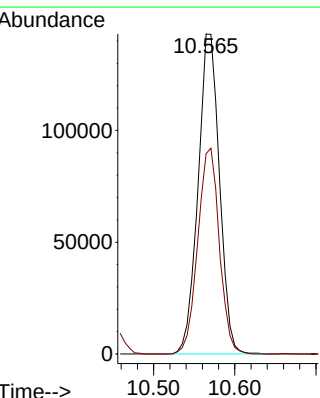
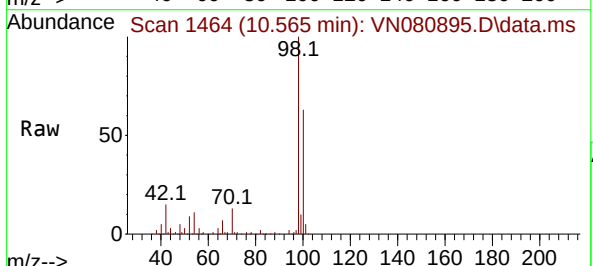
Acq: 05 Feb 2024 14:28

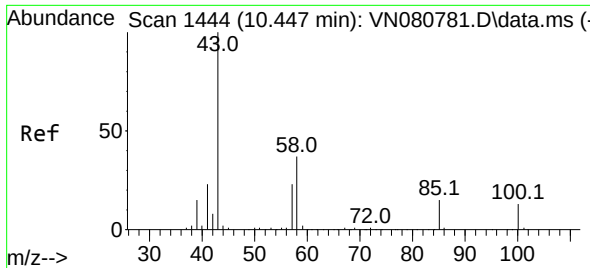
Tgt Ion: 98 Resp: 262237

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0





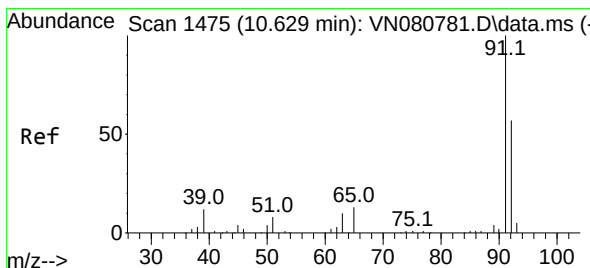
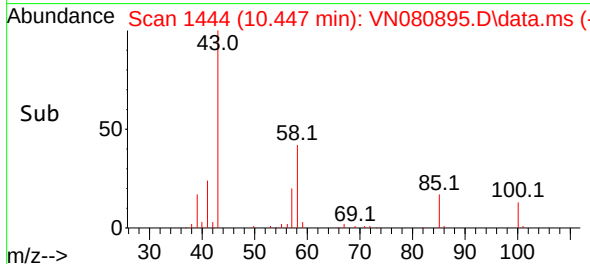
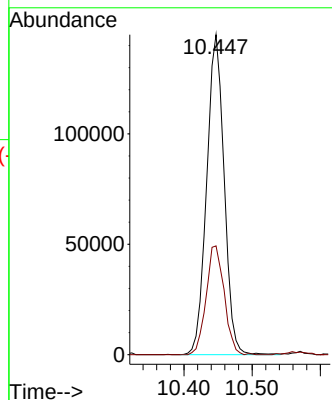
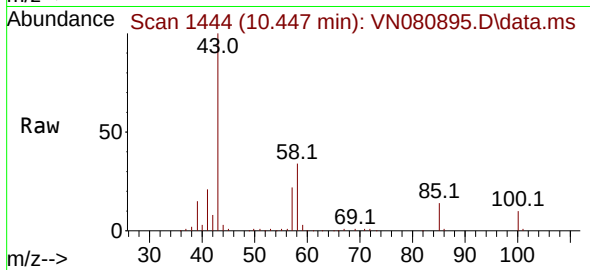
#51
4-Methyl-2-Pentanone
Concen: 99.921 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tgt Ion: 43 Resp: 258614
Ion Ratio Lower Upper
43 100
58 35.1 29.4 44.0

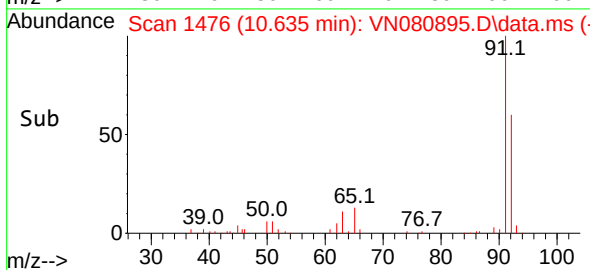
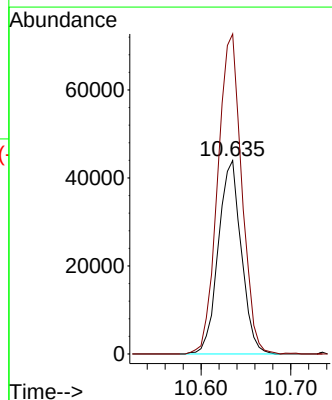
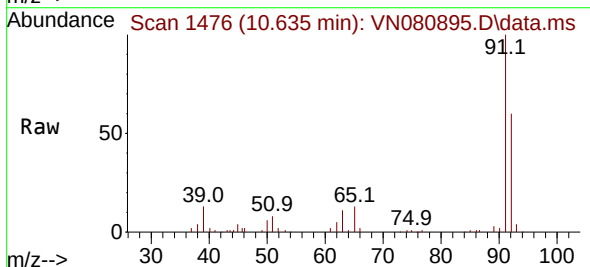
Manual Integrations
APPROVED

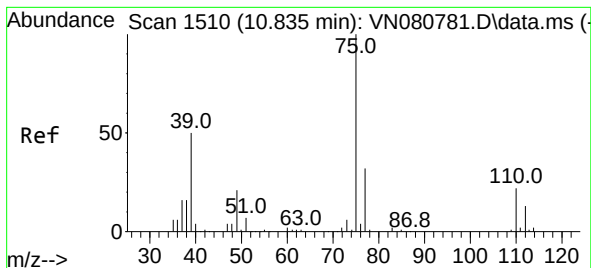
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#52
Toluene
Concen: 18.792 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

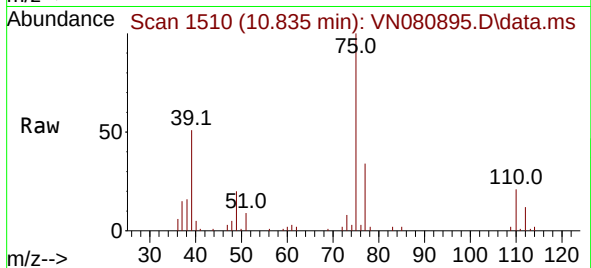
Tgt Ion: 92 Resp: 78230
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 17.413 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

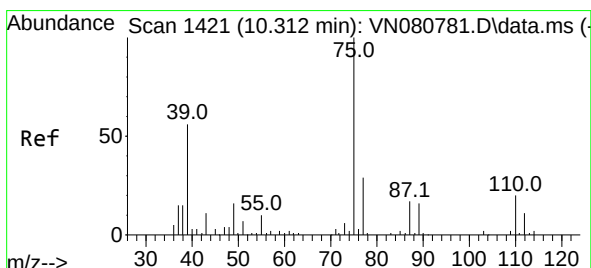
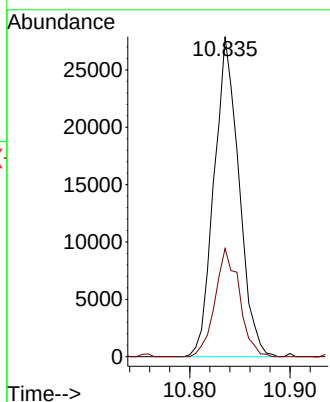
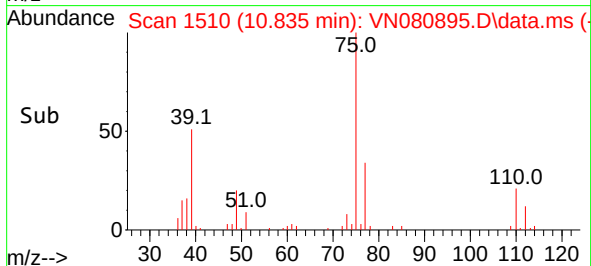
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



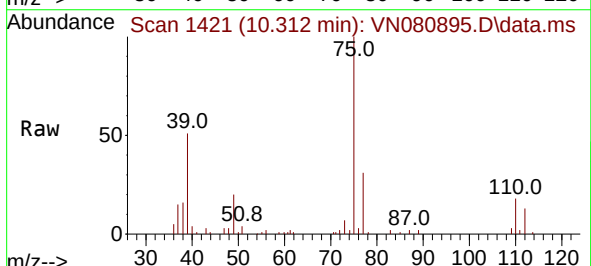
Tgt Ion: 75 Resp: 4797
Ion Ratio Lower Upper
75 100
77 33.8 25.5 38.3

Manual Integrations
APPROVED

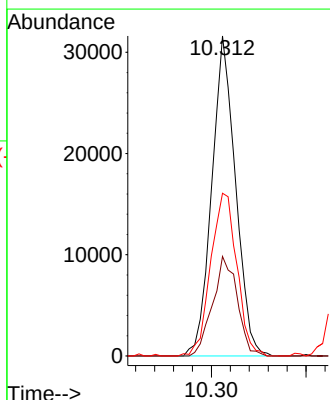
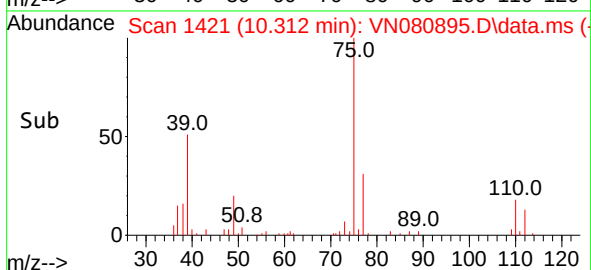
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

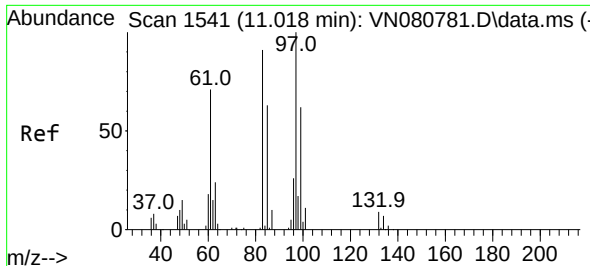


#54
cis-1,3-Dichloropropene
Concen: 18.357 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28



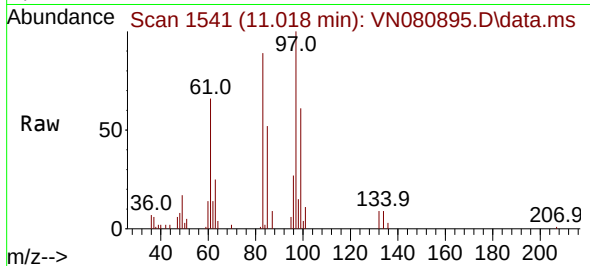
Tgt Ion: 75 Resp: 54993
Ion Ratio Lower Upper
75 100
77 31.1 23.3 34.9
39 50.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.163 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

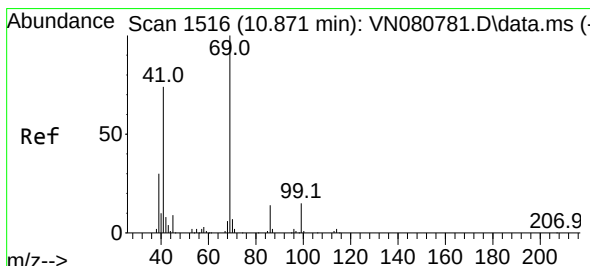
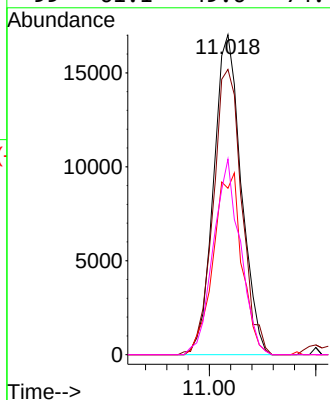
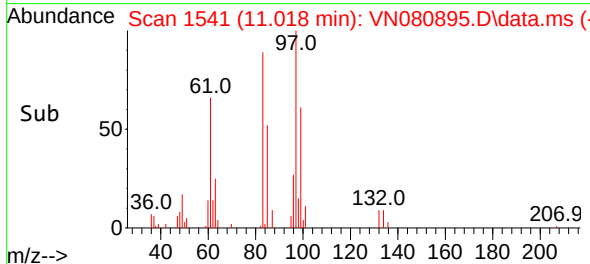
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



