

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077633.D
 Acq On : 09 May 2023 15:42
 Operator : JC\MD
 Sample : VN0509WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD01

Quant Time: May 10 04:45:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:52:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	552017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	992086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	915595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	375267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	362058	51.716	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.440%	
35) Dibromofluoromethane	8.172	113	317981	51.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.780%	
50) Toluene-d8	10.572	98	1240841	52.969	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.940%	
62) 4-Bromofluorobenzene	12.848	95	431664	54.481	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	121749	19.731	ug/l	96
3) Chloromethane	2.372	50	92558	16.641	ug/l	98
4) Vinyl Chloride	2.525	62	132410	17.988	ug/l	97
5) Bromomethane	2.972	94	108817	18.619	ug/l	96
6) Chloroethane	3.131	64	88046	17.250	ug/l	99
7) Trichlorofluoromethane	3.501	101	184843	16.020	ug/l	97
8) Diethyl Ether	3.966	74	66528	19.612	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.372	101	107558	18.656	ug/l	97
10) Methyl Iodide	4.595	142	155029	18.298	ug/l	95
11) Tert butyl alcohol	5.525	59	76655	93.078	ug/l	98
12) 1,1-Dichloroethene	4.354	96	99537	18.169	ug/l	99
13) Acrolein	4.190	56	82635	103.529	ug/l	97
14) Allyl chloride	5.037	41	96590	17.752	ug/l #	83
15) Acrylonitrile	5.731	53	194437	95.451	ug/l	97
16) Acetone	4.437	43	151661	91.225	ug/l	95
17) Carbon Disulfide	4.719	76	238331	18.091	ug/l	98
18) Methyl Acetate	5.031	43	125182	18.995	ug/l	97
19) Methyl tert-butyl Ether	5.801	73	343235	19.040	ug/l	98
20) Methylene Chloride	5.290	84	122709	17.811	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	113287	18.282	ug/l	97
22) Diisopropyl ether	6.678	45	250941	18.682	ug/l	93
23) Vinyl Acetate	6.607	43	663386	89.113	ug/l	98
24) 1,1-Dichloroethane	6.572	63	184109	18.080	ug/l	97
25) 2-Butanone	7.489	43	217627	89.561	ug/l	95
26) 2,2-Dichloropropane	7.495	77	165299	17.912	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	135975	18.039	ug/l	97
28) Bromochloromethane	7.819	49	79658	21.439	ug/l	88
29) Tetrahydrofuran	7.842	42	140966	94.441	ug/l	93
30) Chloroform	7.972	83	222542	18.441	ug/l	95
31) Cyclohexane	8.266	56	155944	17.430	ug/l	89
32) 1,1,1-Trichloroethane	8.172	97	195548	17.599	ug/l	98
36) 1,1-Dichloropropene	8.378	75	157572	18.454	ug/l	99
37) Ethyl Acetate	7.566	43	98701	20.215	ug/l	98
38) Carbon Tetrachloride	8.366	117	167045	17.907	ug/l	97
39) Methylcyclohexane	9.601	83	196973	18.583	ug/l	98
40) Benzene	8.613	78	471773	18.263	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	50283	18.849	ug/l	91
42) 1,2-Dichloroethane	8.678	62	162223	18.728	ug/l	98
43) Isopropyl Acetate	8.695	43	166414	19.440	ug/l	96
44) Trichloroethene	9.354	130	123571	18.211	ug/l	97
45) 1,2-Dichloropropane	9.619	63	107459	18.092	ug/l	93
46) Dibromomethane	9.713	93	88665	19.190	ug/l	95
47) Bromodichloromethane	9.889	83	170355	18.878	ug/l	97
48) Methyl methacrylate	9.683	41	75863	18.882	ug/l	95
49) 1,4-Dioxane	9.701	88	46788	391.567	ug/l #	91
51) 4-Methyl-2-Pentanone	10.448	43	483299	95.966	ug/l	99
52) Toluene	10.630	92	329777	19.194	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	167483	19.049	ug/l	90
54) cis-1,3-Dichloropropene	10.313	75	187072	18.701	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	125412	18.825	ug/l	96
56) Ethyl methacrylate	10.877	69	162321	19.321	ug/l #	91
57) 1,3-Dichloropropane	11.166	76	201339	18.801	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	403049	116.360	ug/l	95
59) 2-Hexanone	11.195	43	337447	94.805	ug/l	96
60) Dibromochloromethane	11.360	129	125704	19.008	ug/l	100
61) 1,2-Dibromoethane	11.471	107	125359	19.140	ug/l	100
64) Tetrachloroethene	11.107	164	98952	18.159	ug/l	95
65) Chlorobenzene	11.895	112	340723	18.104	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	124076	18.299	ug/l	97
67) Ethyl Benzene	11.966	91	610565	18.479	ug/l	97
68) m/p-Xylenes	12.071	106	482185	36.858	ug/l	99
69) o-Xylene	12.401	106	239558	18.269	ug/l	99
70) Styrene	12.413	104	381983	19.021	ug/l	99
71) Bromoform	12.583	173	72865	17.708	ug/l #	94
73) Isopropylbenzene	12.695	105	605593	18.090	ug/l	99
74) N-amyl acetate	12.495	43	136710	18.504	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	166073	18.046	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	194622	25.131	ug/l	77
77) Bromobenzene	12.983	156	130909	17.657	ug/l	95
78) n-propylbenzene	13.036	91	663384	18.461	ug/l	100
79) 2-Chlorotoluene	13.124	91	412710	18.032	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	487053	19.017	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	41922	17.237	ug/l	89
82) 4-Chlorotoluene	13.224	91	393143	18.316	ug/l	99
83) tert-Butylbenzene	13.442	119	434790	18.066	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	445478	18.509	ug/l	100
85) sec-Butylbenzene	13.618	105	602514	18.598	ug/l	99
86) p-Isopropyltoluene	13.730	119	469737	18.543	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	237127	18.401	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	231297	18.055	ug/l	96
89) n-Butylbenzene	14.060	91	367735	18.318	ug/l	100
90) Hexachloroethane	14.336	117	83074	17.100	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	231130	18.040	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	26577	16.318	ug/l	88
93) 1,2,4-Trichlorobenzene	15.395	180	61521	14.792	ug/l	98
94) Hexachlorobutadiene	15.501	225	46634	17.036	ug/l	96
95) Naphthalene	15.648	128	217710	15.144	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	61097	15.408	ug/l	98

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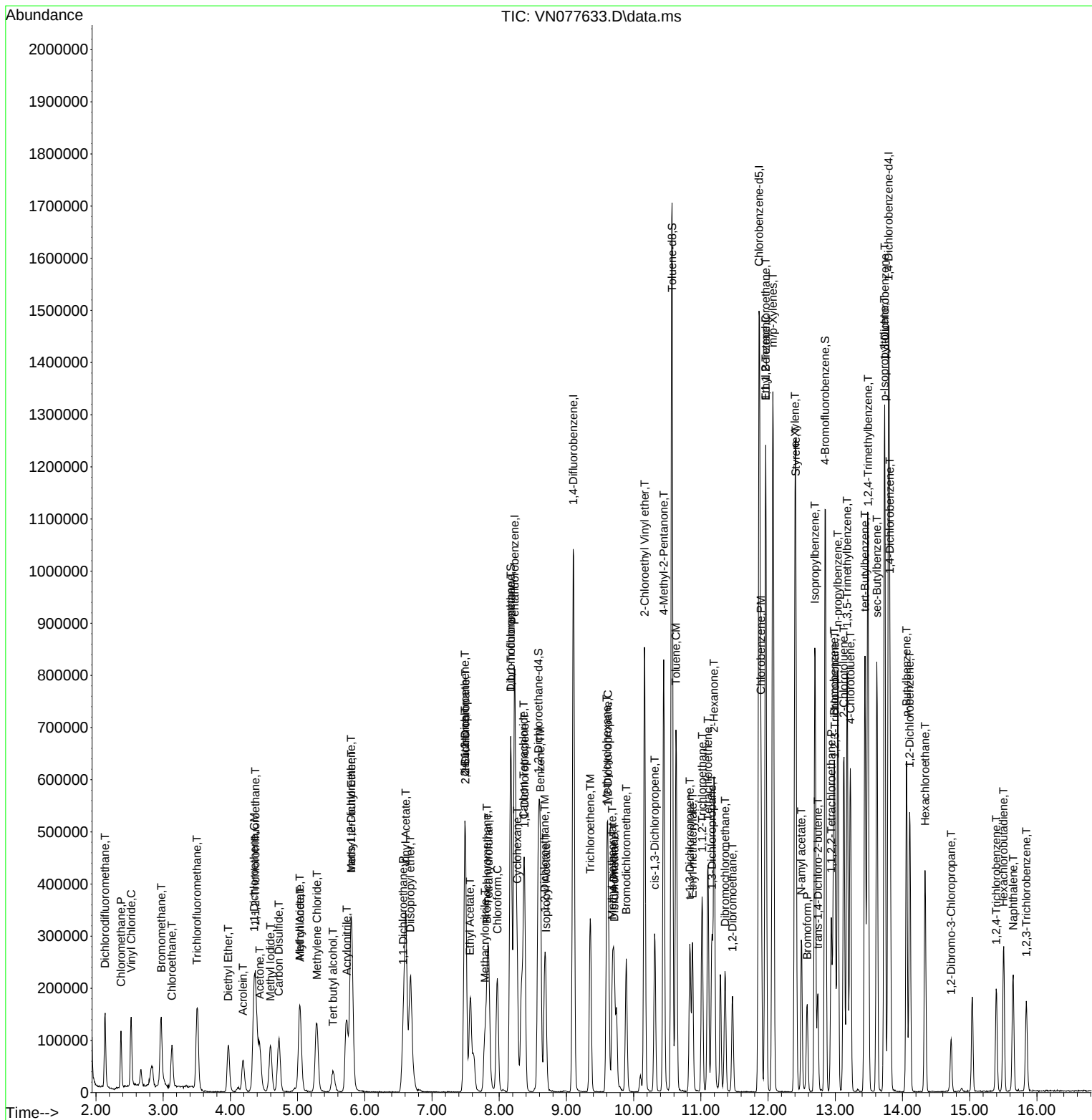
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

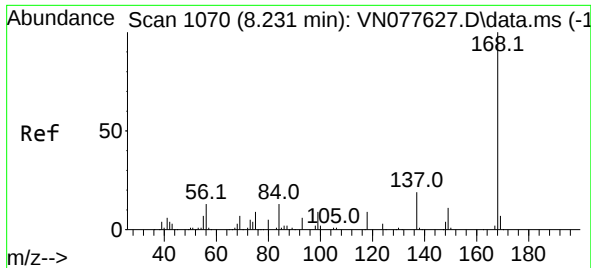
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QLast Update : Tue May 09 13:52:31 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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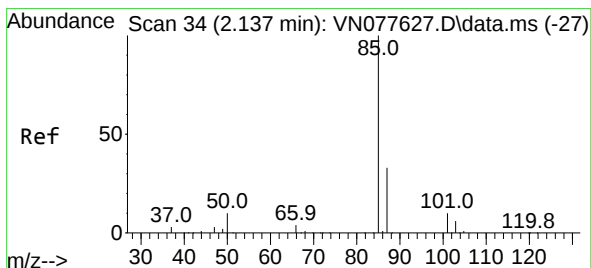
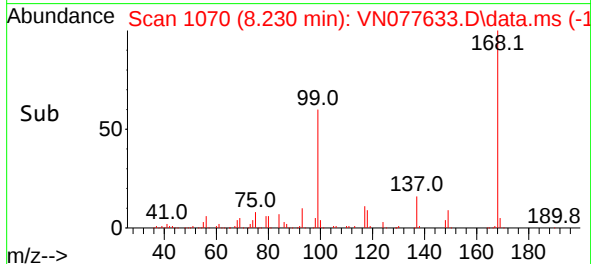
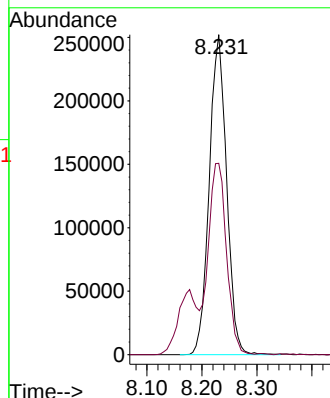
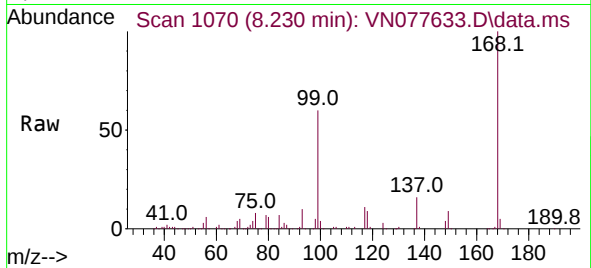




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN077633.D
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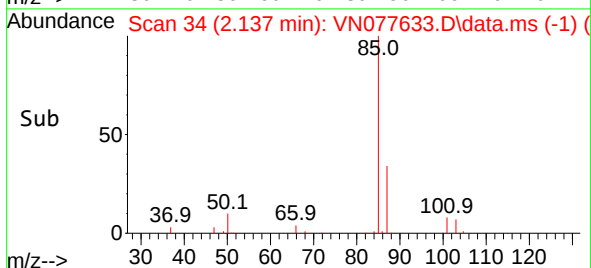
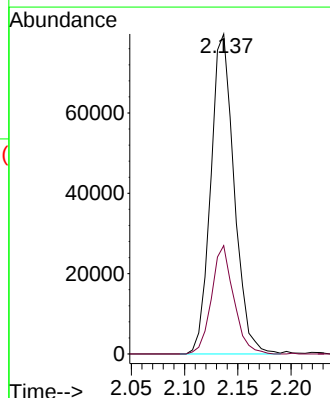
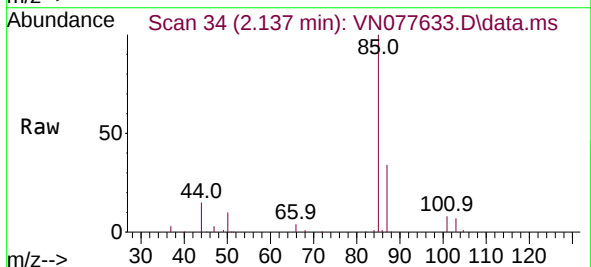
Instrument :
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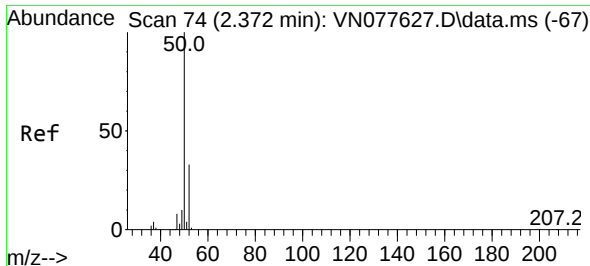
Tgt Ion:168 Resp: 552017
Ion Ratio Lower Upper
168 100
99 59.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 19.731 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 85 Resp: 121749
Ion Ratio Lower Upper
85 100
87 33.9 15.8 47.4

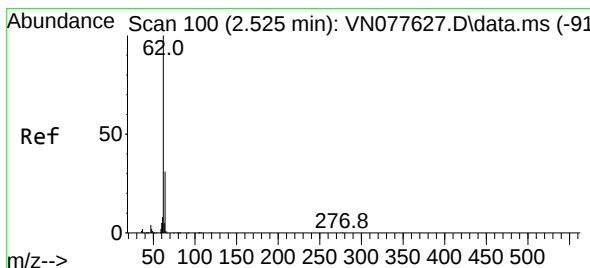
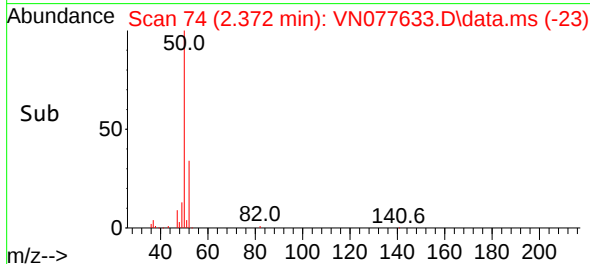
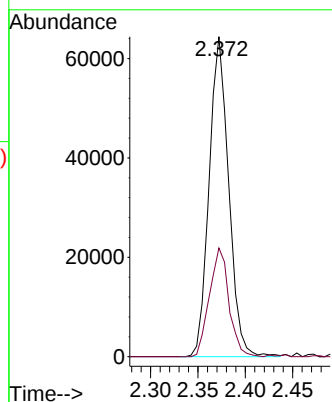
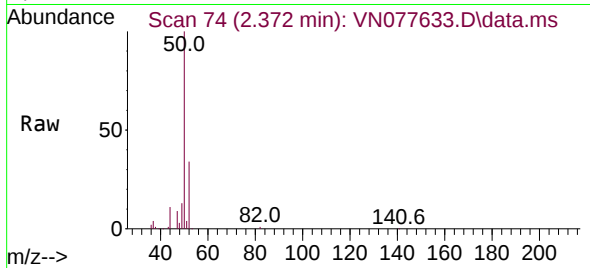




#3
Chloromethane
Concen: 16.641 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

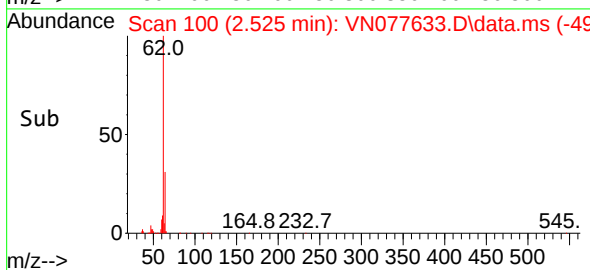
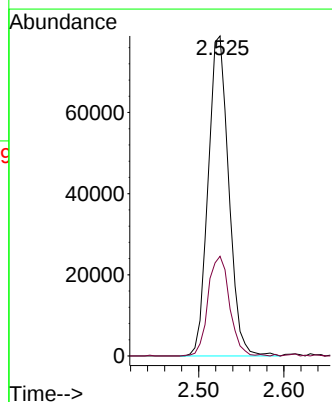
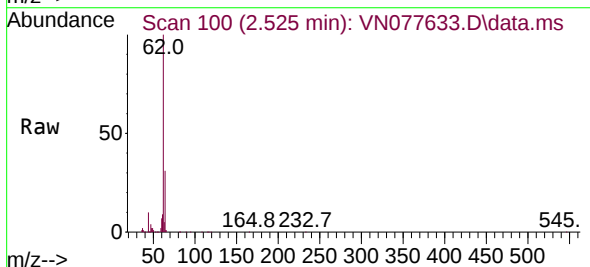
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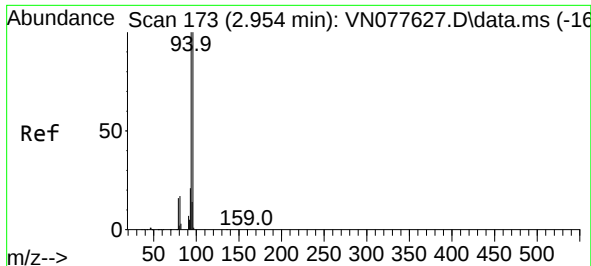
Tgt Ion: 50 Resp: 92558
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7



#4
Vinyl Chloride
Concen: 17.988 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 62 Resp: 132410
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.2

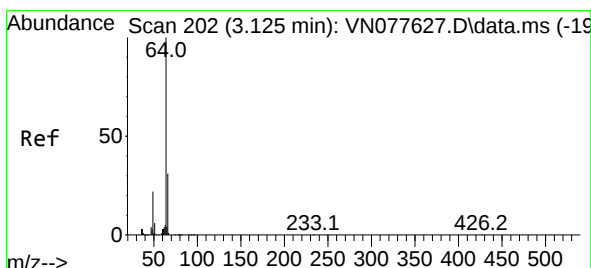
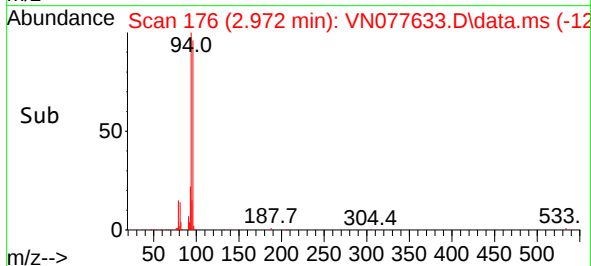
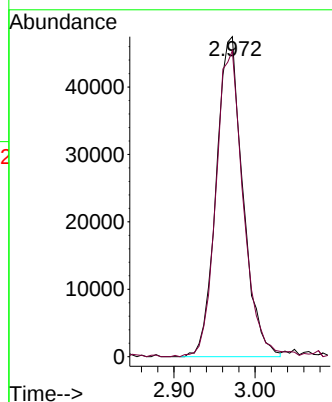
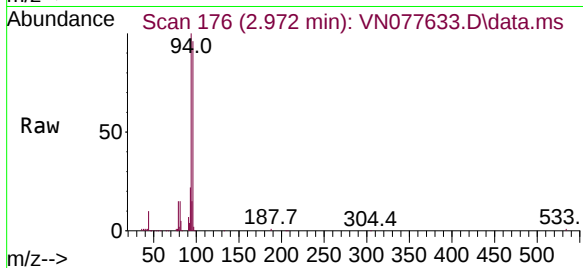




#5
Bromomethane
Concen: 18.619 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

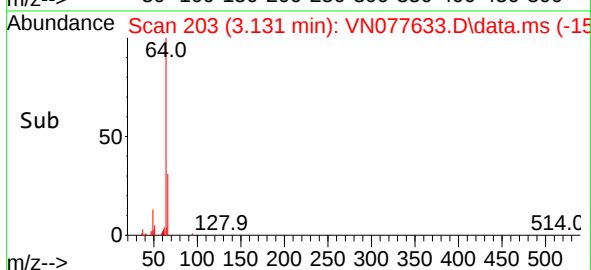
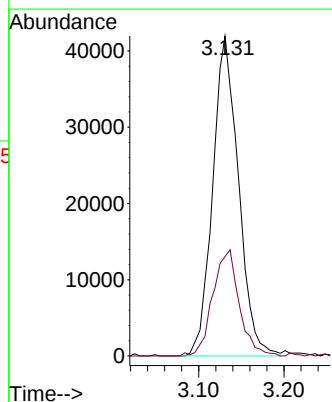
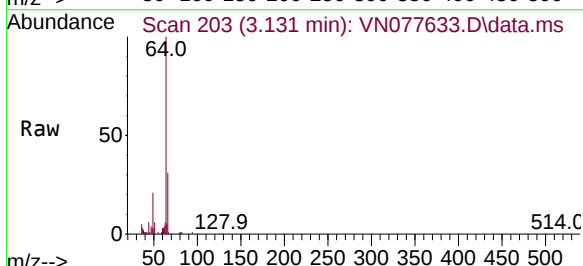
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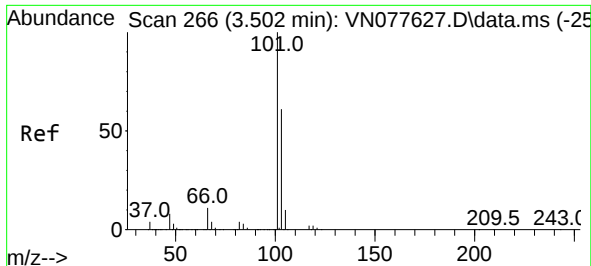
Tgt Ion: 94 Resp: 108817
Ion Ratio Lower Upper
94 100
96 95.6 73.1 109.7



#6
Chloroethane
Concen: 17.250 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 64 Resp: 88046
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2

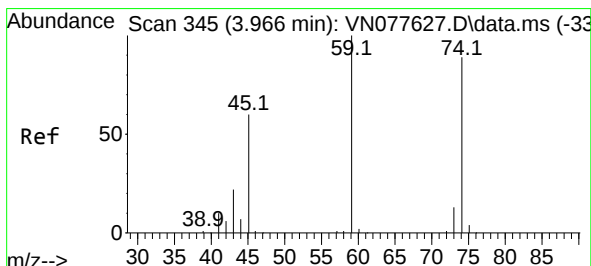
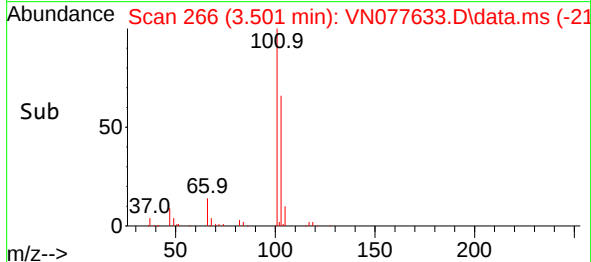
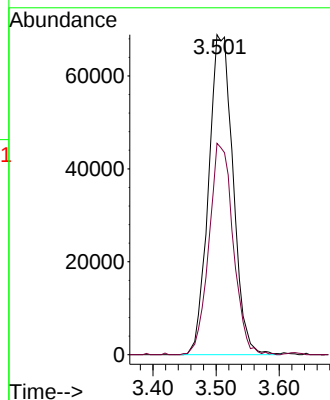
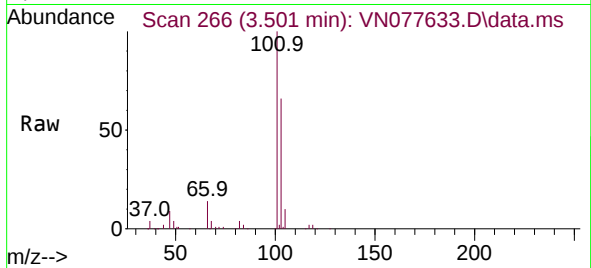




#7
 Trichlorofluoromethane
 Concen: 16.020 ug/l
 RT: 3.501 min Scan# 266
 Delta R.T. -0.001 min
 Lab File: VN077633.D
 Acq: 09 May 2023 15:42

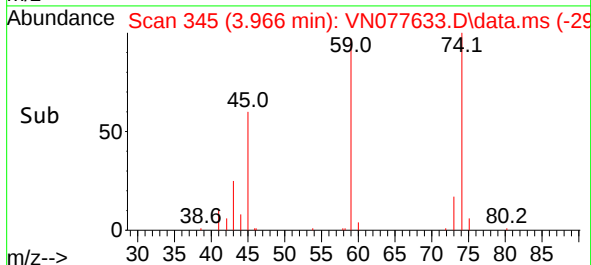
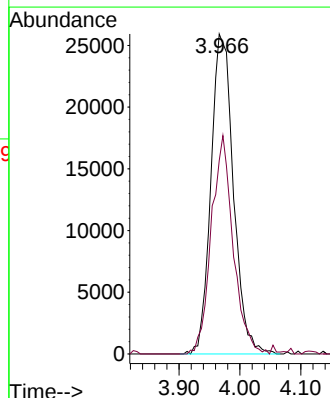
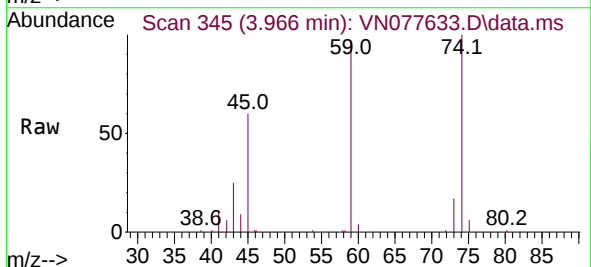
Instrument :
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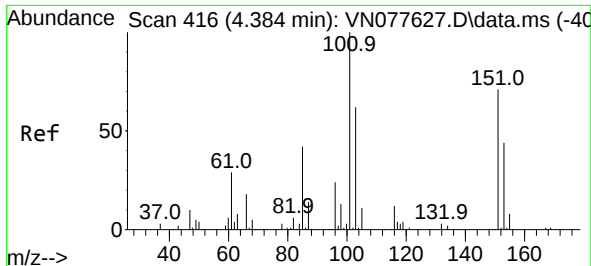
Tgt Ion:101 Resp: 184843
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.612 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN077633.D
 Acq: 09 May 2023 15:42

