

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077566.D
 Acq On : 03 May 2023 16:33
 Operator : JC\MD
 Sample : 02566-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1986

Quant Time: May 04 04:49:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	637596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1238064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1146493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	499806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	421080	50.611	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.220%			
35) Dibromofluoromethane	8.172	113	371992	49.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.980%			
50) Toluene-d8	10.572	98	1517700	53.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.848	95	530717	56.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.760%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.543	59	11256	8.427	ug/l	96
13) Acrolein	4.196	56	1590	1.197	ug/l #	61
16) Acetone	4.443	43	204980	77.442	ug/l	100
18) Methyl Acetate	5.049	43	15028	1.470	ug/l #	62
20) Methylene Chloride	5.284	84	74334	8.856	ug/l	91
25) 2-Butanone	7.501	43	23729	6.321	ug/l	92
29) Tetrahydrofuran	7.843	42	818	0.348	ug/l #	31
31) Cyclohexane	8.231	56	20245	1.718	ug/l #	53
36) 1,1-Dichloropropene	8.231	75	55700	5.181	ug/l #	48
37) Ethyl Acetate	7.572	43	93622	11.460	ug/l	96
38) Carbon Tetrachloride	8.225	117	70920	5.979	ug/l #	16
39) Methylcyclohexane	9.601	83	3961	0.280	ug/l #	72
40) Benzene	8.613	78	3817475	116.563	ug/l	98
42) 1,2-Dichloroethane	8.613	62	29121	2.589	ug/l	80
43) Isopropyl Acetate	8.690	43	518534	36.690	ug/l #	84
48) Methyl methacrylate	9.666	41	13984	2.174	ug/l #	35
49) 1,4-Dioxane	9.672	88	161	0.998	ug/l #	1
51) 4-Methyl-2-Pentanone	10.448	43	55474	6.692	ug/l	88
52) Toluene	10.631	92	2484667	115.809	ug/l	100
53) t-1,3-Dichloropropene	10.731	75	2989	0.245	ug/l	96
54) cis-1,3-Dichloropropene	10.360	75	183519	13.828	ug/l #	62
55) 1,1,2-Trichloroethane	10.883	97	16340	1.894	ug/l #	19
57) 1,3-Dichloropropane	11.207	76	23642	1.720	ug/l #	42
59) 2-Hexanone	11.172	43	300564	49.882	ug/l #	19
67) Ethyl Benzene	11.966	91	400662	9.381	ug/l	99
68) m/p-Xylenes	12.072	106	873336	52.615	ug/l	98
69) o-Xylene	12.401	106	827438	50.680	ug/l	100
70) Styrene	12.413	104	164741	6.452	ug/l #	26
73) Isopropylbenzene	12.701	105	25604	0.552	ug/l	99
74) N-amyl acetate	12.466	43	9947	0.724	ug/l #	36
76) 1,2,3-Trichloropropane	12.848	75	272653	23.459	ug/l #	1
78) n-propylbenzene	13.036	91	52896	1.031	ug/l	99
79) 2-Chlorotoluene	13.101	91	27085	0.857	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.177	105	237871	6.906	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.848	75	272653	66.276	ug/l #	16
82) 4-Chlorotoluene	13.177	91	26578	0.900	ug/l #	41

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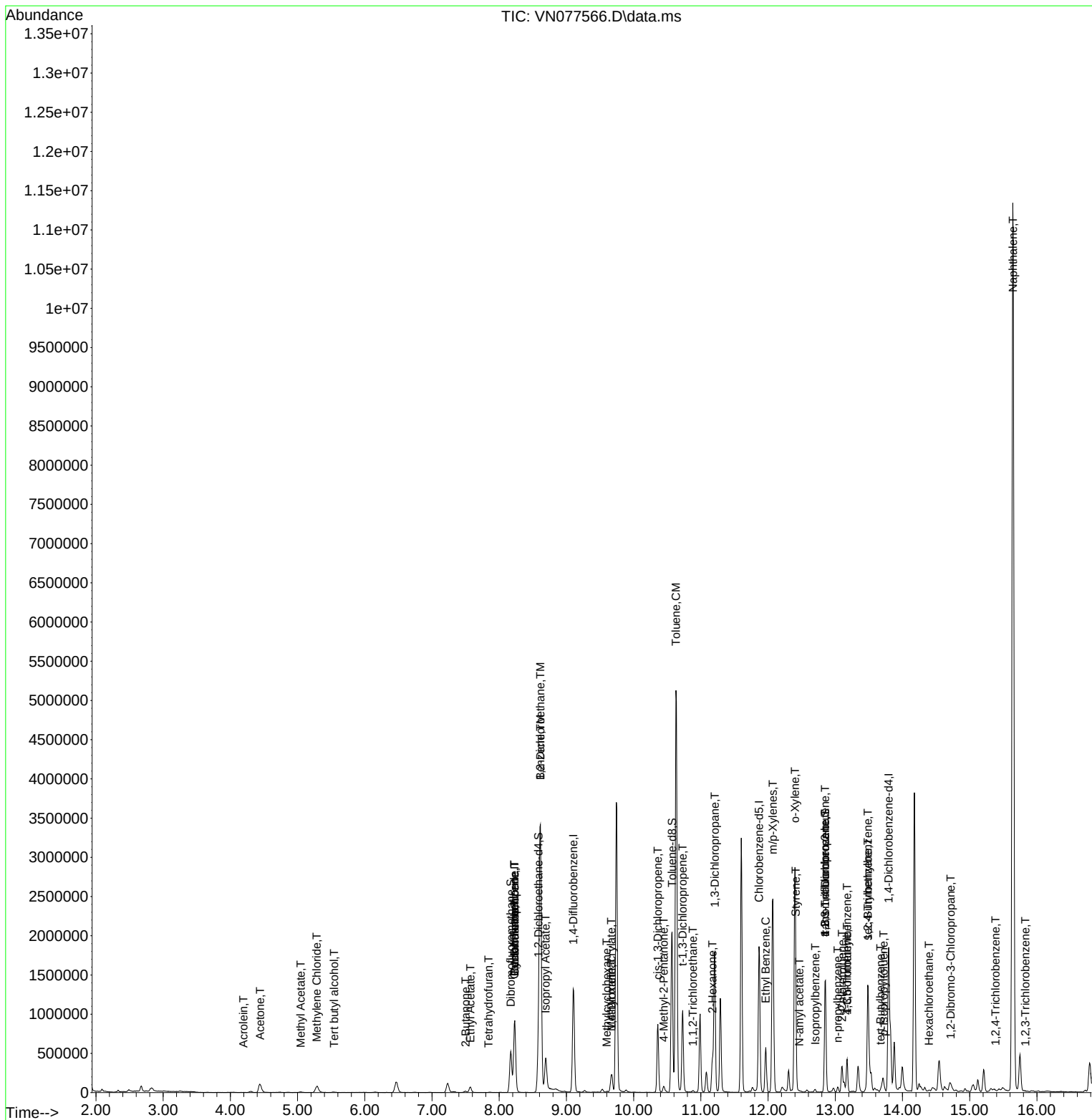
Quant Time: May 04 04:49:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
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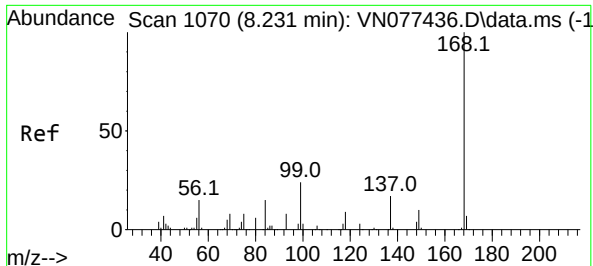
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) tert-Butylbenzene	13.672	119	9538	0.285	ug/l	70
84) 1,2,4-Trimethylbenzene	13.483	105	905210	28.141	ug/l	90
85) sec-Butylbenzene	13.483	105	905210	19.716	ug/l #	57
86) p-Isopropyltoluene	13.719	119	11779	0.333	ug/l	78
90) Hexachloroethane	14.395	117	6713	0.860	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.719	75	2422	0.899	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.383	180	122	0.831	ug/l #	1
95) Naphthalene	15.642	128	11368217	216.551	ug/l	99
96) 1,2,3-Trichlorobenzene	15.830	180	83	0.498	ug/l #	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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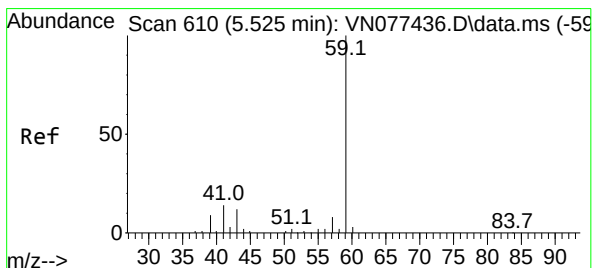
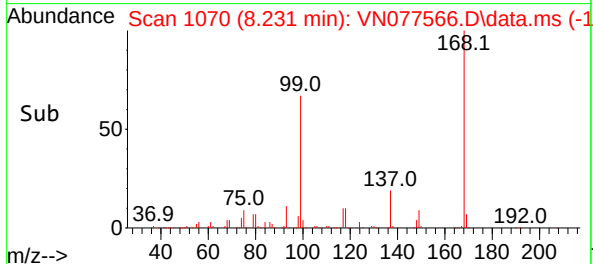
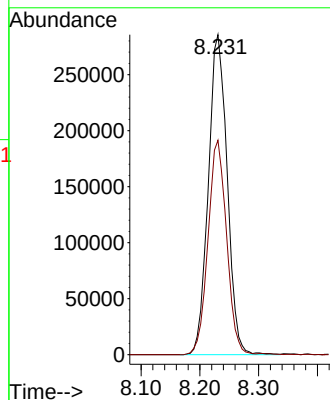
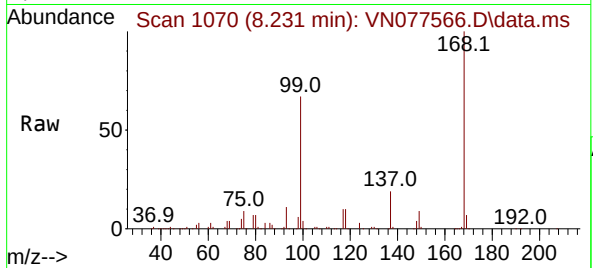




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

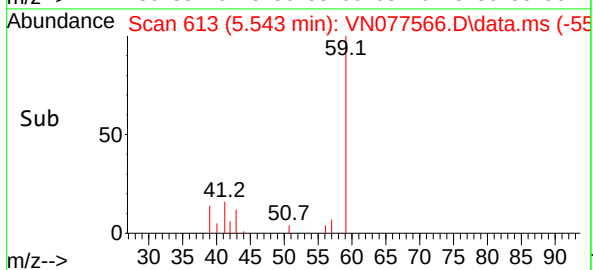
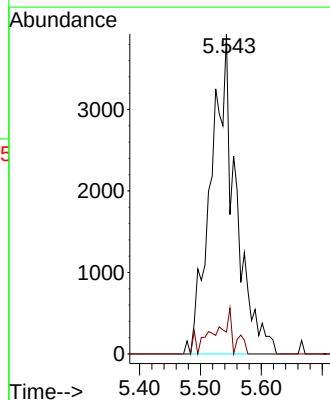
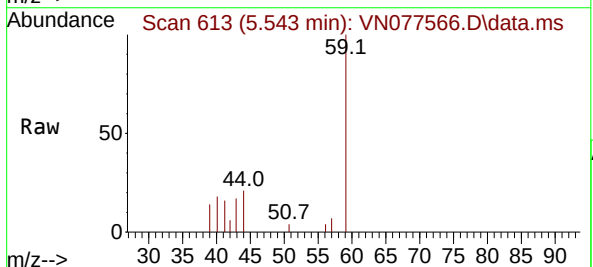
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

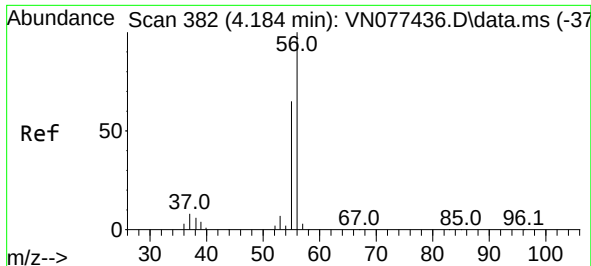
Tgt Ion:168 Resp: 637596
Ion Ratio Lower Upper
168 100
99 67.0 53.0 79.6



#11
Tert butyl alcohol
Concen: 8.427 ug/l
RT: 5.543 min Scan# 613
Delta R.T. 0.018 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 59 Resp: 11256
Ion Ratio Lower Upper
59 100
57 8.8 8.2 12.4

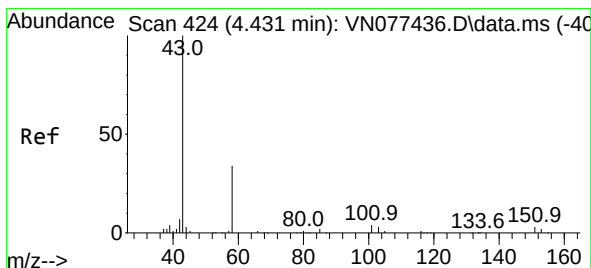
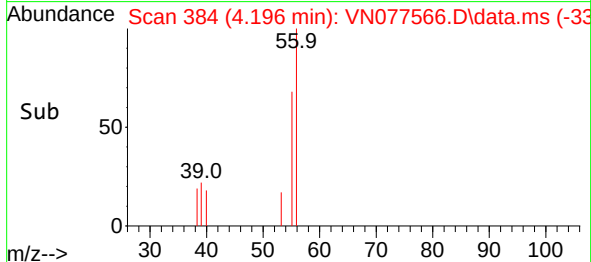
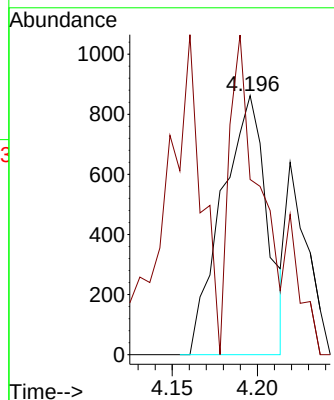
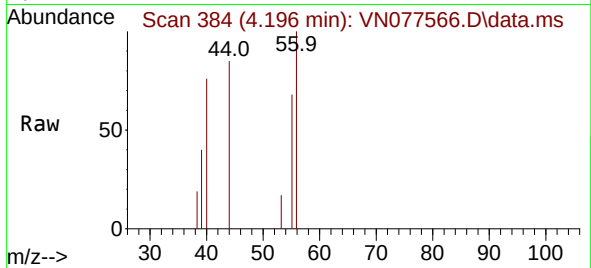