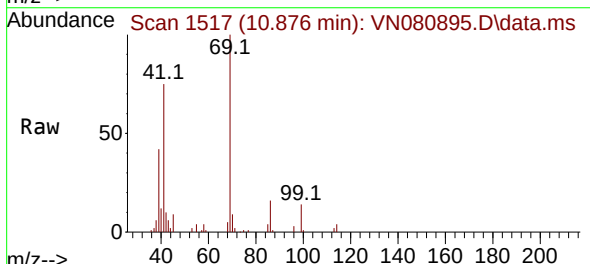
Tgt Ion: 97 Resp: 30658
Ion Ratio Lower Upper
97 100
83 89.1 72.9 109.3
85 52.0 50.2 75.2
99 61.1 49.6 74.4

Manual Integrations
APPROVED

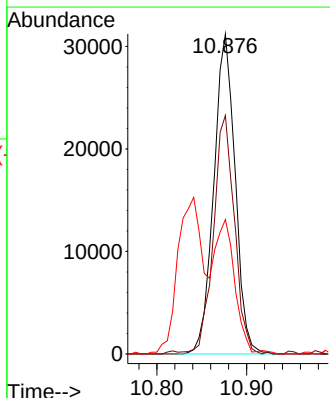
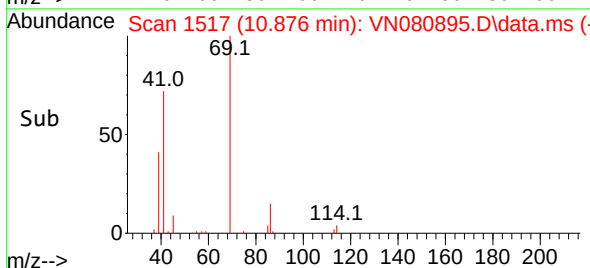
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

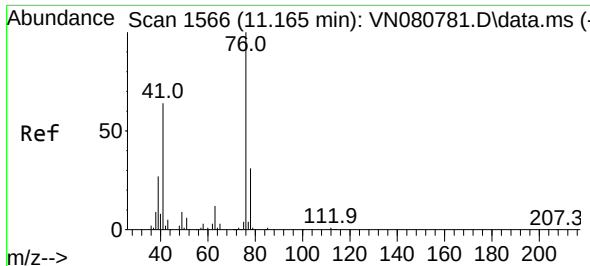


#56
Ethyl methacrylate
Concen: 20.958 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.005 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28



Tgt Ion: 69 Resp: 51544
Ion Ratio Lower Upper
69 100
41 73.4 61.0 91.6
39 37.7 31.8 47.6





#57

1,3-Dichloropropane

Concen: 19.117 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

Tgt Ion: 76 Resp: 57559

Ion Ratio Lower Upper

76 100

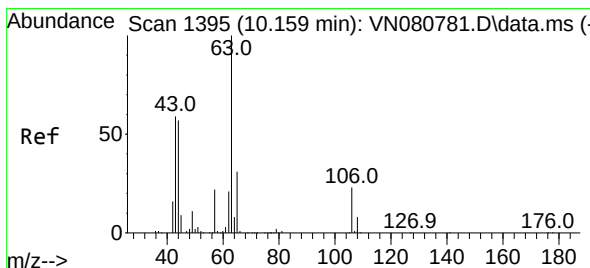
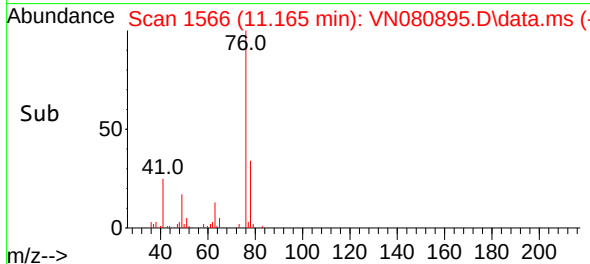
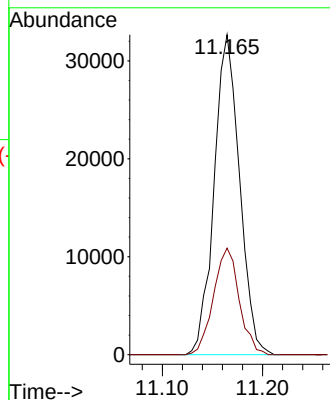
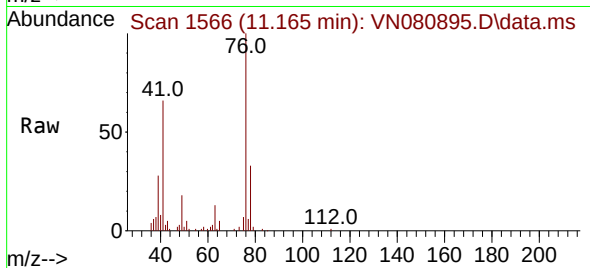
78 33.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#58

2-Chloroethyl Vinyl ether

Concen: 99.065 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080895.D

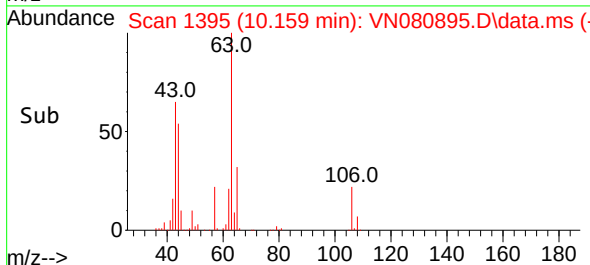
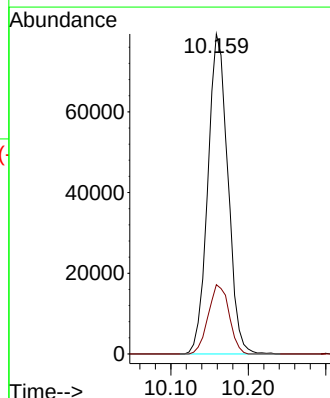
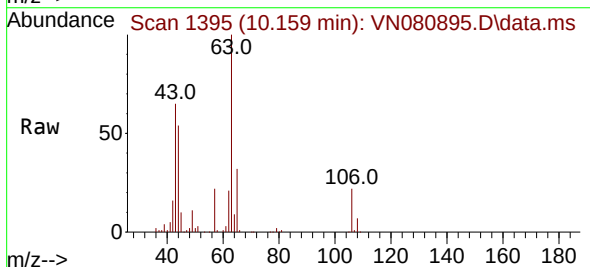
Acq: 05 Feb 2024 14:28

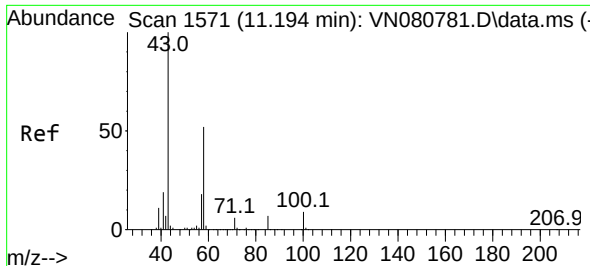
Tgt Ion: 63 Resp: 142031

Ion Ratio Lower Upper

63 100

106 22.6 18.6 28.0





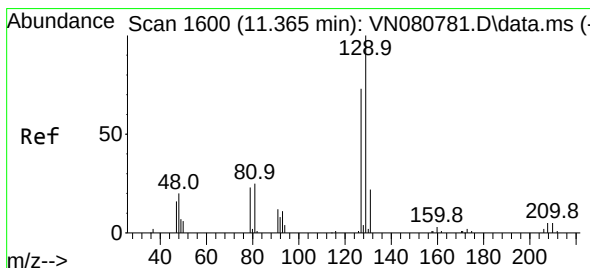
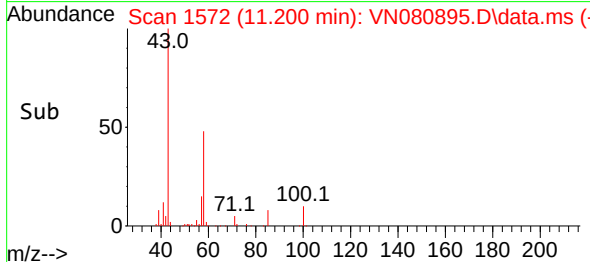
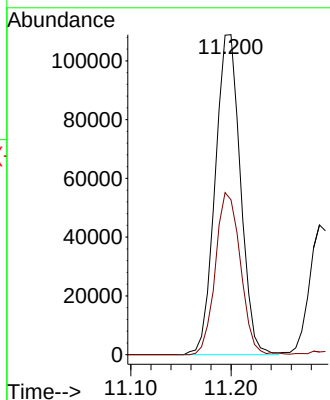
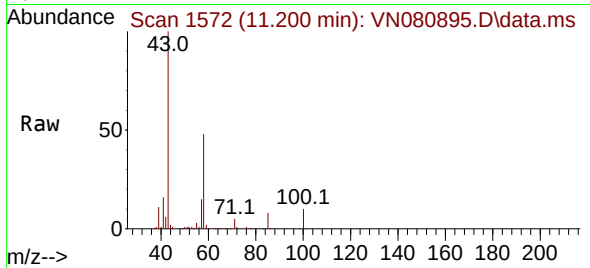
#59
2-Hexanone
Concen: 94.638 ug/l
RT: 11.200 min Scan# 11200
Delta R.T. 0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tgt Ion: 43 Resp: 19026
Ion Ratio Lower Upper
43 100
58 50.2 25.9 77.8

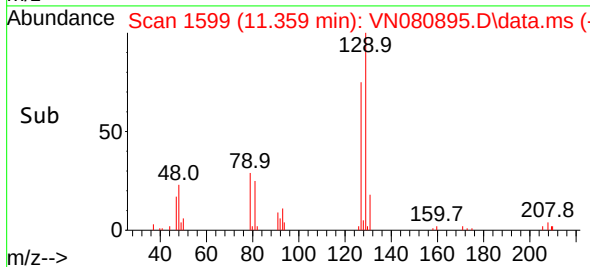
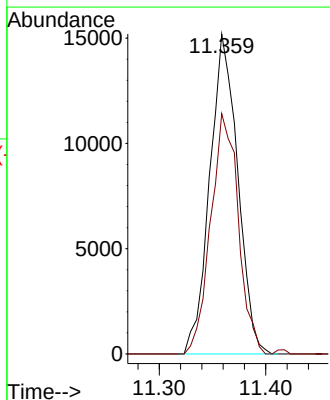
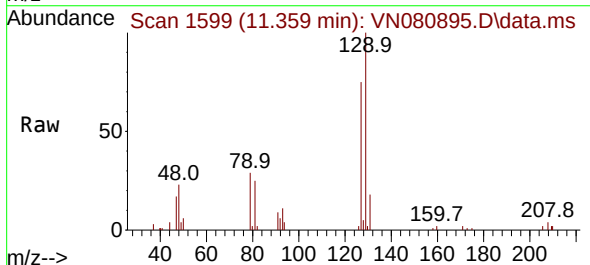
Manual Integrations
APPROVED

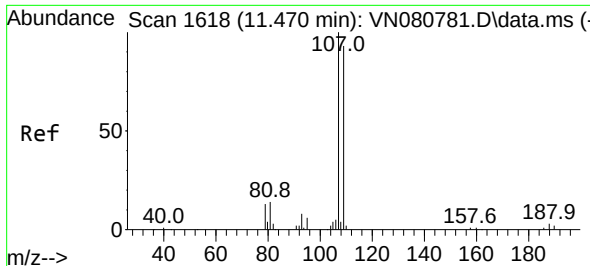
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#60
Dibromochloromethane
Concen: 18.579 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

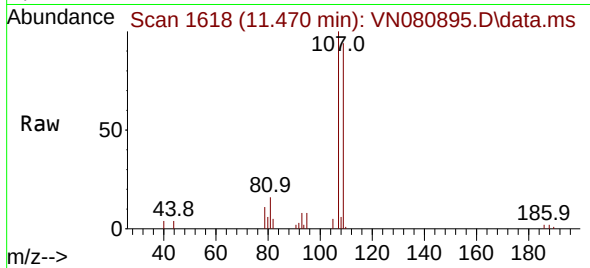
Tgt Ion:129 Resp: 27647
Ion Ratio Lower Upper
129 100
127 74.2 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.327 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

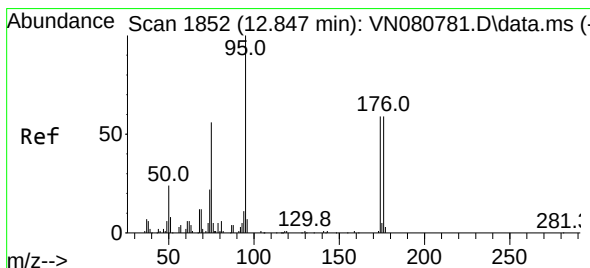
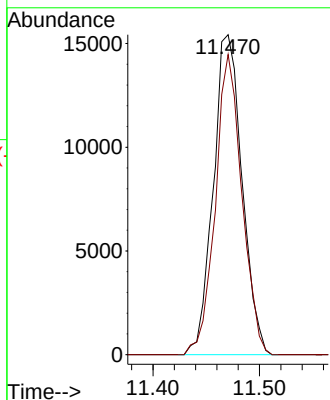
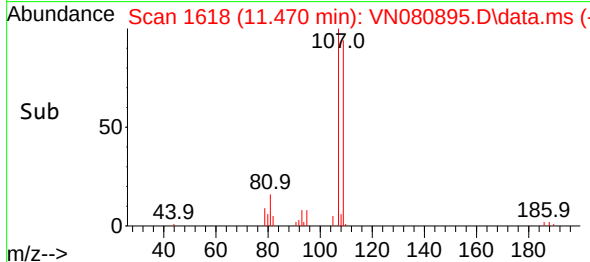
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