Tgt Ion: 74 Resp: 66528
 Ion Ratio Lower Upper
 74 100
 45 66.1 34.4 103.3

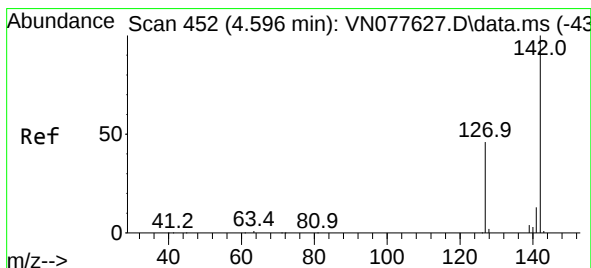
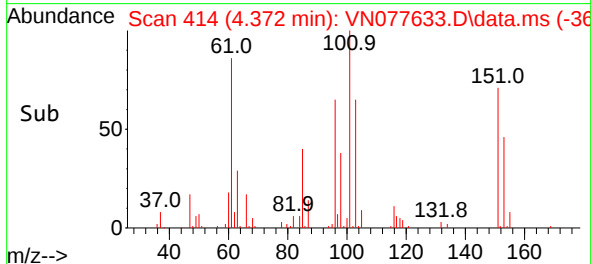
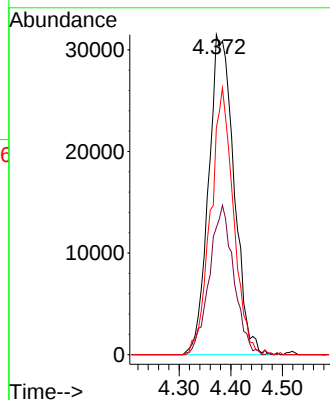
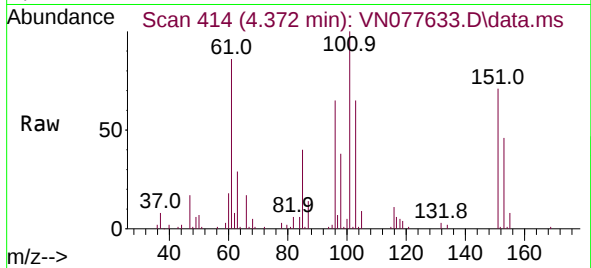




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.656 ug/l
RT: 4.372 min Scan# 416
Delta R.T. -0.012 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

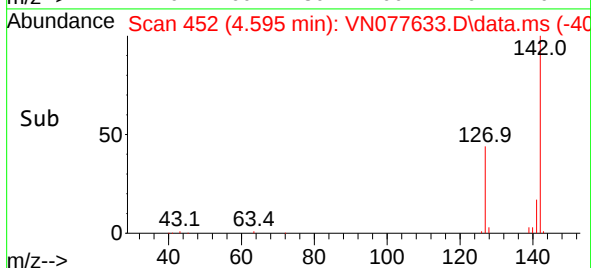
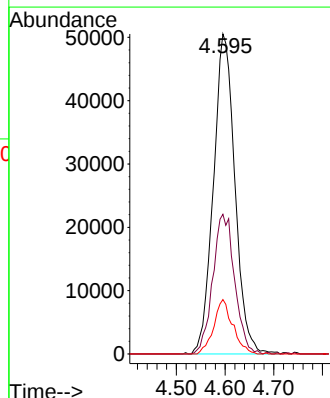
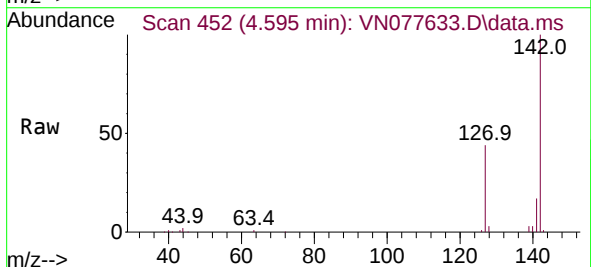
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

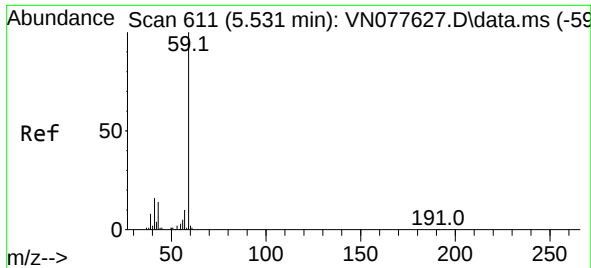
Tgt Ion:101 Resp: 107558
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 74.8 57.6 86.4



#10
Methyl Iodide
Concen: 18.298 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.001 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion:142 Resp: 155029
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 17.0 11.4 17.0

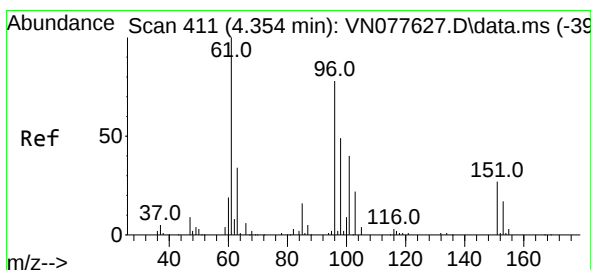
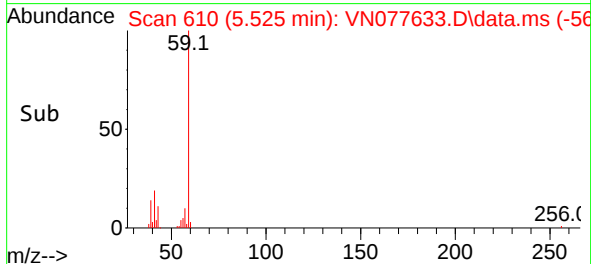
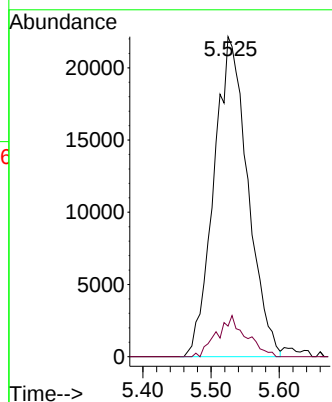
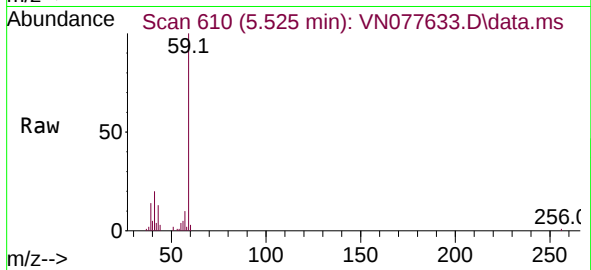




#11
Tert butyl alcohol
Concen: 93.078 ug/l
RT: 5.525 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

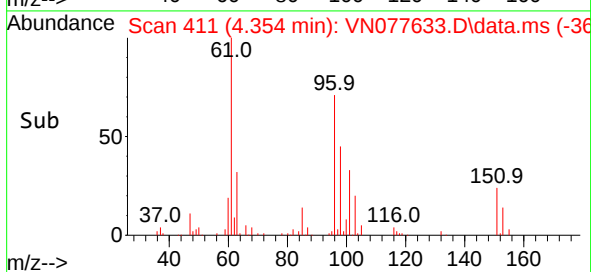
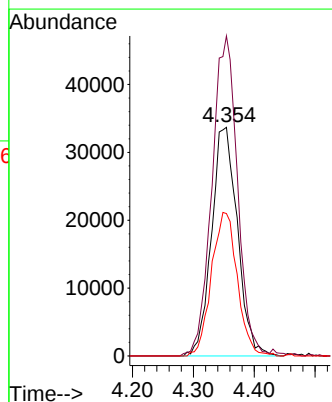
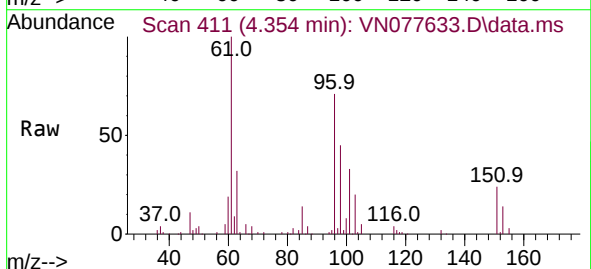
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

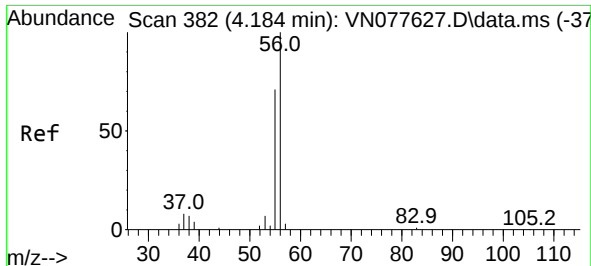
Tgt Ion: 59 Resp: 76655
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.169 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 96 Resp: 99537
Ion Ratio Lower Upper
96 100
61 139.9 112.7 169.1
98 62.3 51.2 76.8

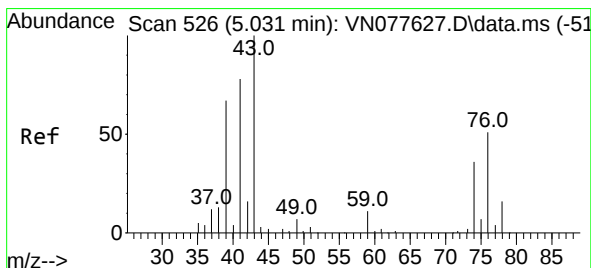
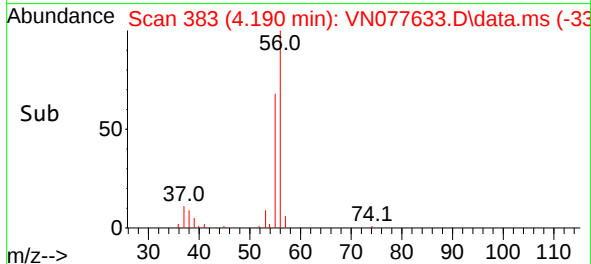
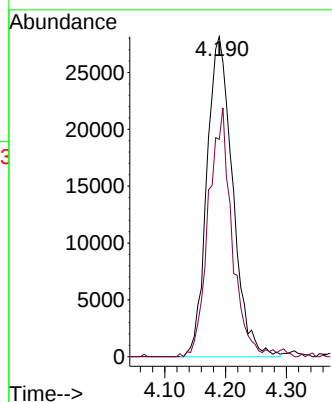
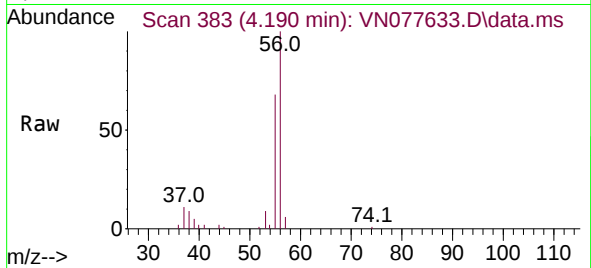




#13
Acrolein
Concen: 103.529 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

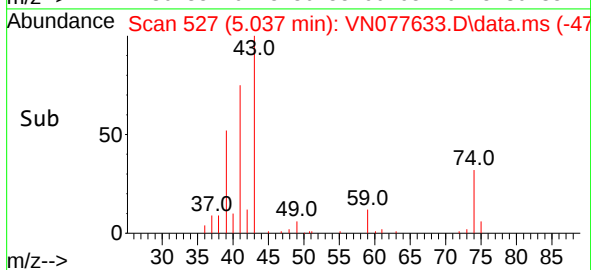
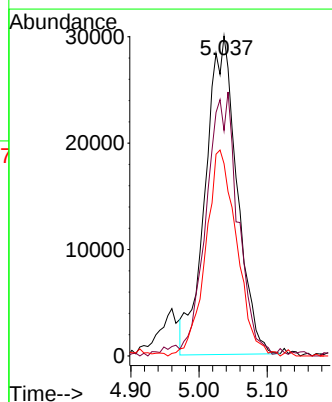
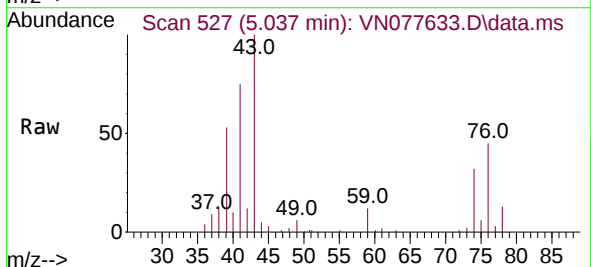
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

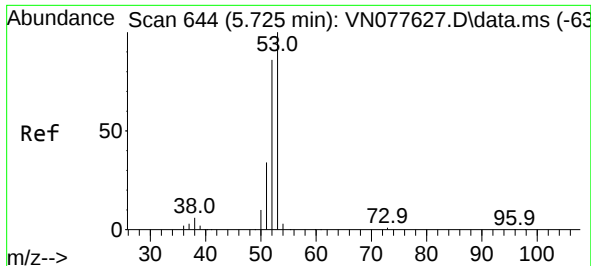
Tgt Ion: 56 Resp: 82635
Ion Ratio Lower Upper
56 100
55 70.2 54.5 81.7



#14
Allyl chloride
Concen: 17.752 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 41 Resp: 96590
Ion Ratio Lower Upper
41 100
39 84.9 58.8 88.2
76 63.7 39.1 58.7#

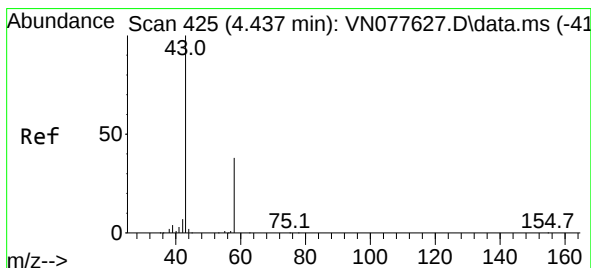
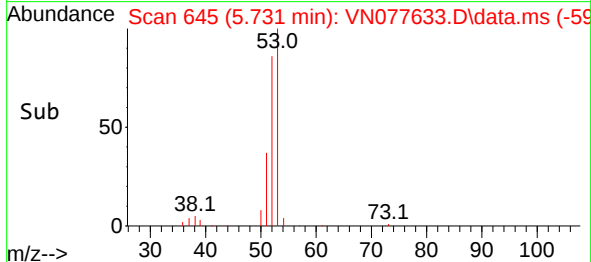
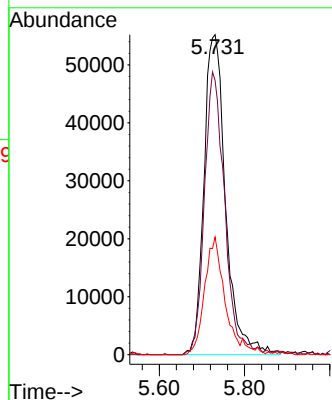
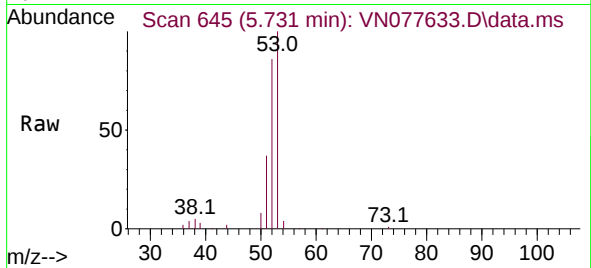




#15
Acrylonitrile
Concen: 95.451 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

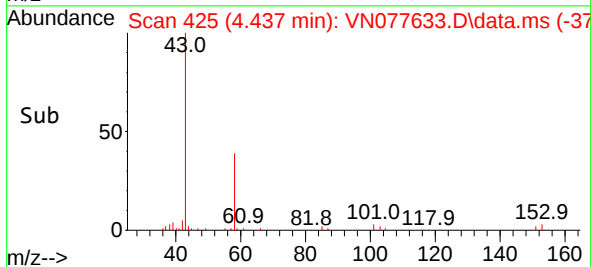
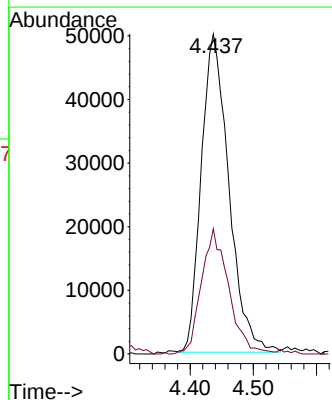
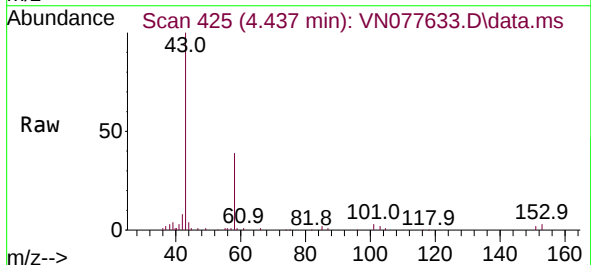
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

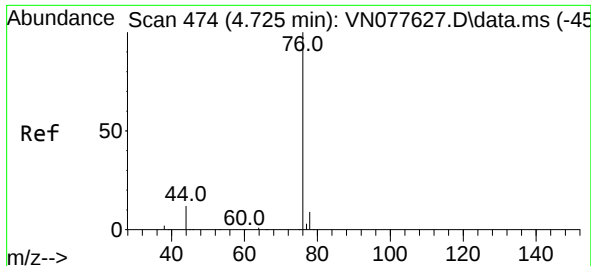
Tgt Ion: 53 Resp: 194437
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 33.0 28.9 43.3



#16
Acetone
Concen: 91.225 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 43 Resp: 151661
Ion Ratio Lower Upper
43 100
58 38.2 28.0 42.0

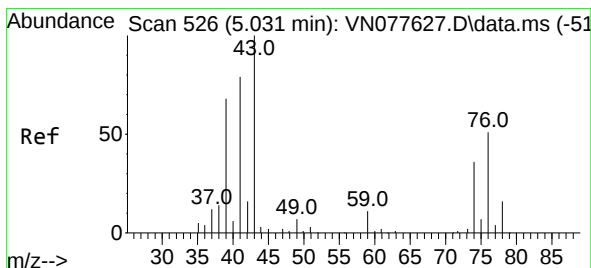
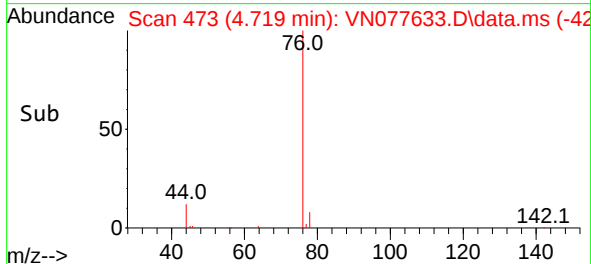
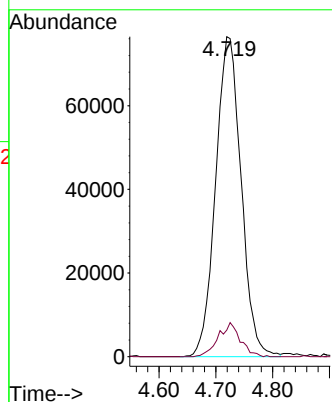
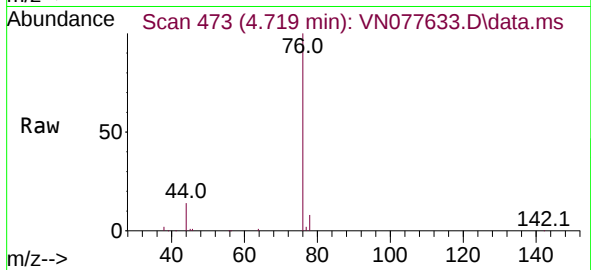




#17
Carbon Disulfide
Concen: 18.091 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

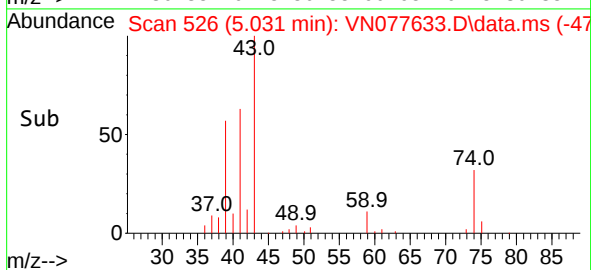
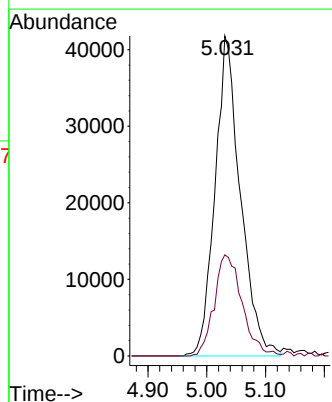
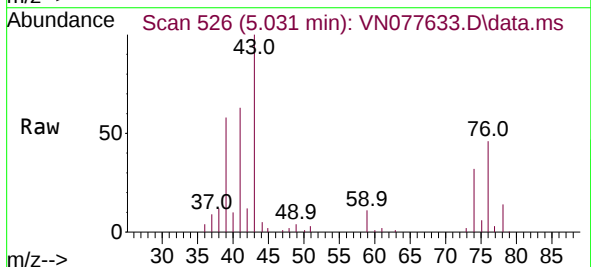
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

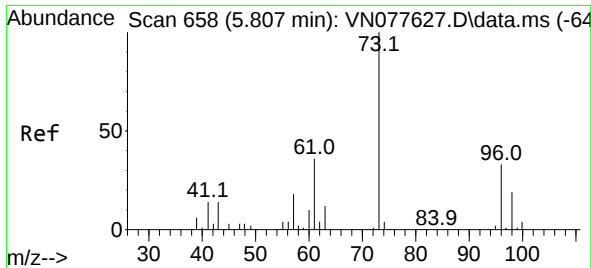
Tgt Ion: 76 Resp: 238331
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#18
Methyl Acetate
Concen: 18.995 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 43 Resp: 125182
Ion Ratio Lower Upper
43 100
74 34.6 26.2 39.4

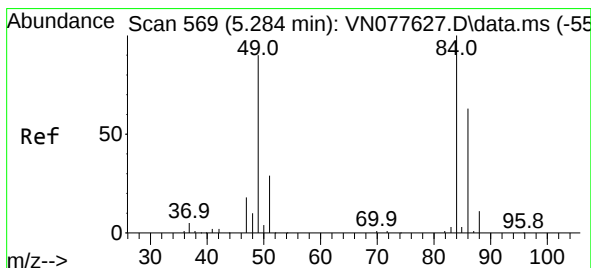
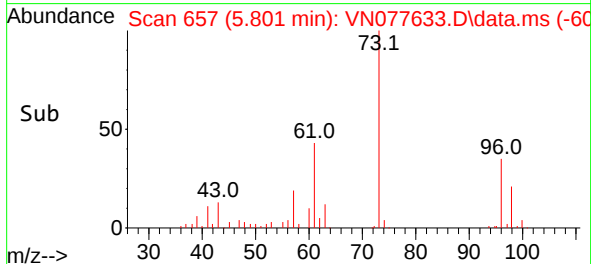
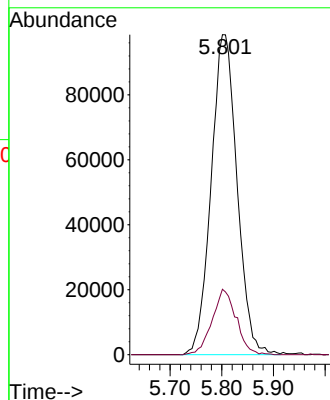
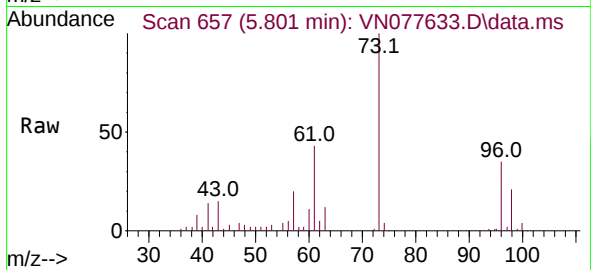




#19
Methyl tert-butyl Ether
Concen: 19.040 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

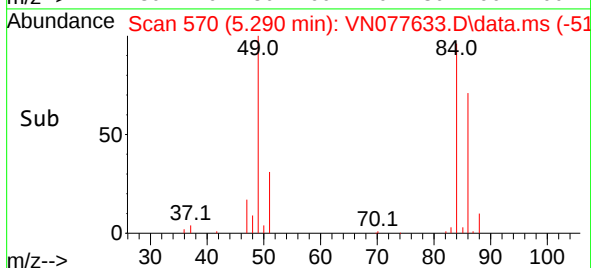
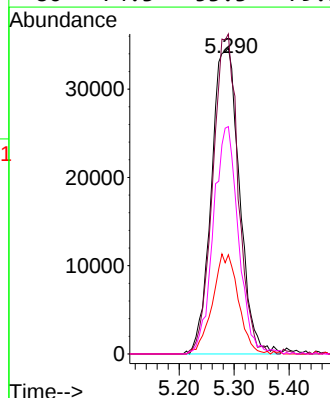
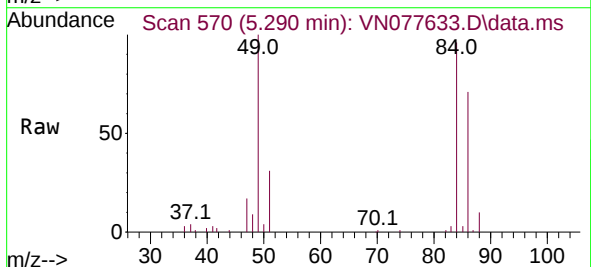
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

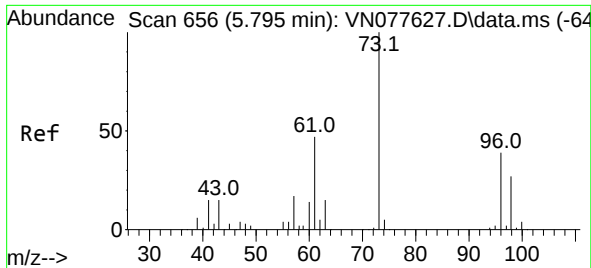
Tgt Ion: 73 Resp: 343235
Ion Ratio Lower Upper
73 100
57 20.4 15.6 23.4



#20
Methylene Chloride
Concen: 17.811 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 84 Resp: 122709
Ion Ratio Lower Upper
84 100
49 104.6 79.7 119.5
51 32.4 25.2 37.8
86 74.3 53.3 79.9