#13
Acrolein
Concen: 1.197 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

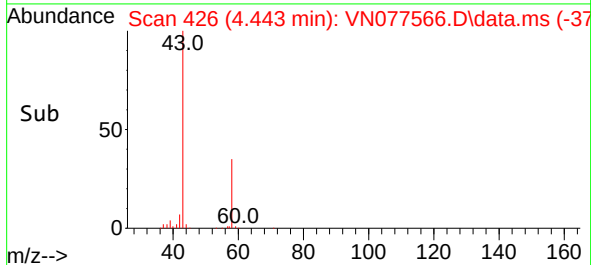
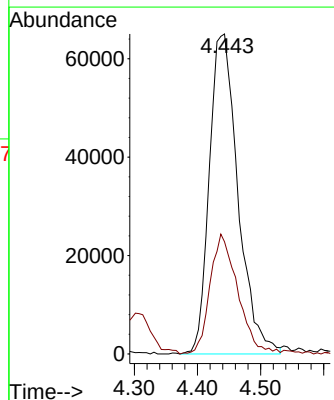
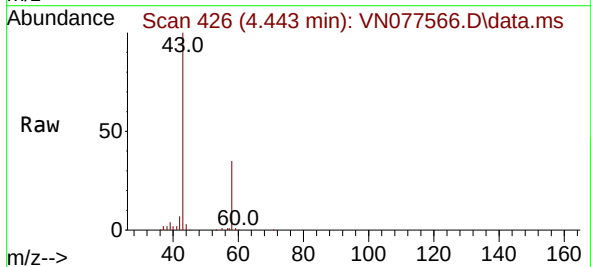
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MSVOA_N
ClientSampleId :
AUD-1986

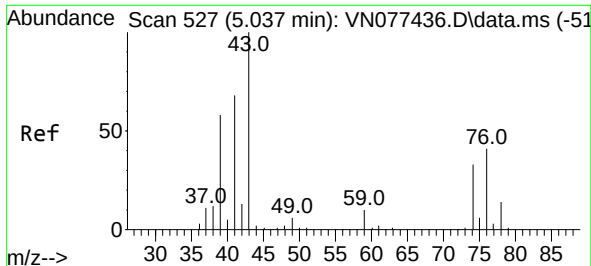
Tgt Ion: 56 Resp: 1590
Ion Ratio Lower Upper
56 100
55 99.4 54.5 81.7#



#16
Acetone
Concen: 77.442 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 43 Resp: 204980
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0

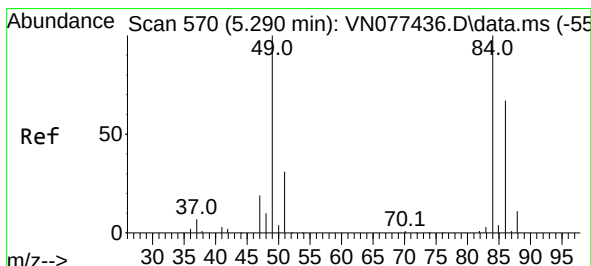
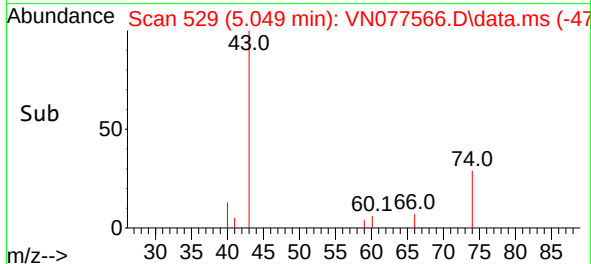
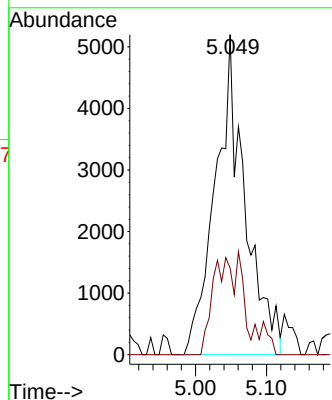
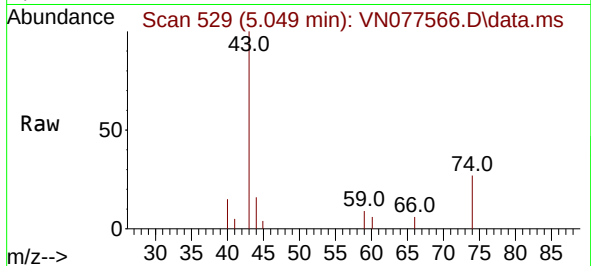




#18
Methyl Acetate
Concen: 1.470 ug/l
RT: 5.049 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

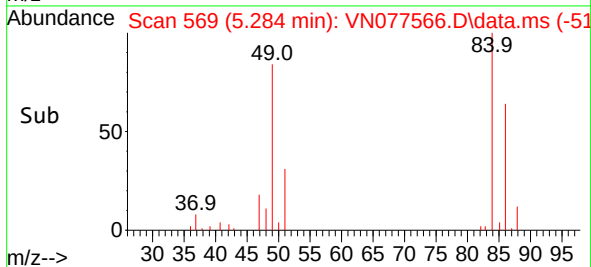
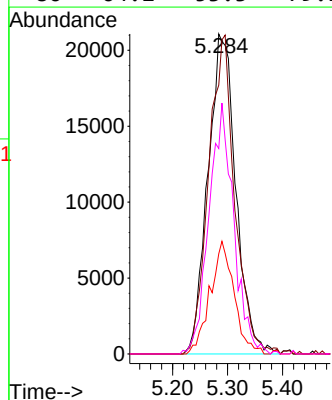
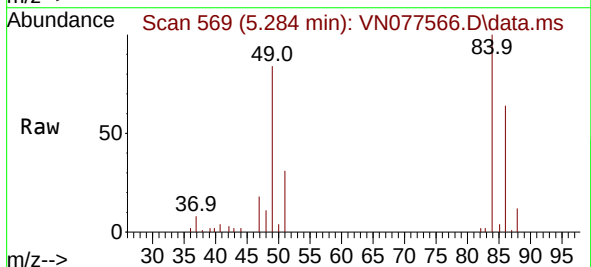
Instrument :
MSVOA_N
ClientSampleId :
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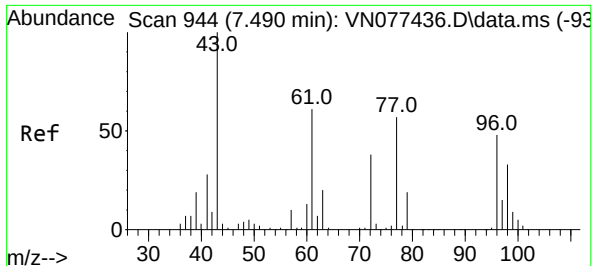
Tgt Ion: 43 Resp: 15028
Ion Ratio Lower Upper
43 100
74 11.6 26.2 39.4#



#20
Methylene Chloride
Concen: 8.856 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 84 Resp: 74334
Ion Ratio Lower Upper
84 100
49 84.0 79.7 119.5
51 31.3 25.2 37.8
86 64.2 53.3 79.9

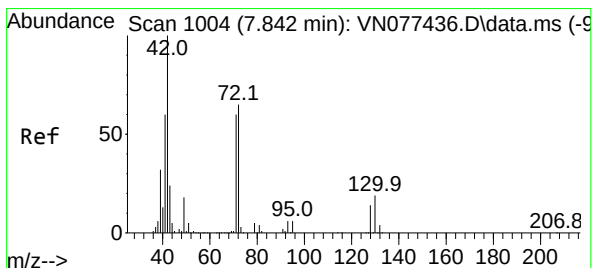
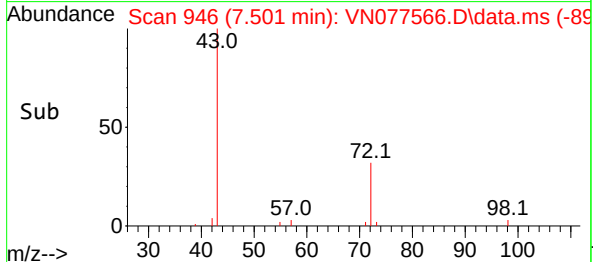
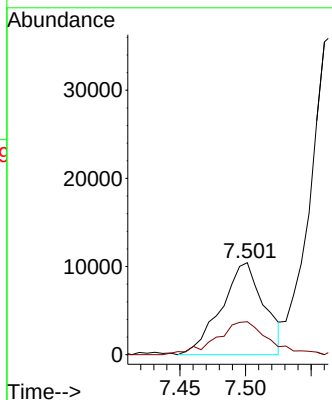
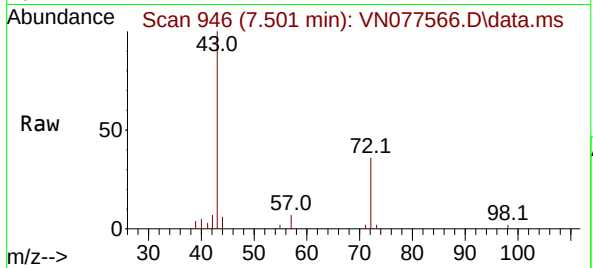




#25
2-Butanone
Concen: 6.321 ug/l
RT: 7.501 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

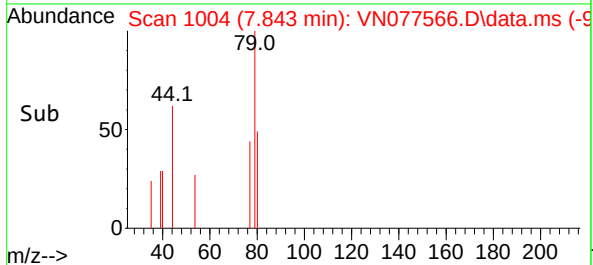
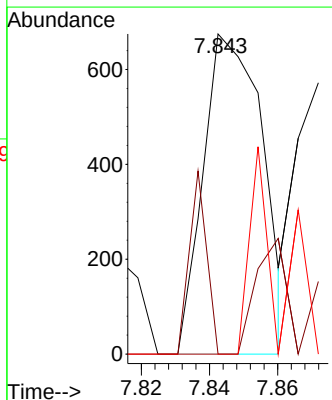
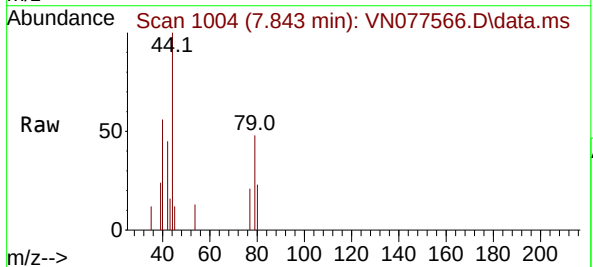
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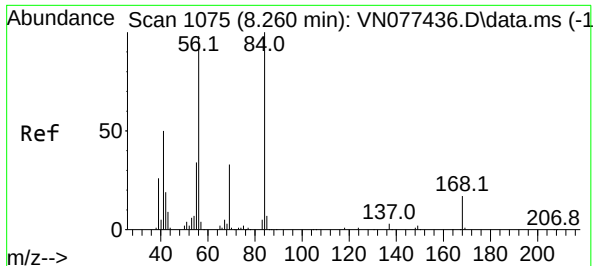
Tgt Ion: 43 Resp: 23729
Ion Ratio Lower Upper
43 100
72 32.6 30.2 45.2



#29
Tetrahydrofuran
Concen: 0.348 ug/l
RT: 7.843 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 42 Resp: 818
Ion Ratio Lower Upper
42 100
72 16.6 49.8 74.6#
71 0.0 47.4 71.2#

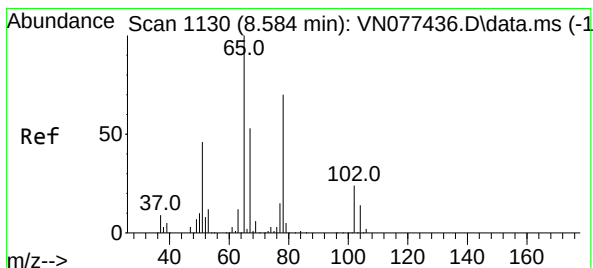
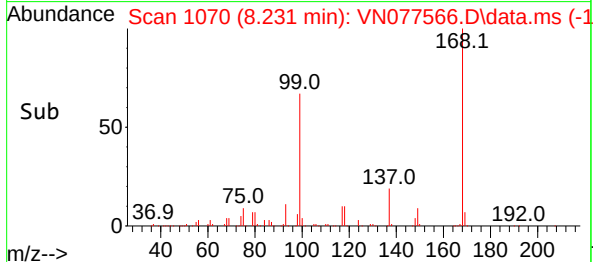
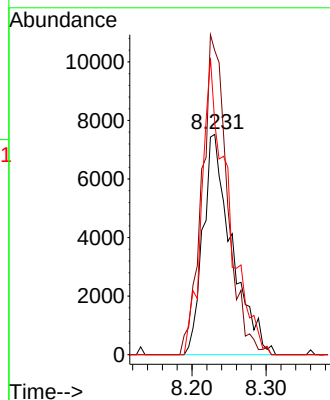
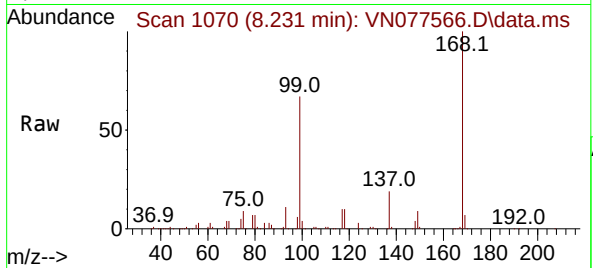




#31
Cyclohexane
Concen: 1.718 ug/l
RT: 8.231 min Scan# 1075
Delta R.T. -0.029 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