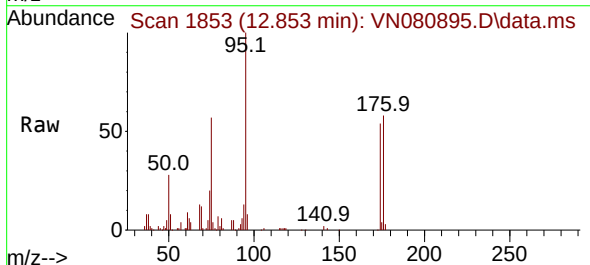
Tgt Ion:107 Resp: 2897
Ion Ratio Lower Upper
107 100
109 86.4 73.4 110.2

Manual Integrations
APPROVED

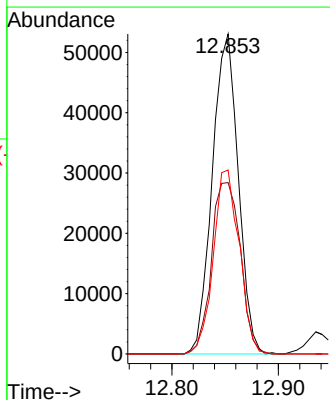
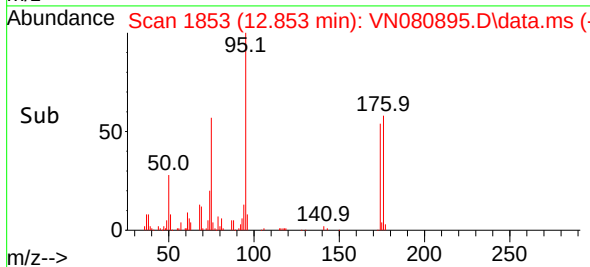
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

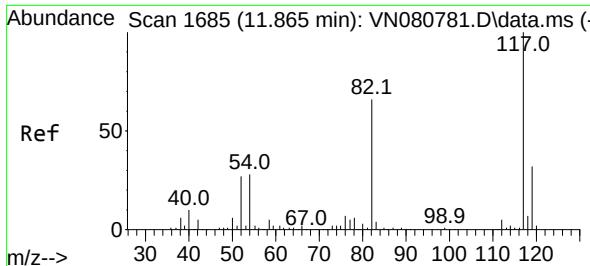


#62
4-Bromofluorobenzene
Concen: 49.490 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28



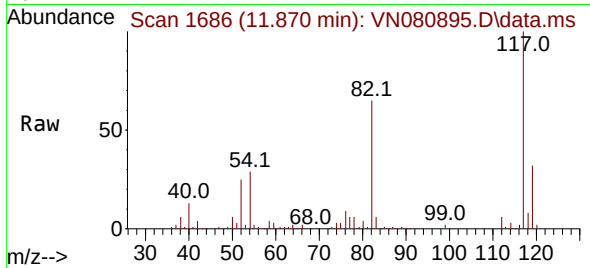
Tgt Ion: 95 Resp: 89710
Ion Ratio Lower Upper
95 100
174 59.6 0.0 120.4
176 57.6 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

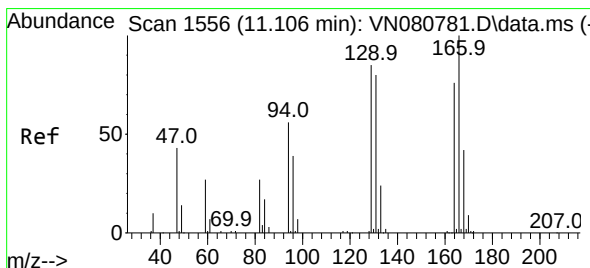
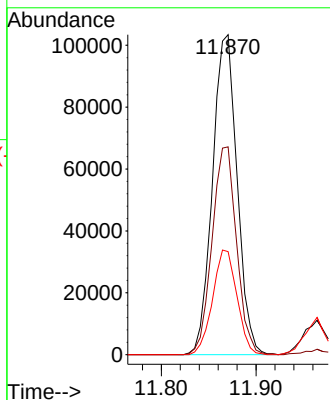
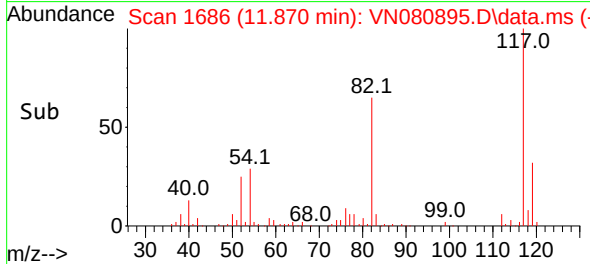
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



Tgt Ion:117 Resp: 186860
Ion Ratio Lower Upper
117 100
82 65.0 52.7 79.1
119 32.2 25.3 37.9

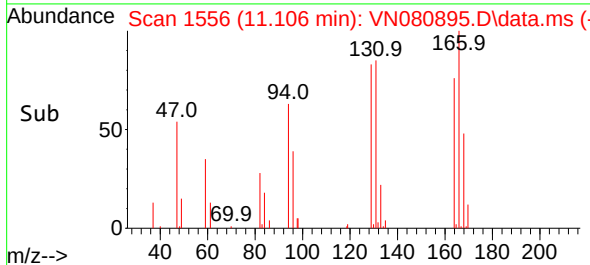
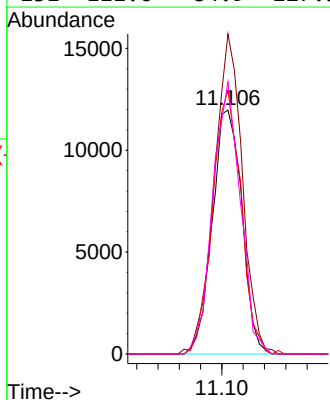
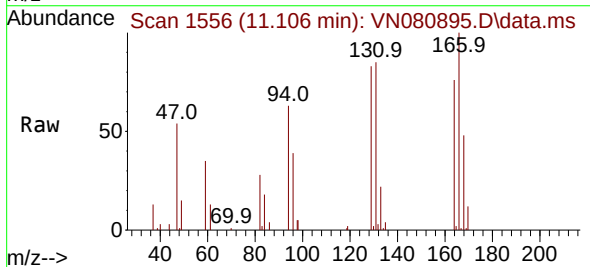
Manual Integrations
APPROVED

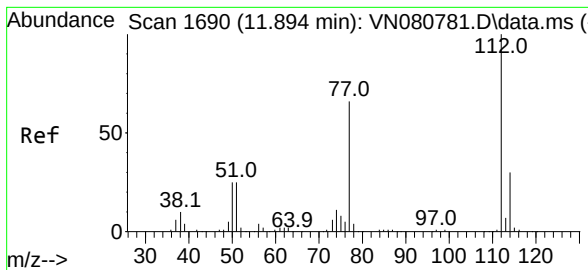
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#64
Tetrachloroethene
Concen: 18.791 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

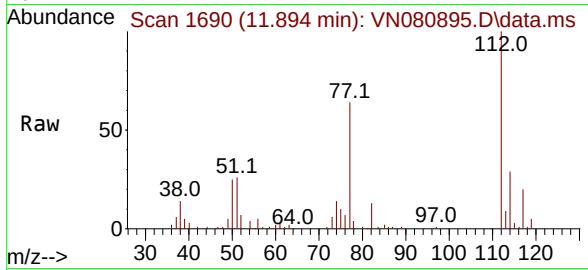
Tgt Ion:164 Resp: 23079
Ion Ratio Lower Upper
164 100
166 131.2 105.8 158.6
129 108.3 89.6 134.4
131 111.6 84.9 127.3





#65
Chlorobenzene
Concen: 18.575 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

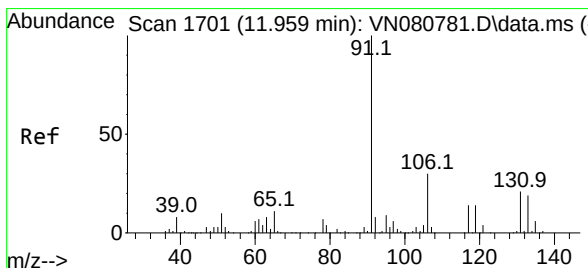
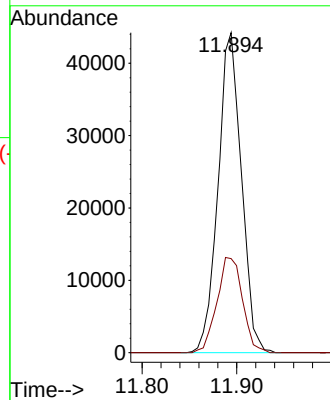
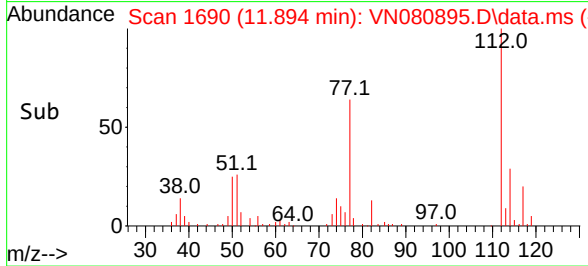
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



Tgt Ion:112 Resp: 75752
Ion Ratio Lower Upper
112 100
114 29.4 23.7 35.5

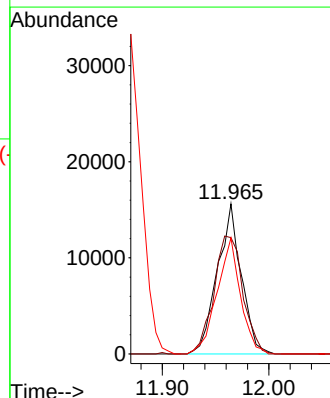
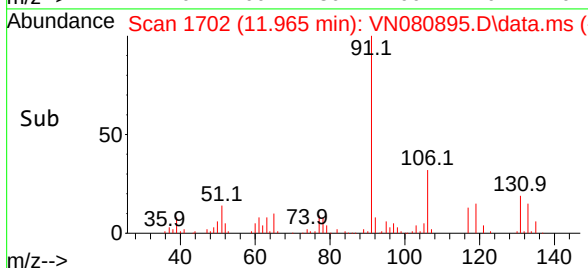
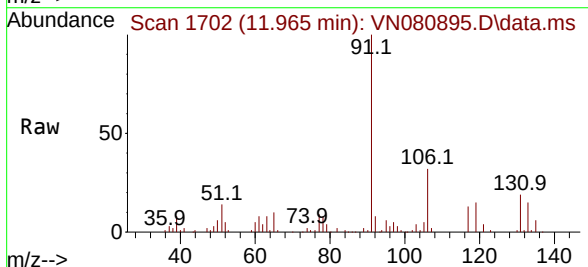
Manual Integrations
APPROVED

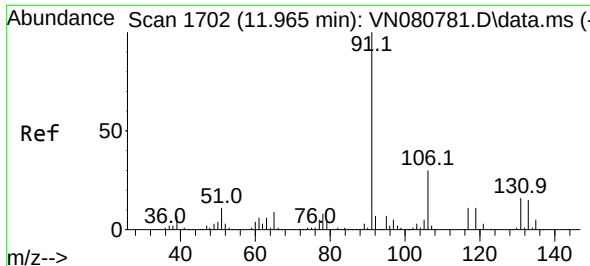
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.384 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Tgt Ion:131 Resp: 24381
Ion Ratio Lower Upper
131 100
133 95.2 46.8 140.3
119 75.7 34.6 103.9





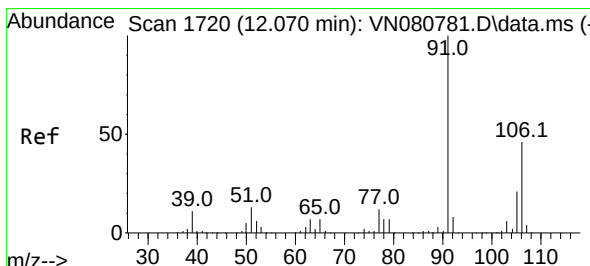
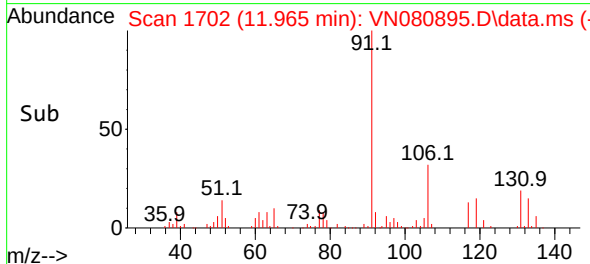
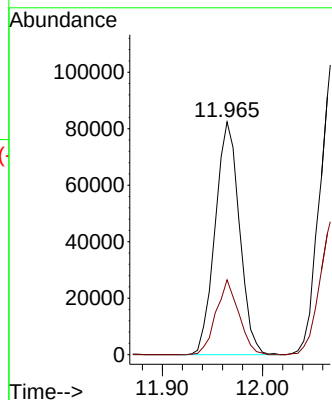
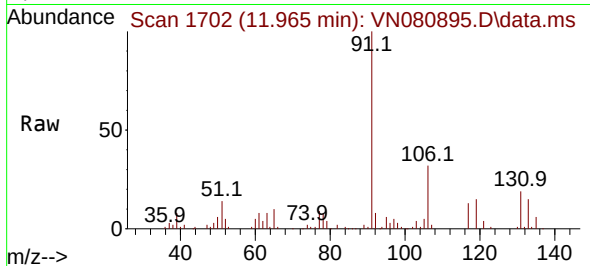
#67
Ethyl Benzene
Concen: 18.301 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tgt Ion: 91 Resp: 138718
Ion Ratio Lower Upper
91 100
106 32.2 23.8 35.6