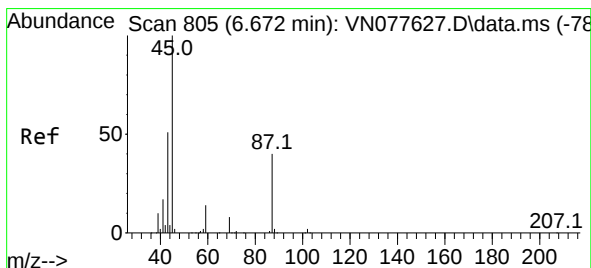
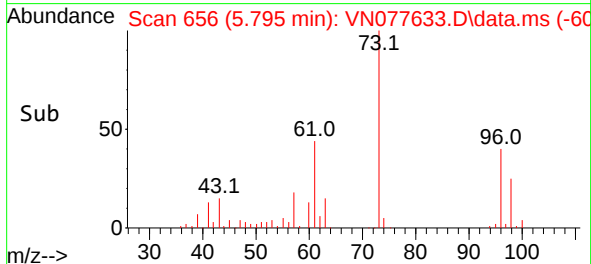
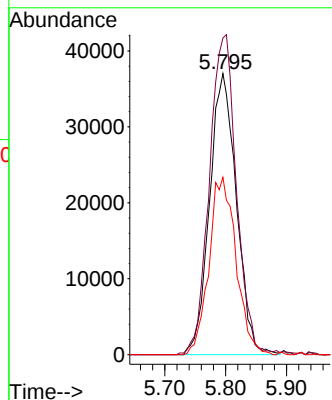
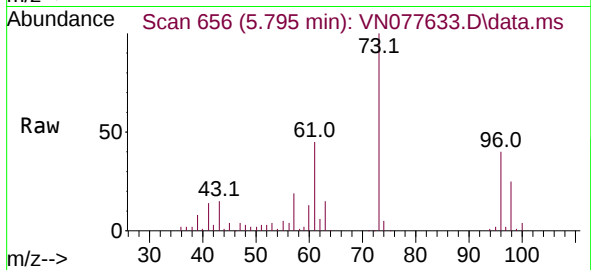




#21
trans-1,2-Dichloroethene
Concen: 18.282 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

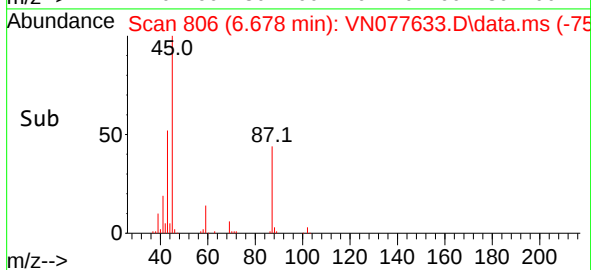
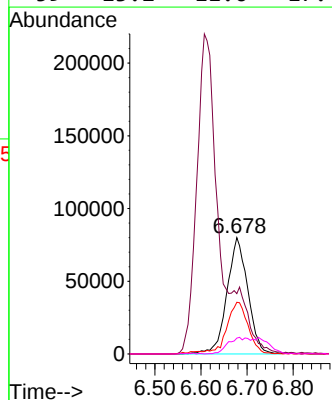
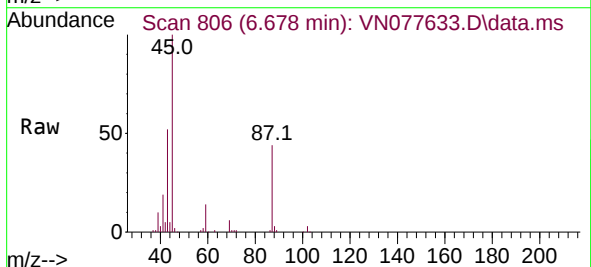
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

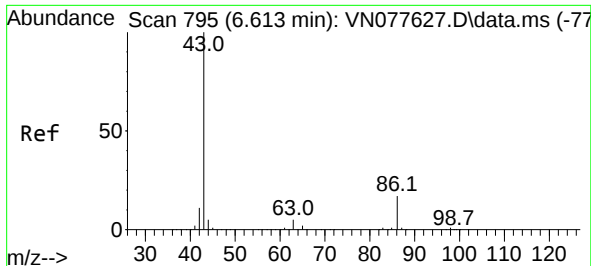
Tgt Ion: 96 Resp: 113287
Ion Ratio Lower Upper
96 100
61 112.0 90.1 135.1
98 63.1 46.4 69.6



#22
Diisopropyl ether
Concen: 18.682 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.006 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 45 Resp: 250941
Ion Ratio Lower Upper
45 100
43 50.4 45.5 68.3
87 44.2 31.8 47.8
59 13.2 11.6 17.4

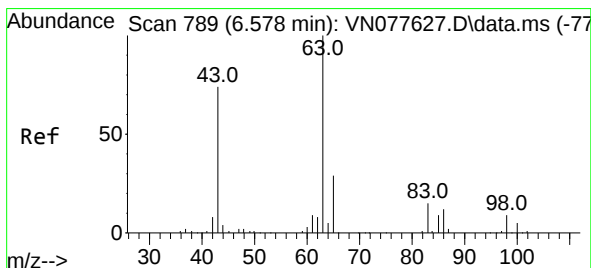
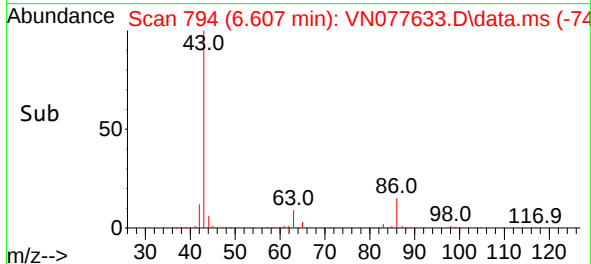
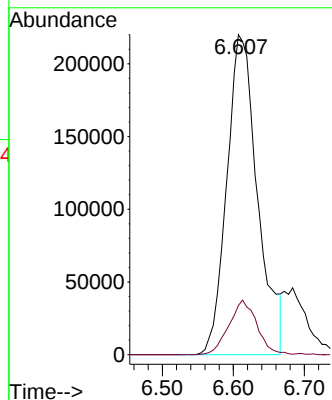
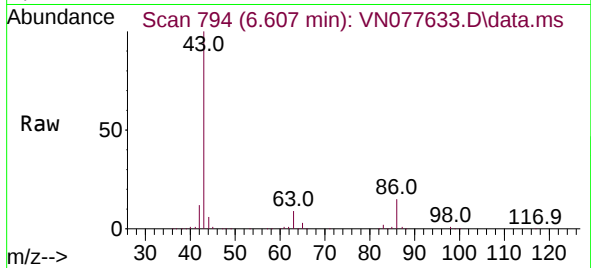




#23
 Vinyl Acetate
 Concen: 89.113 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077633.D
 Acq: 09 May 2023 15:42

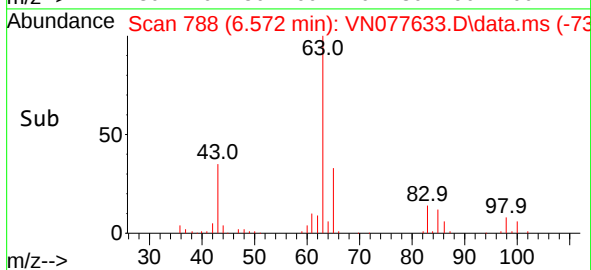
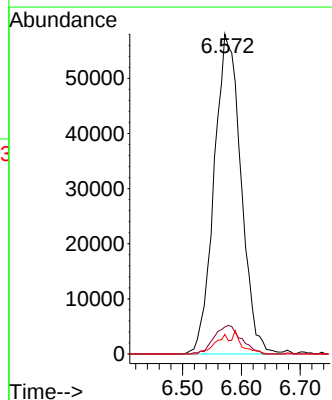
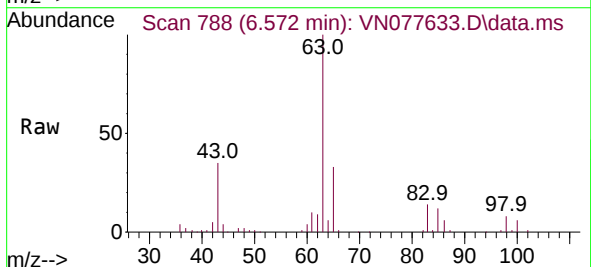
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD01

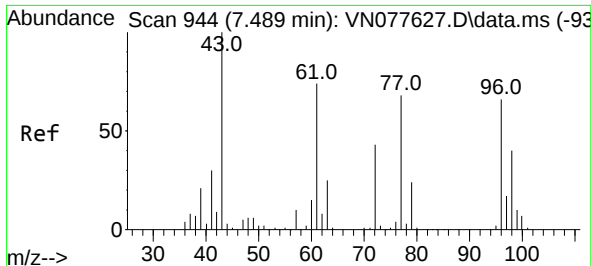
Tgt Ion: 43 Resp: 663386
 Ion Ratio Lower Upper
 43 100
 86 15.4 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 18.080 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077633.D
 Acq: 09 May 2023 15:42

Tgt Ion: 63 Resp: 184109
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.7
 100 6.1 2.5 7.4





#25

2-Butanone

Concen: 89.561 ug/l

RT: 7.489 min Scan# 944

Delta R.T. 0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

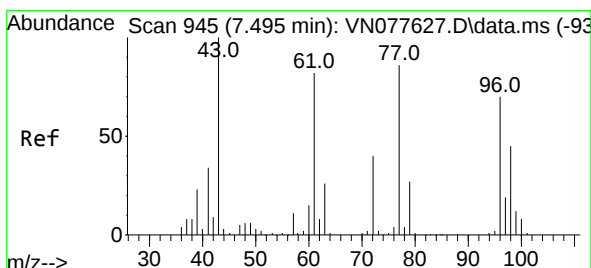
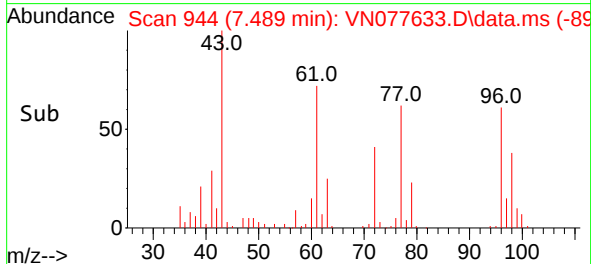
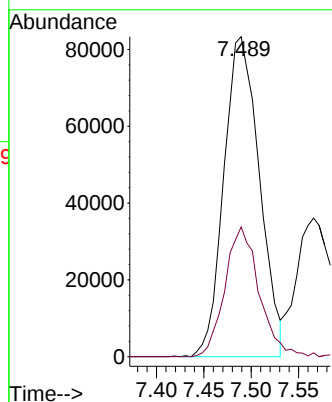
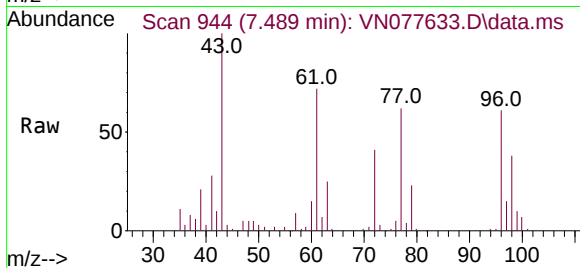
VN0509WBSD01

Tgt Ion: 43 Resp: 217627

Ion Ratio Lower Upper

43 100

72 40.6 30.2 45.2



#26

2,2-Dichloropropane

Concen: 17.912 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077633.D

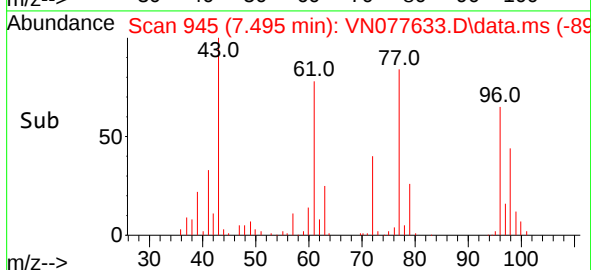
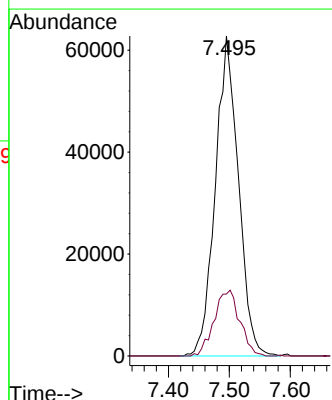
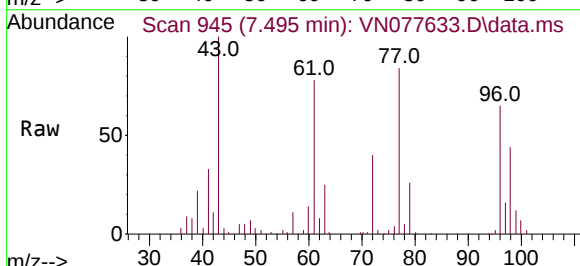
Acq: 09 May 2023 15:42

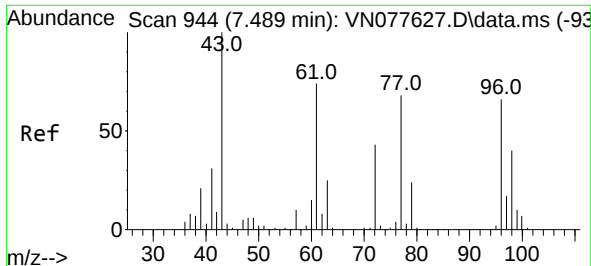
Tgt Ion: 77 Resp: 165299

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.039 ug/l

RT: 7.489 min Scan# 944

Delta R.T. 0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

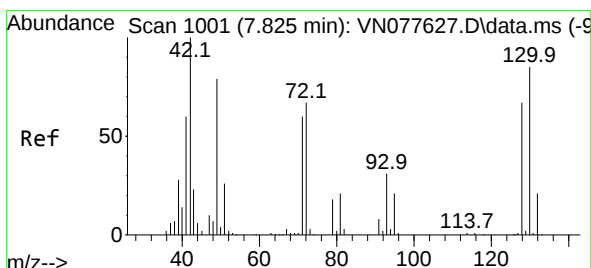
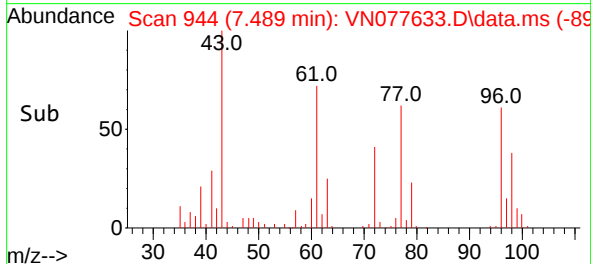
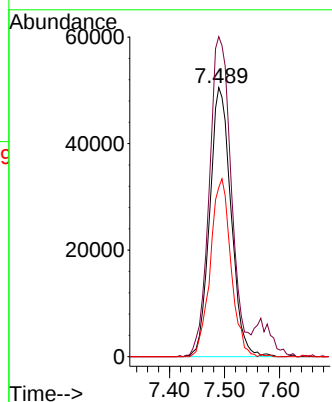
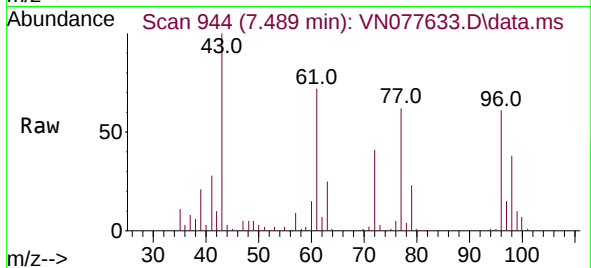
Tgt Ion: 96 Resp: 135975

Ion Ratio Lower Upper

96 100

61 123.5 0.0 255.2

98 63.7 0.0 128.8



#28

Bromochloromethane

Concen: 21.439 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

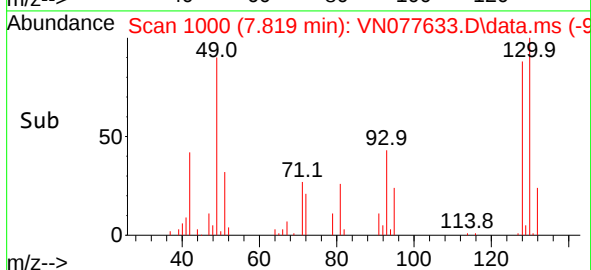
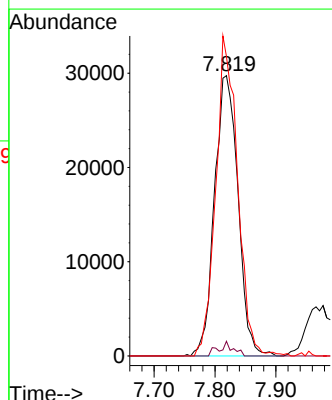
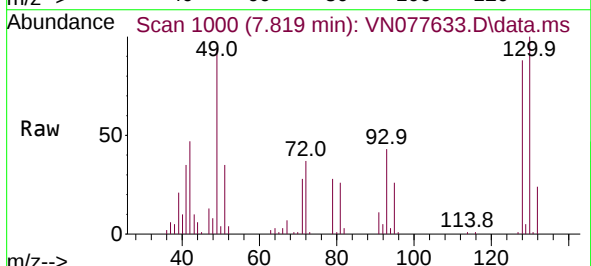
Tgt Ion: 49 Resp: 79658

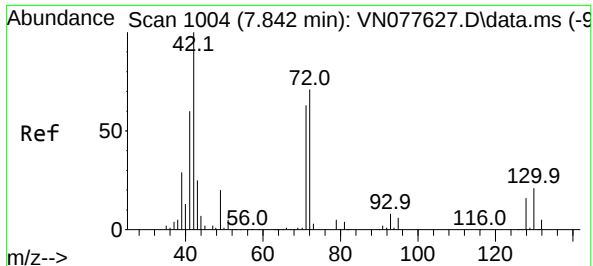
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.8

130 105.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 94.441 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

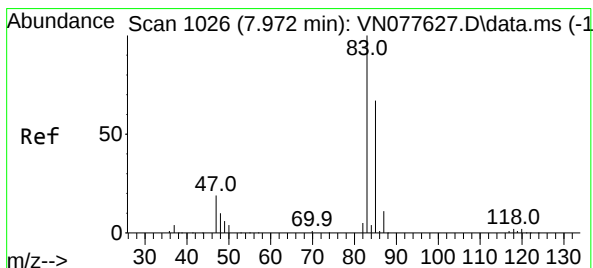
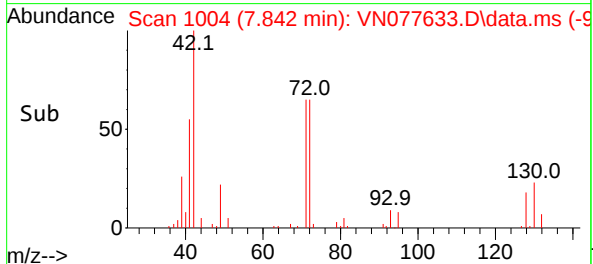
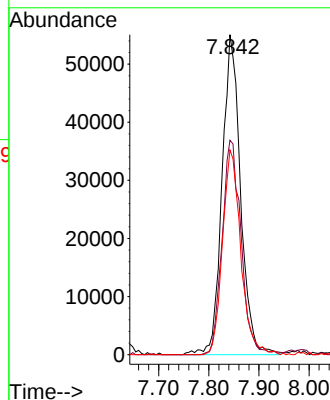
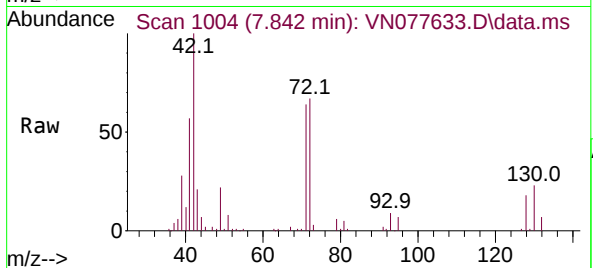
Tgt Ion: 42 Resp: 140966

Ion Ratio Lower Upper

42 100

72 68.3 49.8 74.6

71 63.3 47.4 71.2



#30

Chloroform

Concen: 18.441 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077633.D

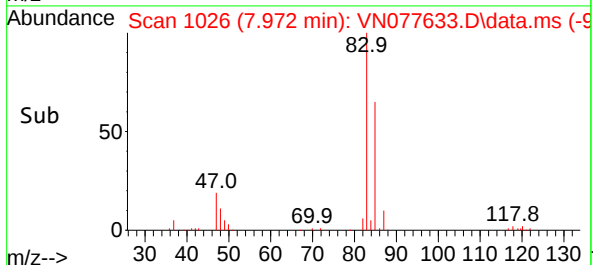
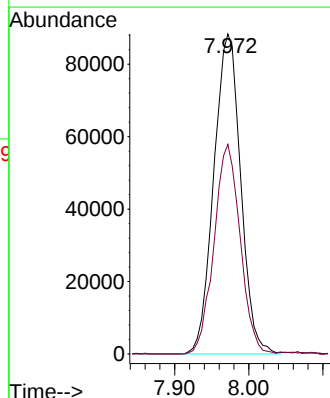
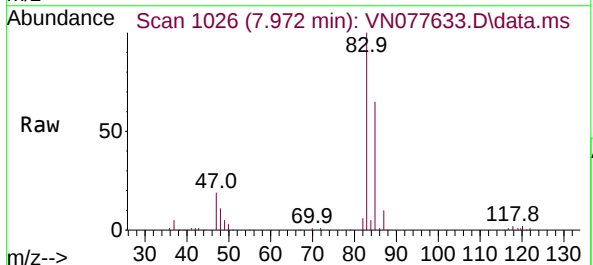
Acq: 09 May 2023 15:42

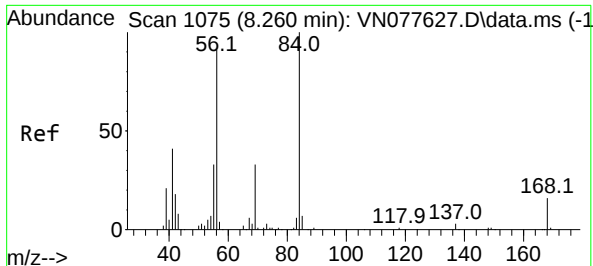
Tgt Ion: 83 Resp: 222542

Ion Ratio Lower Upper

83 100

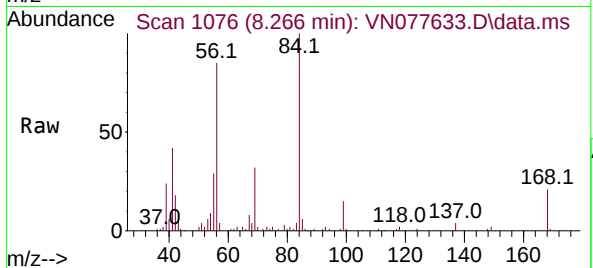
85 65.5 55.4 83.0



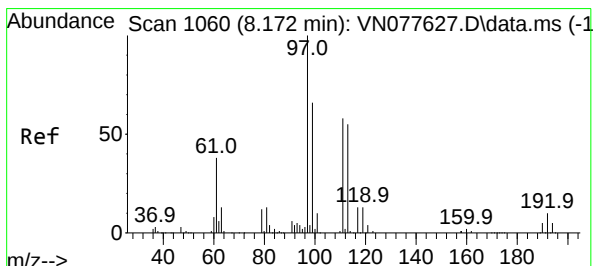
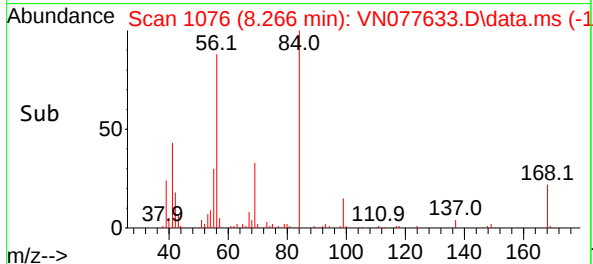
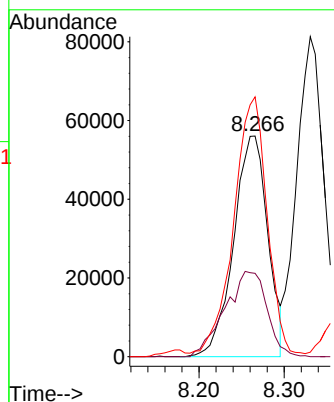


#31
Cyclohexane
Concen: 17.430 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

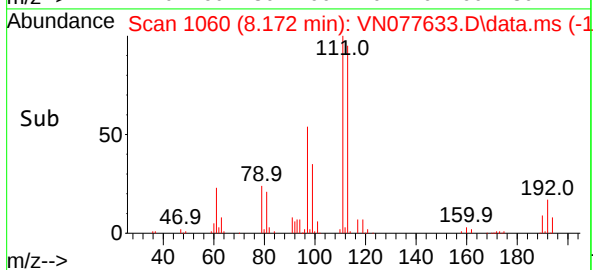
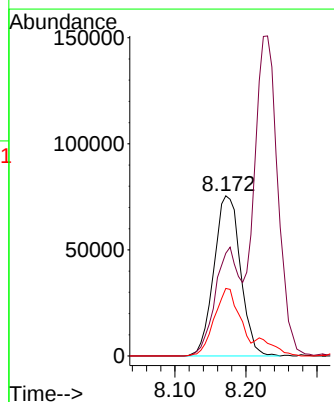
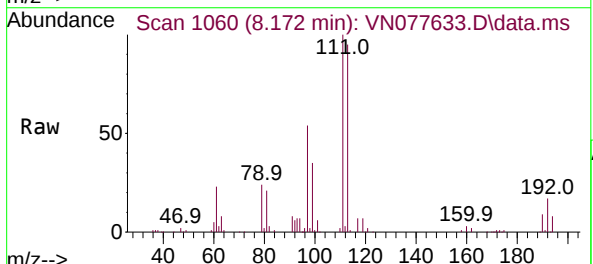


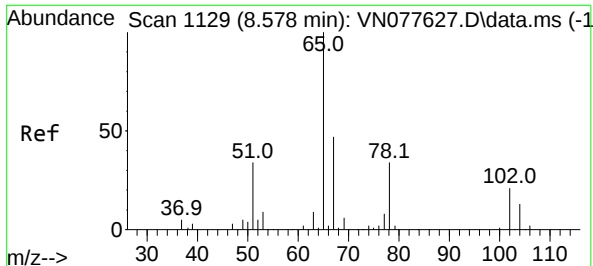
Tgt Ion: 56 Resp: 155944
Ion Ratio Lower Upper
56 100
69 37.8 26.8 40.2
84 114.7 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 17.599 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 97 Resp: 195548
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 40.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.716 ug/l