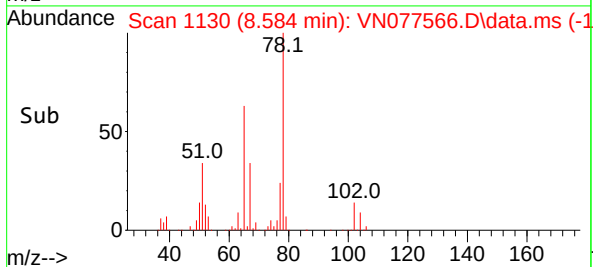
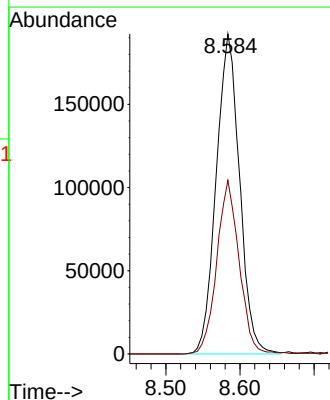
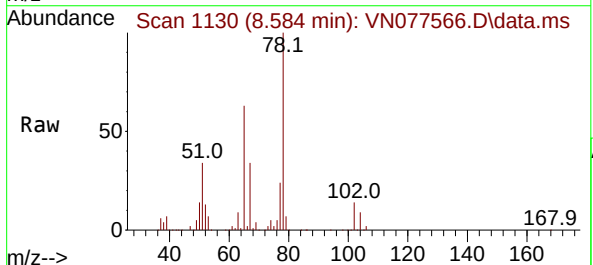
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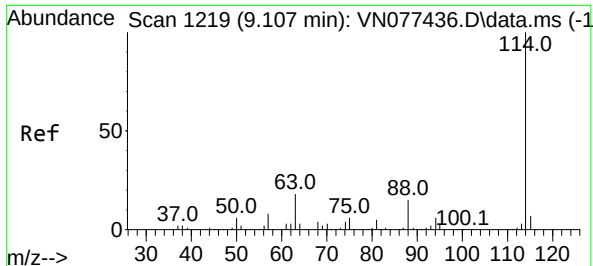
Tgt Ion: 56 Resp: 20245
Ion Ratio Lower Upper
56 100
69 137.9 26.8 40.2#
84 105.1 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 50.611 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 65 Resp: 421080
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077566.D

Acq: 03 May 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

AUD-1986

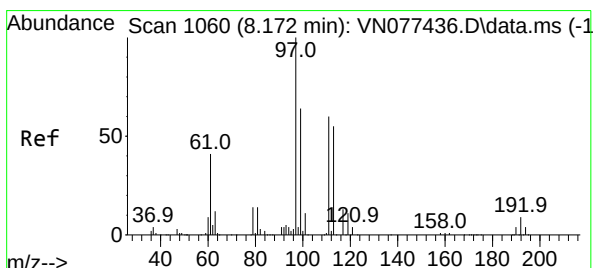
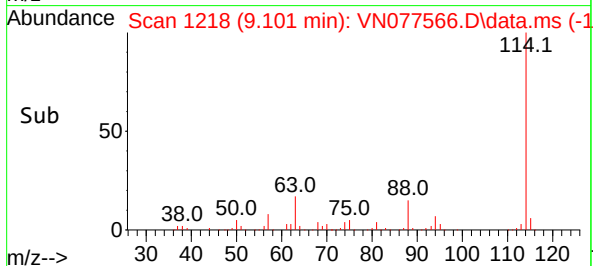
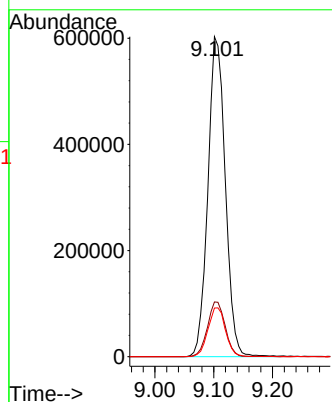
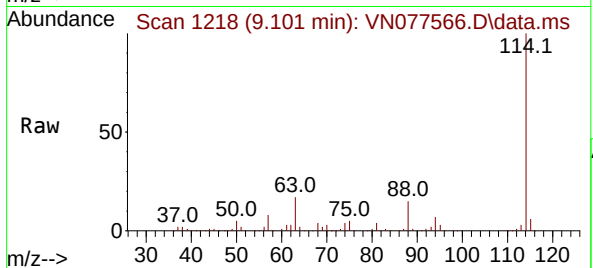
Tgt Ion:114 Resp: 1238064

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.990 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077566.D

Acq: 03 May 2023 16:33

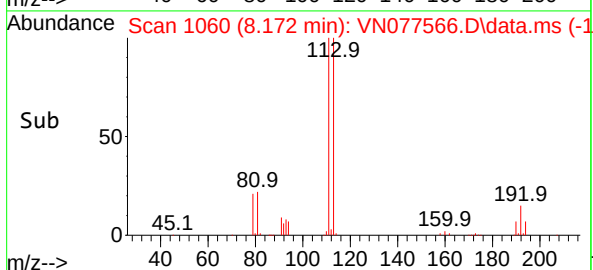
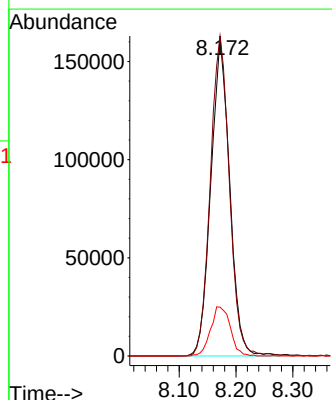
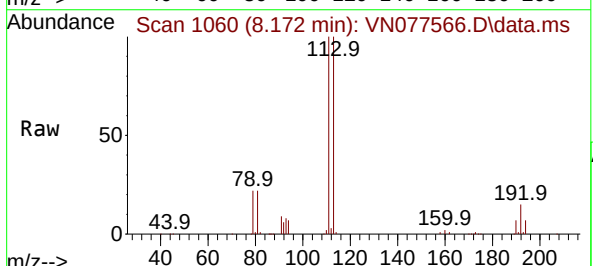
Tgt Ion:113 Resp: 371992

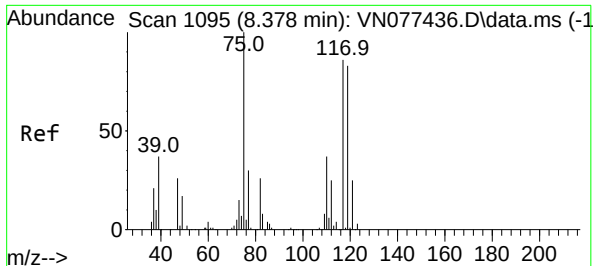
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 16.2 12.7 19.1

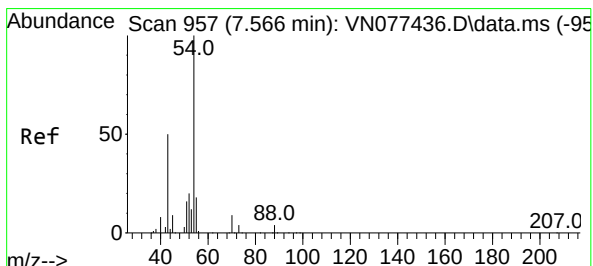
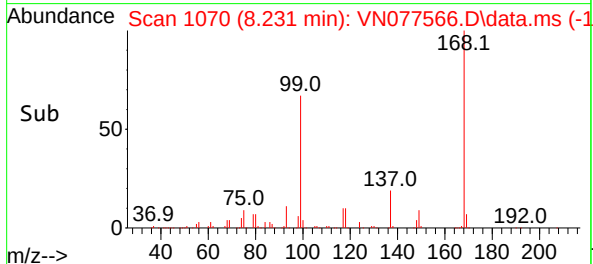
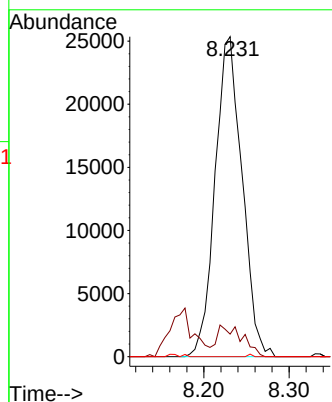
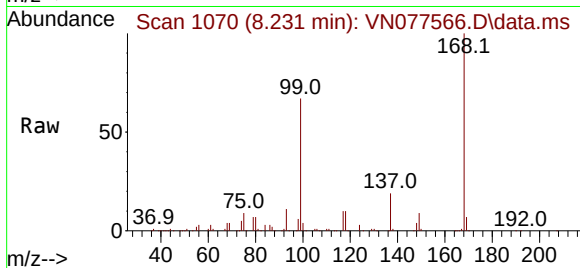




#36
1,1-Dichloropropene
Concen: 5.181 ug/l
RT: 8.231 min Scan# 1095
Delta R.T. -0.147 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

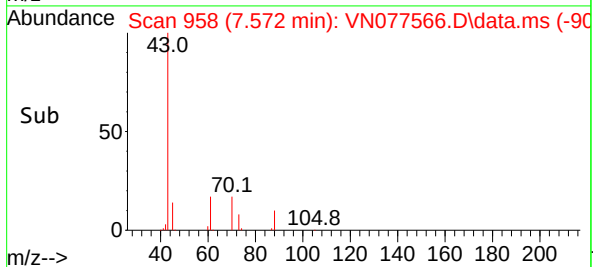
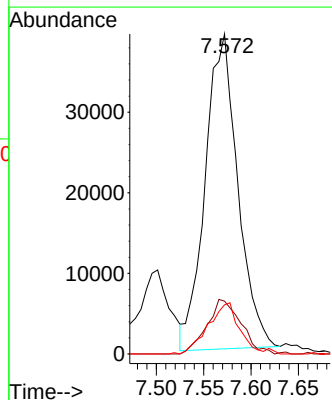
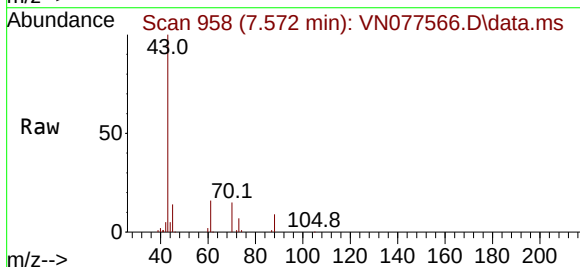
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

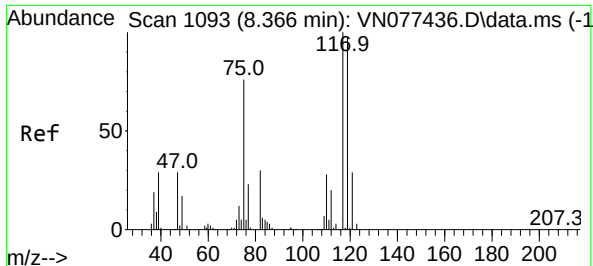
Tgt Ion: 75 Resp: 55700
Ion Ratio Lower Upper
75 100
110 9.2 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 11.460 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 43 Resp: 93622
Ion Ratio Lower Upper
43 100
61 18.1 13.2 19.8
70 15.5 11.3 16.9

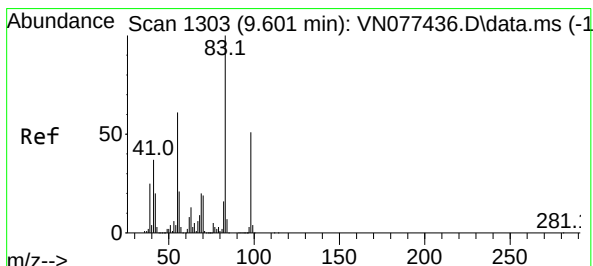
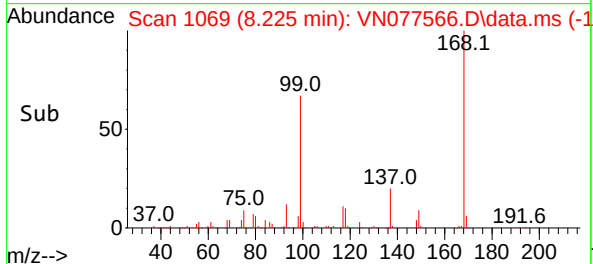
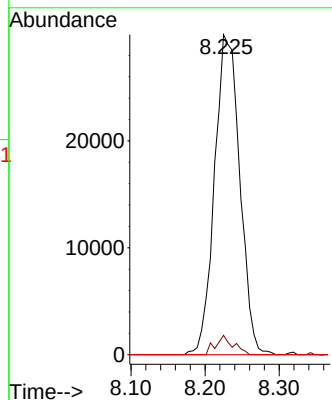
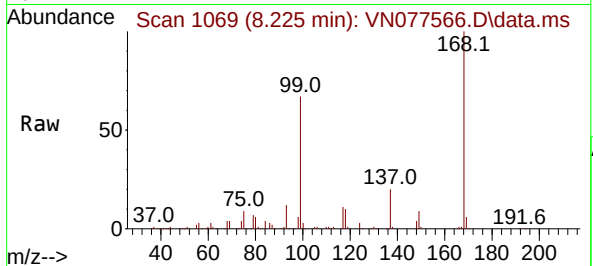




#38
Carbon Tetrachloride
Concen: 5.979 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.141 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

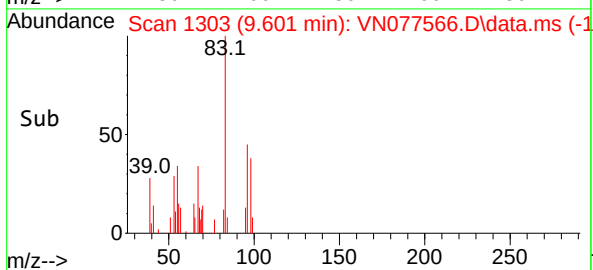
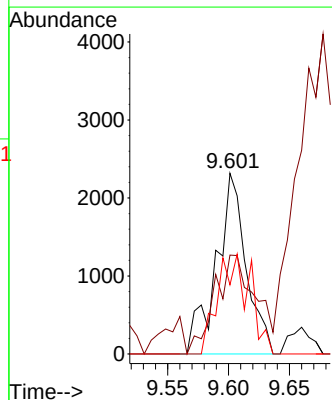
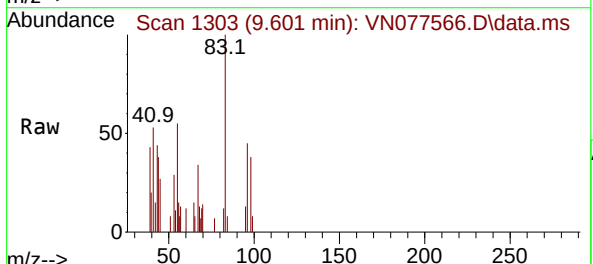
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