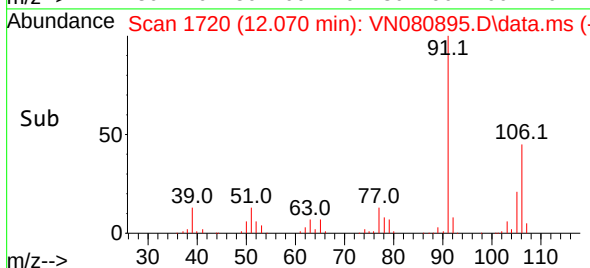
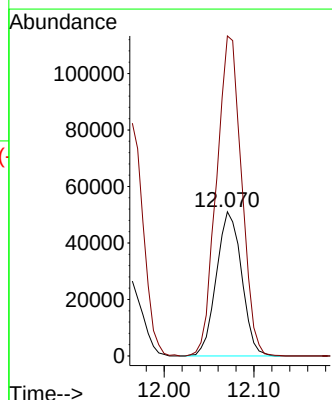
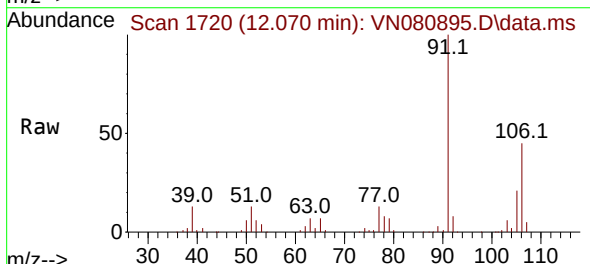
Manual Integrations
APPROVED

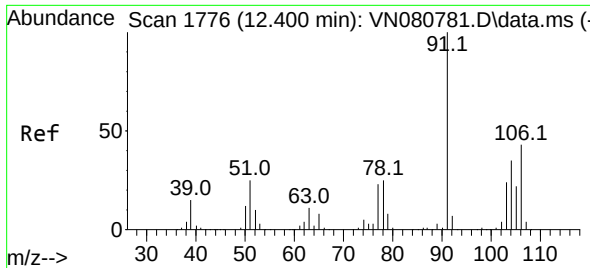
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#68
m/p-Xylenes
Concen: 37.042 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Tgt Ion:106 Resp: 99711
Ion Ratio Lower Upper
106 100
91 220.5 169.0 253.6





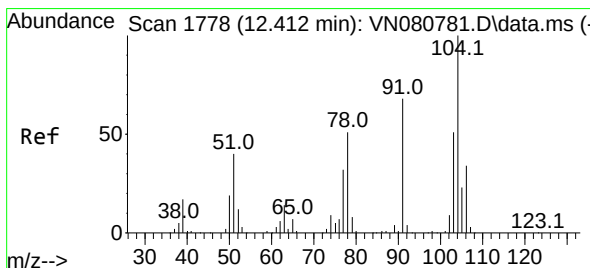
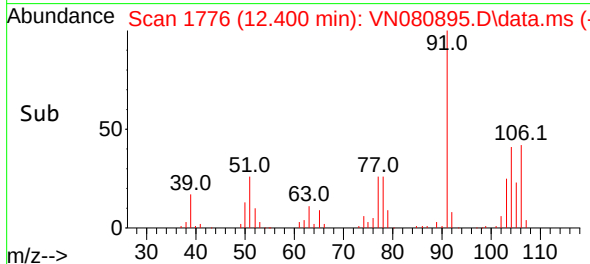
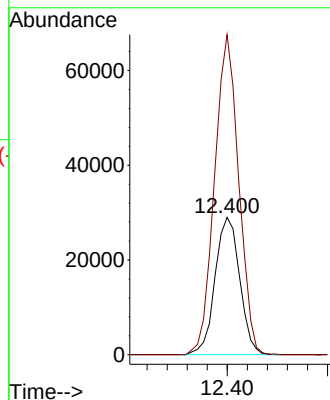
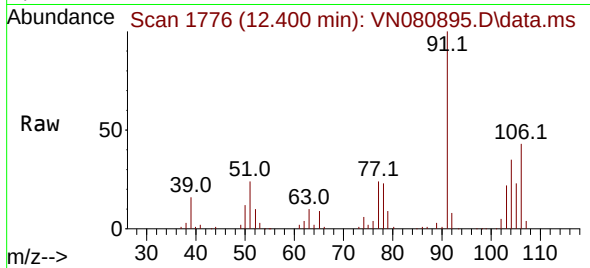
#69
o-Xylene
Concen: 18.460 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tgt Ion:106 Resp: 49370
Ion Ratio Lower Upper
106 100
91 228.7 112.1 336.3

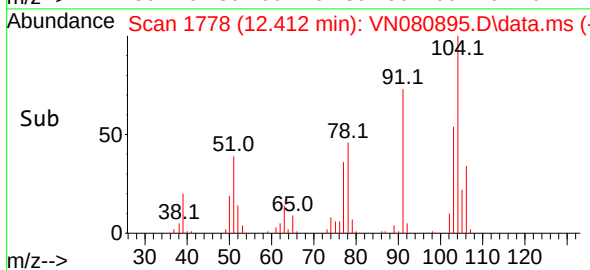
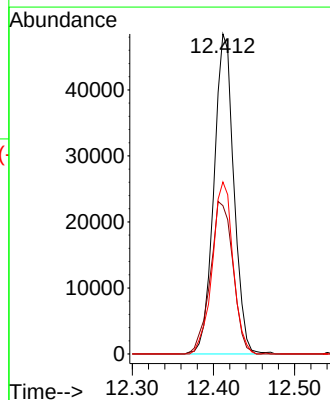
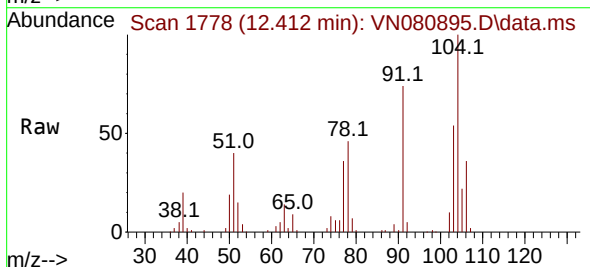
Manual Integrations
APPROVED

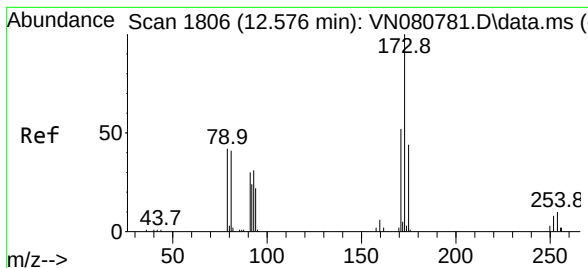
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#70
Styrene
Concen: 19.248 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Tgt Ion:104 Resp: 82684
Ion Ratio Lower Upper
104 100
78 54.2 43.8 65.8
103 55.8 44.2 66.2





#71

Bromoform

Concen: 17.858 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

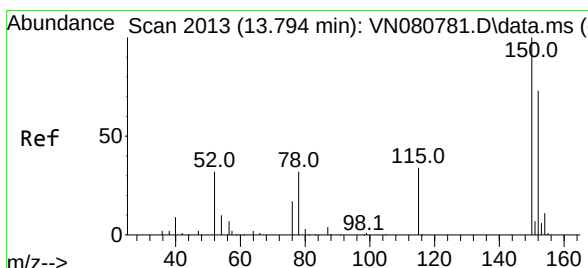
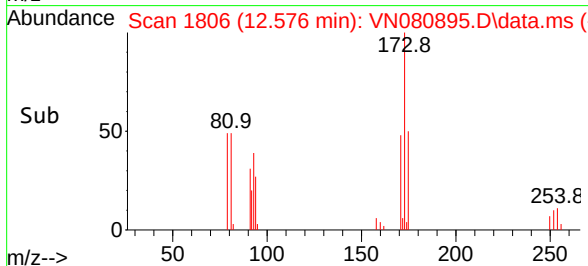
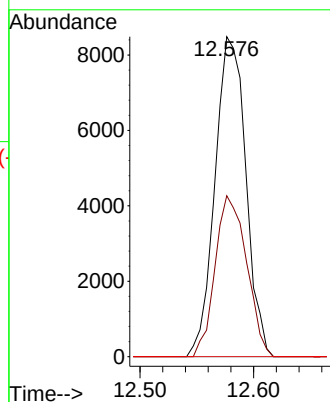
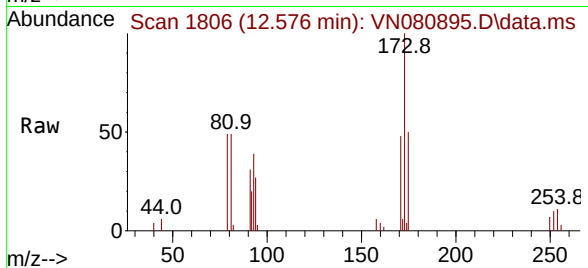
Tgt Ion:	173	Resp:	1601
Ion Ratio	Lower	Upper	
173	100		
175	51.3	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

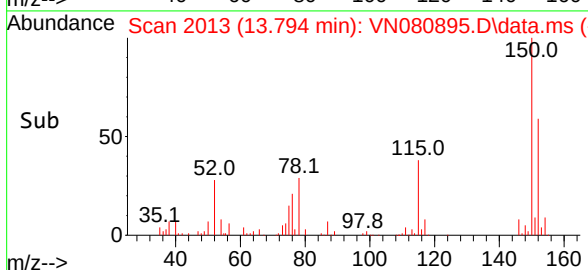
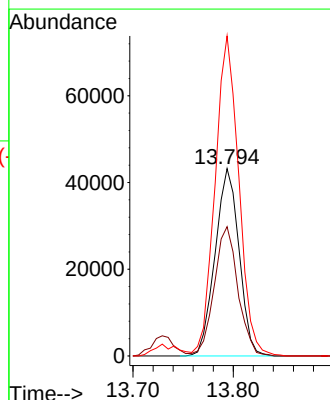
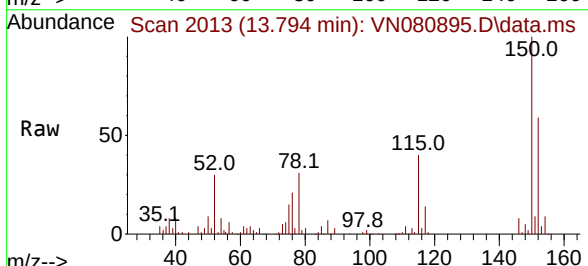
RT: 13.794 min Scan# 2013

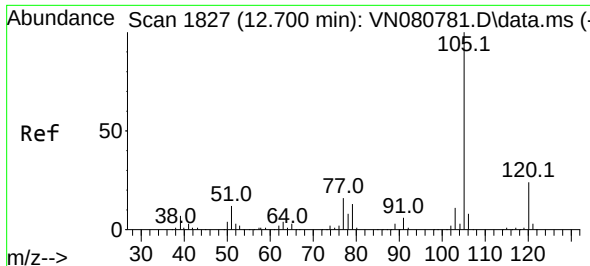
Delta R.T. -0.000 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

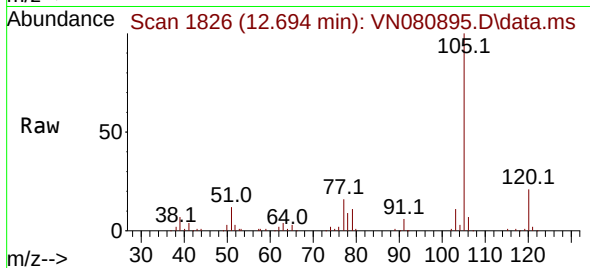
Tgt Ion:	152	Resp:	71584
Ion Ratio	Lower	Upper	
152	100		
115	68.7	32.3	96.8
150	169.3	0.0	339.8





#73
Isopropylbenzene
Concen: 18.529 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