RT: 8.583 min Scan# 1129

Delta R.T. 0.005 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

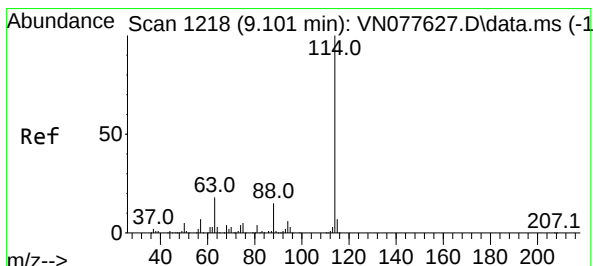
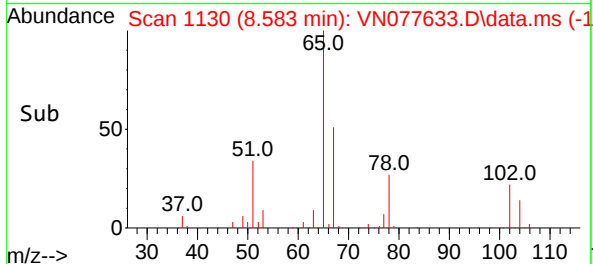
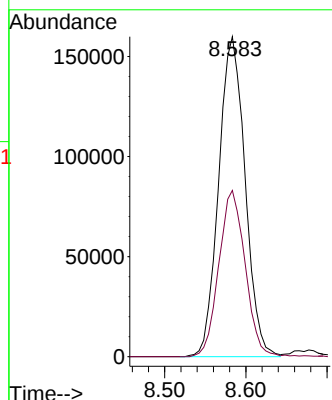
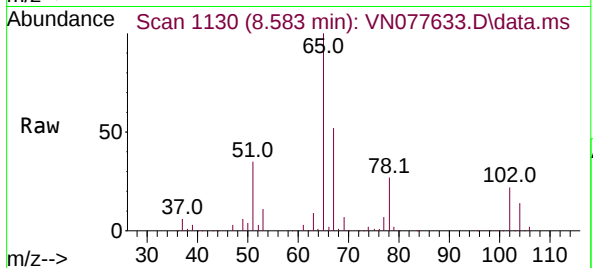
VN0509WBSD01

Tgt Ion: 65 Resp: 362058

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

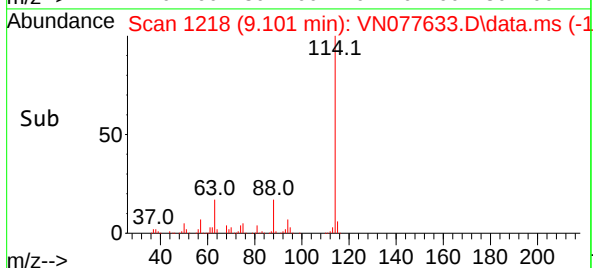
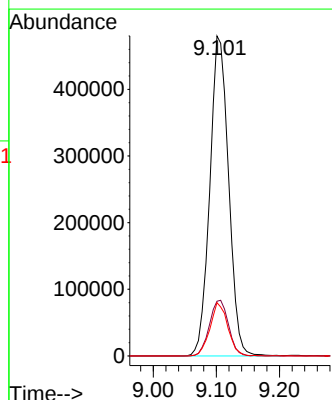
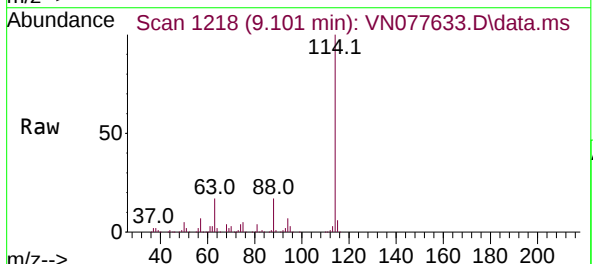
Tgt Ion: 114 Resp: 992086

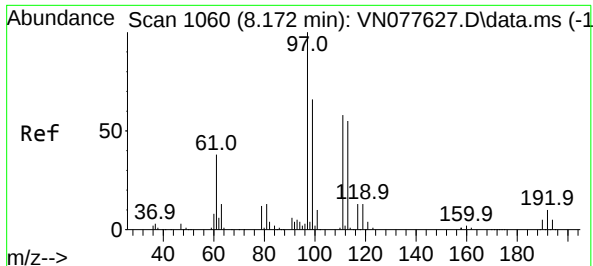
Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.4

88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.392 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

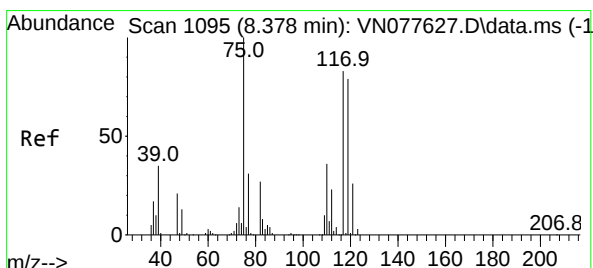
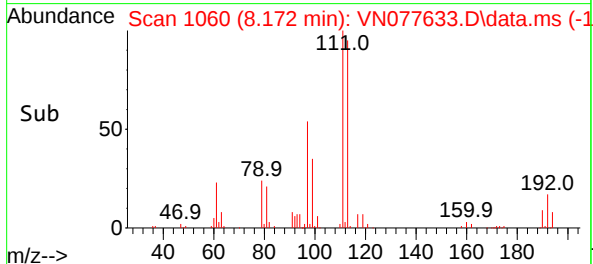
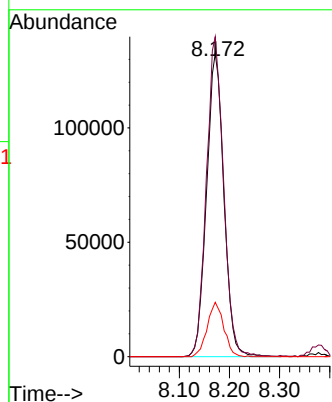
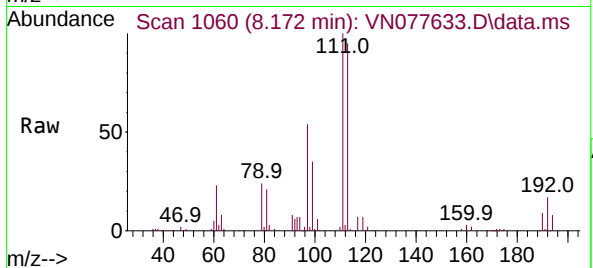
Tgt Ion:113 Resp: 317981

Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

192 17.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 18.454 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

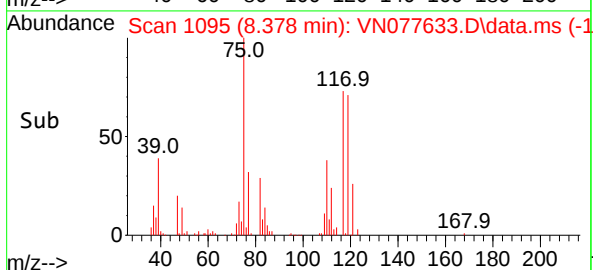
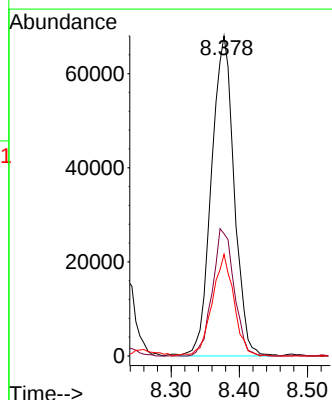
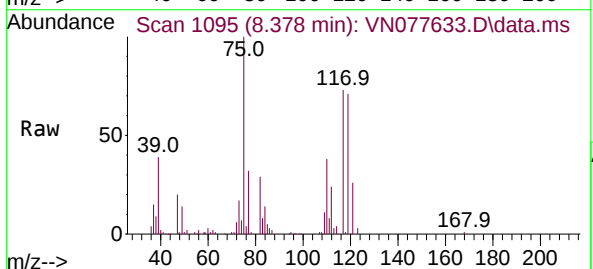
Tgt Ion: 75 Resp: 157572

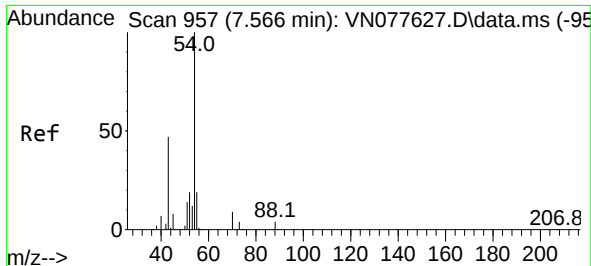
Ion Ratio Lower Upper

75 100

110 38.0 19.1 57.3

77 30.5 25.0 37.4

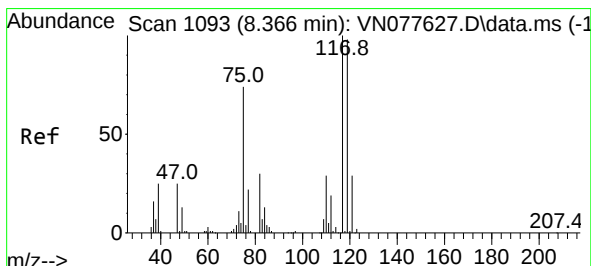
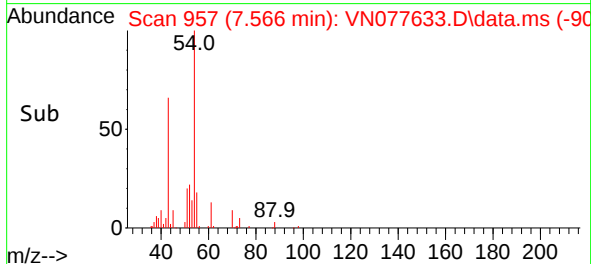
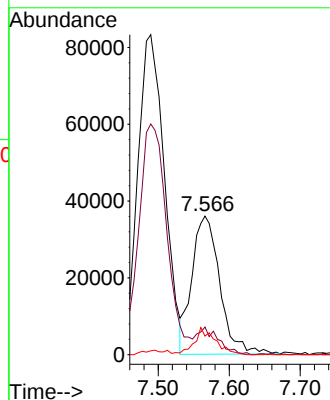
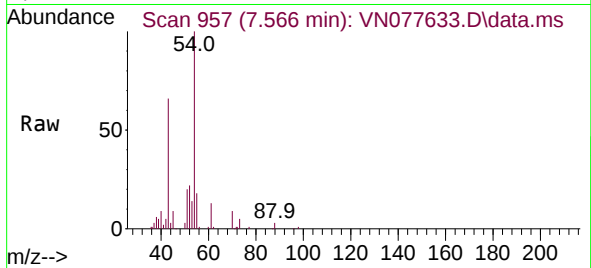




#37
Ethyl Acetate
Concen: 20.215 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

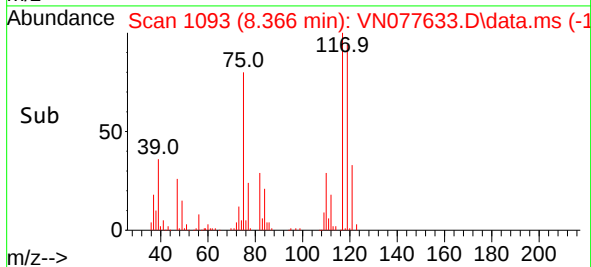
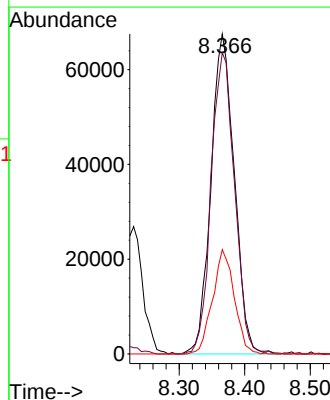
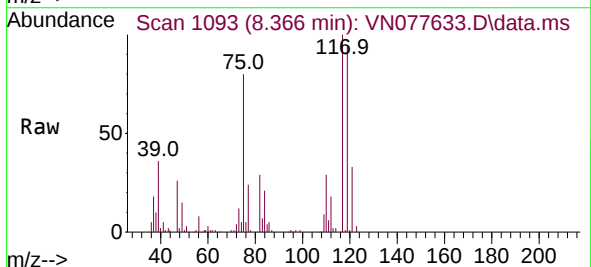
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

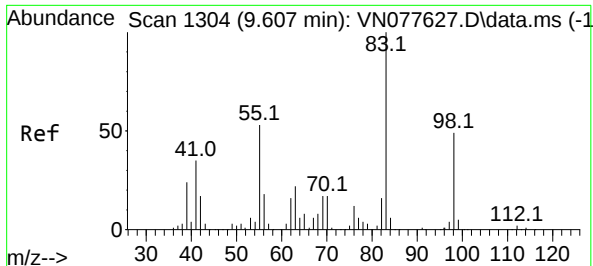
Tgt Ion: 43 Resp: 98701
Ion Ratio Lower Upper
43 100
61 15.2 13.2 19.8
70 14.3 11.3 16.9



#38
Carbon Tetrachloride
Concen: 17.907 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 117 Resp: 167045
Ion Ratio Lower Upper
117 100
119 94.2 77.3 115.9
121 32.6 23.3 34.9





#39

Methylcyclohexane

Concen: 18.583 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

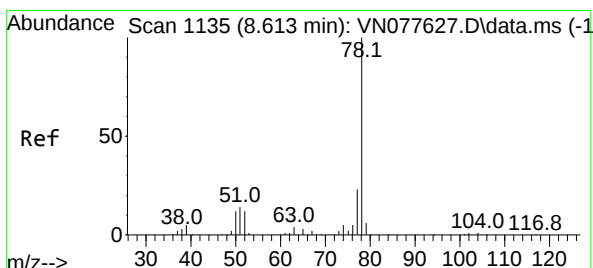
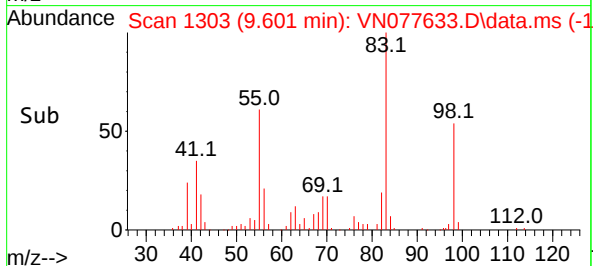
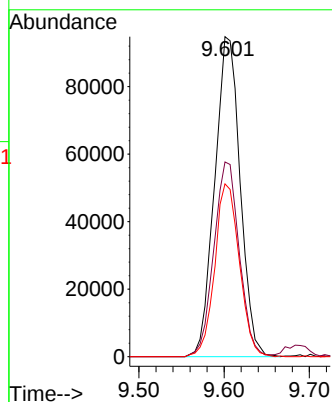
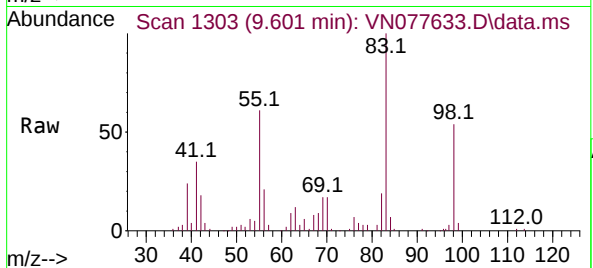
Tgt Ion: 83 Resp: 196973

Ion Ratio Lower Upper

83 100

55 60.9 49.1 73.7

98 54.0 40.6 61.0



#40

Benzene

Concen: 18.263 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077633.D

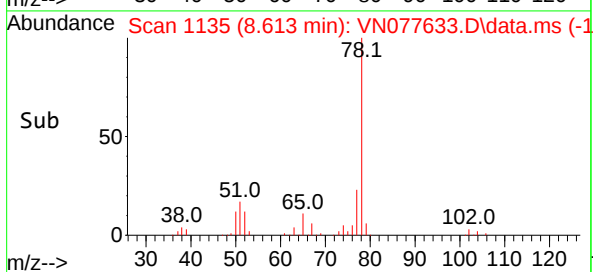
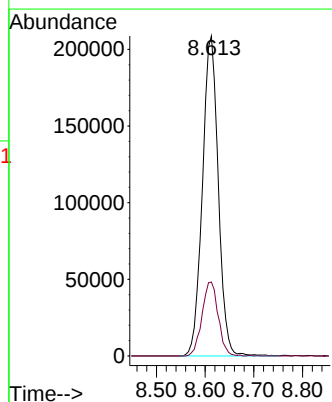
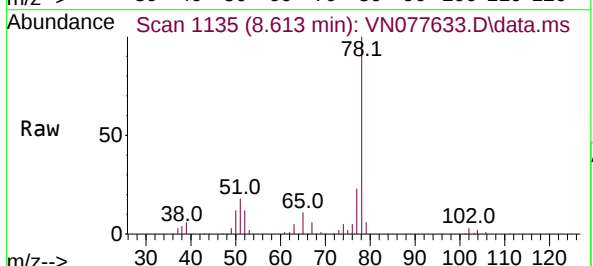
Acq: 09 May 2023 15:42

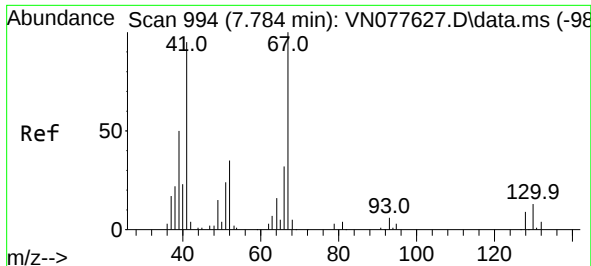
Tgt Ion: 78 Resp: 471773

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

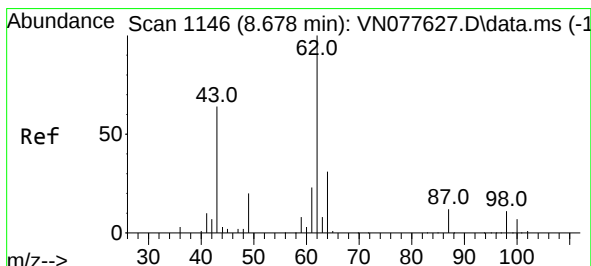
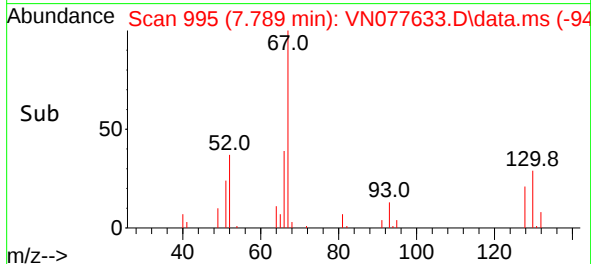
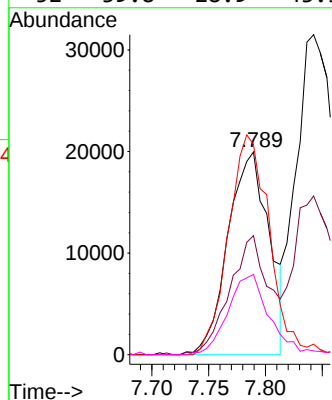
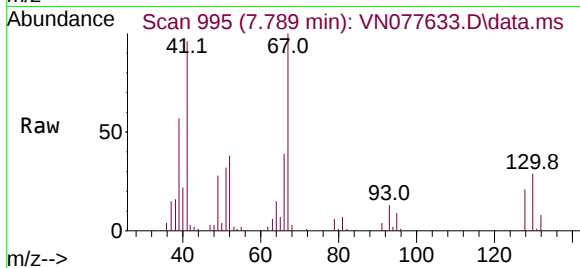




#41
Methacrylonitrile
Concen: 18.849 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

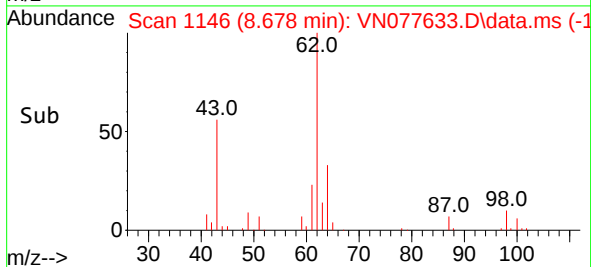
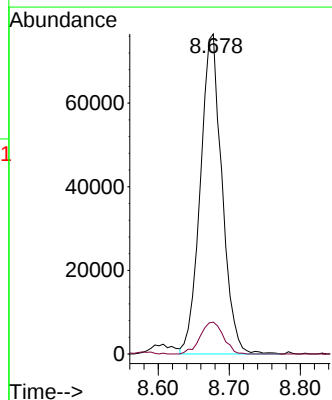
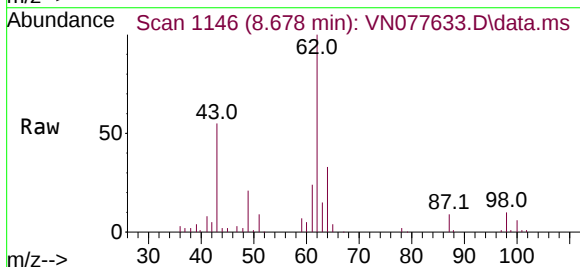
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

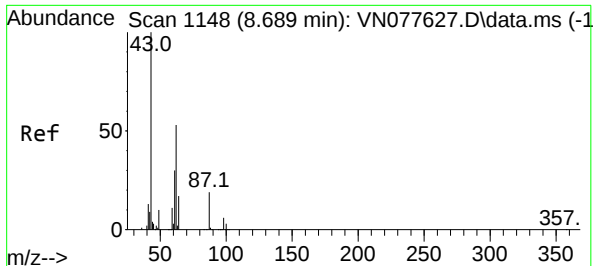
Tgt Ion:	41	Resp:	50283
Ion	Ratio	Lower	Upper
41	100		
39	56.2	42.6	64.0
67	108.5	77.5	116.3
52	39.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 18.728 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion:	62	Resp:	162223
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.8





#43

Isopropyl Acetate

Concen: 19.440 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

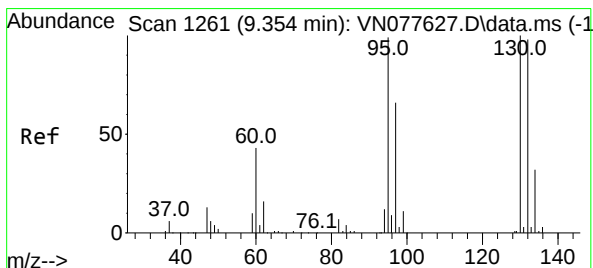
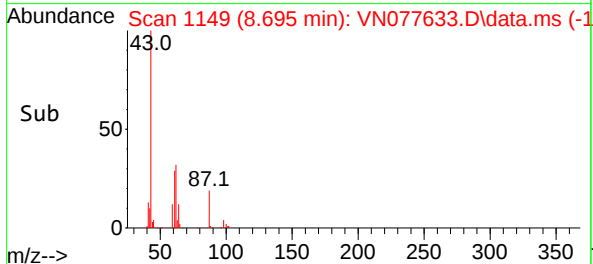
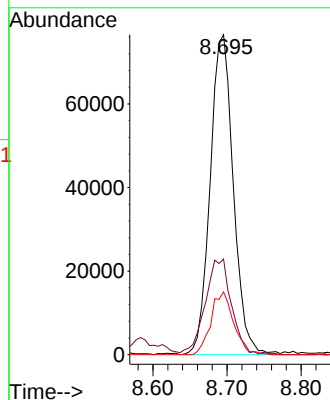
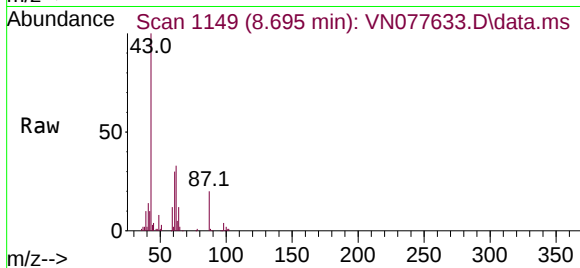
Tgt Ion: 43 Resp: 166414

Ion Ratio Lower Upper

43 100

61 33.1 24.7 37.1

87 19.4 14.6 21.8



#44

Trichloroethene

Concen: 18.211 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077633.D

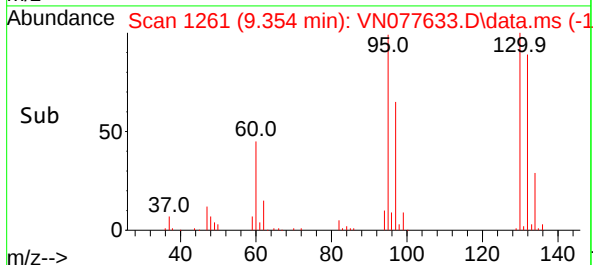
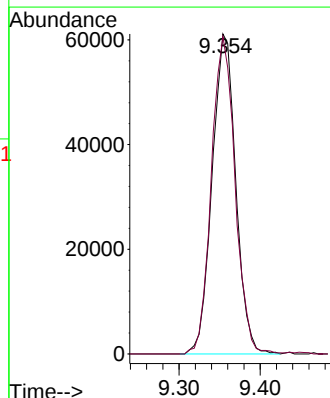
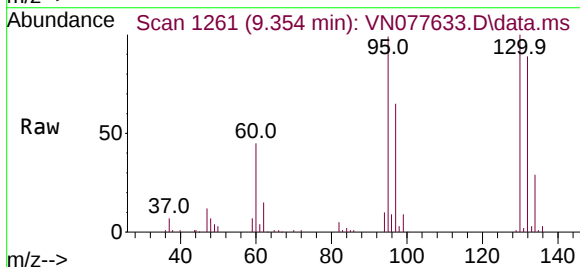
Acq: 09 May 2023 15:42

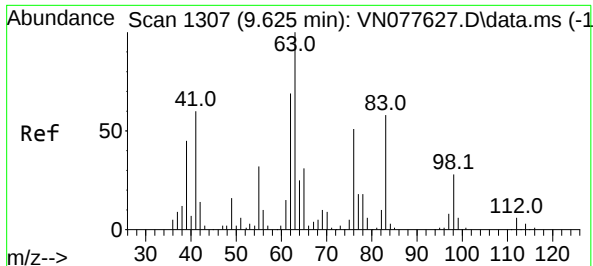
Tgt Ion:130 Resp: 123571

Ion Ratio Lower Upper

130 100

95 99.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.092 ug/l

RT: 9.619 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

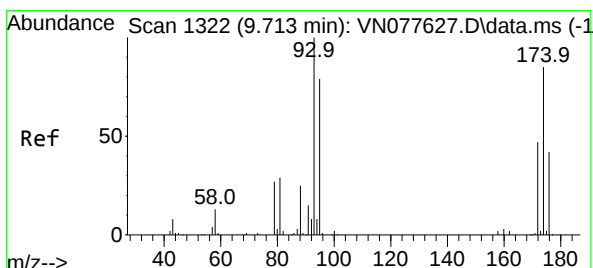
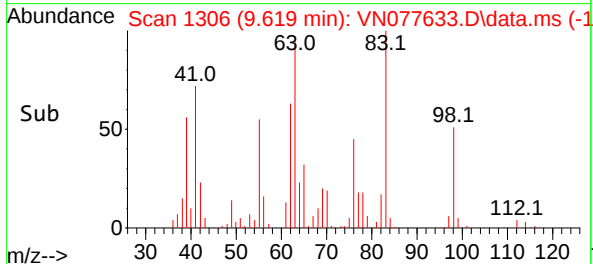
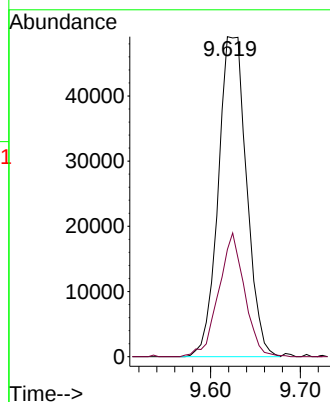
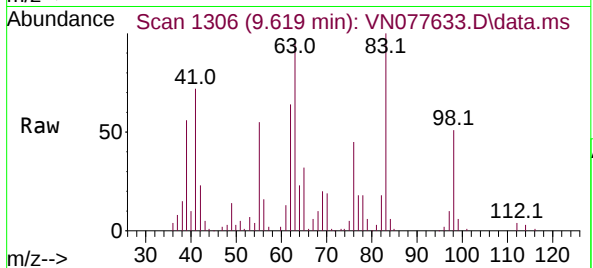
VN0509WBSD01