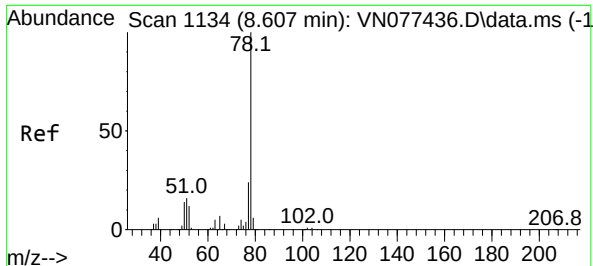
Tgt Ion:117 Resp: 70920
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.280 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 83 Resp: 3961
Ion Ratio Lower Upper
83 100
55 33.9 49.1 73.7#
98 38.3 40.6 61.0#

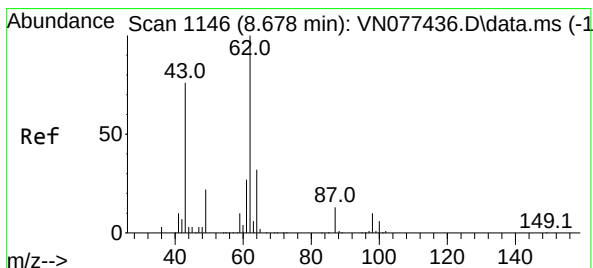
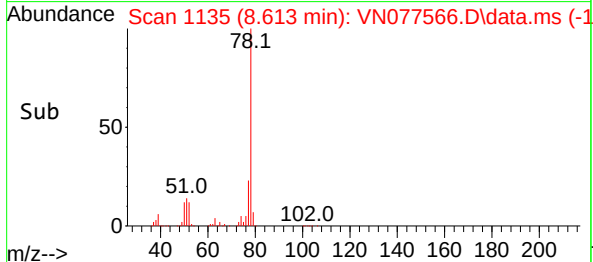
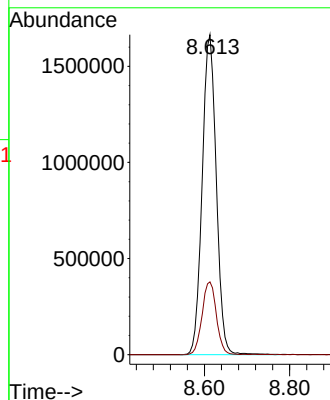
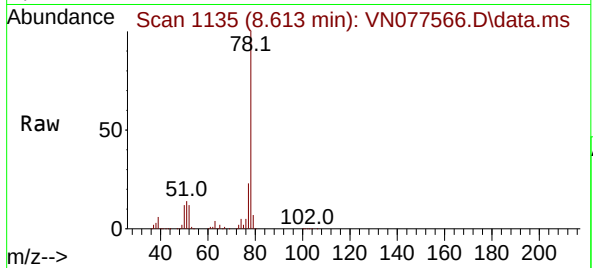




#40
Benzene
Concen: 116.563 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

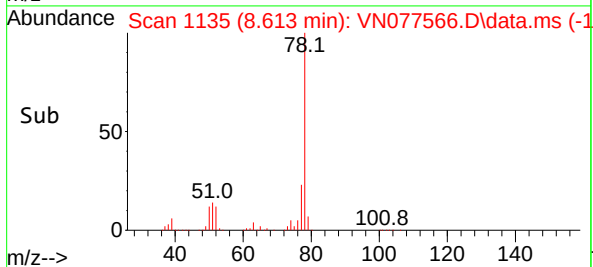
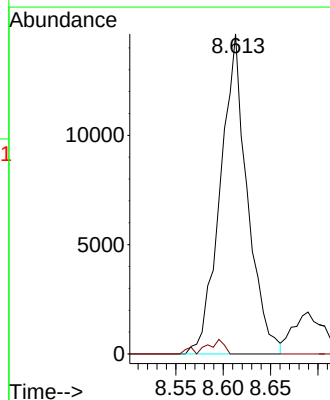
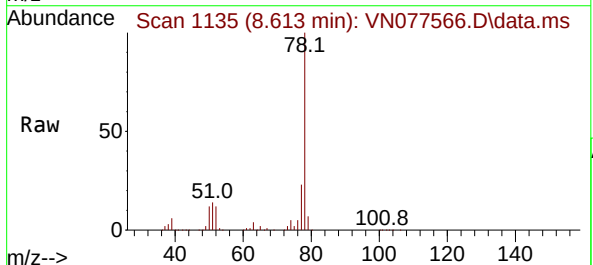
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

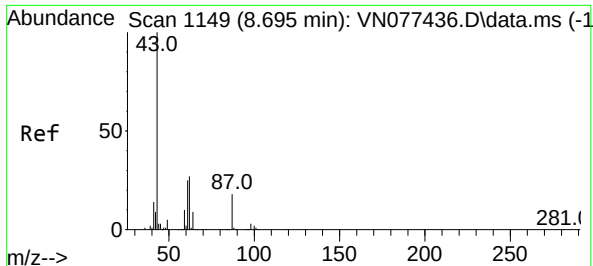
Tgt Ion: 78 Resp: 3817475
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6



#42
1,2-Dichloroethane
Concen: 2.589 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.065 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 62 Resp: 29121
Ion Ratio Lower Upper
62 100
98 2.5 0.0 19.8

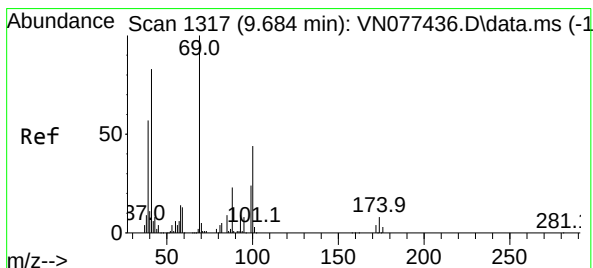
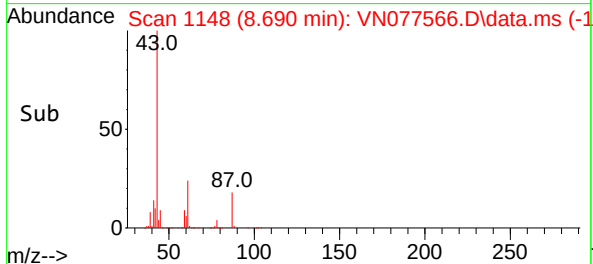
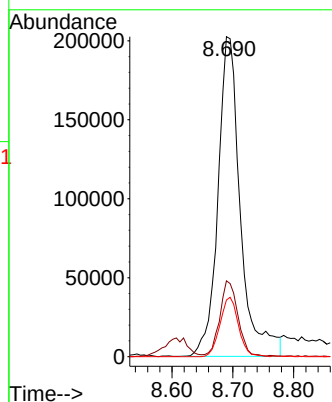
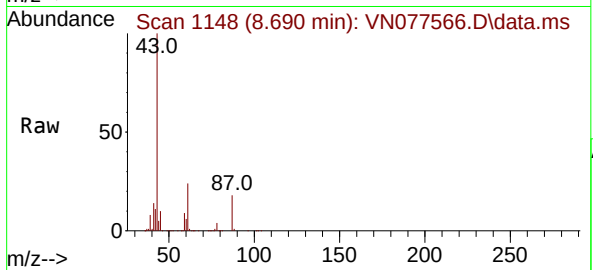




#43
Isopropyl Acetate
Concen: 36.690 ug/l
RT: 8.690 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

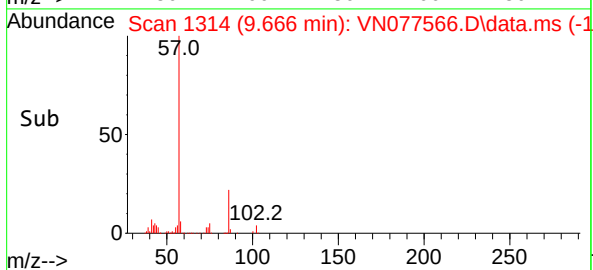
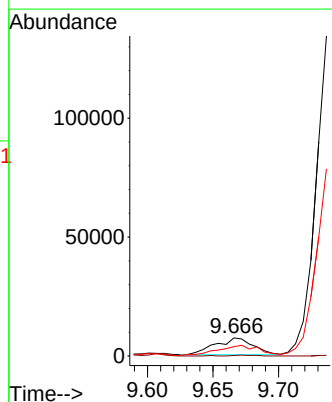
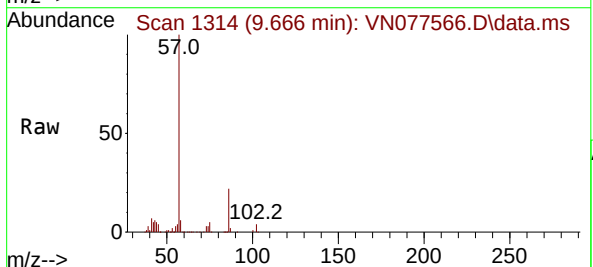
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

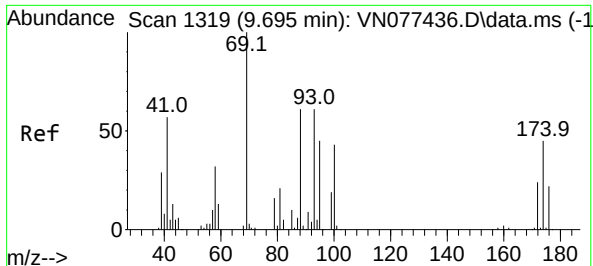
Tgt Ion: 43 Resp: 518534
Ion Ratio Lower Upper
43 100
61 19.0 24.7 37.1#
87 15.2 14.6 21.8



#48
Methyl methacrylate
Concen: 2.174 ug/l
RT: 9.666 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 41 Resp: 13984
Ion Ratio Lower Upper
41 100
69 2.8 90.4 135.6#
39 66.7 54.6 81.8





#49

1,4-Dioxane

Concen: 0.998 ug/l

RT: 9.672 min Scan# 11

Delta R.T. -0.023 min

Lab File: VN077566.D

Acq: 03 May 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

AUD-1986

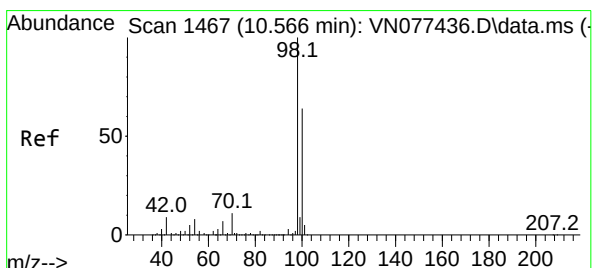
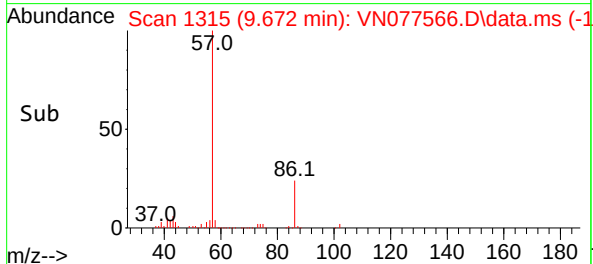
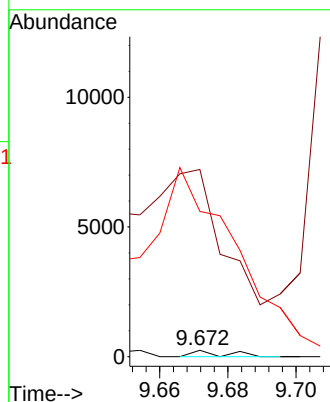
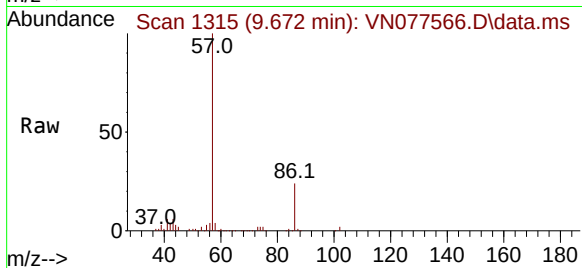
Tgt Ion: 88 Resp: 161

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 9519.3 47.0 70.4#



#50

Toluene-d8

Concen: 53.216 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077566.D

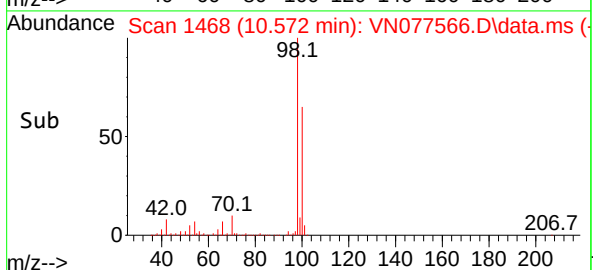
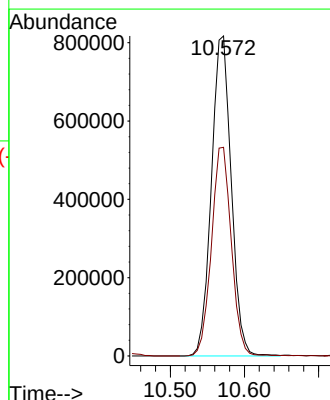
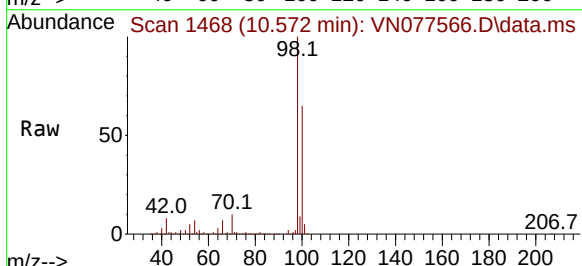
Acq: 03 May 2023 16:33