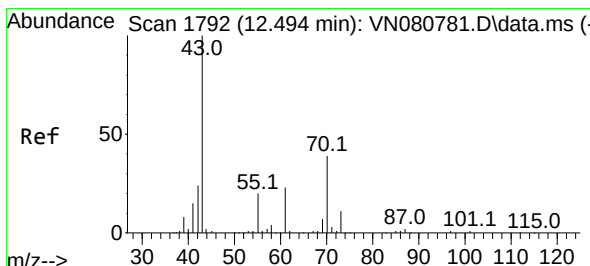
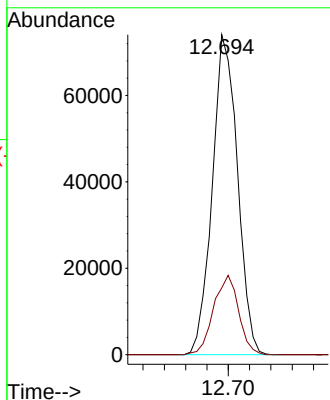
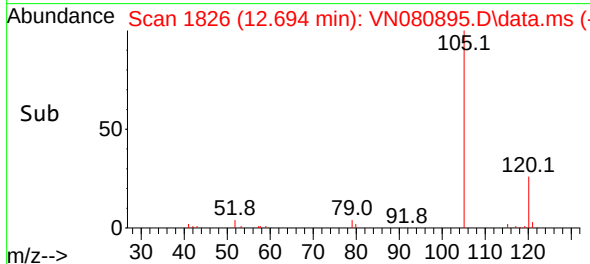
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



Tgt Ion:105 Resp: 12146
Ion Ratio Lower Upper
105 100
120 24.6 12.6 37.6

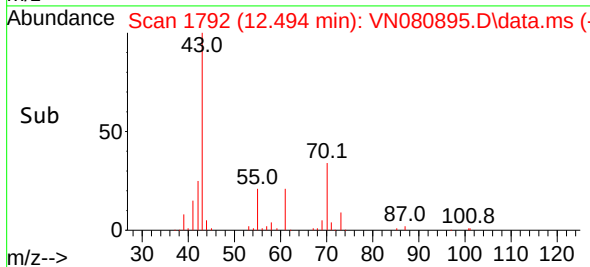
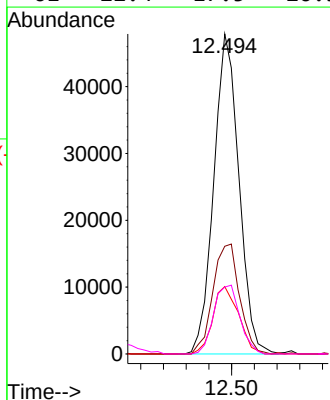
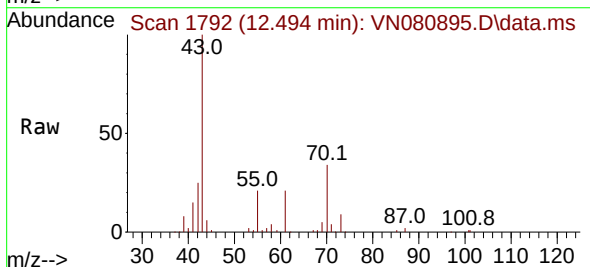
Manual Integrations
APPROVED

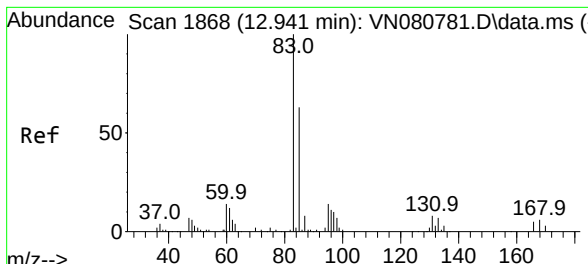
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#74
N-ethyl acetate
Concen: 18.093 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

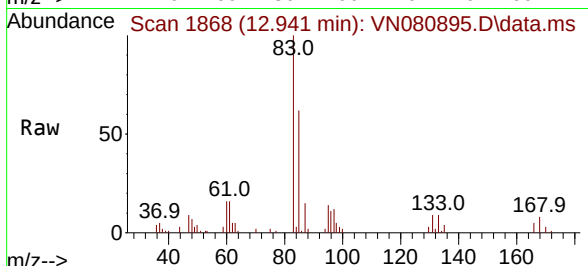
Tgt Ion: 43 Resp: 73639
Ion Ratio Lower Upper
43 100
70 36.5 30.1 45.1
55 21.6 17.0 25.4
61 22.4 17.5 26.3





#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.730 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN080895.D
 Acq: 05 Feb 2024 14:28

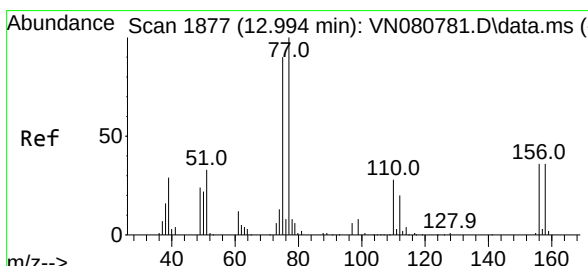
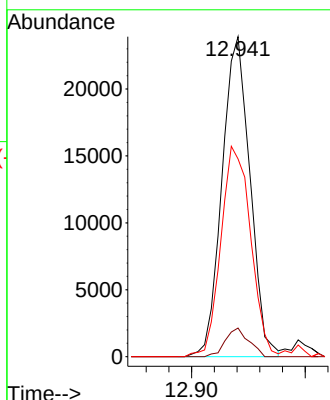
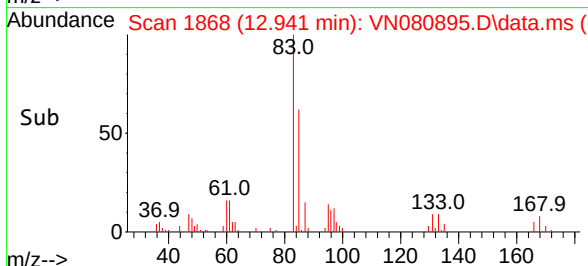
Instrument : MSVOA_N
 ClientSampleId : VN0205WBS01



Tgt Ion:	83	Resp:	40884
Ion Ratio	Lower	Upper	
83	100		
131	7.5	4.1	12.3
85	69.9	32.1	96.3

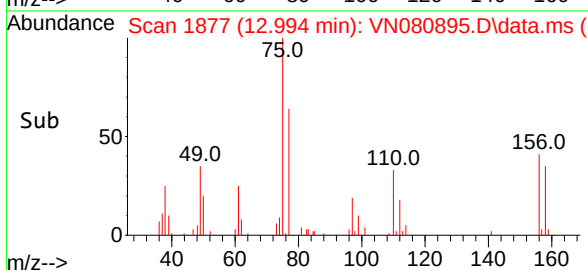
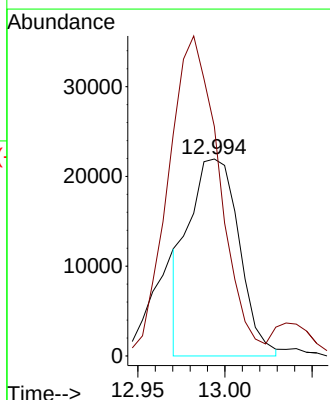
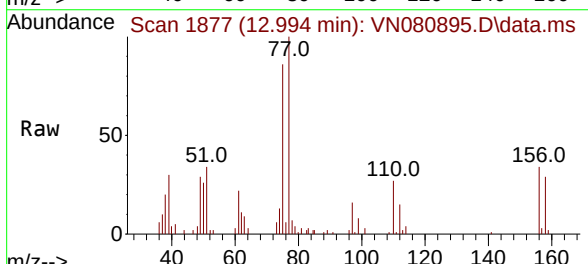
Manual Integrations
 APPROVED

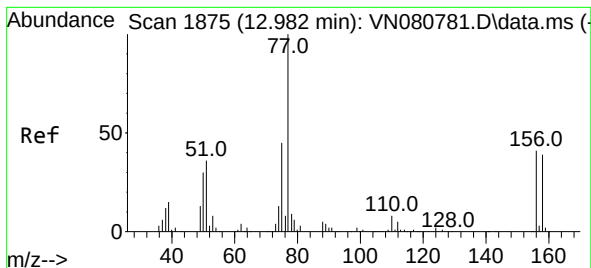
Reviewed By :John Carlone 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024



#76
 1,2,3-Trichloropropane
 Concen: 20.296 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN080895.D
 Acq: 05 Feb 2024 14:28

Tgt Ion:	75	Resp:	43819
Ion Ratio	Lower	Upper	
75	100		
77	166.6	91.0	272.8





#77

Bromobenzene

Concen: 17.896 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

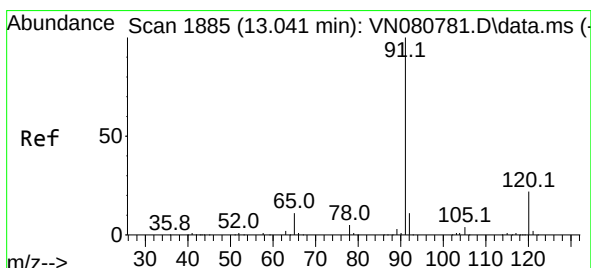
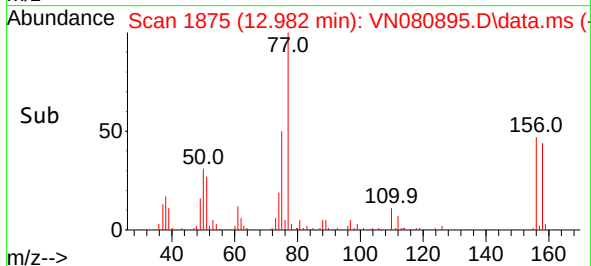
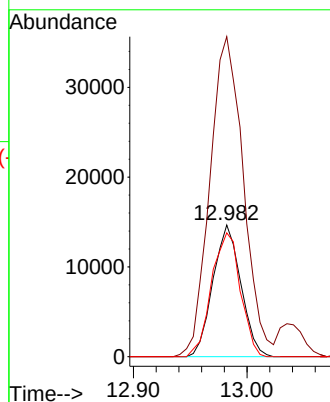
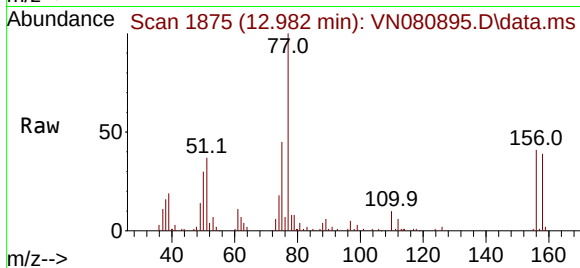
Tgt Ion:	156	Resp:	25078
Ion Ratio	Lower	Upper	
156	100		
77	291.1	138.1	414.3
158	96.9	46.5	139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#78

n-propylbenzene

Concen: 18.818 ug/l

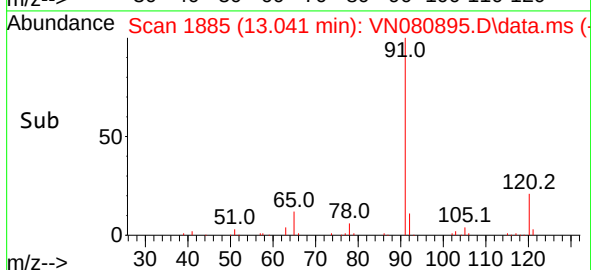
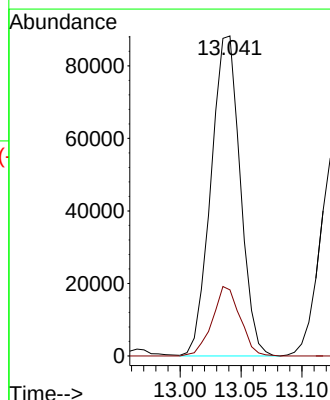
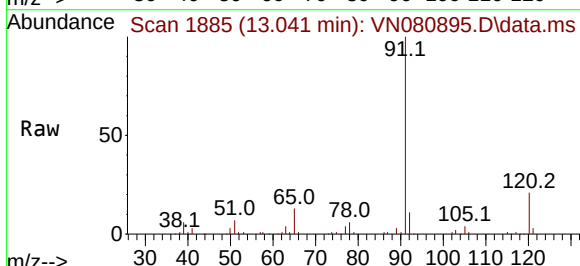
RT: 13.041 min Scan# 1885

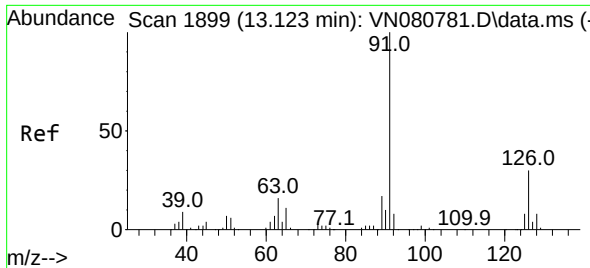
Delta R.T. -0.000 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Tgt Ion:	91	Resp:	147370
Ion Ratio	Lower	Upper	
91	100		
120	20.6	10.3	30.9