Tgt Ion: 63 Resp: 107459

Ion Ratio Lower Upper

63 100

65 33.5 23.9 35.9



#46

Dibromomethane

Concen: 19.190 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

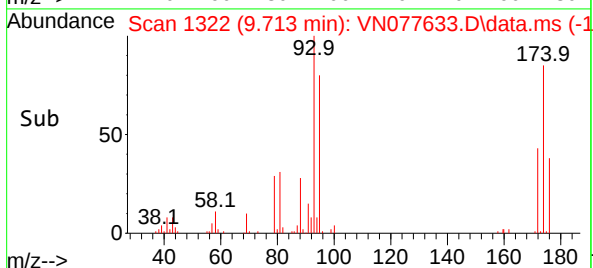
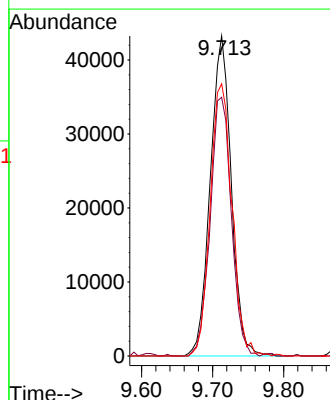
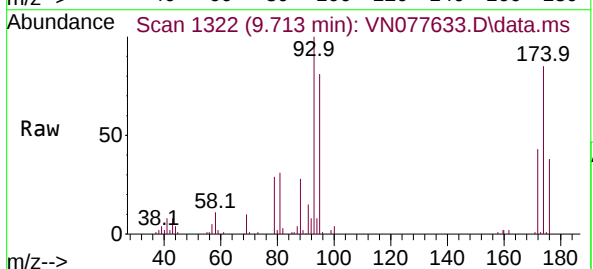
Tgt Ion: 93 Resp: 88665

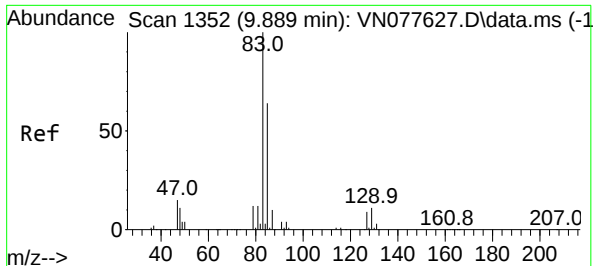
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

174 88.5 65.6 98.4





#47

Bromodichloromethane

Concen: 18.878 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

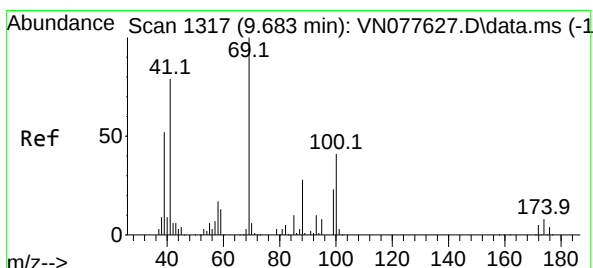
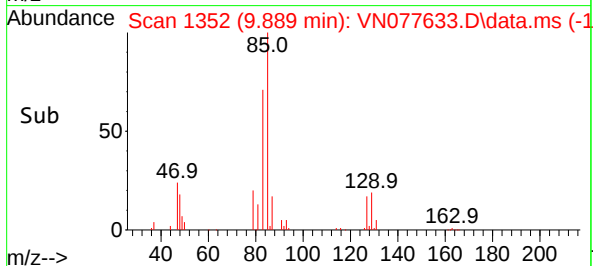
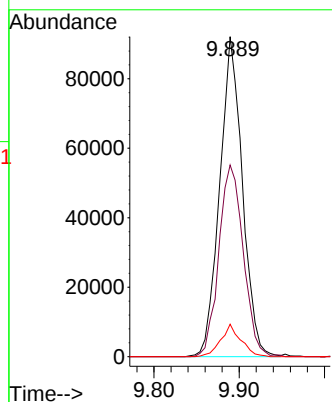
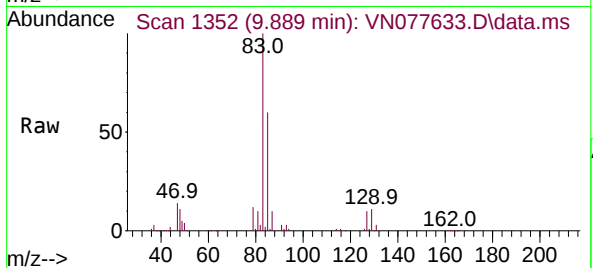
Tgt Ion: 83 Resp: 170355

Ion Ratio Lower Upper

83 100

85 59.9 49.6 74.4

127 10.1 7.0 10.6



#48

Methyl methacrylate

Concen: 18.882 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

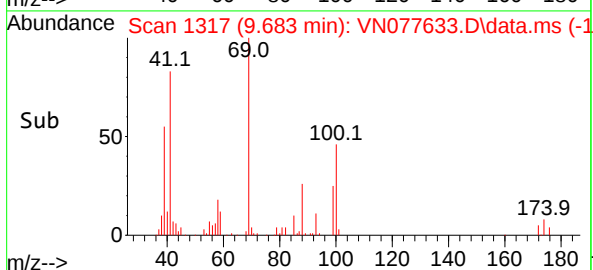
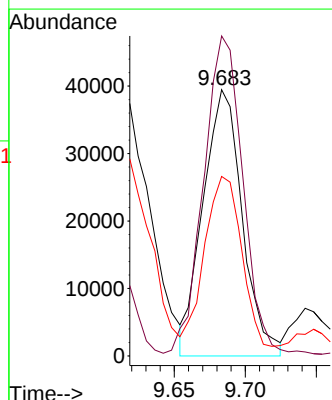
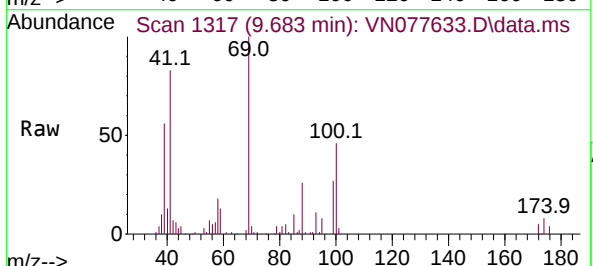
Tgt Ion: 41 Resp: 75863

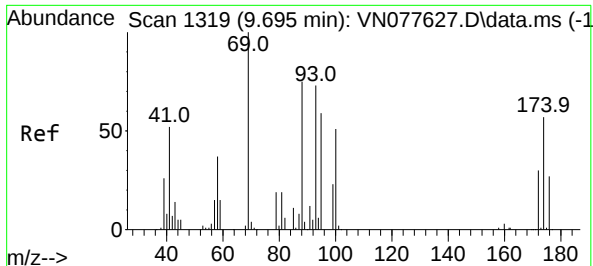
Ion Ratio Lower Upper

41 100

69 120.1 90.4 135.6

39 66.6 54.6 81.8





#49

1,4-Dioxane

Concen: 391.567 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

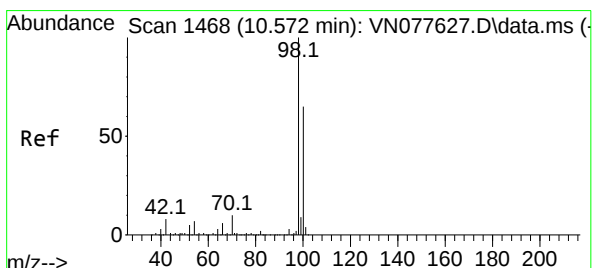
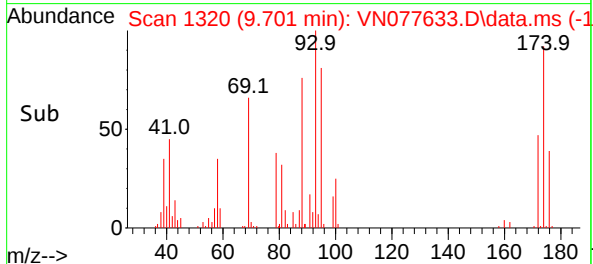
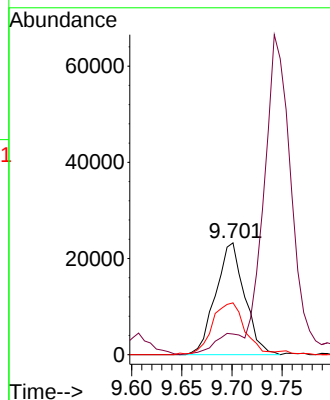
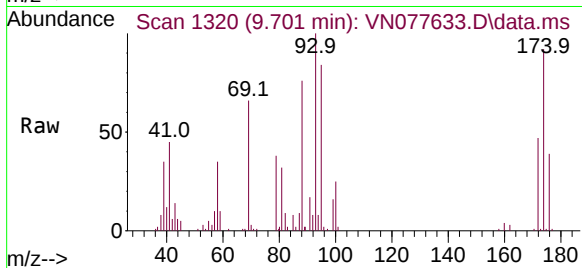
Tgt Ion: 88 Resp: 46788

Ion Ratio Lower Upper

88 100

43 16.9 17.0 25.6#

58 52.2 47.0 70.4



#50

Toluene-d8

Concen: 52.969 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077633.D

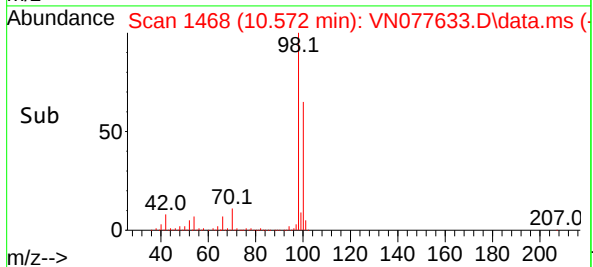
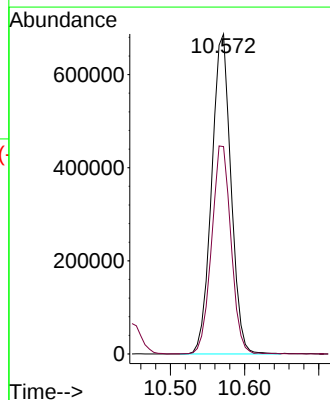
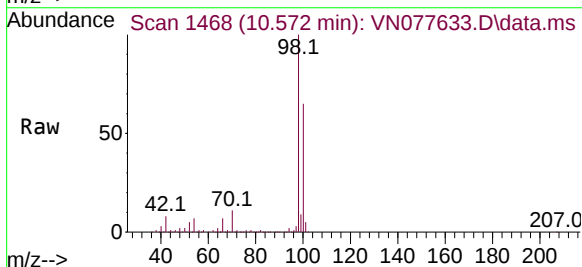
Acq: 09 May 2023 15:42

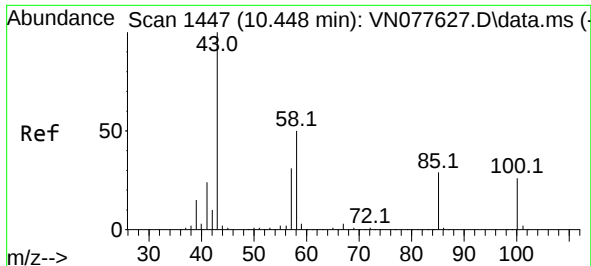
Tgt Ion: 98 Resp: 1240841

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

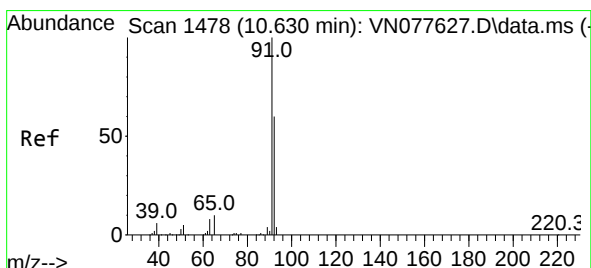
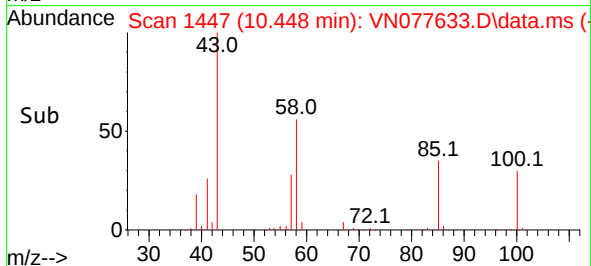
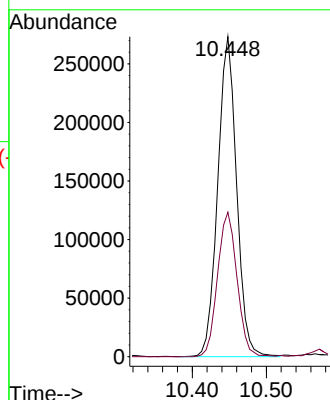
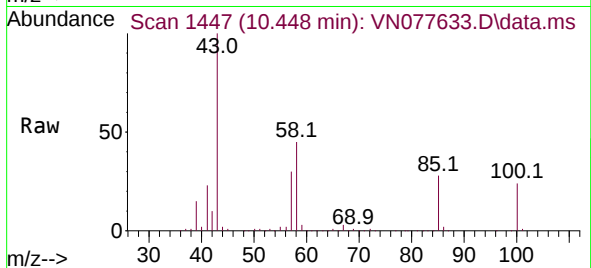




#51
4-Methyl-2-Pentanone
Concen: 95.966 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

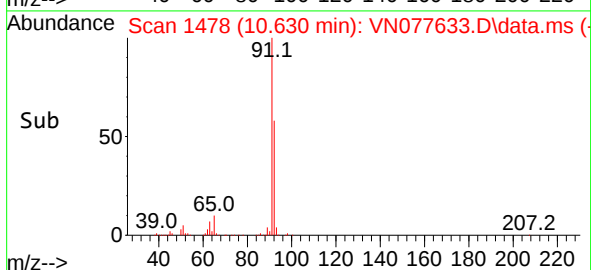
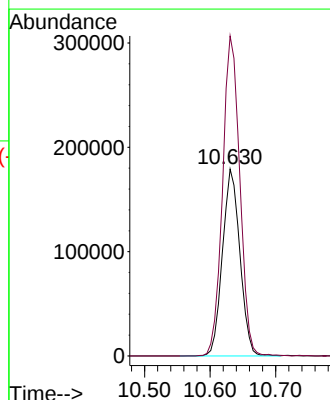
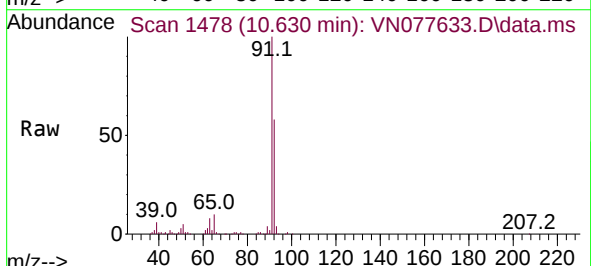
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

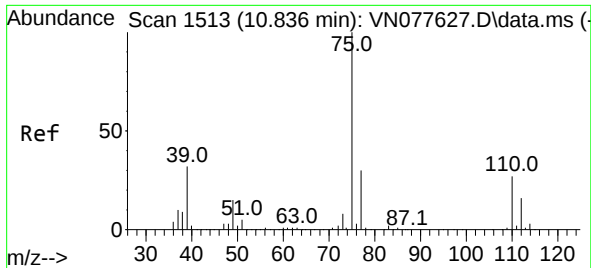
Tgt Ion: 43 Resp: 483299
Ion Ratio Lower Upper
43 100
58 46.6 36.6 54.8



#52
Toluene
Concen: 19.194 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 92 Resp: 329777
Ion Ratio Lower Upper
92 100
91 169.6 137.4 206.0

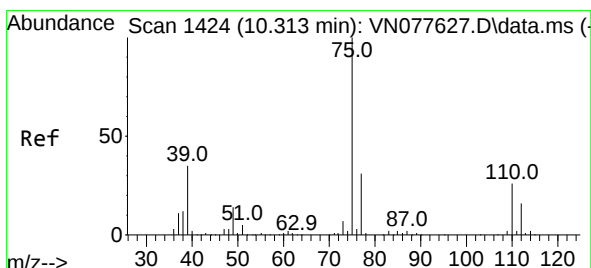
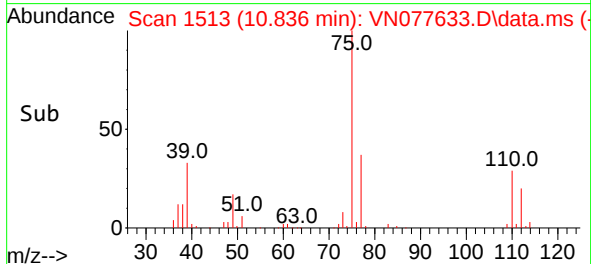
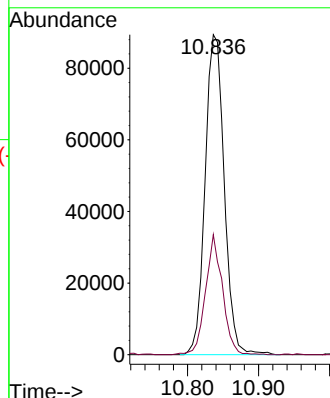
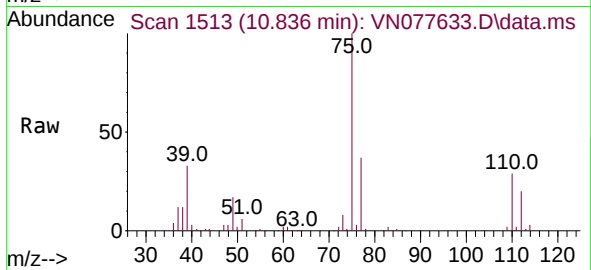




#53
 t-1,3-Dichloropropene
 Concen: 19.049 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077633.D
 Acq: 09 May 2023 15:42

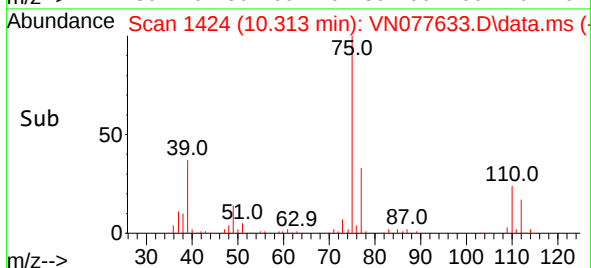
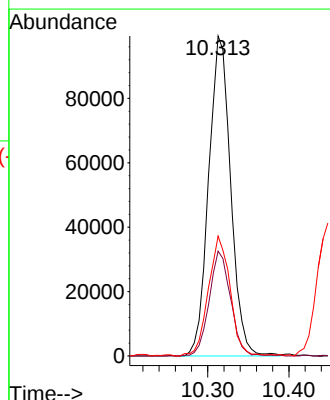
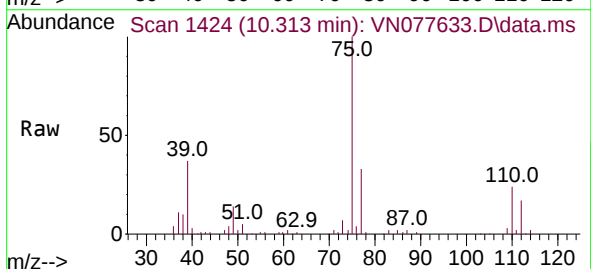
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD01

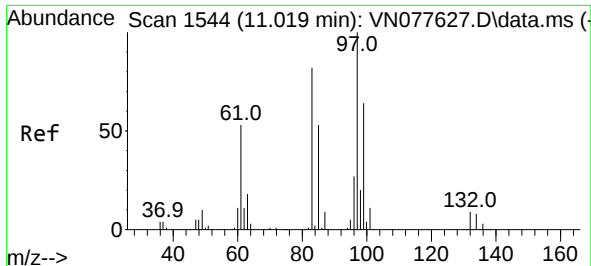
Tgt Ion: 75 Resp: 167483
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.701 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077633.D
 Acq: 09 May 2023 15:42

Tgt Ion: 75 Resp: 187072
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.1 39.1
 39 37.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 18.825 ug/l

RT: 11.019 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

Tgt Ion: 97 Resp: 125412

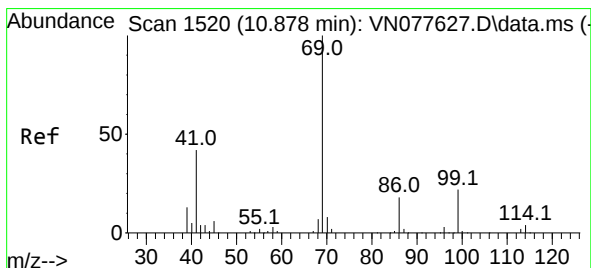
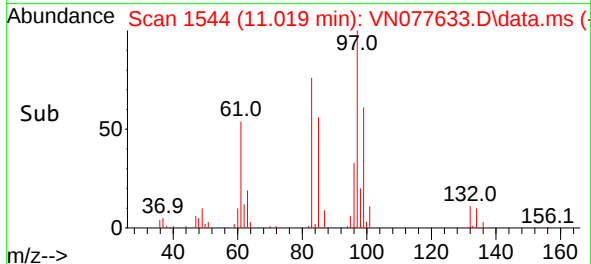
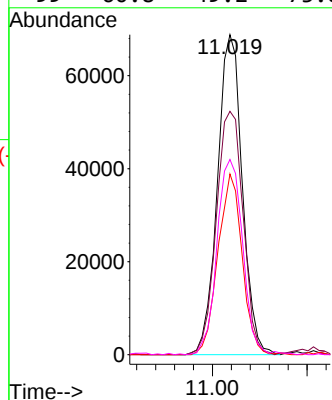
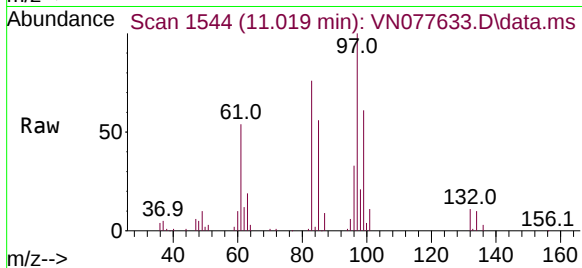
Ion Ratio Lower Upper

97 100

83 76.1 65.1 97.7

85 56.4 43.4 65.2

99 60.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.321 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.001 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

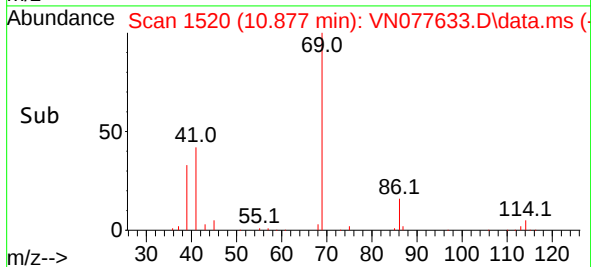
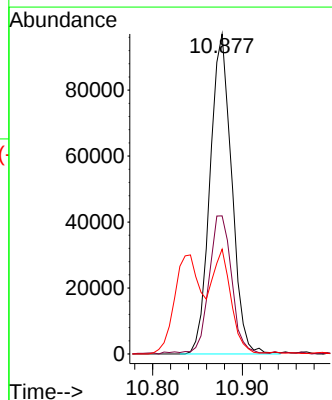
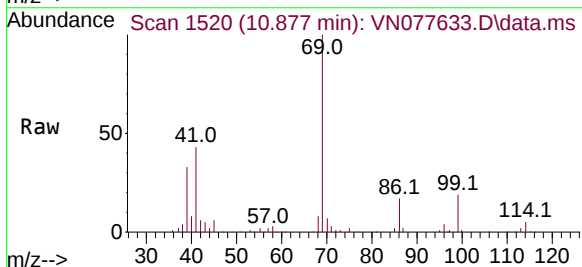
Tgt Ion: 69 Resp: 162321

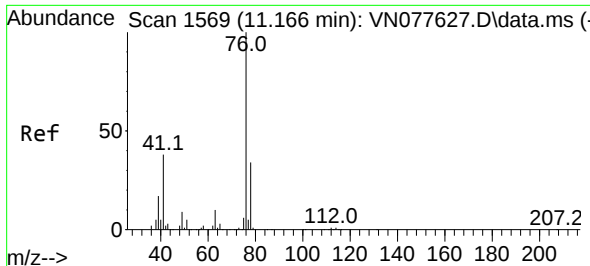
Ion Ratio Lower Upper

69 100

41 45.9 39.6 59.4

39 27.9 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 18.801 ug/l

RT: 11.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

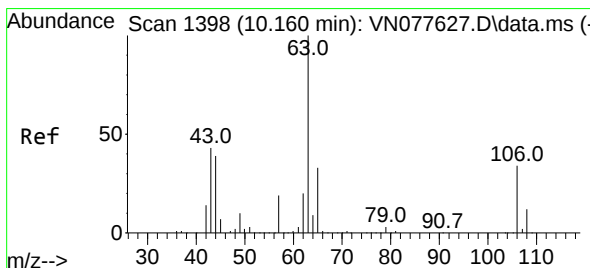
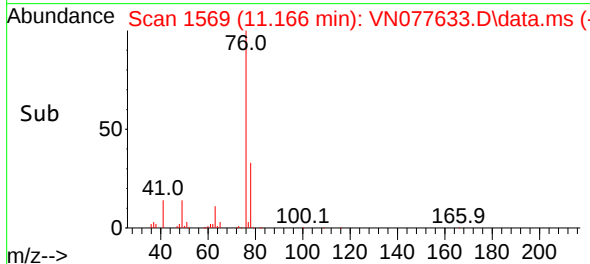
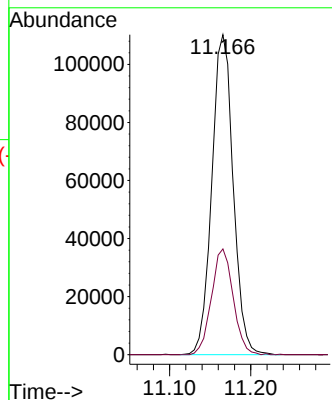
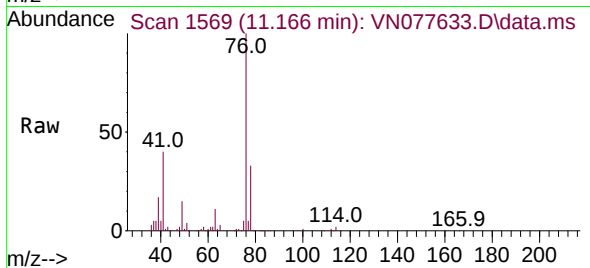
VN0509WBSD01

Tgt Ion: 76 Resp: 201339

Ion Ratio Lower Upper

76 100

78 33.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 116.360 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077633.D