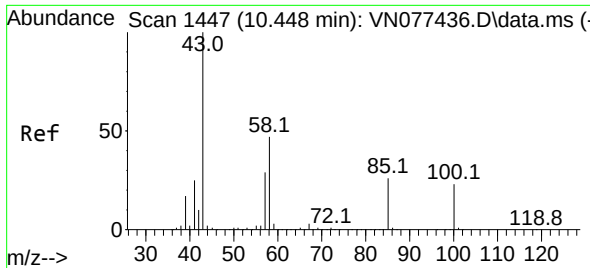
Tgt Ion: 98 Resp: 1517700

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

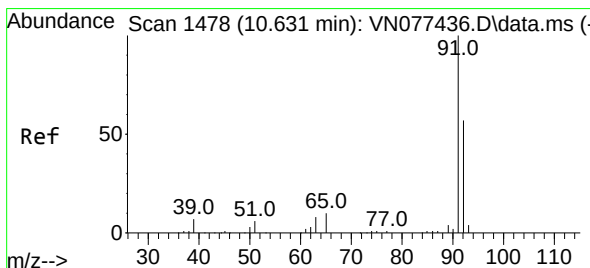
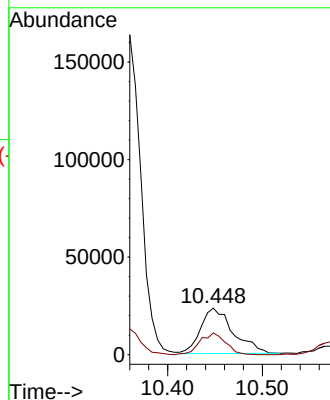
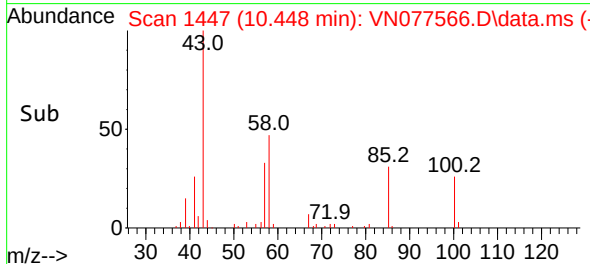
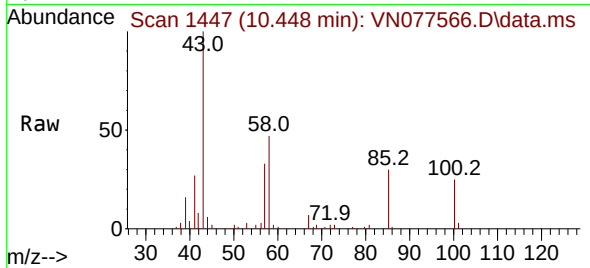




#51
4-Methyl-2-Pentanone
Concen: 6.692 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

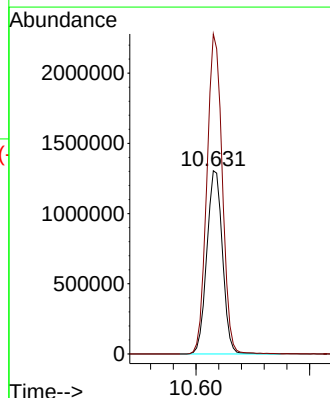
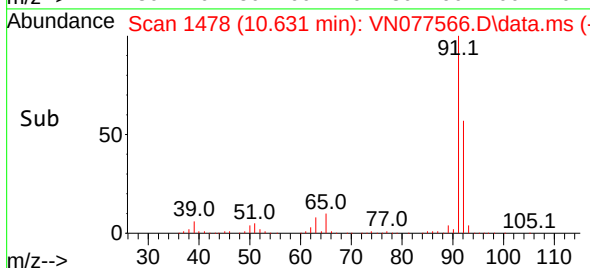
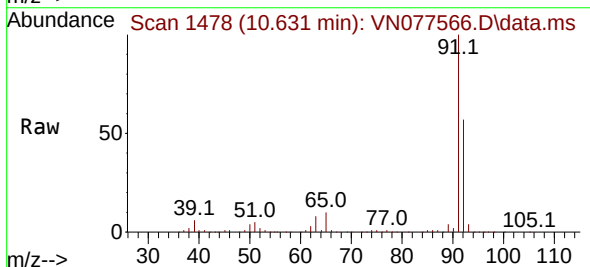
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

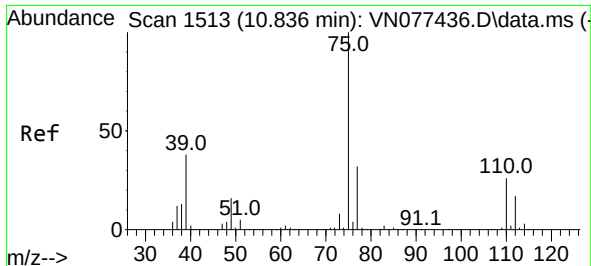
Tgt Ion: 43 Resp: 55474
Ion Ratio Lower Upper
43 100
58 37.6 36.6 54.8



#52
Toluene
Concen: 115.809 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 92 Resp: 2484667
Ion Ratio Lower Upper
92 100
91 172.2 137.4 206.0

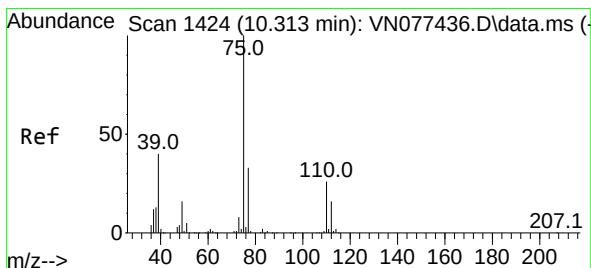
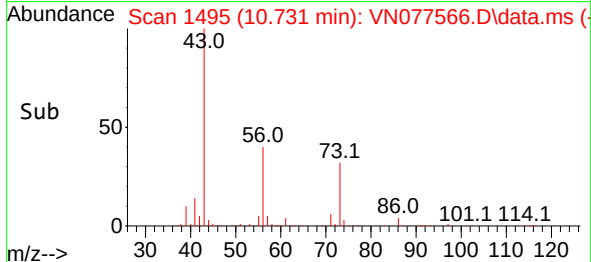
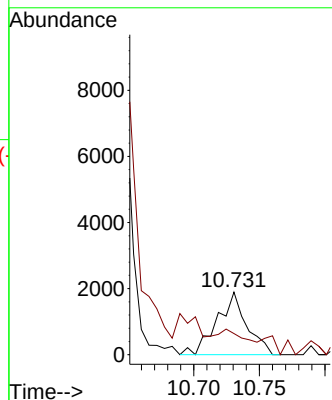
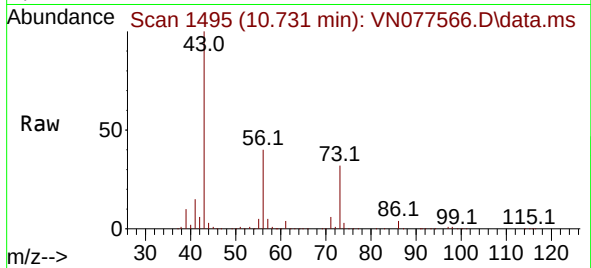




#53
 t-1,3-Dichloropropene
 Concen: 0.245 ug/l
 RT: 10.731 min Scan# 1495
 Delta R.T. -0.106 min
 Lab File: VN077566.D
 Acq: 03 May 2023 16:33

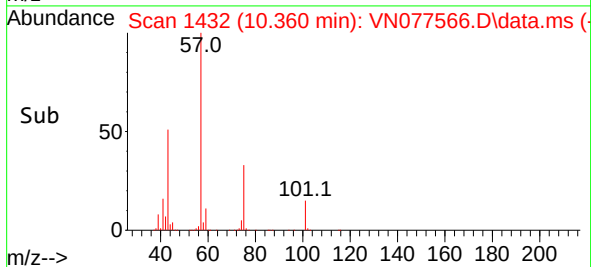
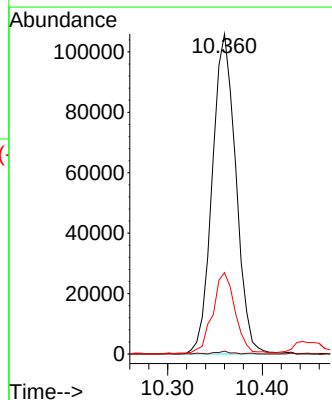
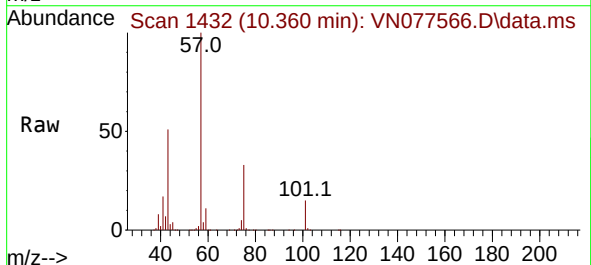
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1986

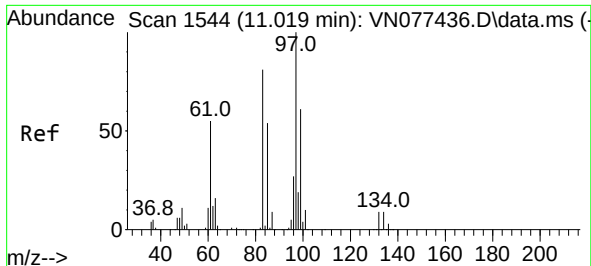
Tgt Ion: 75 Resp: 2989
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 13.828 ug/l
 RT: 10.360 min Scan# 1432
 Delta R.T. 0.047 min
 Lab File: VN077566.D
 Acq: 03 May 2023 16:33

Tgt Ion: 75 Resp: 183519
 Ion Ratio Lower Upper
 75 100
 77 0.9 26.1 39.1#
 39 25.1 31.6 47.4#

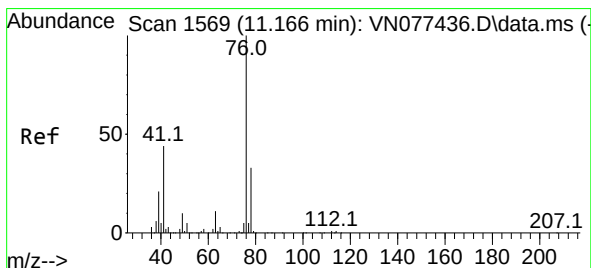
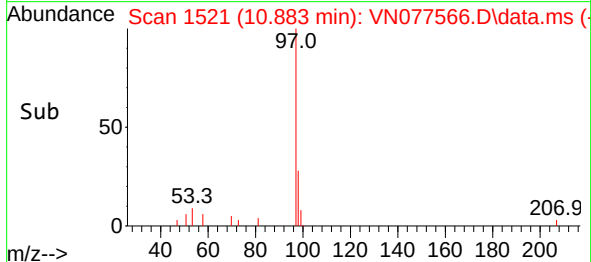
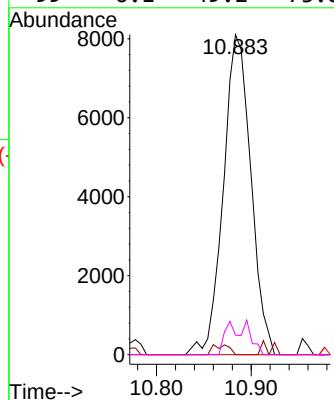
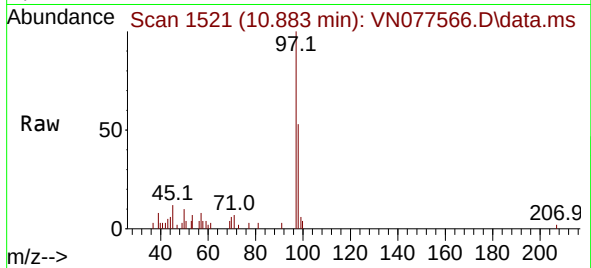




#55
 1,1,2-Trichloroethane
 Concen: 1.894 ug/l
 RT: 10.883 min Scan# 1521
 Delta R.T. -0.135 min
 Lab File: VN077566.D
 Acq: 03 May 2023 16:33

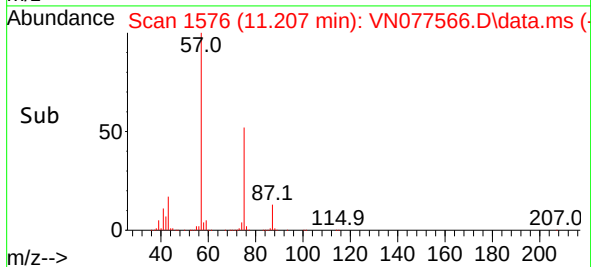
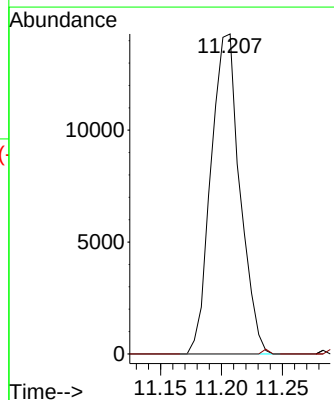
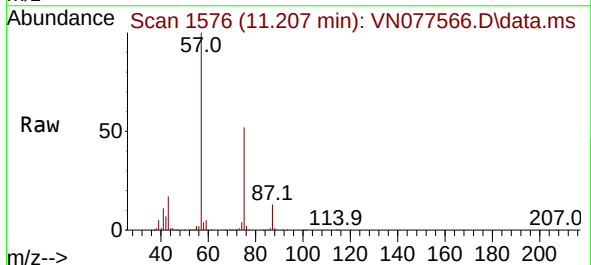
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1986

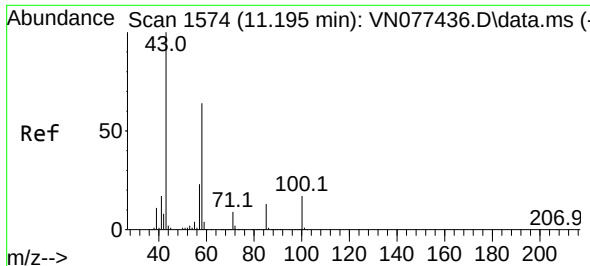
Tgt Ion: 97	Resp: 16340
Ion Ratio	Lower Upper
97 100	
83 0.0	65.1 97.7#
85 0.0	43.4 65.2#
99 6.1	49.2 73.8#



#57
 1,3-Dichloropropane
 Concen: 1.720 ug/l
 RT: 11.207 min Scan# 1576
 Delta R.T. 0.041 min
 Lab File: VN077566.D
 Acq: 03 May 2023 16:33