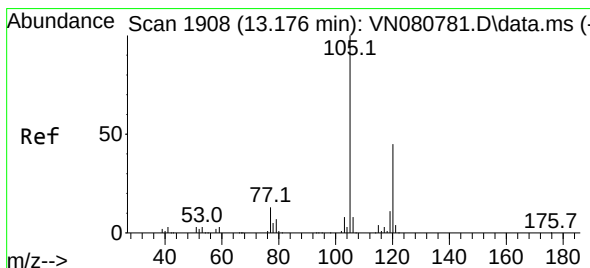
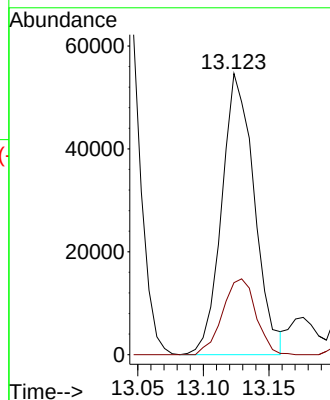
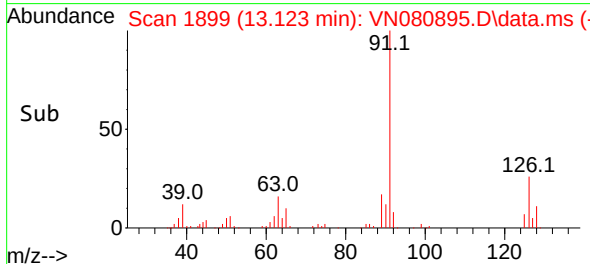
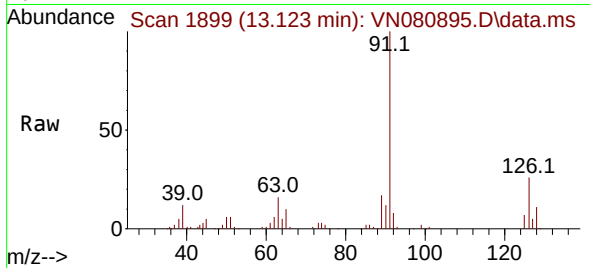
#79
2-Chlorotoluene
Concen: 18.967 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tgt Ion: 91 Resp: 9440
Ion Ratio Lower Upper
91 100
126 27.5 14.8 44.4

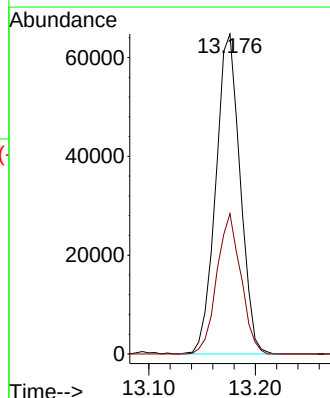
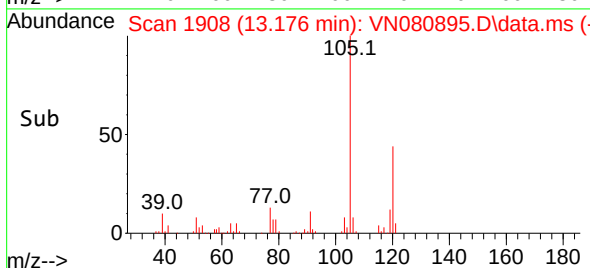
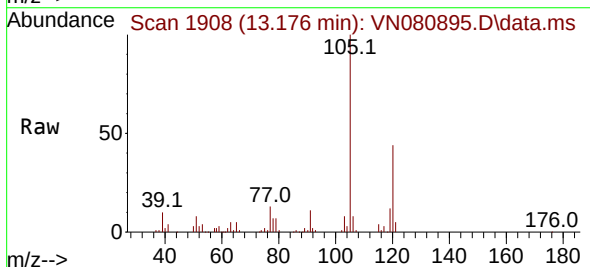
Manual Integrations
APPROVED

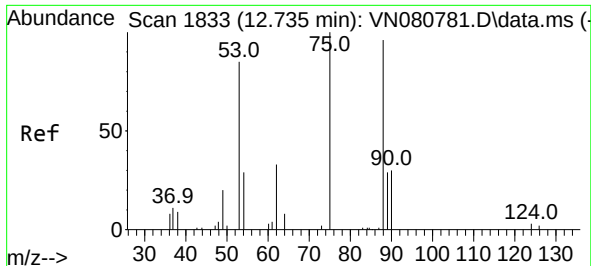
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.676 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

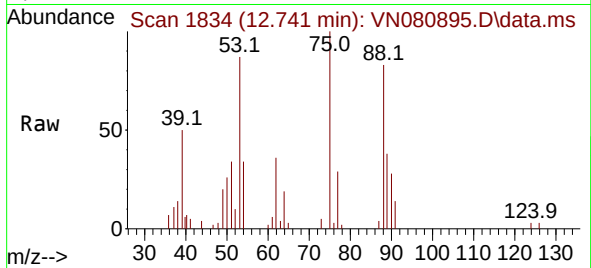
Tgt Ion:105 Resp: 102723
Ion Ratio Lower Upper
105 100
120 43.3 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.030 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

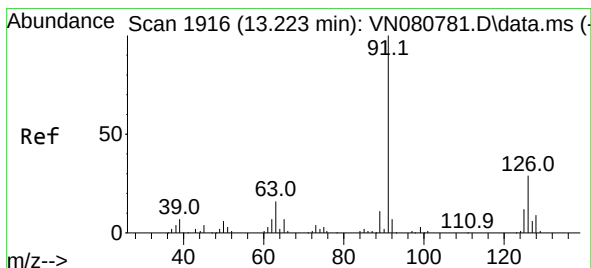
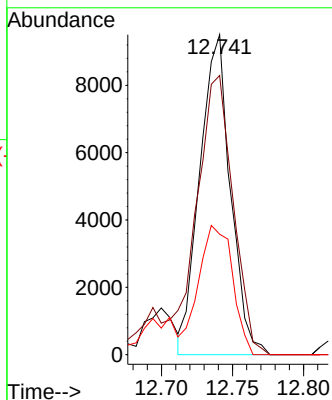
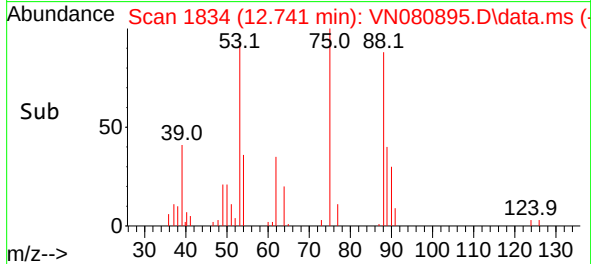
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



Tgt Ion: 75 Resp: 1427
Ion Ratio Lower Upper
75 100
53 105.3 71.4 107.2
89 44.9 33.4 50.0

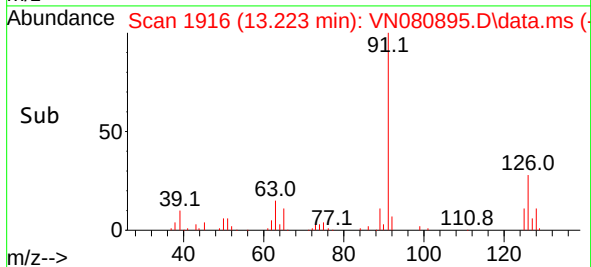
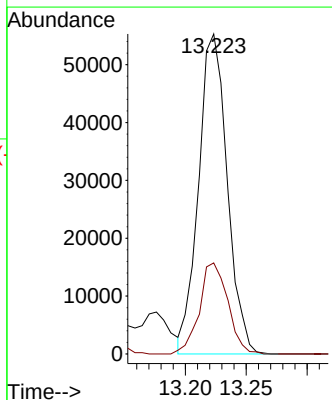
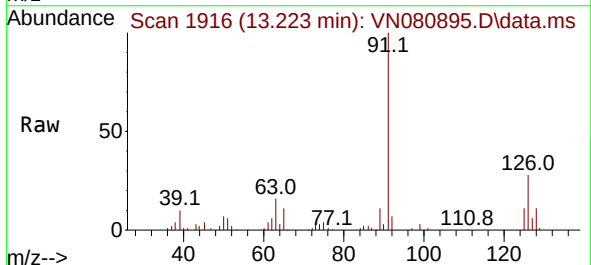
Manual Integrations
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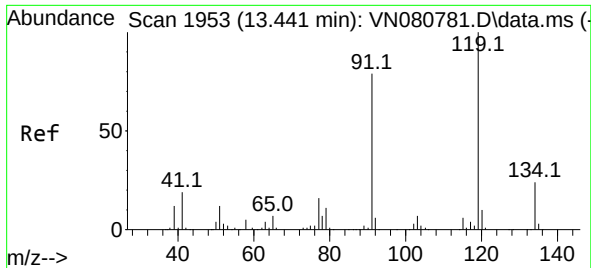
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#82
4-Chlorotoluene
Concen: 18.383 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

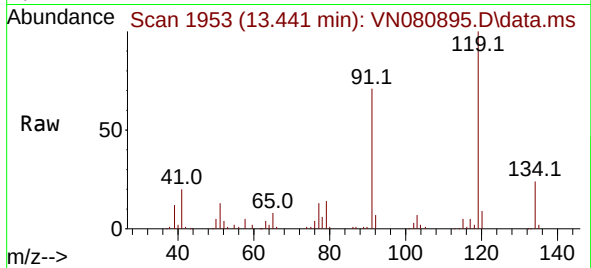
Tgt Ion: 91 Resp: 90601
Ion Ratio Lower Upper
91 100
126 28.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 18.529 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

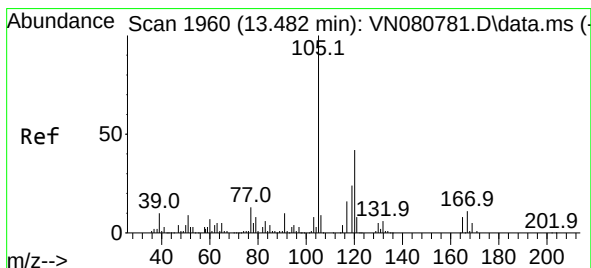
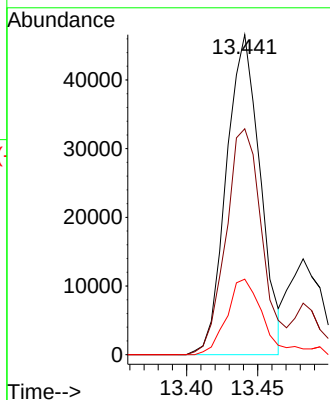
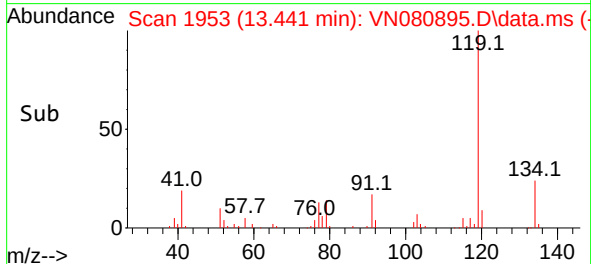
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



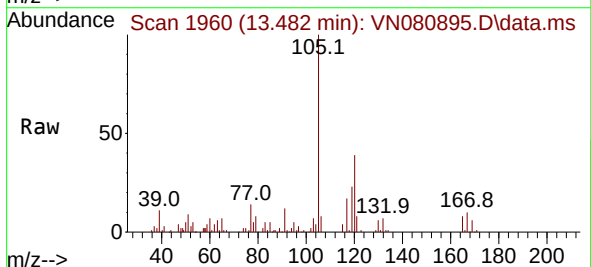
Tgt Ion:119 Resp: 7725
Ion Ratio Lower Upper
119 100
91 75.6 36.8 110.4
134 26.1 12.4 37.4

Manual Integrations
APPROVED

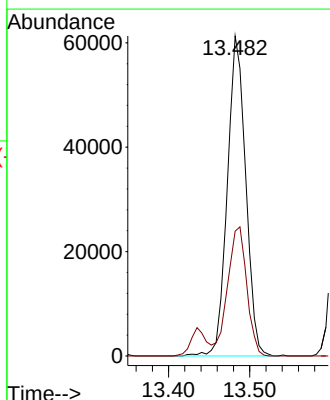
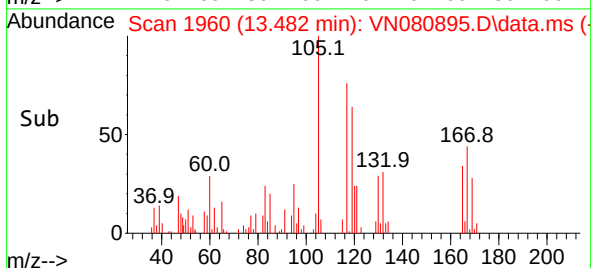
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