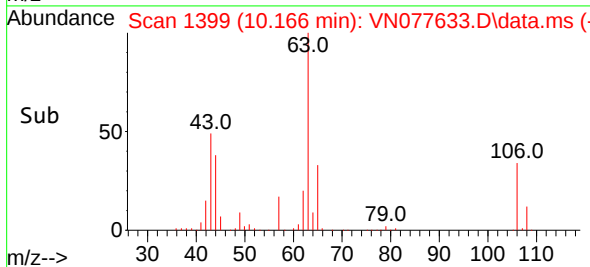
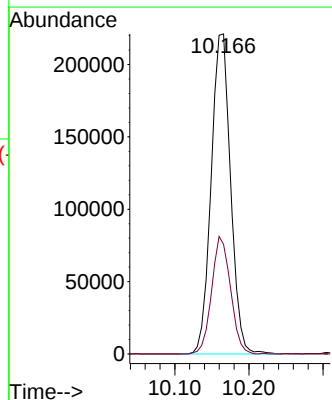
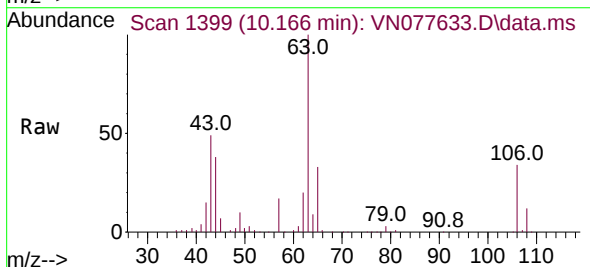
Acq: 09 May 2023 15:42

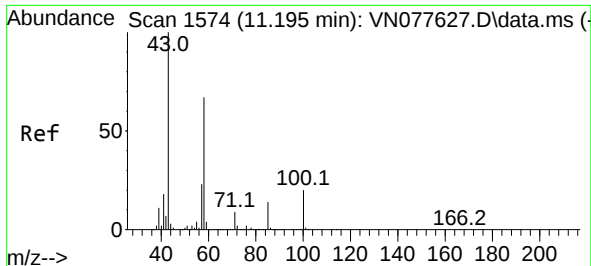
Tgt Ion: 63 Resp: 403049

Ion Ratio Lower Upper

63 100

106 35.6 26.2 39.4

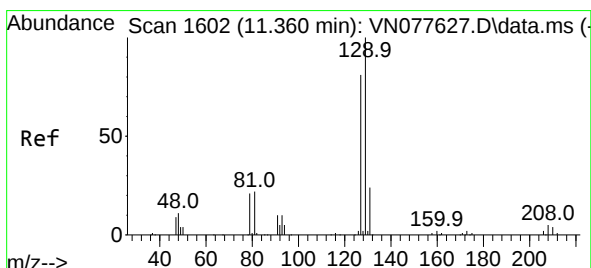
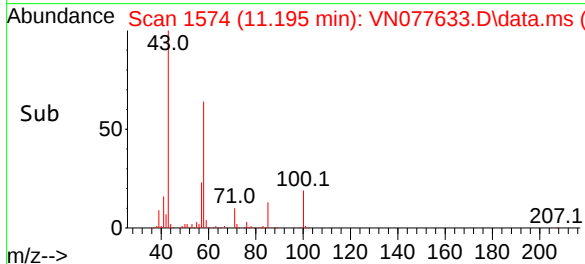
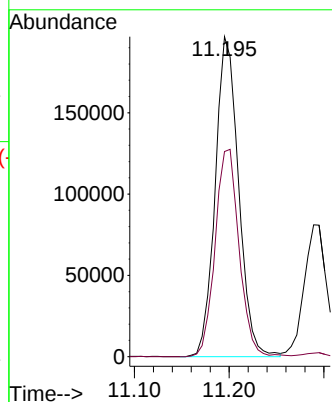
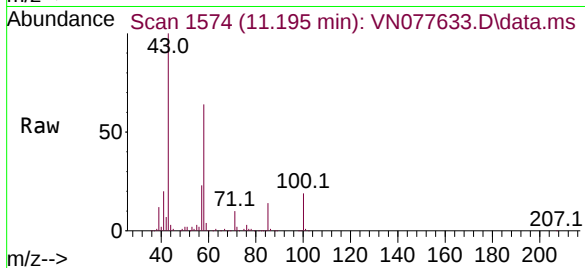




#59
2-Hexanone
Concen: 94.805 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

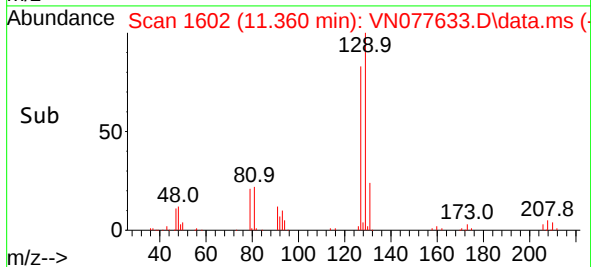
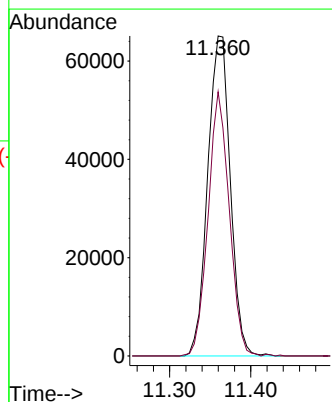
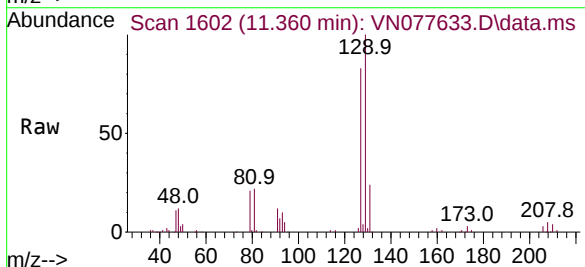
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

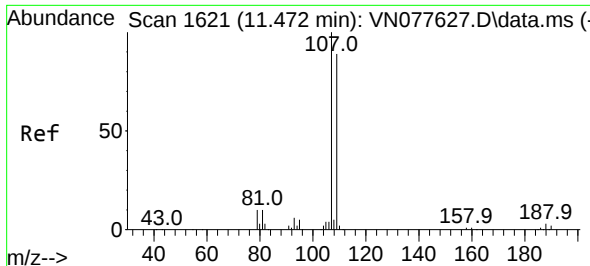
Tgt Ion: 43 Resp: 337447
Ion Ratio Lower Upper
43 100
58 66.5 31.7 95.1



#60
Dibromochloromethane
Concen: 19.008 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 129 Resp: 125704
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

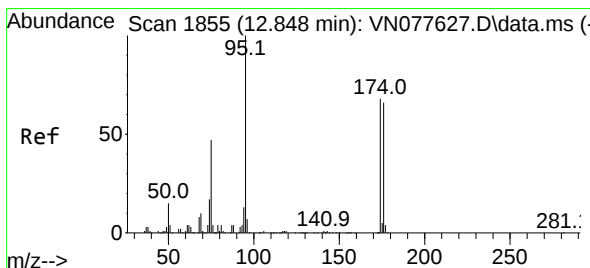
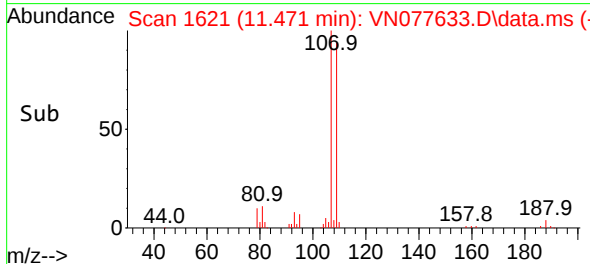
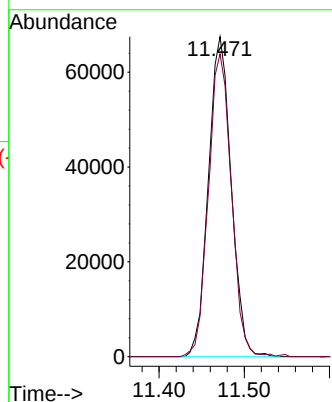
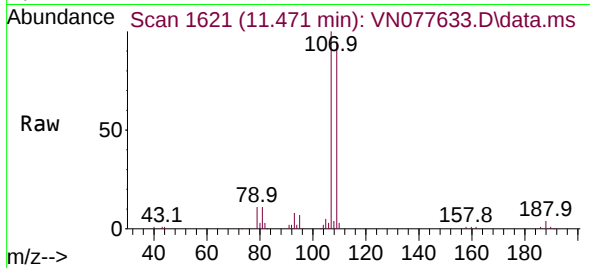




#61
1,2-Dibromoethane
Concen: 19.140 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

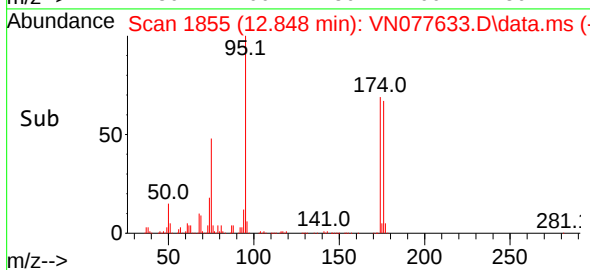
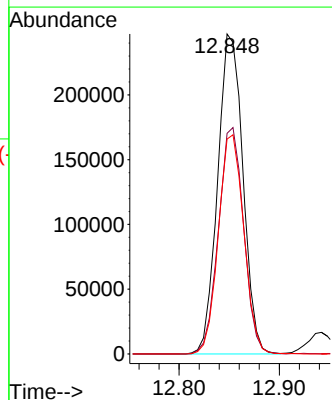
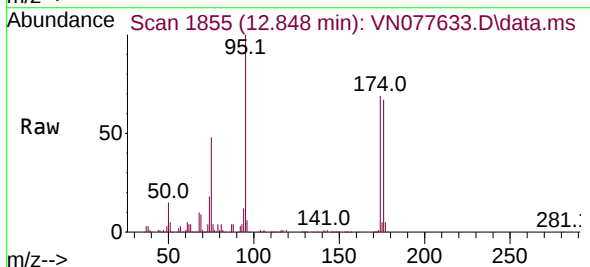
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

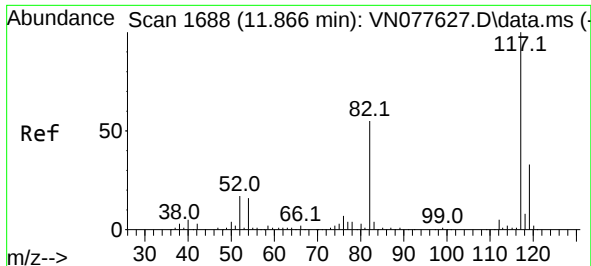
Tgt Ion:107 Resp: 125359
Ion Ratio Lower Upper
107 100
109 95.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.481 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 95 Resp: 431664
Ion Ratio Lower Upper
95 100
174 70.3 0.0 143.8
176 68.8 0.0 135.8

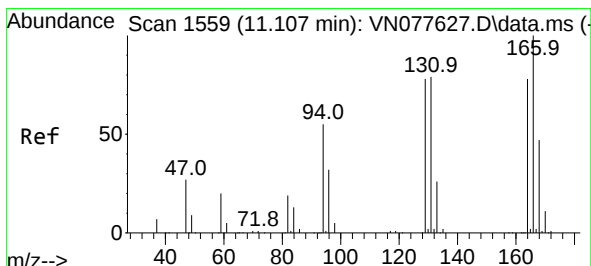
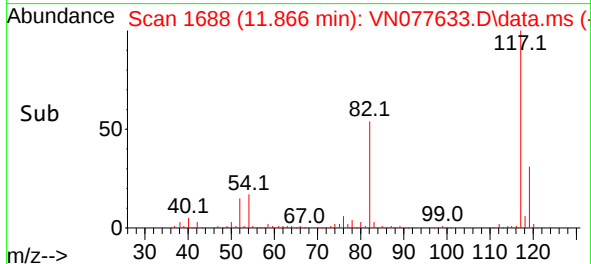
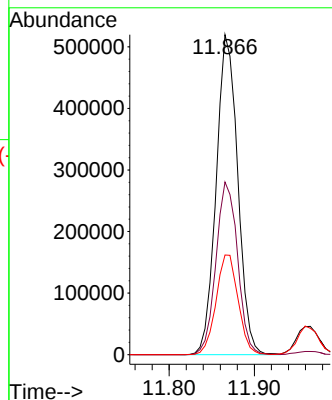
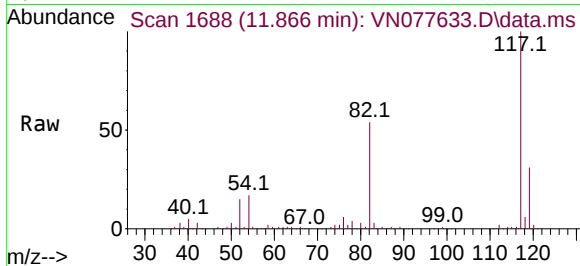




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

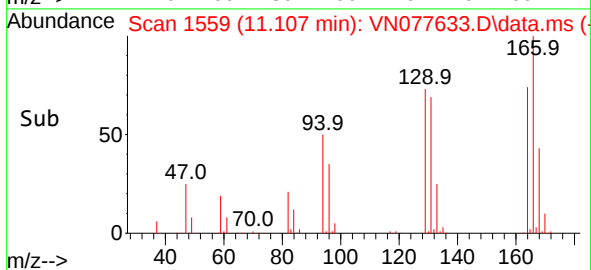
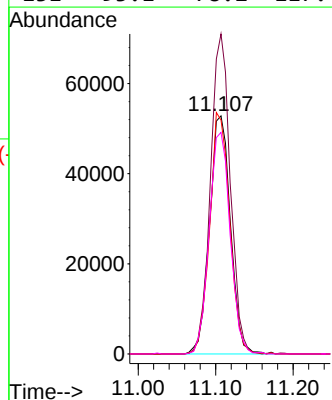
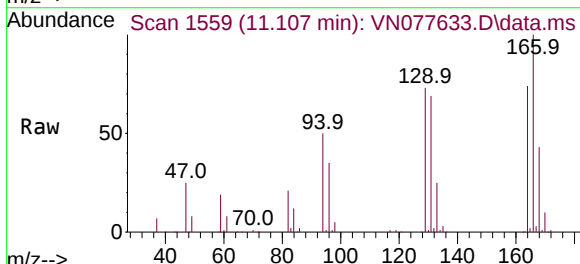
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

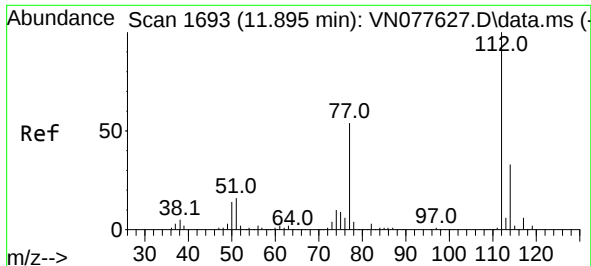
Tgt Ion:117 Resp: 915595
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 31.2 25.6 38.4



#64
Tetrachloroethene
Concen: 18.159 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion:164 Resp: 98952
Ion Ratio Lower Upper
164 100
166 134.4 101.4 152.0
129 98.3 82.4 123.6
131 93.1 78.2 117.4

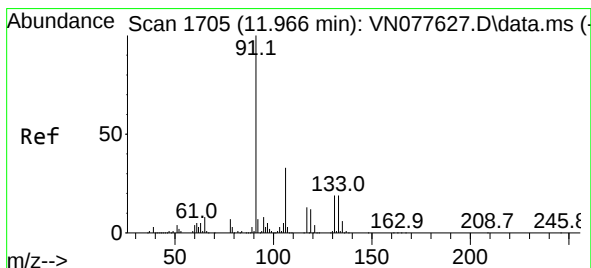
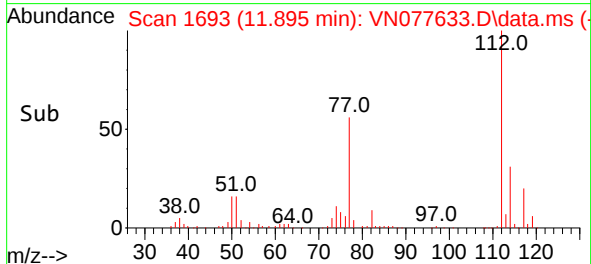
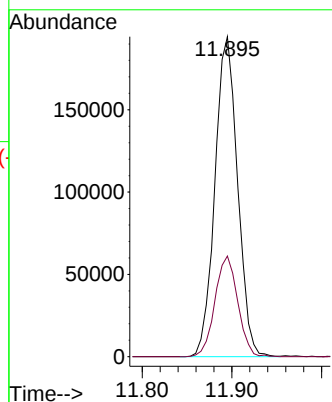
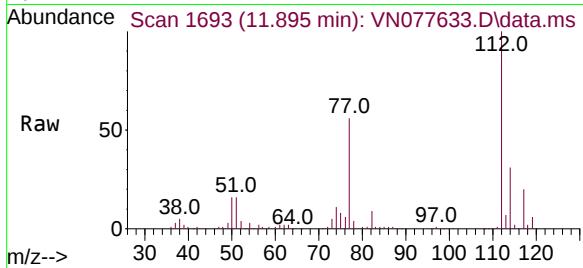




#65
Chlorobenzene
Concen: 18.104 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

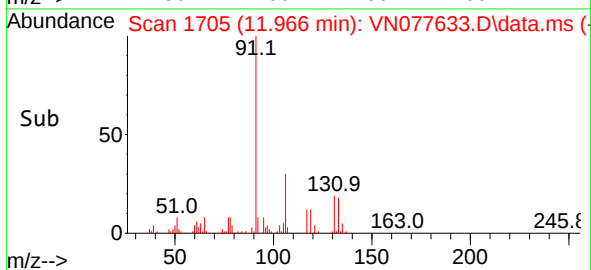
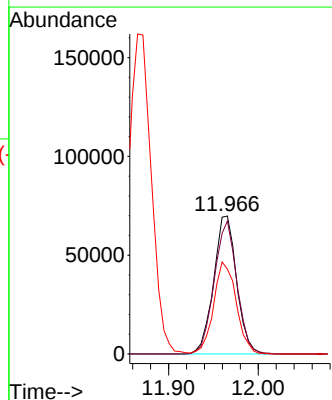
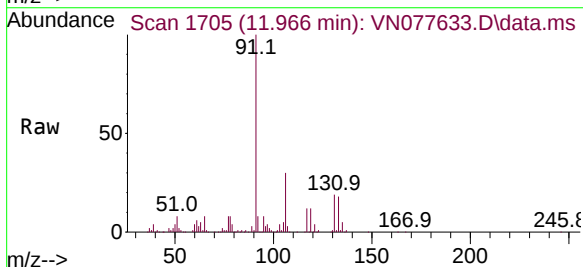
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

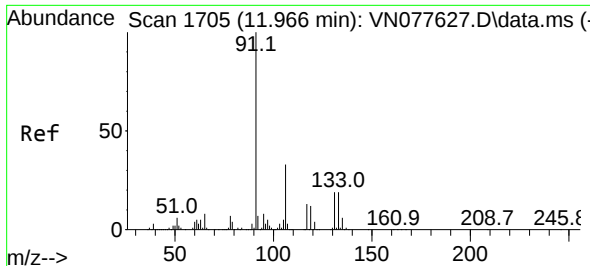
Tgt Ion:112 Resp: 340723
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.299 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion:131 Resp: 124076
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 65.8 34.1 102.2

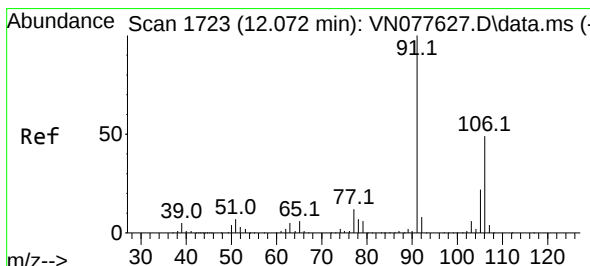
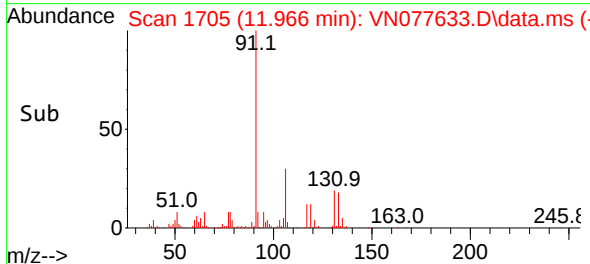
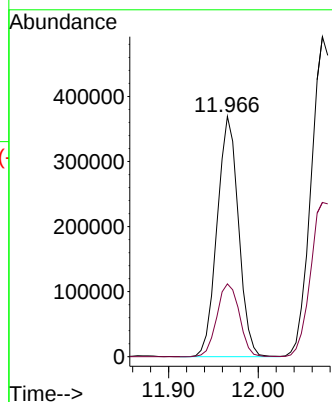
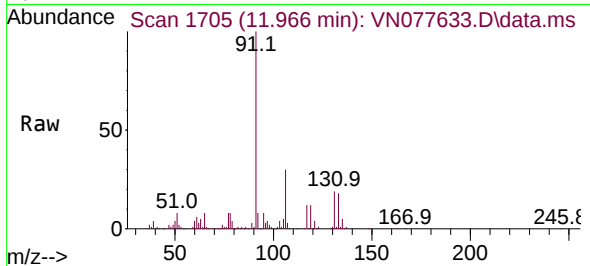




#67
Ethyl Benzene
Concen: 18.479 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

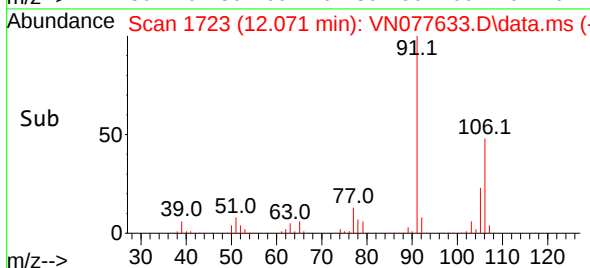
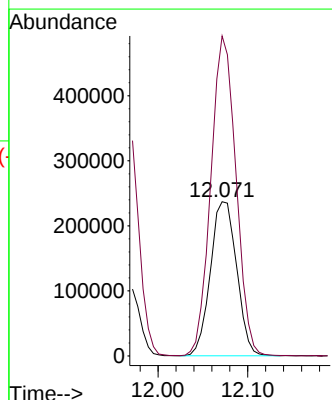
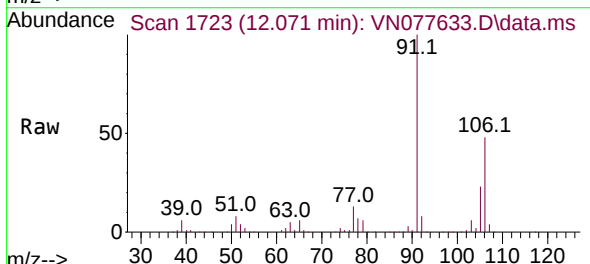
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

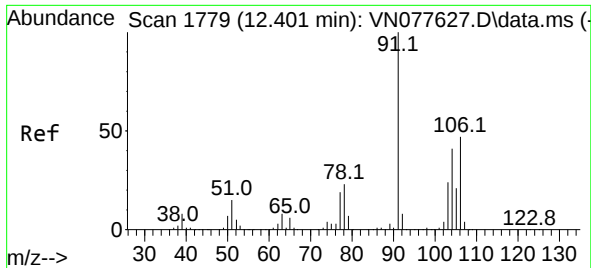
Tgt Ion: 91 Resp: 610565
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4



#68
m/p-Xylenes
Concen: 36.858 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion:106 Resp: 482185
Ion Ratio Lower Upper
106 100
91 198.7 159.6 239.4

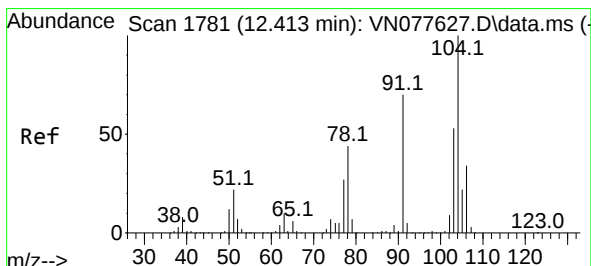
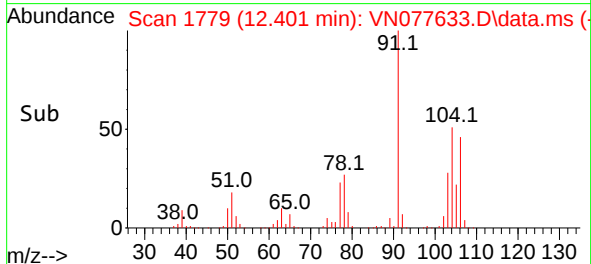
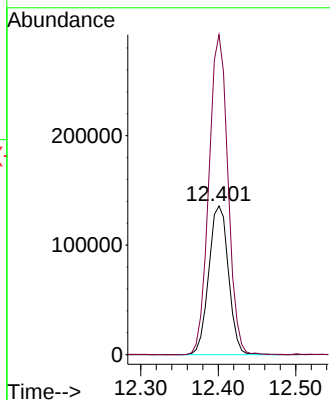
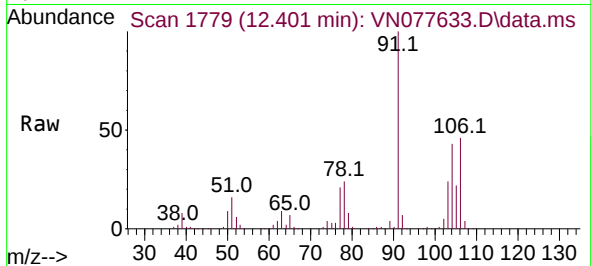




#69
o-Xylene
Concen: 18.269 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

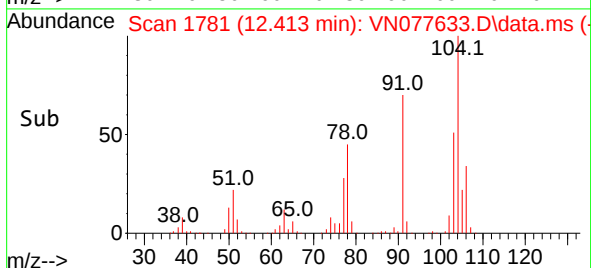
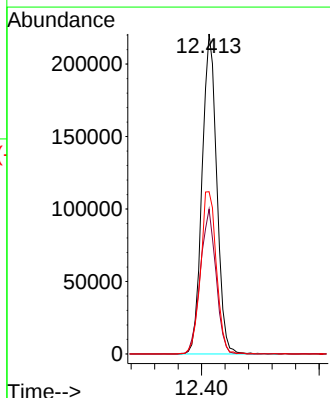
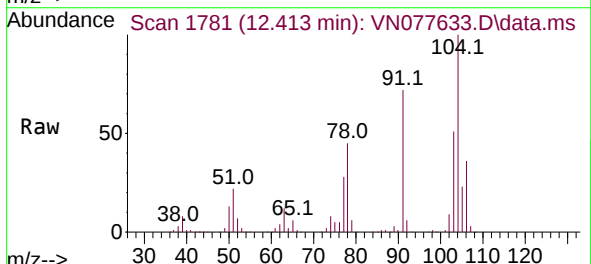
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

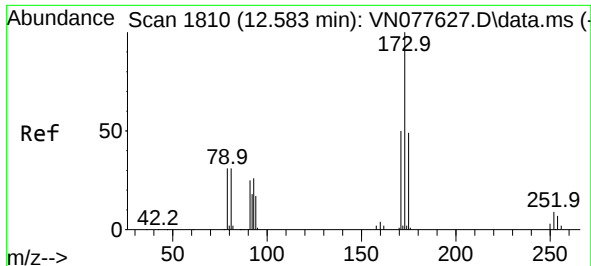
Tgt Ion:106 Resp: 239558
Ion Ratio Lower Upper
106 100
91 208.3 105.2 315.5