Tgt Ion: 76	Resp: 23642
Ion Ratio	Lower Upper
76 100	
78 0.0	26.1 39.1#

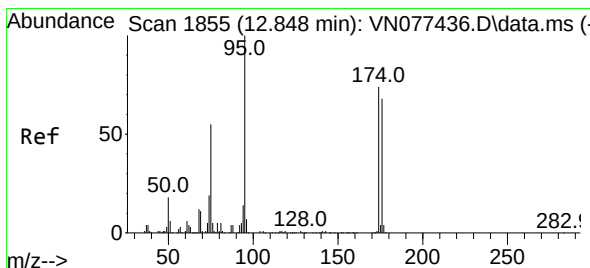
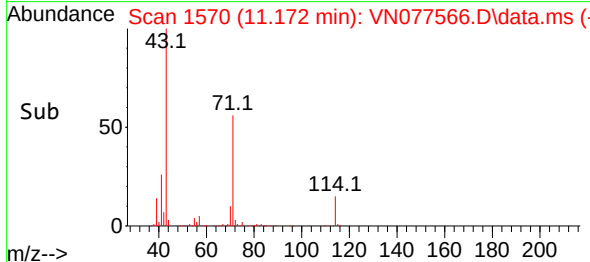
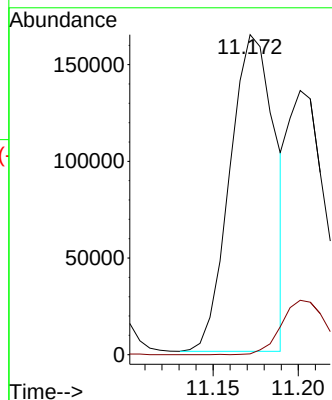
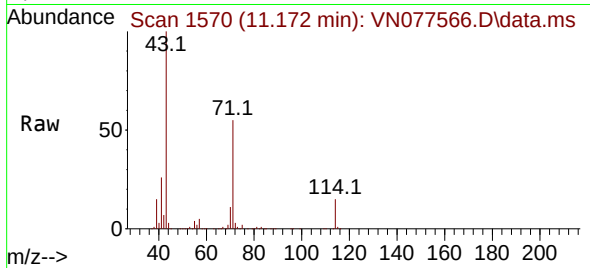




#59
2-Hexanone
Concen: 49.882 ug/l
RT: 11.172 min Scan# 11172
Delta R.T. -0.023 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

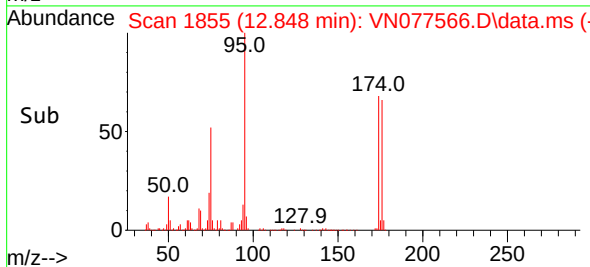
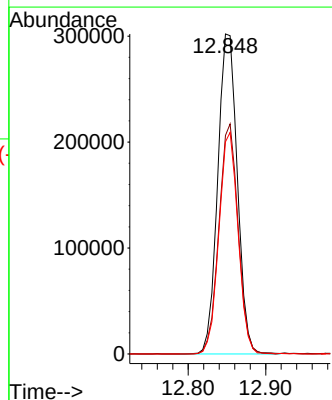
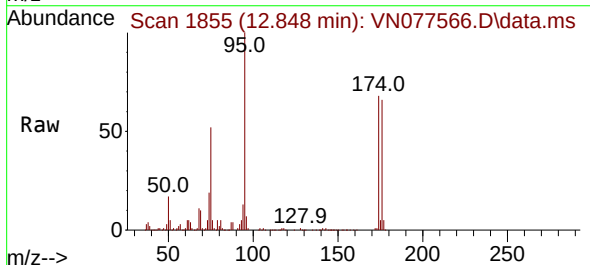
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

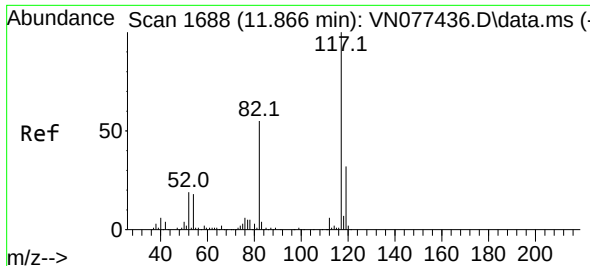
Tgt Ion: 43 Resp: 300564
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 56.878 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 95 Resp: 530717
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.8
176 67.6 0.0 135.8

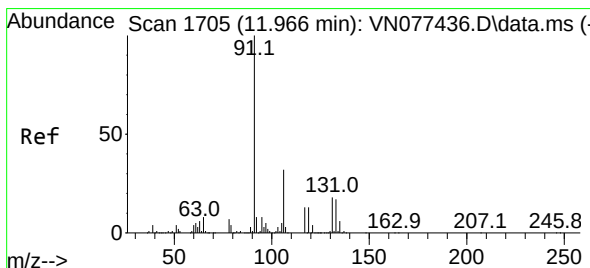
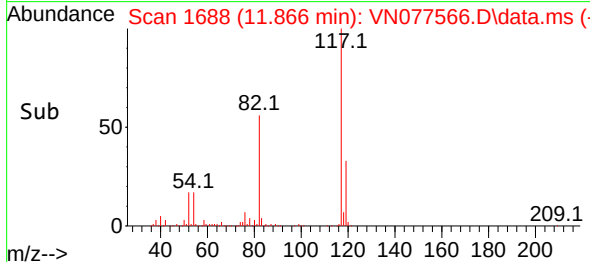
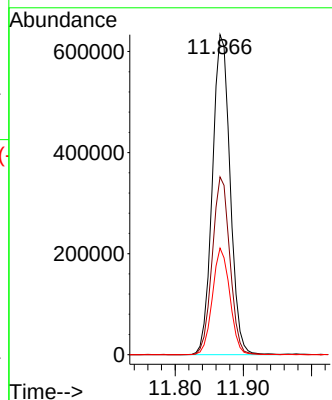
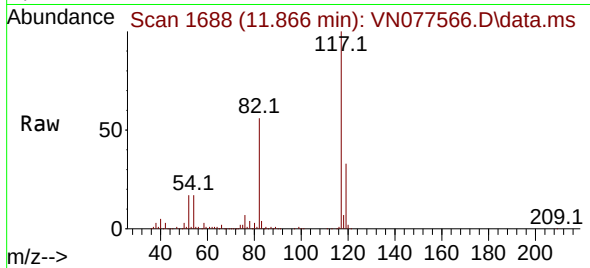




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

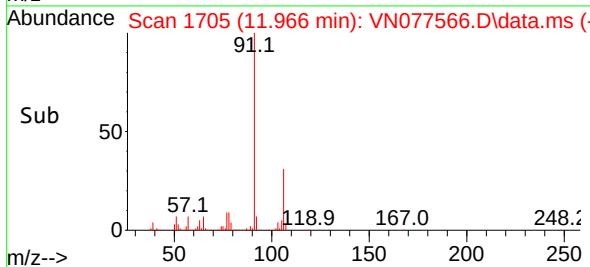
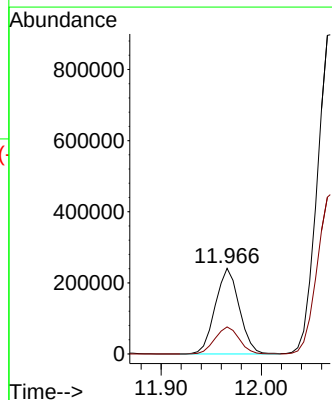
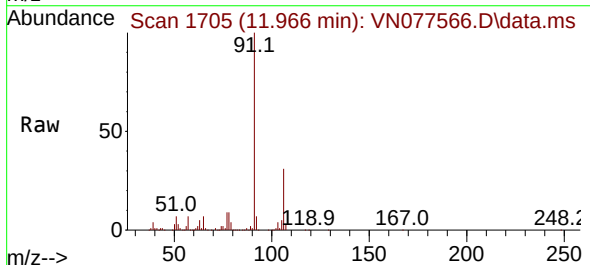
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

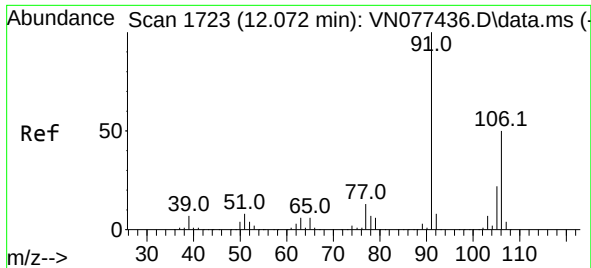
Tgt Ion:117 Resp: 1146493
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 33.3 25.6 38.4



#67
Ethyl Benzene
Concen: 9.381 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 91 Resp: 400662
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

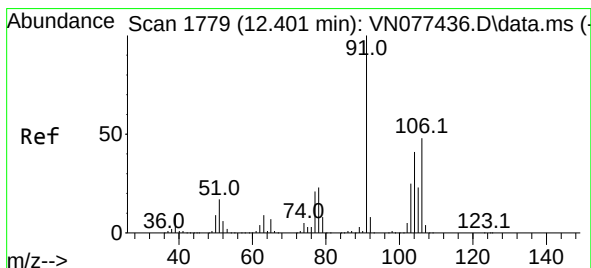
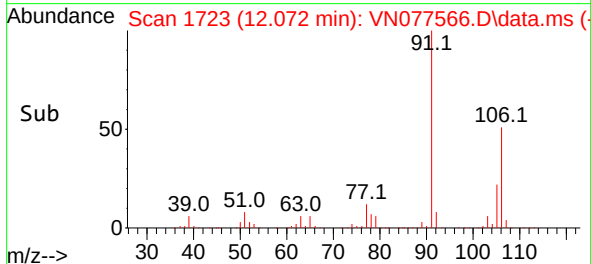
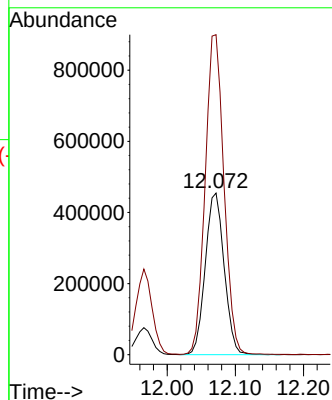
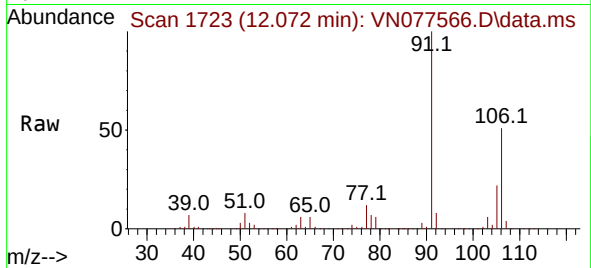




#68
m/p-Xylenes
Concen: 52.615 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

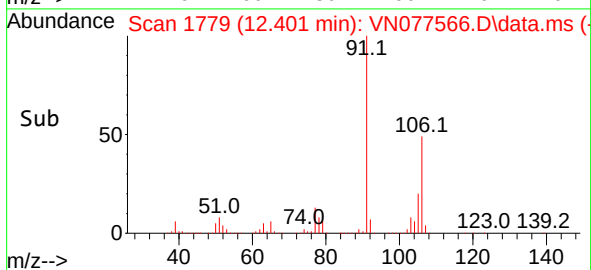
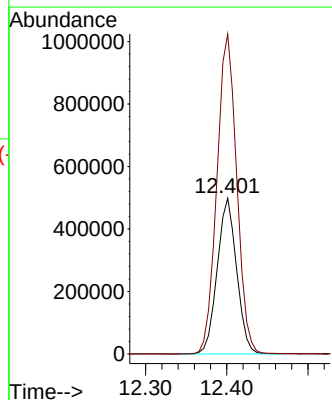
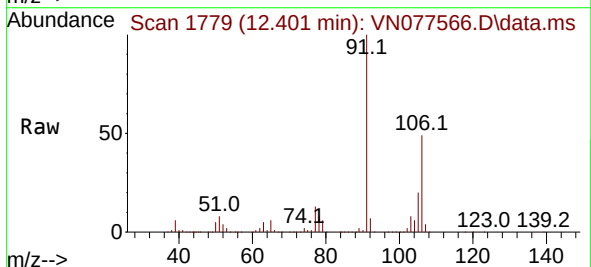
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

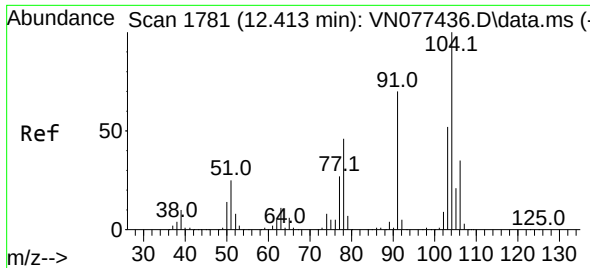
Tgt Ion:106 Resp: 873336
Ion Ratio Lower Upper
106 100
91 196.8 159.6 239.4



#69
o-Xylene
Concen: 50.680 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion:106 Resp: 827438
Ion Ratio Lower Upper
106 100
91 210.6 105.2 315.5

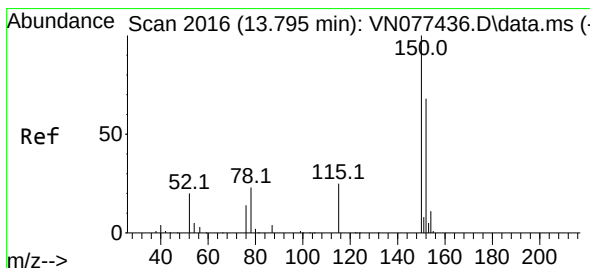
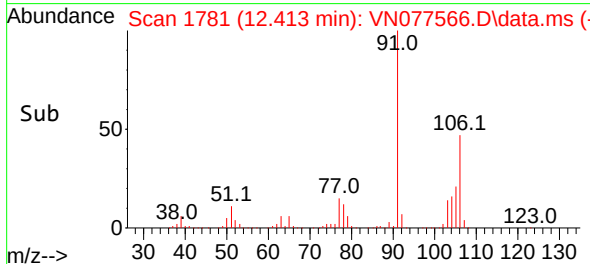
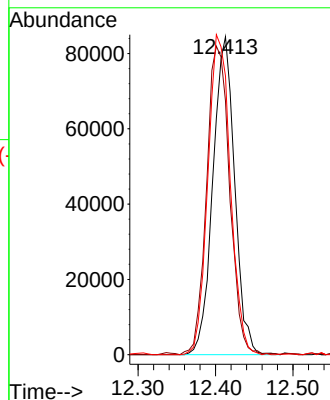
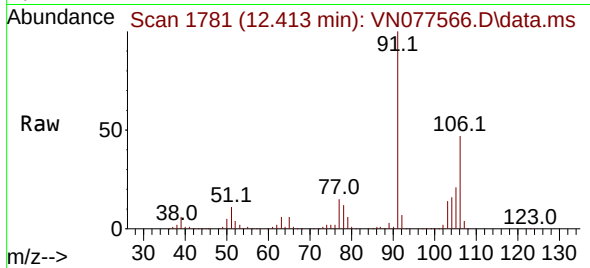