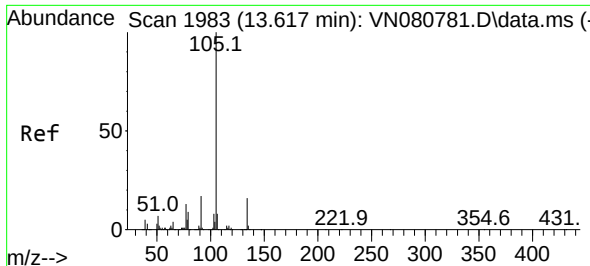


#84
1,2,4-Trimethylbenzene
Concen: 18.207 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28



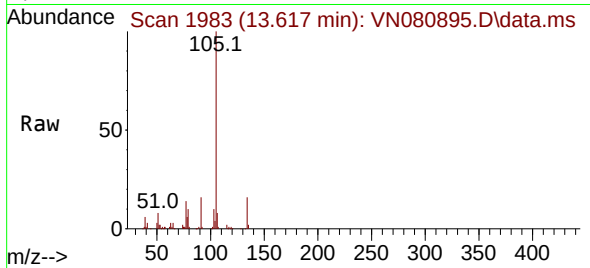
Tgt Ion:105 Resp: 96306
Ion Ratio Lower Upper
105 100
120 42.1 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 18.860 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080895.D
 Acq: 05 Feb 2024 14:28

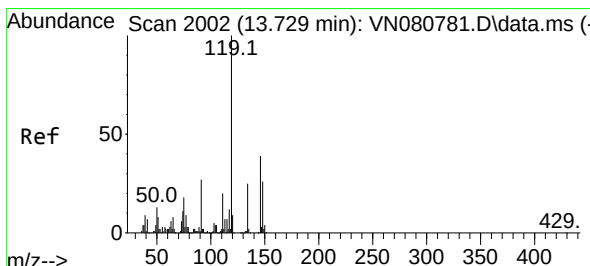
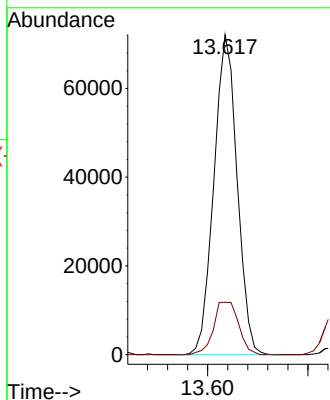
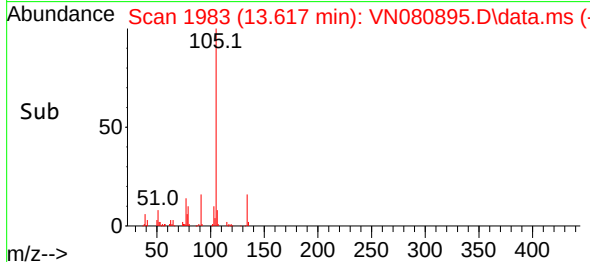
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01



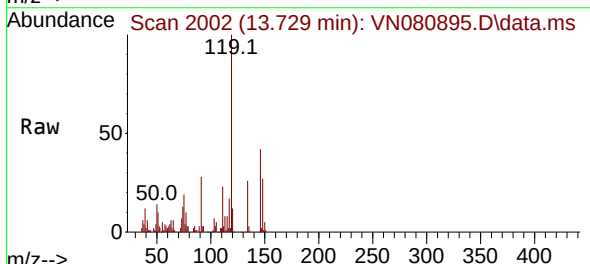
Tgt Ion:105 Resp: 11592
 Ion Ratio Lower Upper
 105 100
 134 17.8 8.6 25.8

Manual Integrations
 APPROVED

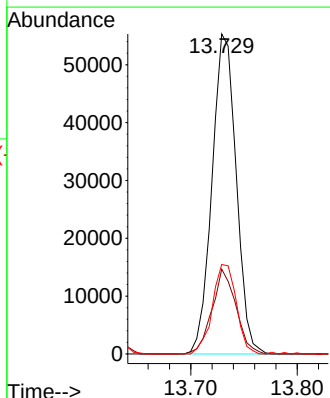
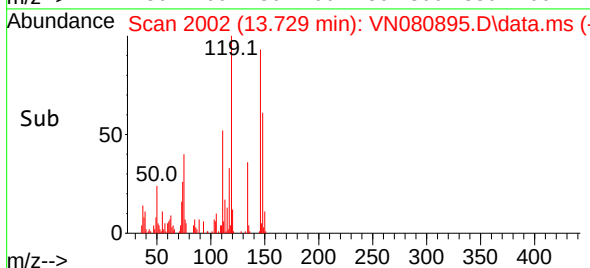
Reviewed By :John Carlone 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024

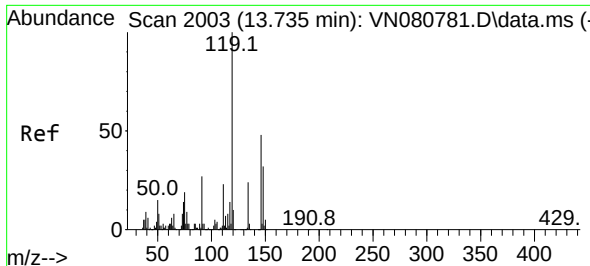


#86
 p-Isopropyltoluene
 Concen: 18.260 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080895.D
 Acq: 05 Feb 2024 14:28



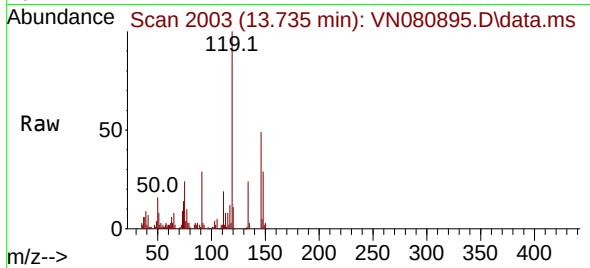
Tgt Ion:119 Resp: 87220
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.4 37.2
 91 27.6 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 18.373 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

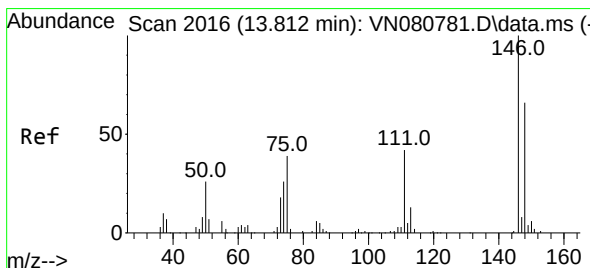
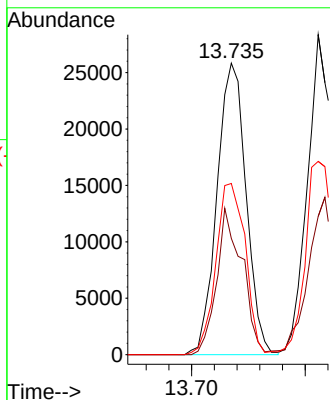
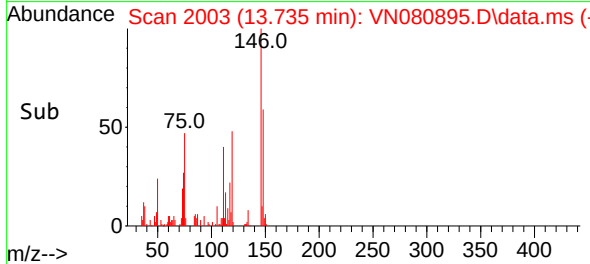
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



Tgt Ion:146 Resp: 46050
Ion Ratio Lower Upper
146 100
111 44.4 23.9 71.7
148 59.5 32.6 97.7

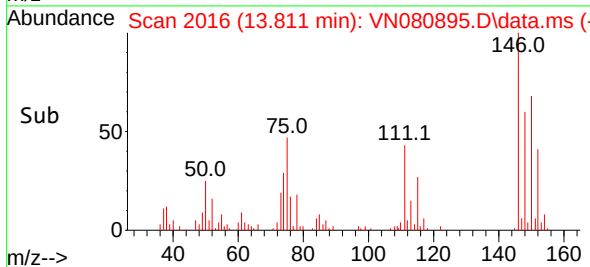
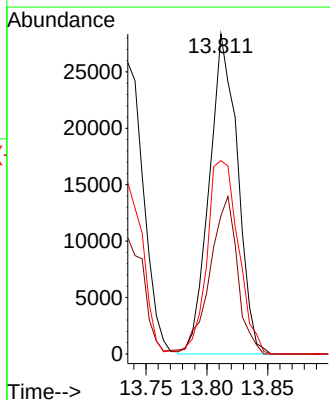
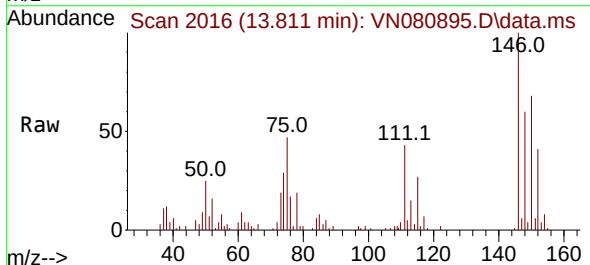
Manual Integrations
APPROVED

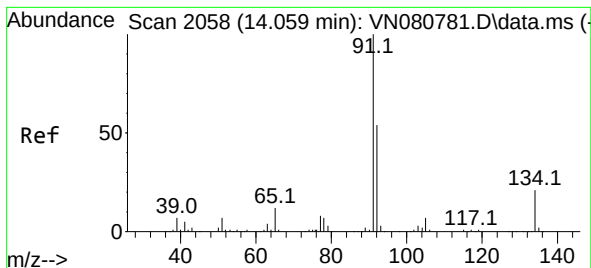
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#88
1,4-Dichlorobenzene
Concen: 18.310 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Tgt Ion:146 Resp: 46012
Ion Ratio Lower Upper
146 100
111 47.9 22.6 67.7
148 66.8 31.9 95.5





#89

n-Butylbenzene

Concen: 18.172 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBS01

Tgt Ion: 91 Resp: 8494

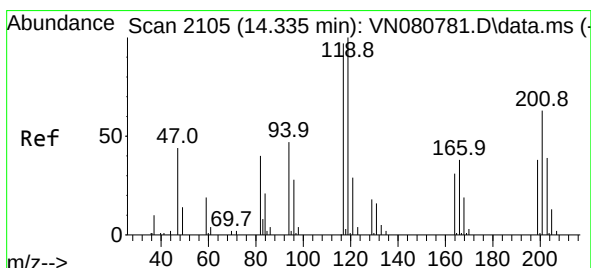
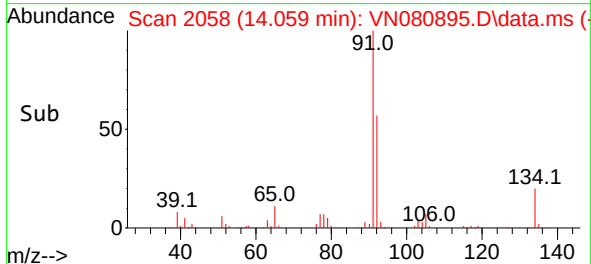
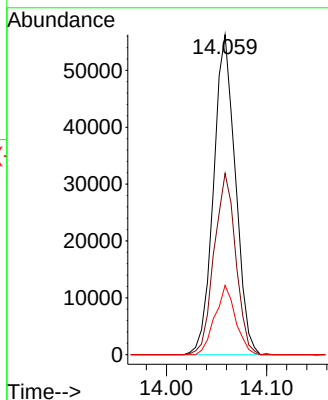
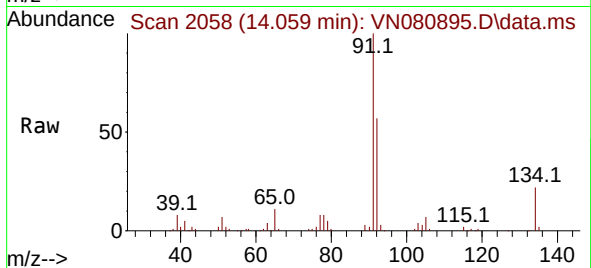
Ion	Ratio	Lower	Upper
91	100		
92	56.1	26.7	80.1
134	20.4	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#90

Hexachloroethane

Concen: 19.357 ug/l

RT: 14.335 min Scan# 2105

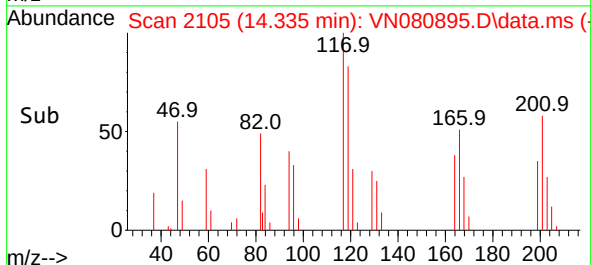
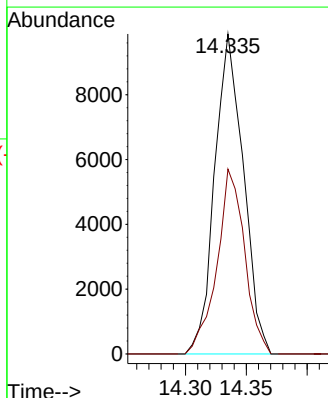
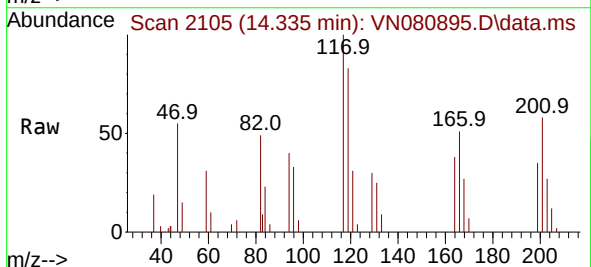
Delta R.T. -0.000 min