#70
Styrene
Concen: 19.021 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion:104 Resp: 381983
Ion Ratio Lower Upper
104 100
78 48.1 39.5 59.3
103 54.7 43.2 64.8

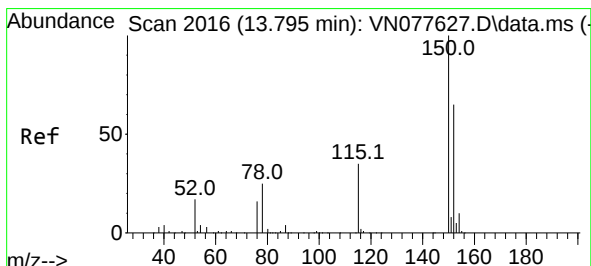
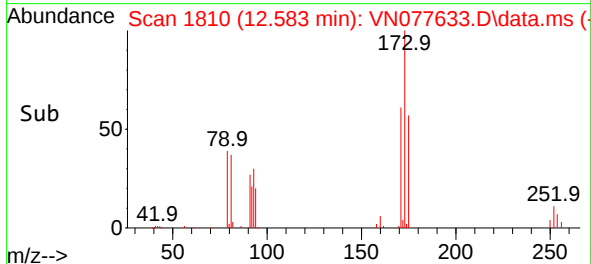
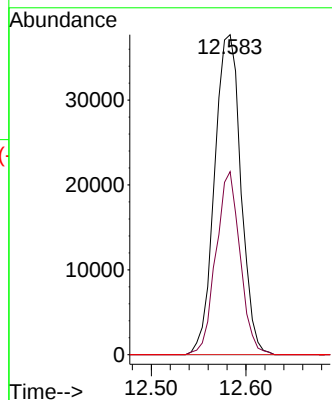
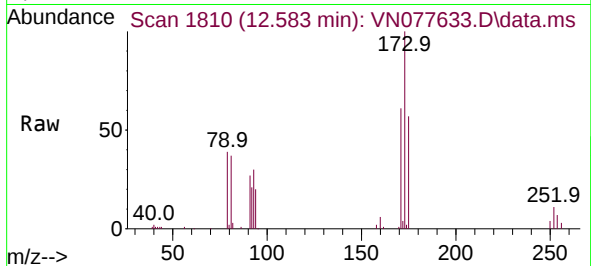




#71
Bromoform
Concen: 17.708 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

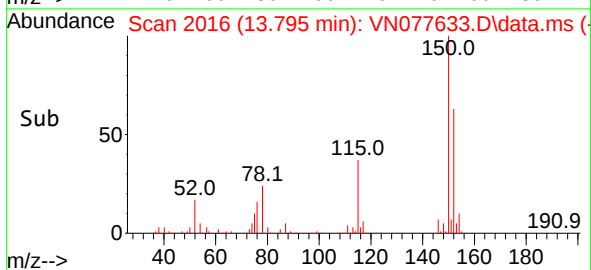
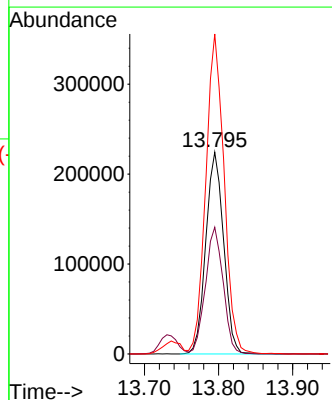
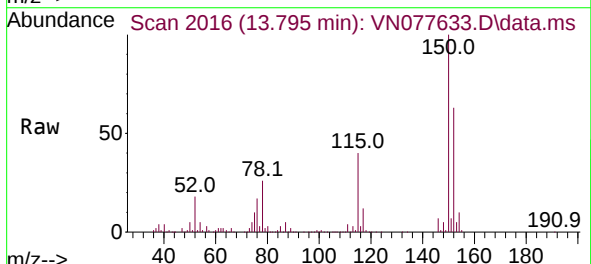
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

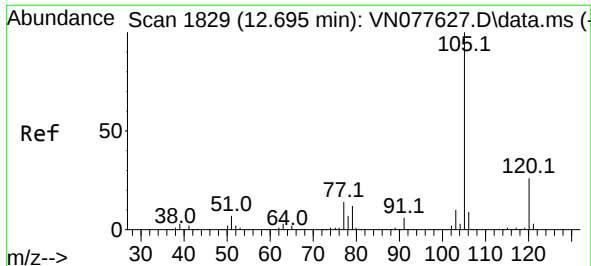
Tgt Ion:173 Resp: 72865
Ion Ratio Lower Upper
173 100
175 52.6 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion:152 Resp: 375267
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 162.4 0.0 355.8

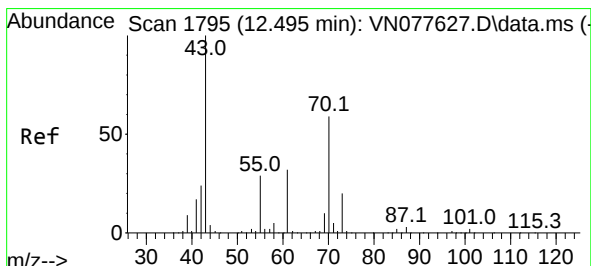
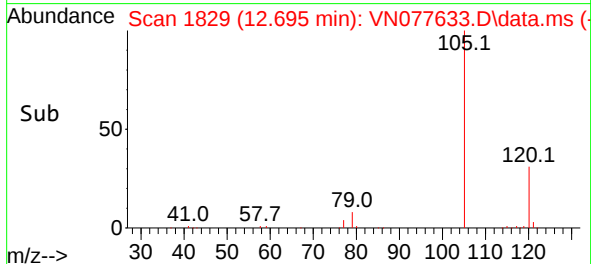
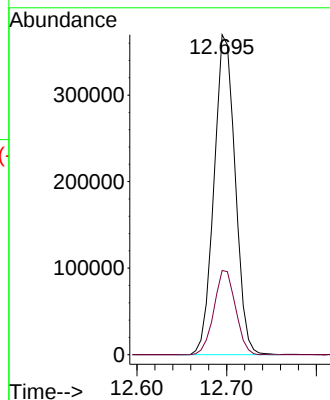
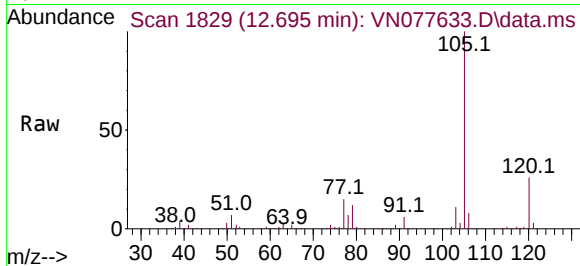




#73
Isopropylbenzene
Concen: 18.090 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

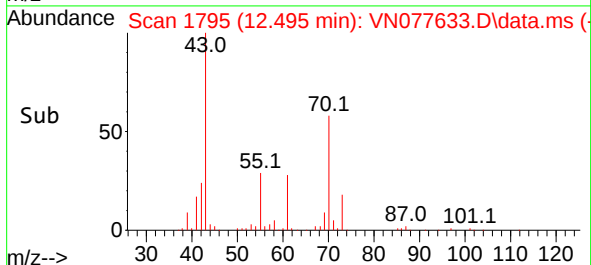
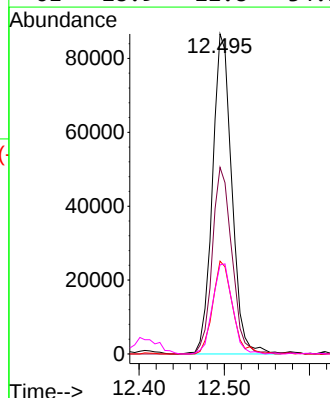
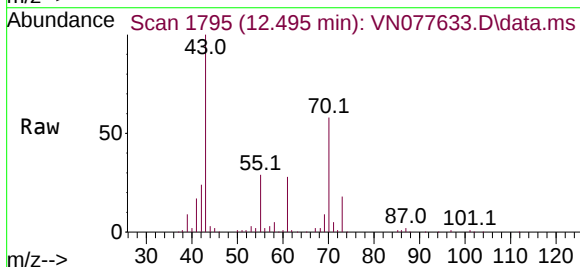
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

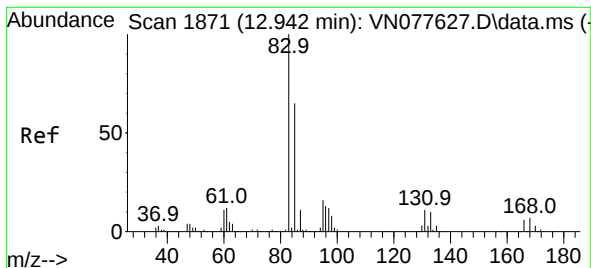
Tgt Ion:105 Resp: 605593
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#74
N-ethyl acetate
Concen: 18.504 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 43 Resp: 136710
Ion Ratio Lower Upper
43 100
70 59.2 43.4 65.2
55 29.6 21.4 32.0
61 28.9 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.046 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

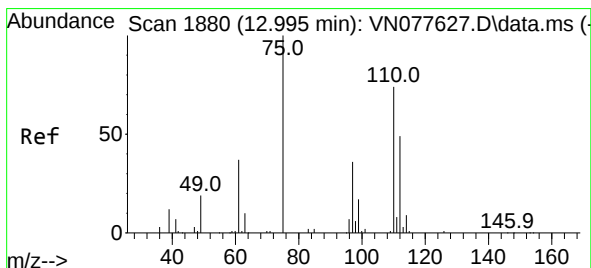
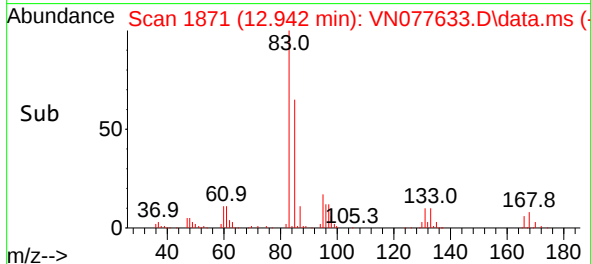
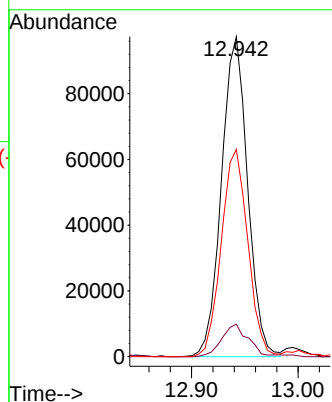
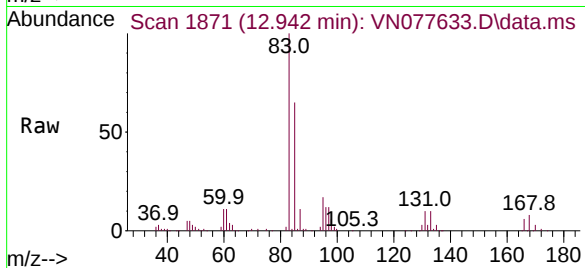
Tgt Ion: 83 Resp: 166073

Ion Ratio Lower Upper

83 100

131 10.6 5.0 15.0

85 65.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 25.131 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077633.D

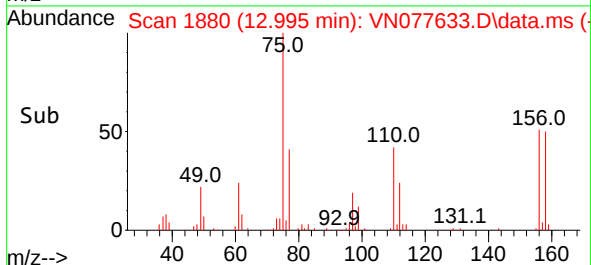
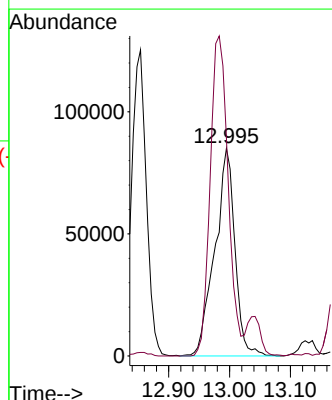
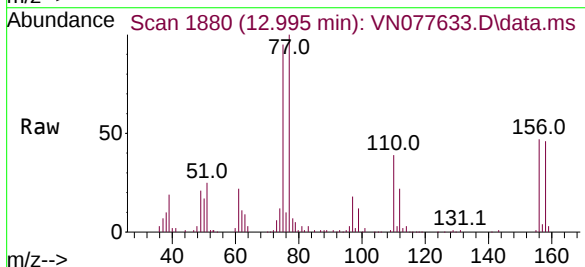
Acq: 09 May 2023 15:42

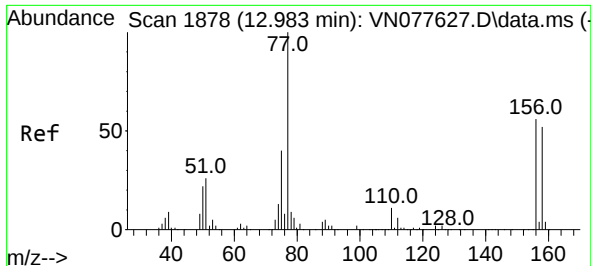
Tgt Ion: 75 Resp: 194622

Ion Ratio Lower Upper

75 100

77 137.5 84.5 253.5

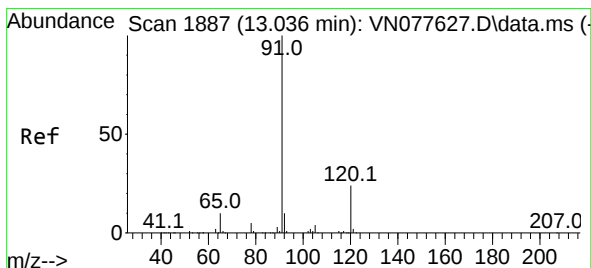
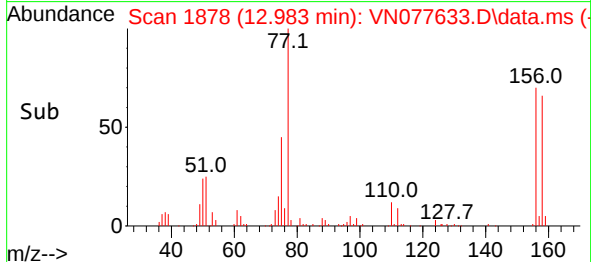
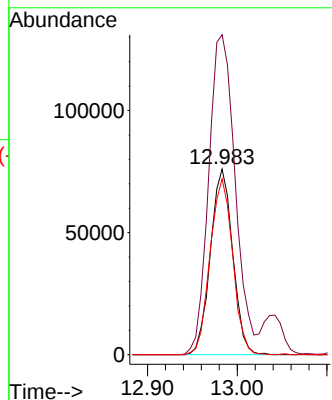
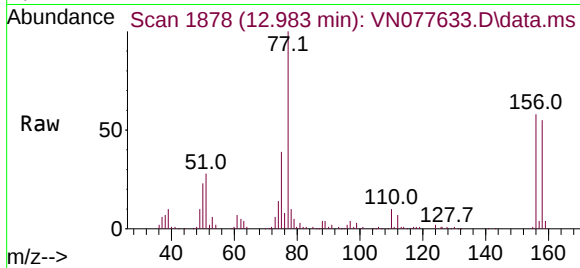




#77
Bromobenzene
Concen: 17.657 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

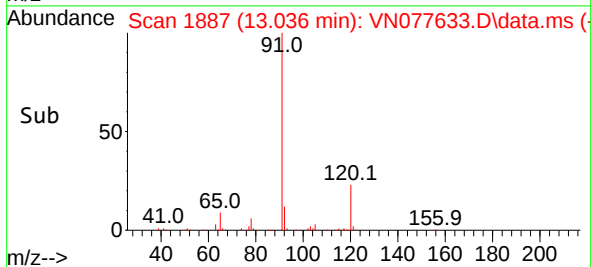
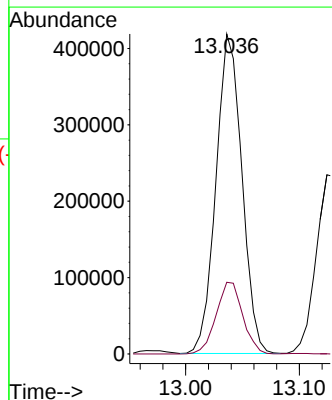
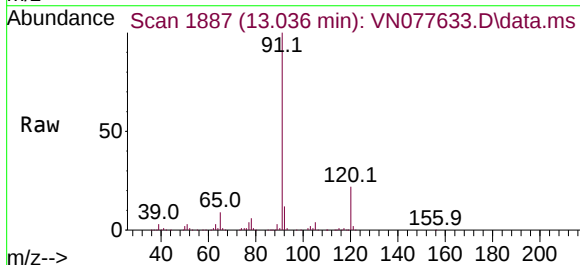
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

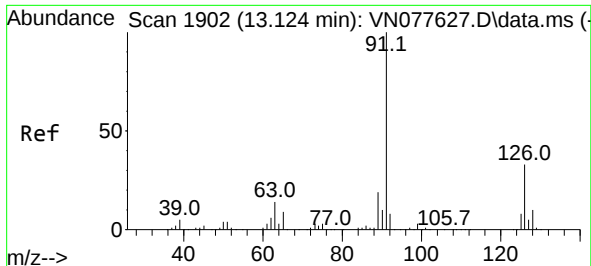
Tgt Ion:156 Resp: 130909
Ion Ratio Lower Upper
156 100
77 204.3 107.7 323.3
158 96.1 48.4 145.3



#78
n-propylbenzene
Concen: 18.461 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 91 Resp: 663384
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.032 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

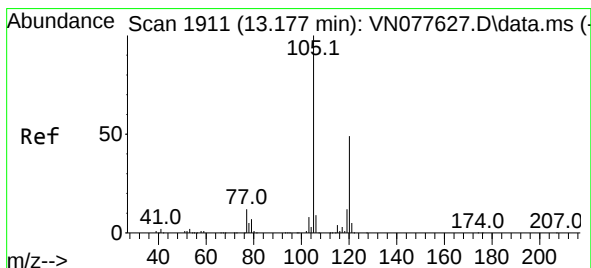
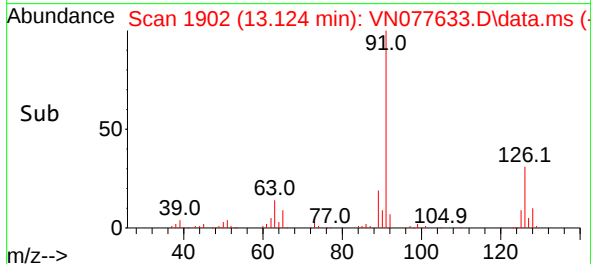
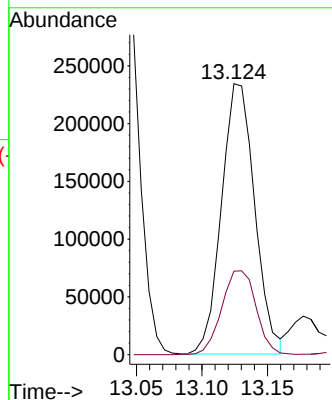
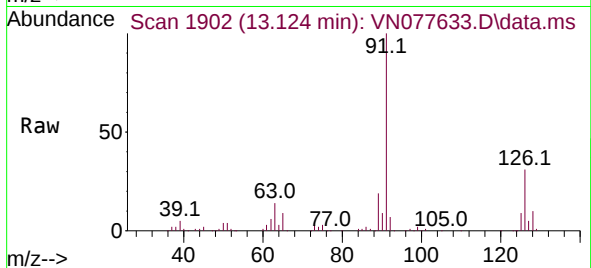
VN0509WBSD01

Tgt Ion: 91 Resp: 412710

Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.017 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077633.D

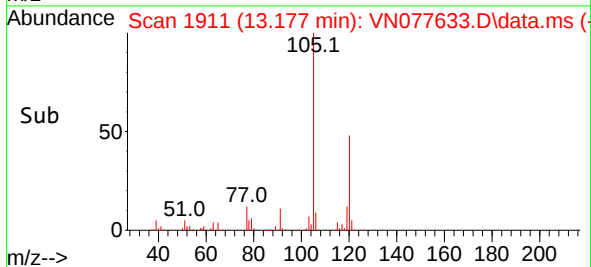
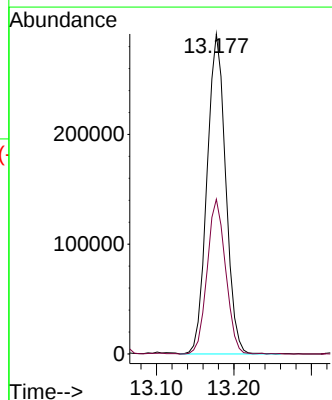
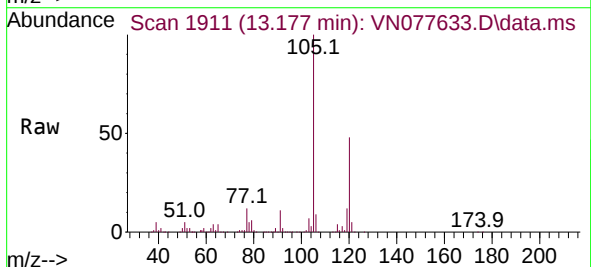
Acq: 09 May 2023 15:42

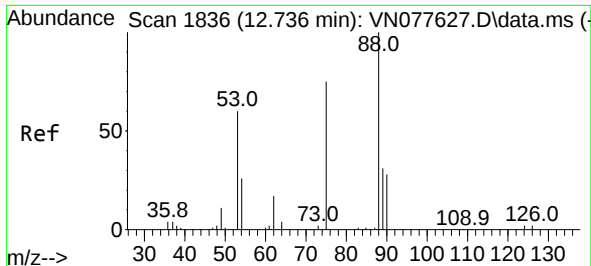
Tgt Ion: 105 Resp: 487053

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.3

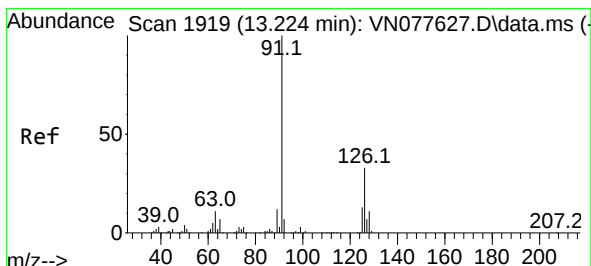
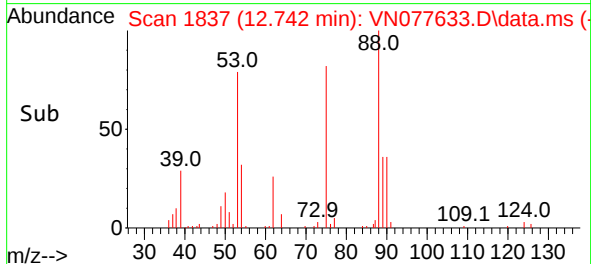
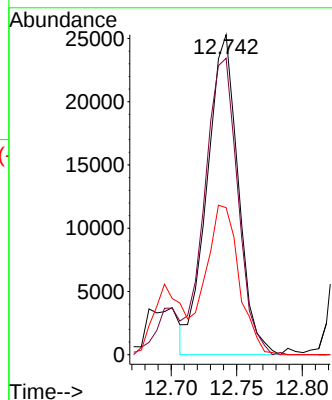
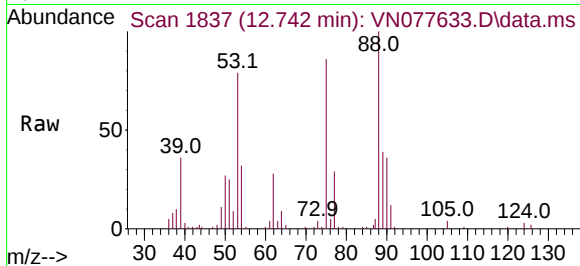




#81
trans-1,4-Dichloro-2-butene
Concen: 17.237 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

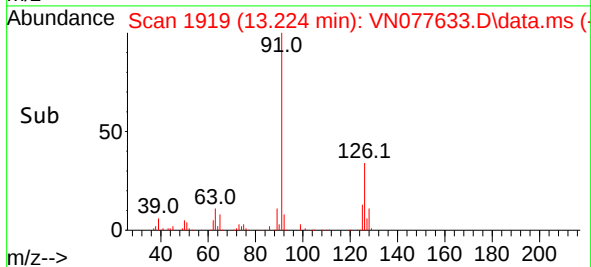
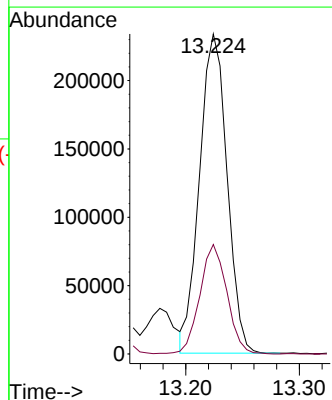
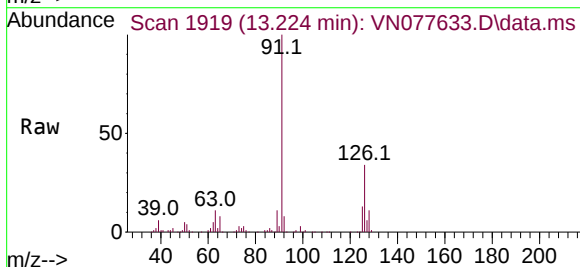
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

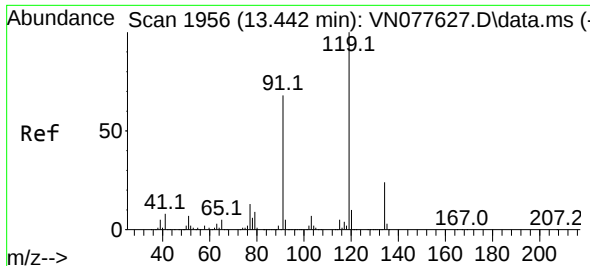
Tgt Ion: 75 Resp: 41922
Ion Ratio Lower Upper
75 100
53 98.6 67.4 101.2
89 49.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.316 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion: 91 Resp: 393143
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0

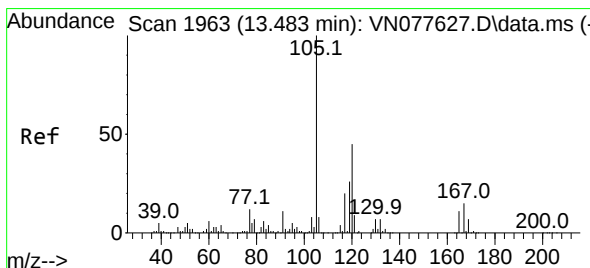
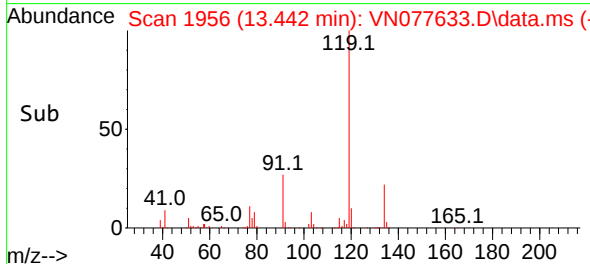
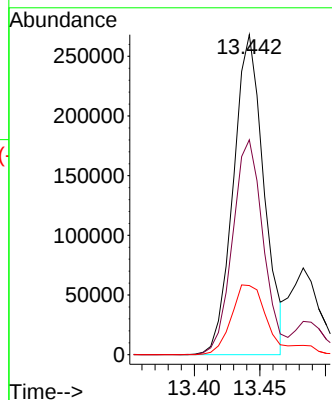
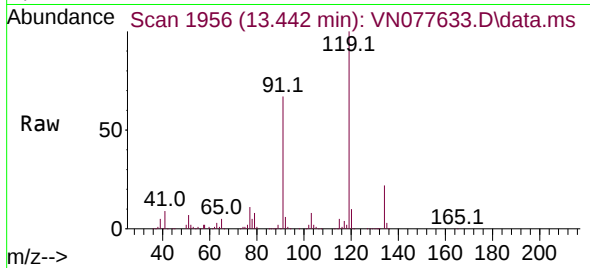