#70
Styrene
Concen: 6.452 ug/l
RT: 12.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

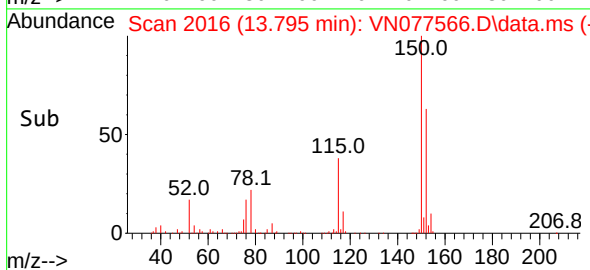
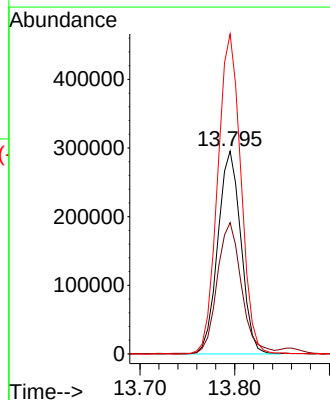
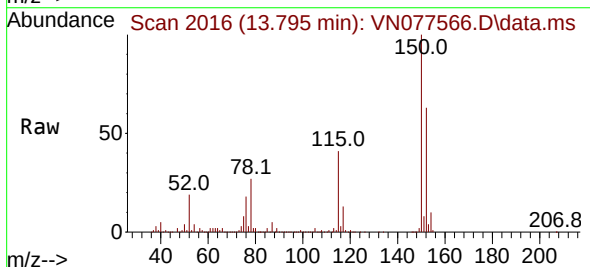
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

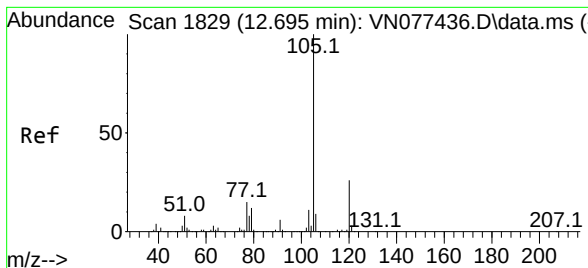
Tgt Ion:104 Resp: 164741
Ion Ratio Lower Upper
104 100
78 102.9 39.5 59.3#
103 103.7 43.2 64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion:152 Resp: 499806
Ion Ratio Lower Upper
152 100
115 68.8 32.3 96.8
150 158.8 0.0 355.8





#73

Isopropylbenzene

Concen: 0.552 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077566.D

Acq: 03 May 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

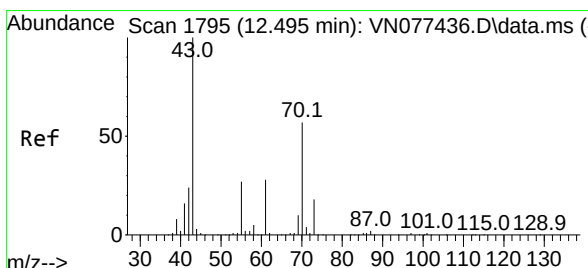
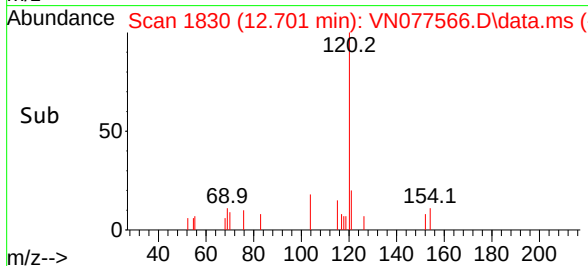
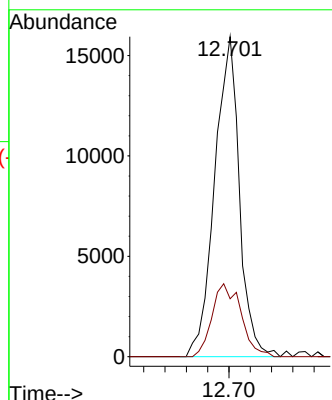
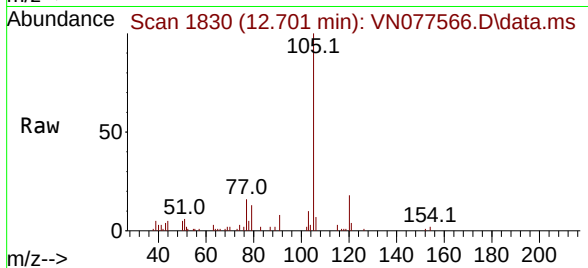
AUD-1986

Tgt Ion:105 Resp: 25604

Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.1



#74

N-ethyl acetate

Concen: 0.724 ug/l

RT: 12.466 min Scan# 1790

Delta R.T. -0.029 min

Lab File: VN077566.D

Acq: 03 May 2023 16:33

Tgt Ion: 43 Resp: 9947

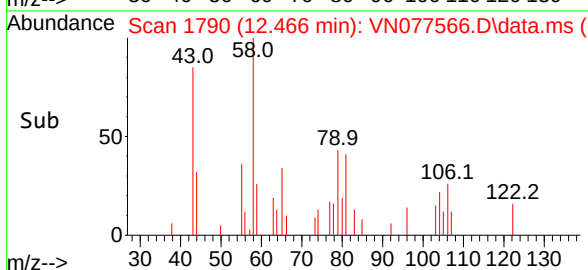
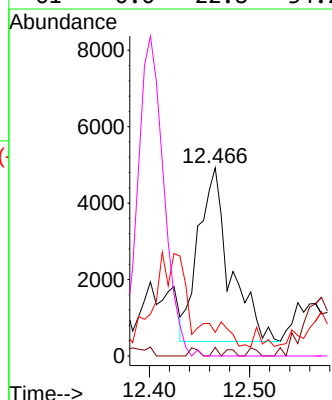
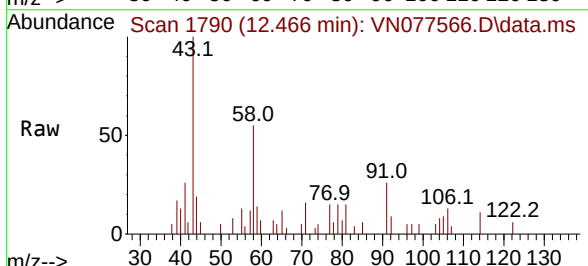
Ion Ratio Lower Upper

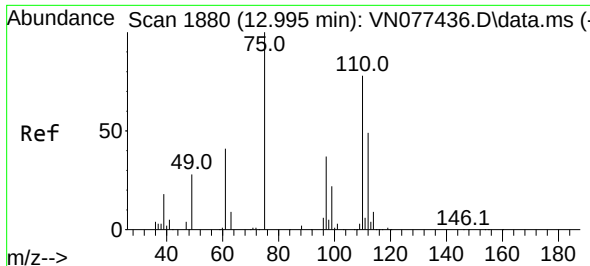
43 100

70 0.0 43.4 65.2#

55 0.0 21.4 32.0#

61 0.0 22.8 34.2#

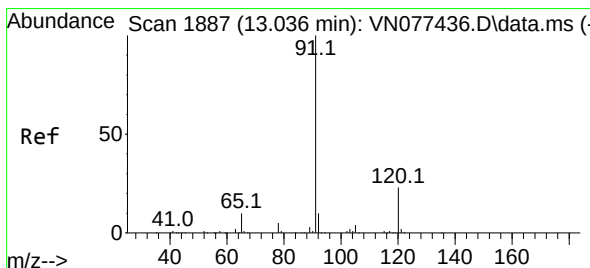
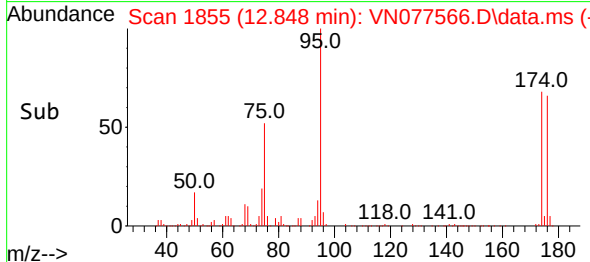
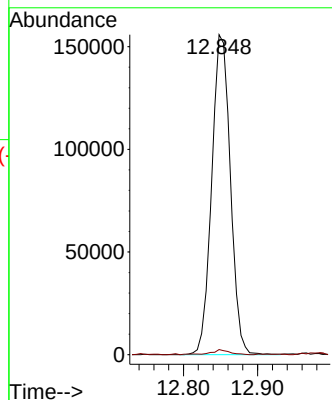
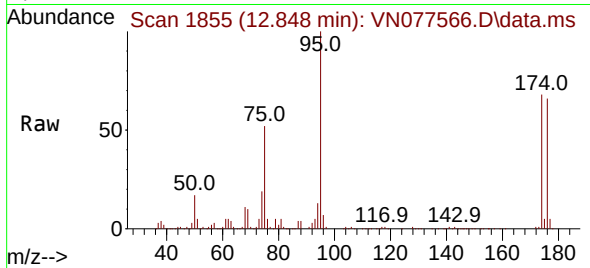




#76
1,2,3-Trichloropropane
Concen: 23.459 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

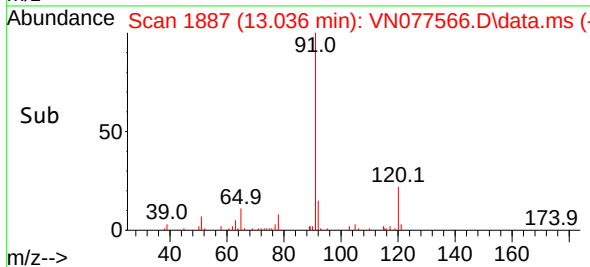
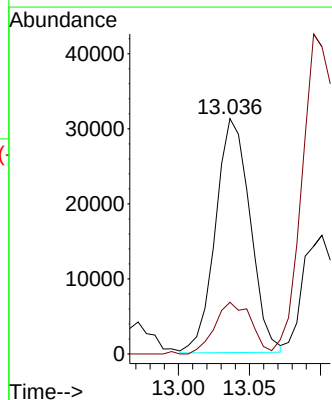
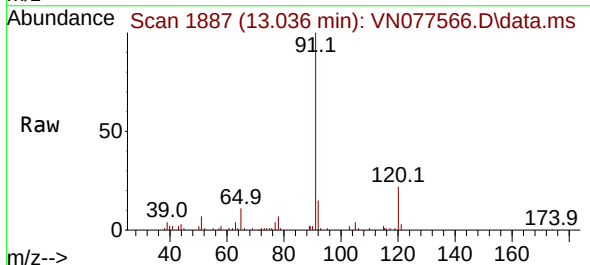
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

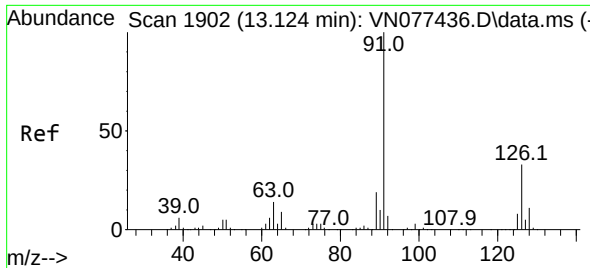
Tgt Ion: 75 Resp: 272653
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#



#78
n-propylbenzene
Concen: 1.031 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion: 91 Resp: 52896
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

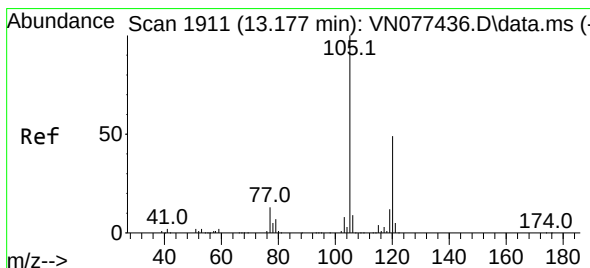
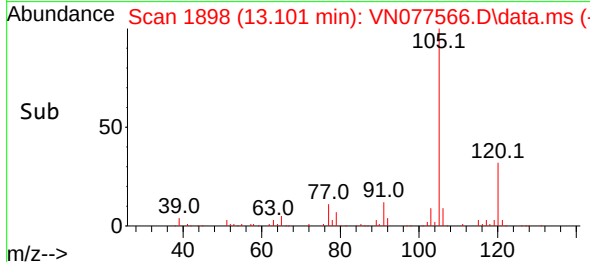
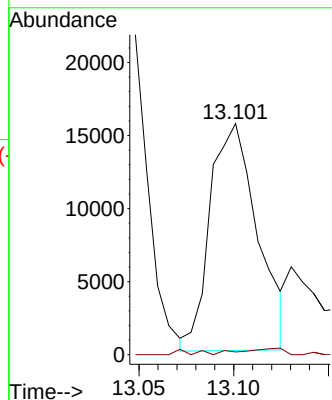
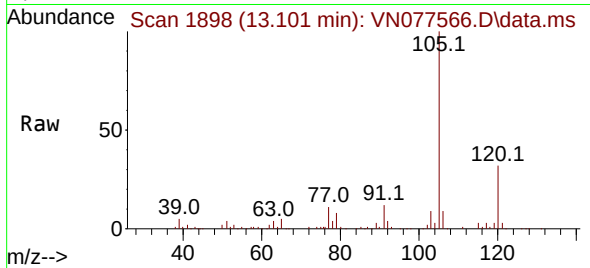




#79
2-Chlorotoluene
Concen: 0.857 ug/l
RT: 13.101 min Scan# 1898
Delta R.T. -0.023 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