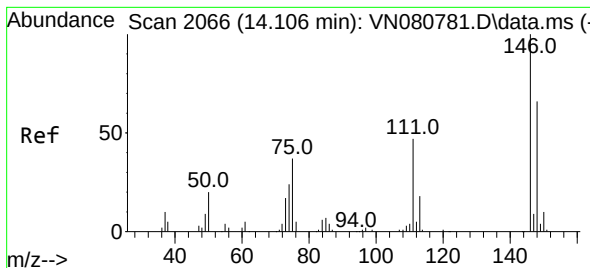
Lab File: VN080895.D

Acq: 05 Feb 2024 14:28

Tgt Ion:117 Resp: 16178

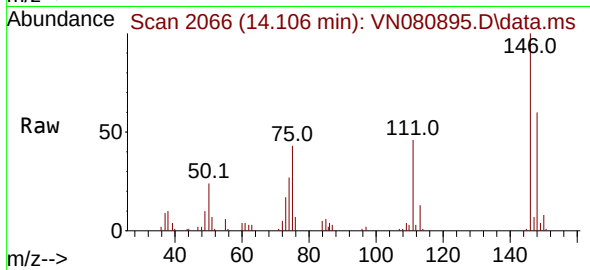
Ion	Ratio	Lower	Upper
117	100		
201	55.8	30.0	90.0





#91
1,2-Dichlorobenzene
Concen: 19.940 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

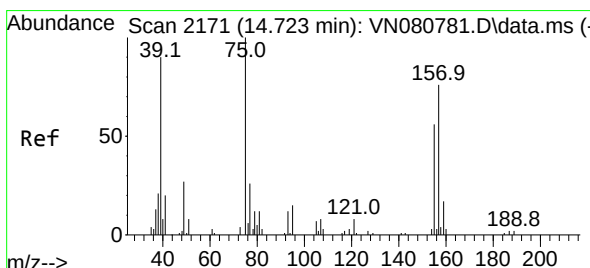
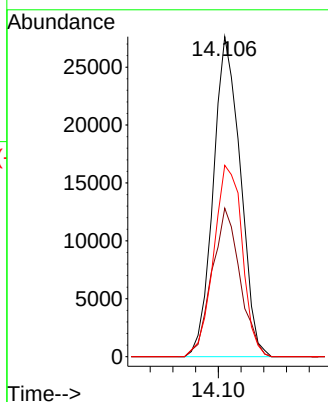
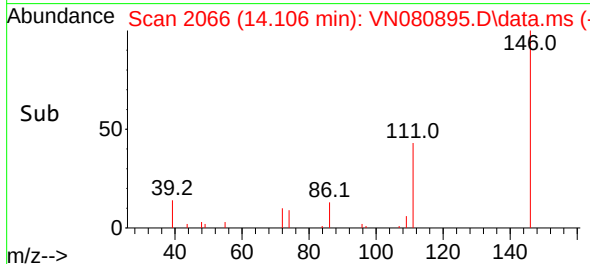
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



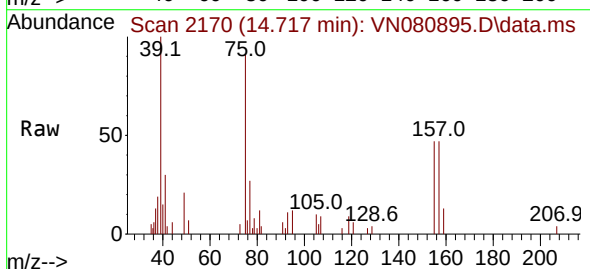
Tgt Ion:146 Resp: 45744
Ion Ratio Lower Upper
146 100
111 48.2 23.9 71.8
148 63.1 31.4 94.0

Manual Integrations
APPROVED

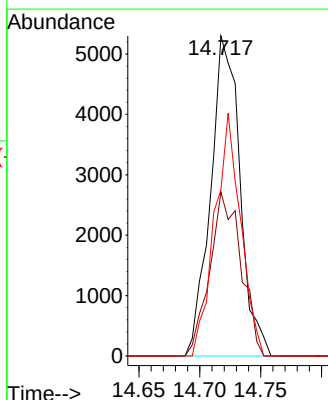
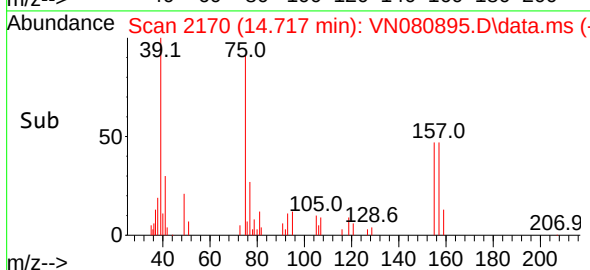
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

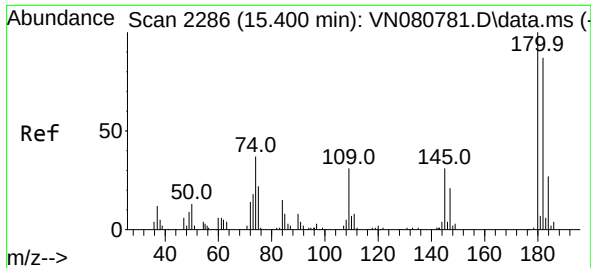


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.651 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28



Tgt Ion: 75 Resp: 8901
Ion Ratio Lower Upper
75 100
155 54.4 31.8 95.4
157 67.2 41.1 123.4





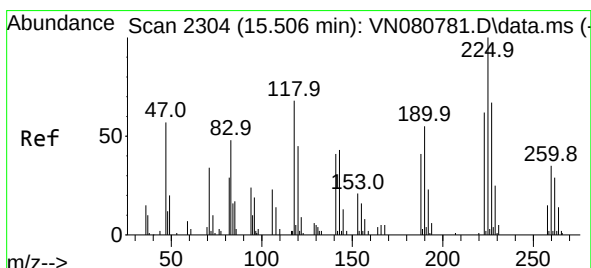
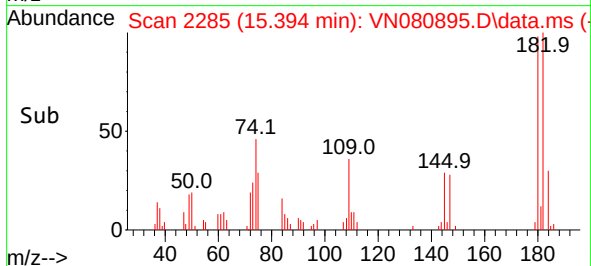
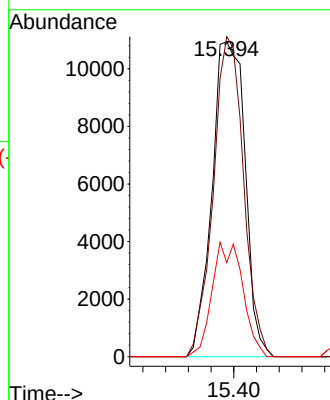
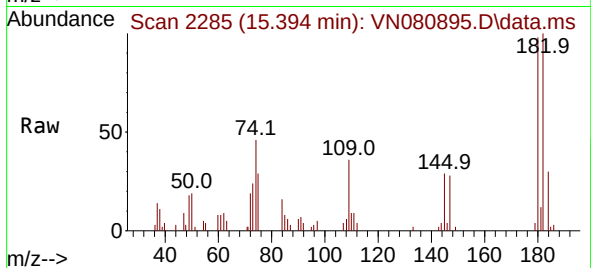
#93
1,2,4-Trichlorobenzene
Concen: 18.702 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01

Tgt Ion:180 Resp: 2208
Ion Ratio Lower Upper
180 100
182 93.1 46.6 139.7
145 33.7 16.8 50.3

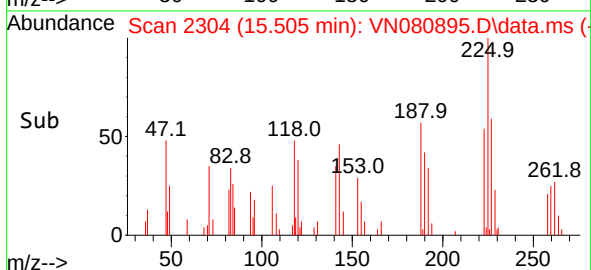
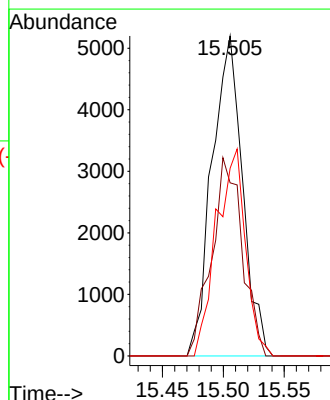
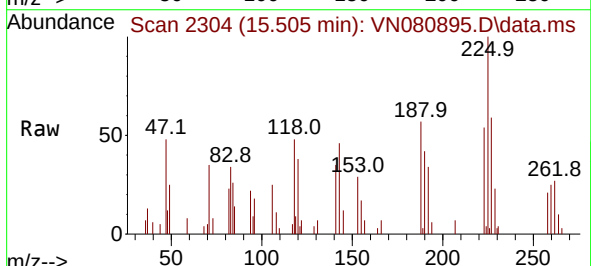
Manual Integrations
APPROVED

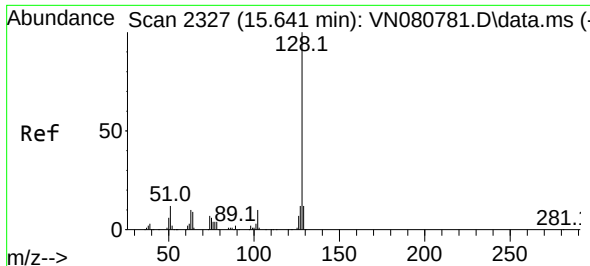
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#94
Hexachlorobutadiene
Concen: 17.529 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

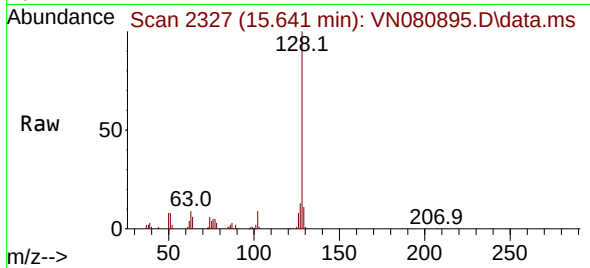
Tgt Ion:225 Resp: 9042
Ion Ratio Lower Upper
225 100
223 62.3 33.3 99.8
227 61.6 33.1 99.2





#95
Naphthalene
Concen: 17.949 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

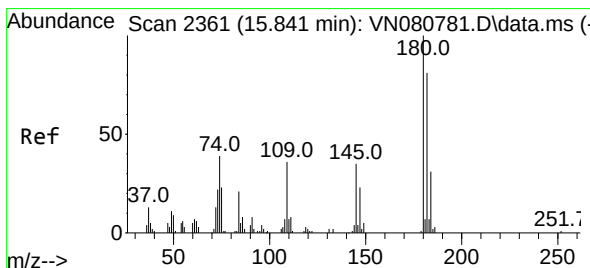
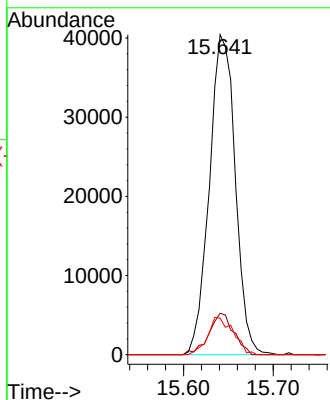
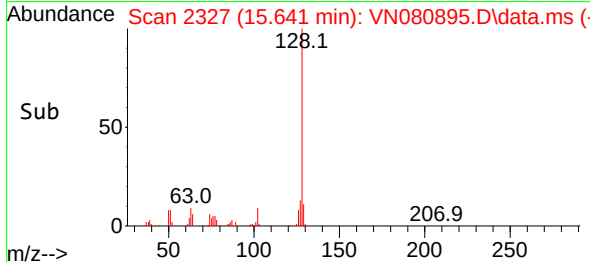
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBS01



Tgt Ion:128 Resp: 81098
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 11.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.789 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080895.D
Acq: 05 Feb 2024 14:28

Tgt Ion:180 Resp: 21806
Ion Ratio Lower Upper
180 100
182 89.3 46.5 139.3
145 32.2 17.8 53.4