#83
tert-Butylbenzene
Concen: 18.066 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

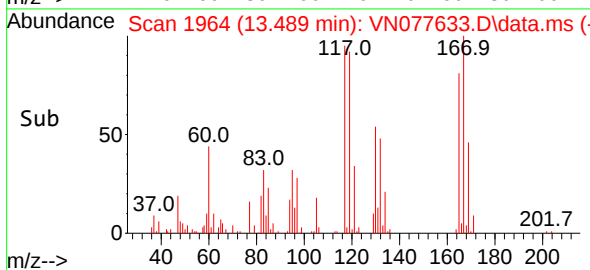
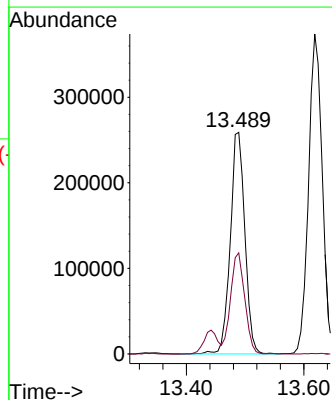
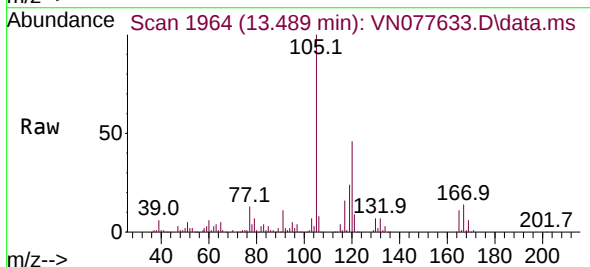
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

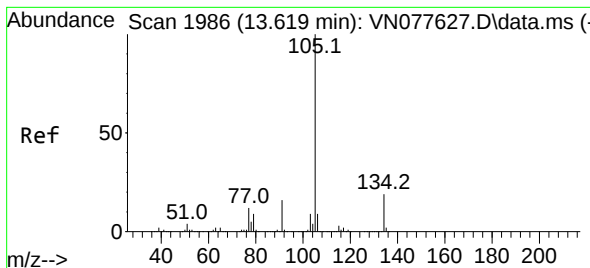
Tgt Ion:119 Resp: 434790
Ion Ratio Lower Upper
119 100
91 68.0 33.9 101.7
134 27.0 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 18.509 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion:105 Resp: 445478
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.598 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

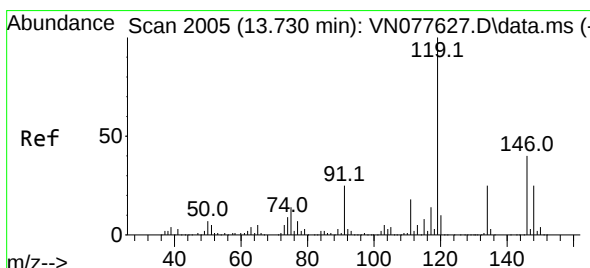
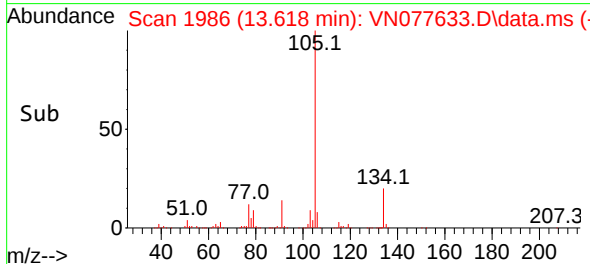
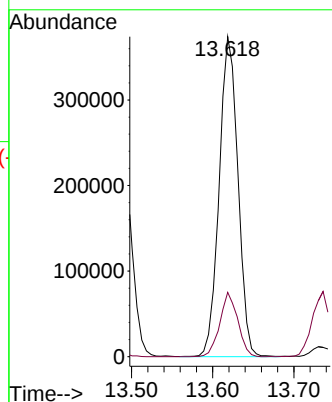
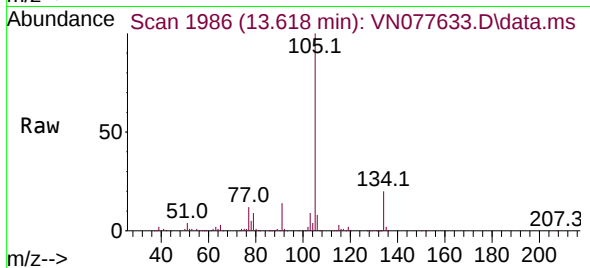
VN0509WBSD01

Tgt Ion:105 Resp: 602514

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.543 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

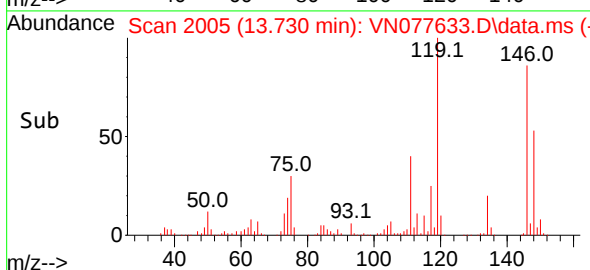
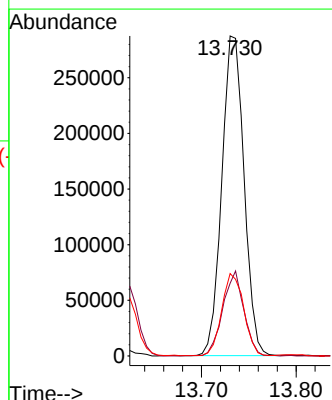
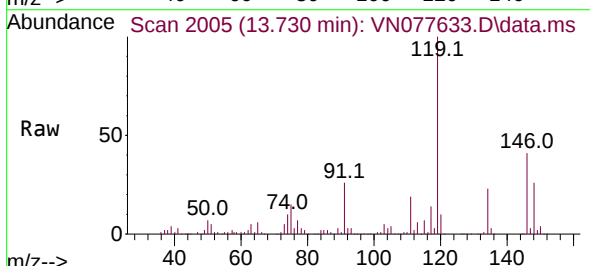
Tgt Ion:119 Resp: 469737

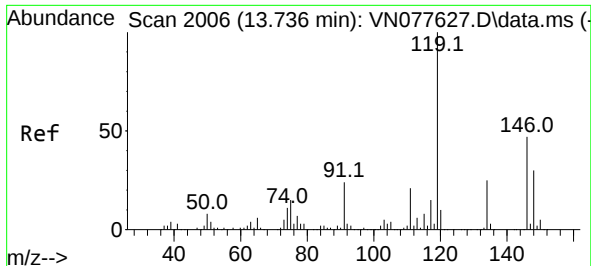
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 25.3 12.4 37.2

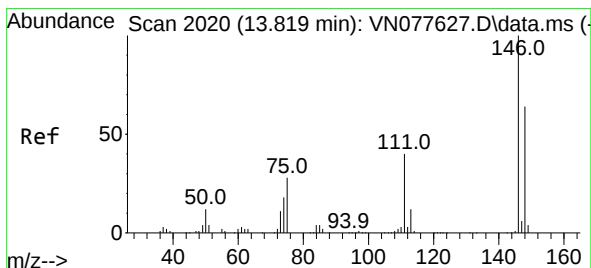
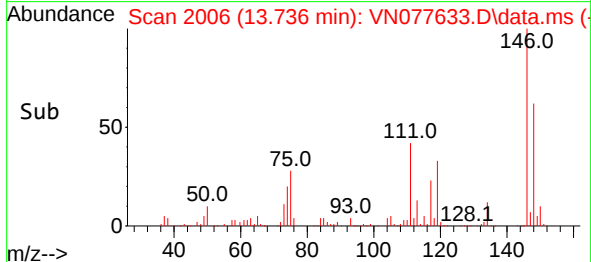
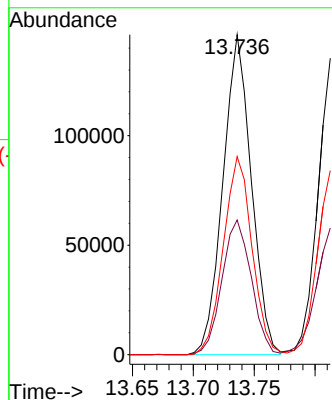
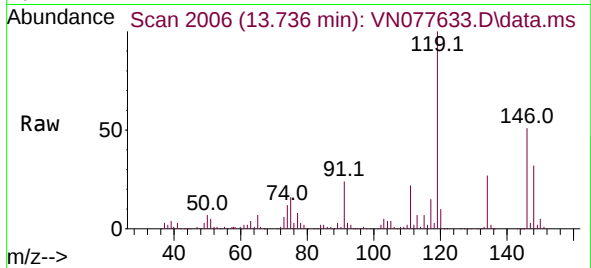




#87
1,3-Dichlorobenzene
Concen: 18.401 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

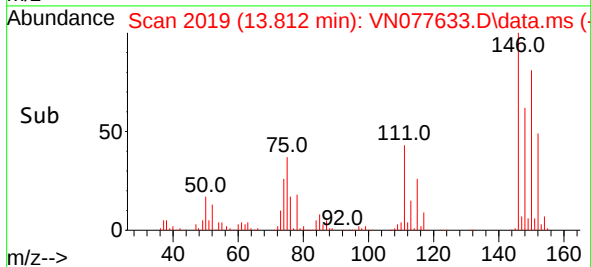
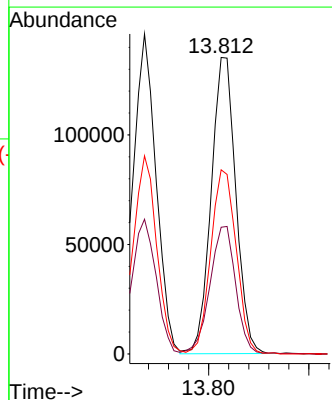
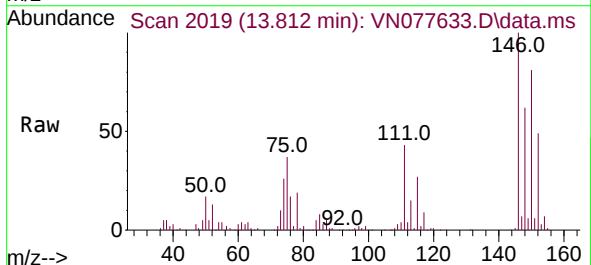
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

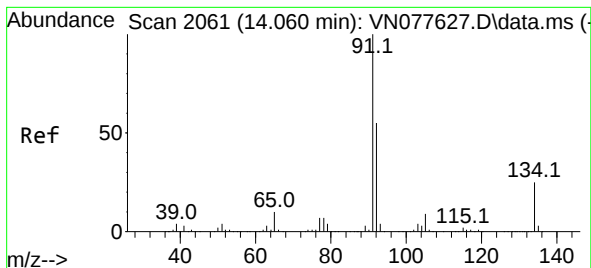
Tgt Ion:146 Resp: 237127
Ion Ratio Lower Upper
146 100
111 43.6 22.1 66.3
148 62.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 18.055 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.007 min
Lab File: VN077633.D
Acq: 09 May 2023 15:42

Tgt Ion:146 Resp: 231297
Ion Ratio Lower Upper
146 100
111 45.3 20.6 61.8
148 64.4 31.6 94.8





#89

n-Butylbenzene

Concen: 18.318 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

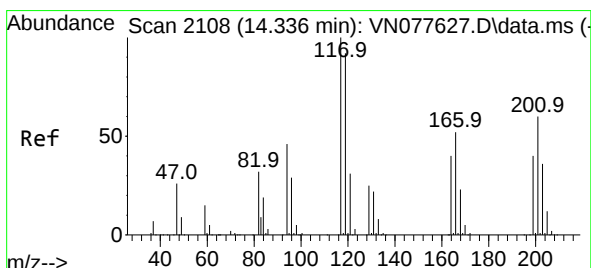
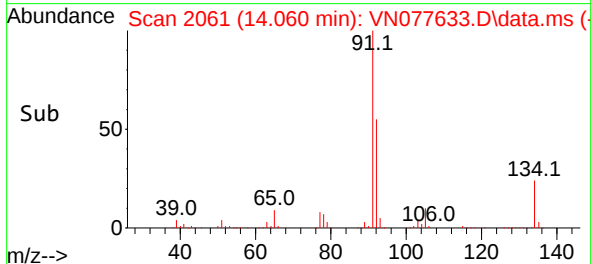
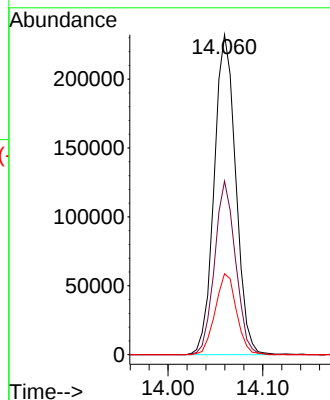
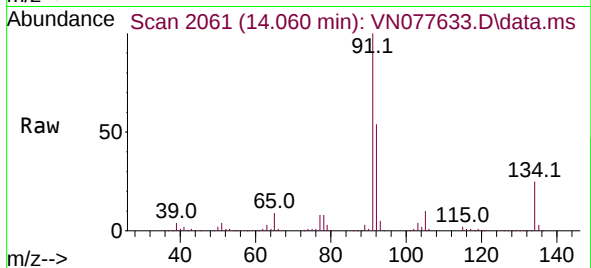
Tgt Ion: 91 Resp: 367735

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

134 25.0 12.6 37.6



#90

Hexachloroethane

Concen: 17.100 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077633.D

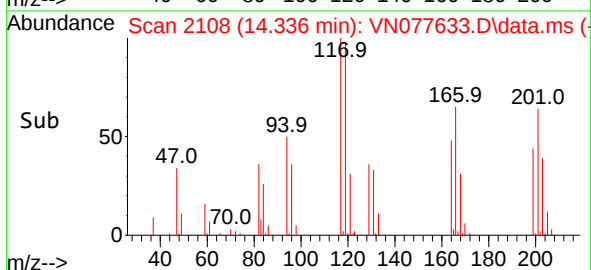
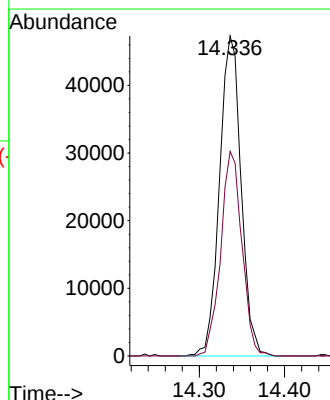
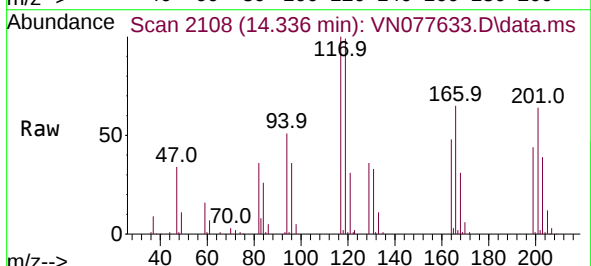
Acq: 09 May 2023 15:42

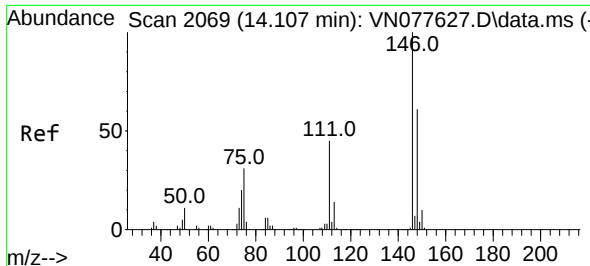
Tgt Ion: 117 Resp: 83074

Ion Ratio Lower Upper

117 100

201 62.9 29.3 88.0

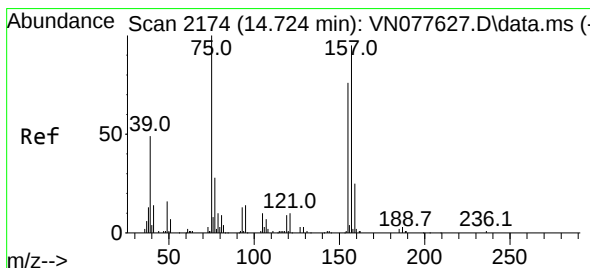
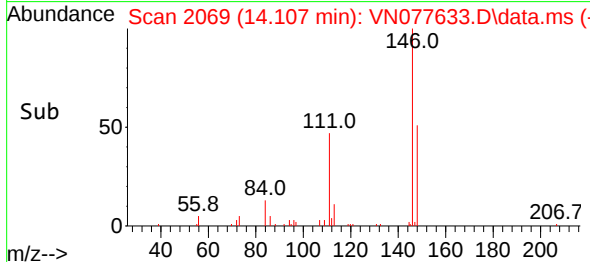
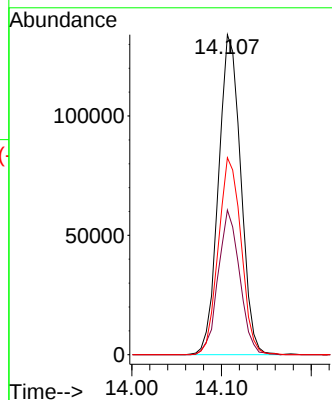
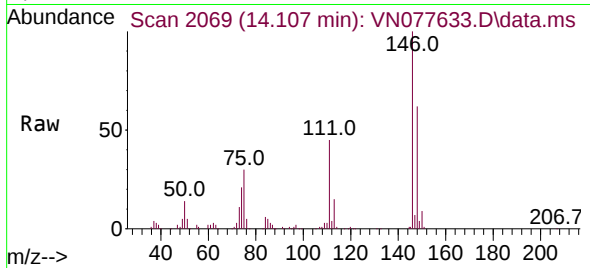




#91
 1,2-Dichlorobenzene
 Concen: 18.040 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: VN077633.D
 Acq: 09 May 2023 15:42

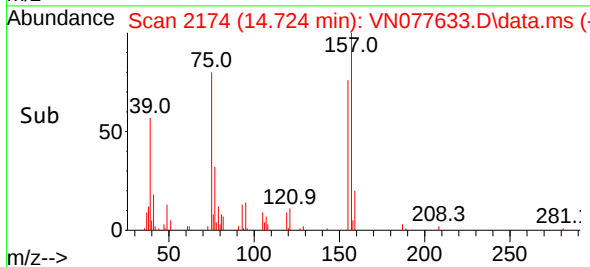
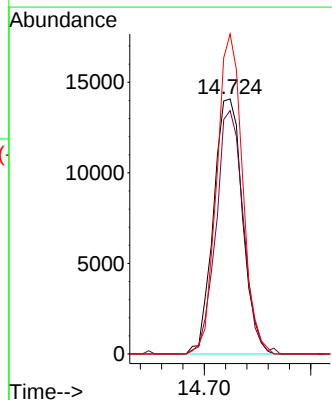
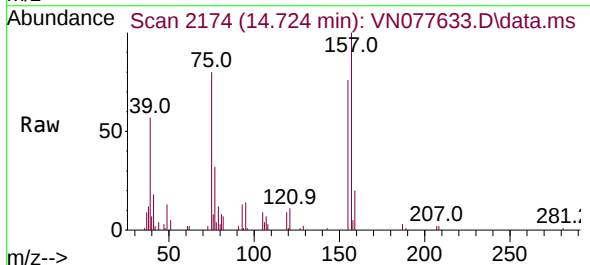
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD01

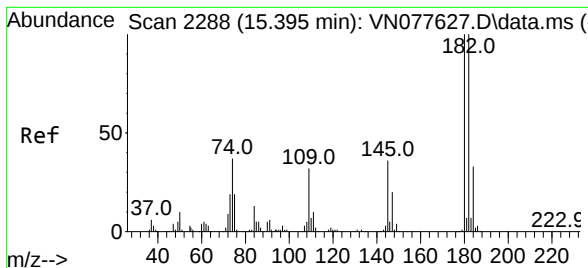
Tgt Ion:146 Resp: 231130
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.0 66.0
 148 62.9 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.318 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: VN077633.D
 Acq: 09 May 2023 15:42

Tgt Ion: 75 Resp: 26577
 Ion Ratio Lower Upper
 75 100
 155 89.7 39.1 117.2
 157 111.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.792 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

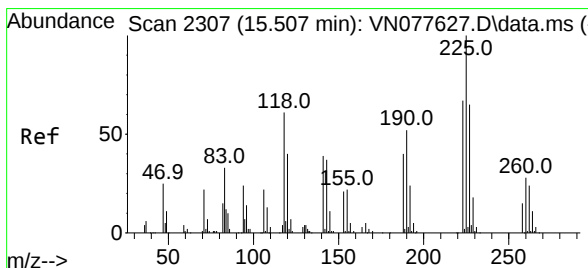
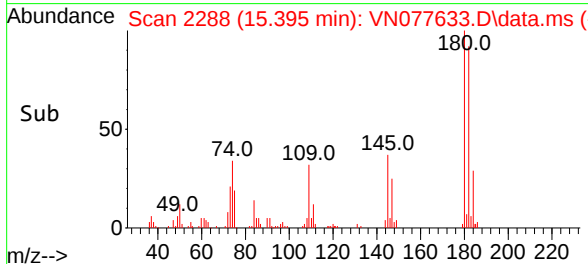
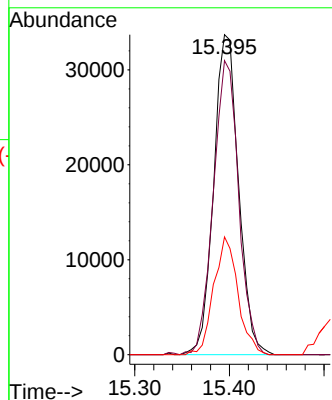
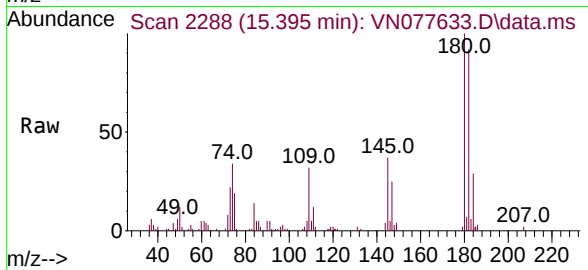
Tgt Ion:180 Resp: 61521

Ion Ratio Lower Upper

180 100

182 93.7 46.1 138.2

145 35.8 16.6 49.8



#94

Hexachlorobutadiene

Concen: 17.036 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

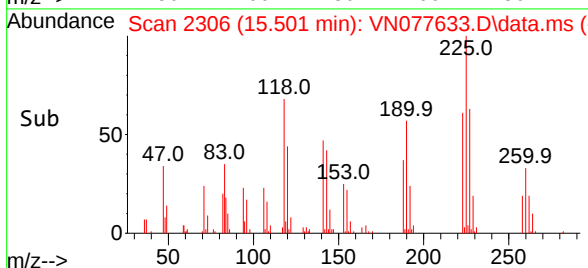
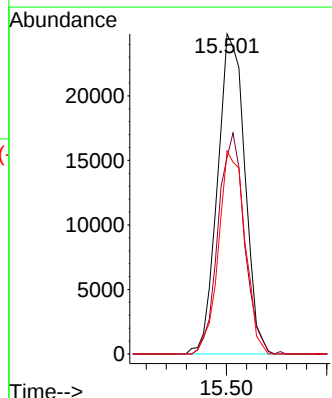
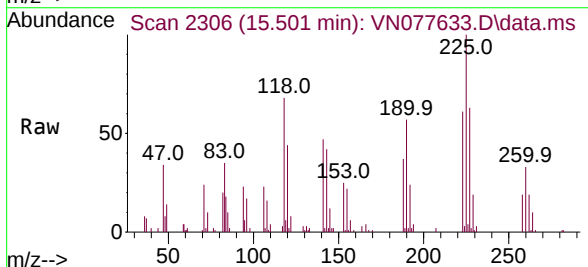
Tgt Ion:225 Resp: 46634

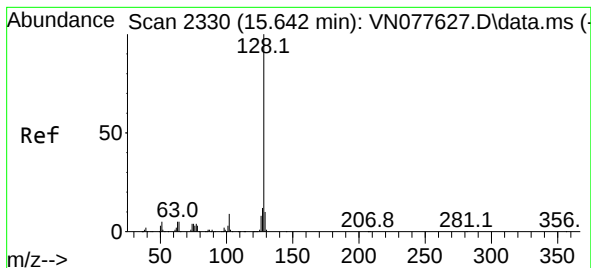
Ion Ratio Lower Upper

225 100

223 66.5 31.3 93.8

227 61.6 31.9 95.9





#95

Naphthalene

Concen: 15.144 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

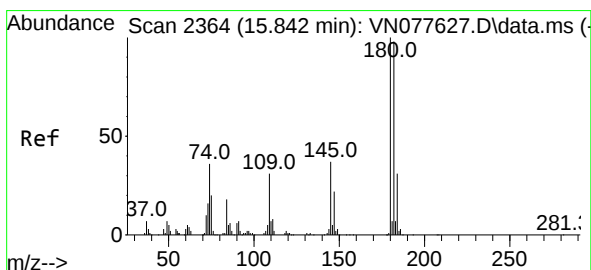
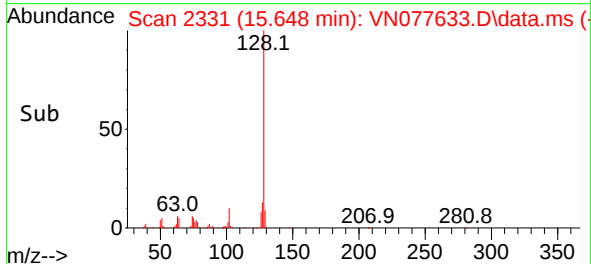
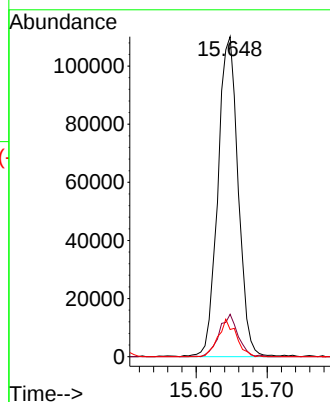
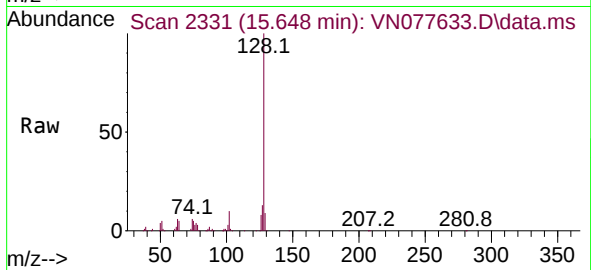
Tgt Ion:128 Resp: 217710

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.408 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077633.D

Acq: 09 May 2023 15:42

Tgt Ion:180 Resp: 61097

Ion Ratio Lower Upper

180 100

182 91.0 46.2 138.6

145 33.9 17.5 52.6