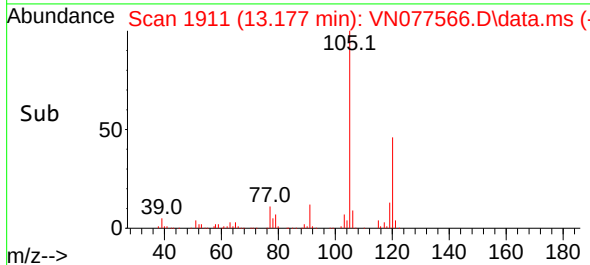
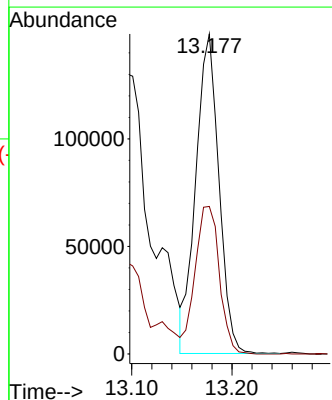
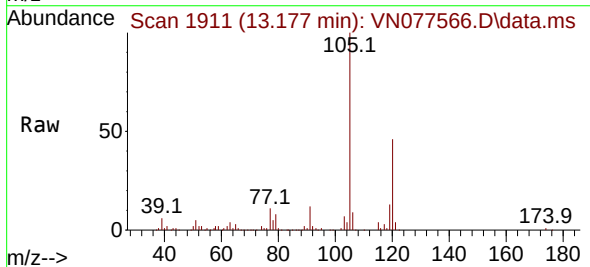
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

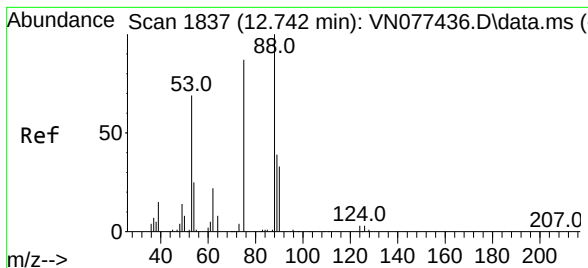
Tgt Ion: 91 Resp: 27085
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 6.906 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion:105 Resp: 237871
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3

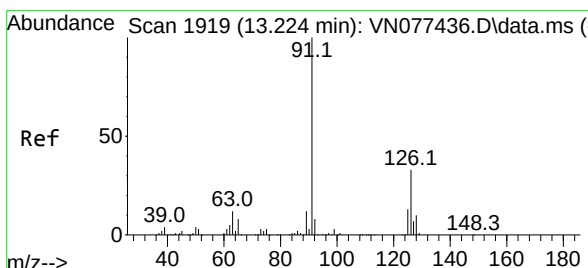
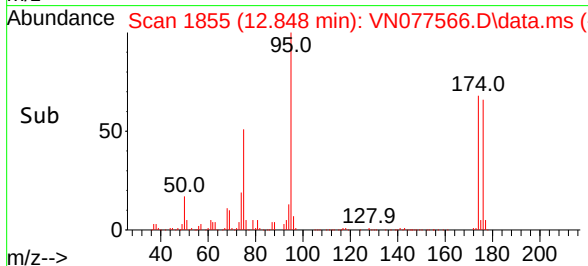
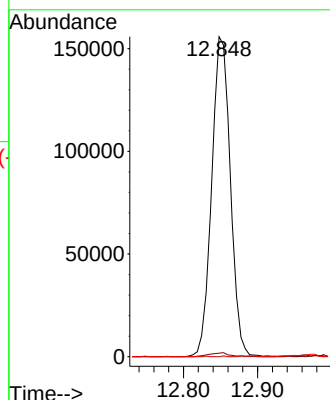
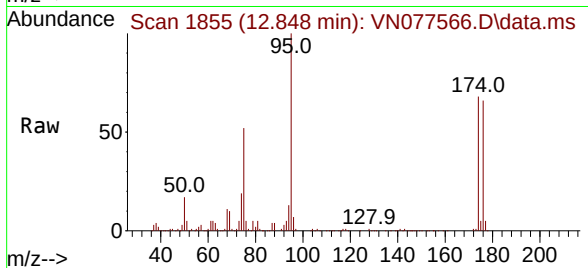




#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.276 ug/l
 RT: 12.848 min Scan# 1855
 Delta R.T. 0.106 min
 Lab File: VN077566.D
 Acq: 03 May 2023 16:33

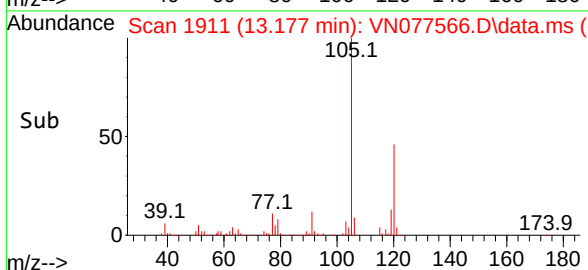
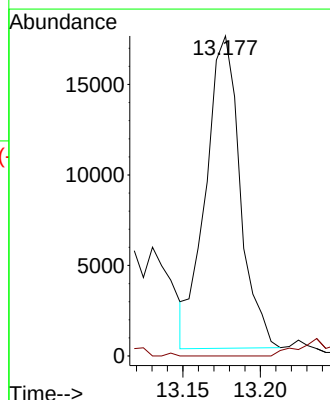
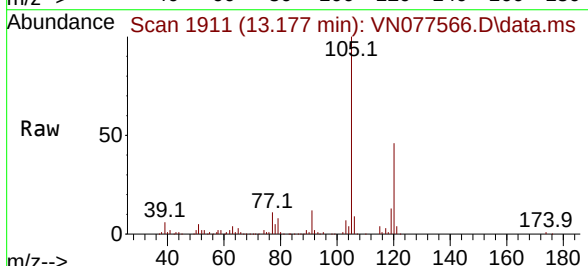
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1986

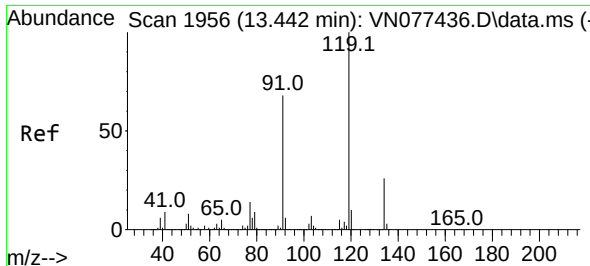
Tgt Ion: 75 Resp: 272653
 Ion Ratio Lower Upper
 75 100
 53 1.4 67.4 101.2#
 89 0.1 38.8 58.2#



#82
 4-Chlorotoluene
 Concen: 0.900 ug/l
 RT: 13.177 min Scan# 1911
 Delta R.T. -0.047 min
 Lab File: VN077566.D
 Acq: 03 May 2023 16:33

Tgt Ion: 91 Resp: 26578
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.7 50.0#

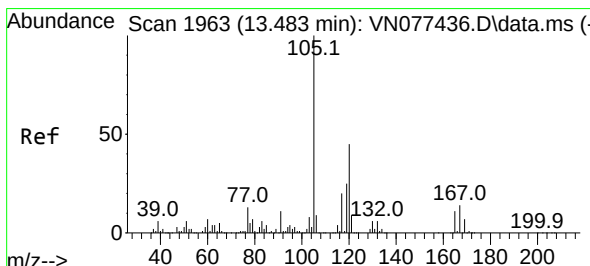
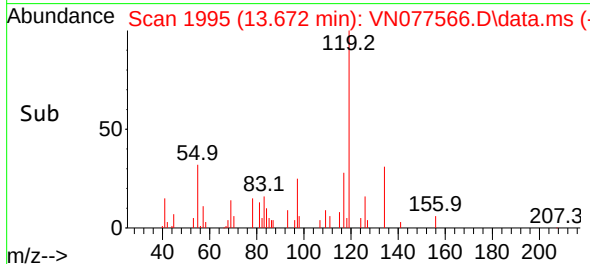
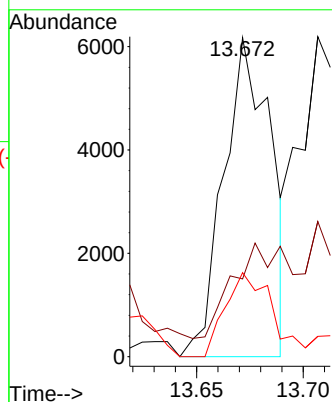
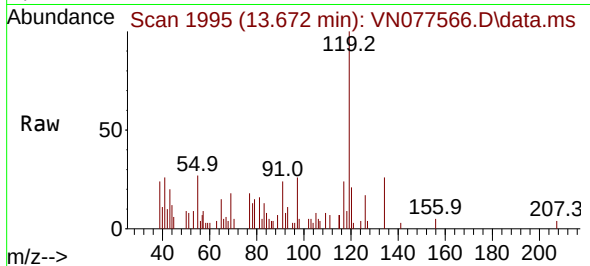




#83
tert-Butylbenzene
Concen: 0.285 ug/l
RT: 13.672 min Scan# 1995
Delta R.T. 0.229 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

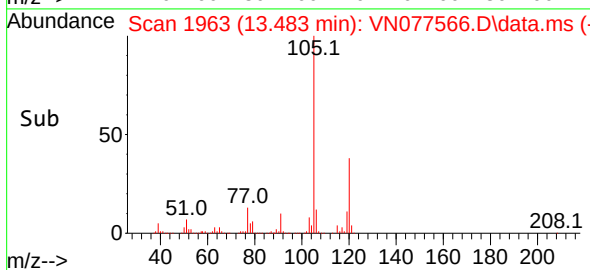
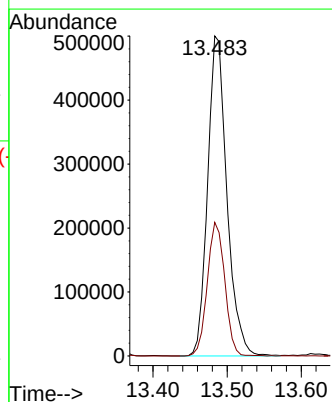
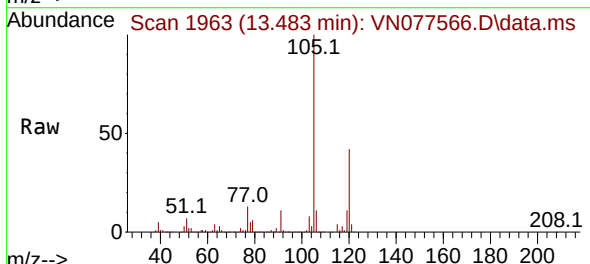
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986

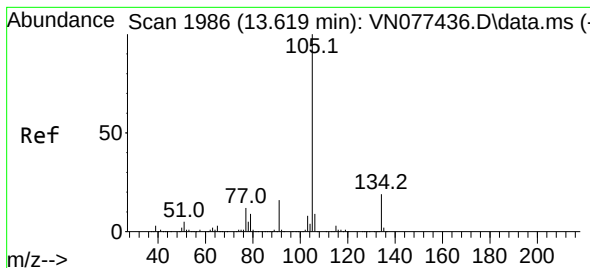
Tgt Ion:119 Resp: 9538
Ion Ratio Lower Upper
119 100
91 34.1 33.9 101.7
134 26.0 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 28.141 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077566.D
Acq: 03 May 2023 16:33

Tgt Ion:105 Resp: 905210
Ion Ratio Lower Upper
105 100
120 37.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.716 ug/l

RT: 13.483 min Scan# 1986

Delta R.T. -0.135 min

Lab File: VN077566.D

Acq: 03 May 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

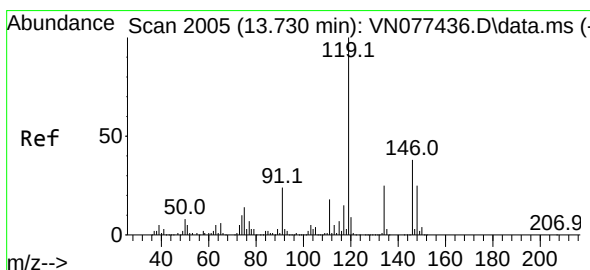
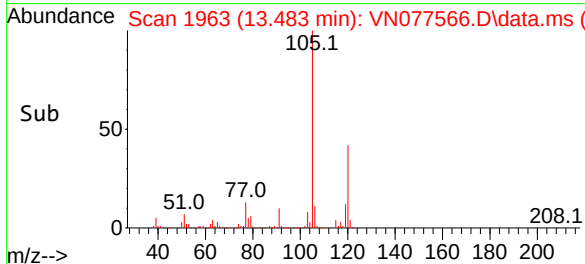
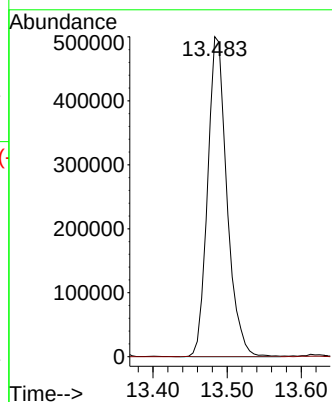
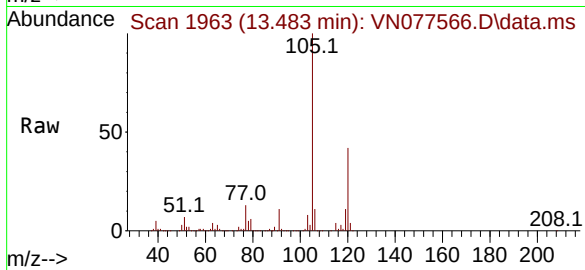
AUD-1986

Tgt Ion:105 Resp: 905210

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 0.333 ug/l

RT: 13.719 min Scan# 2003

Delta R.T. -0.012 min

Lab File: VN077566.D

Acq: 03 May 2023 16:33

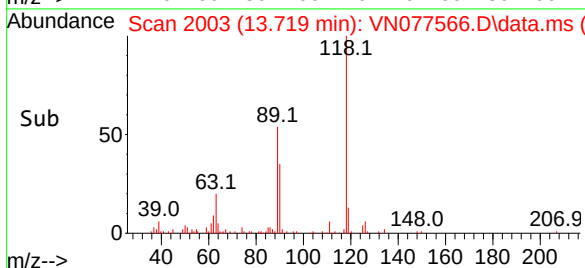
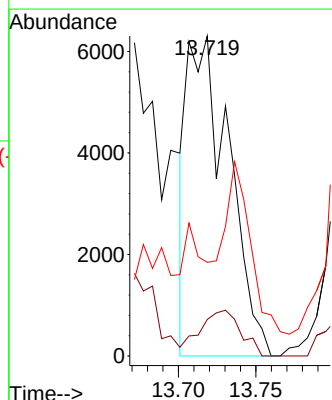
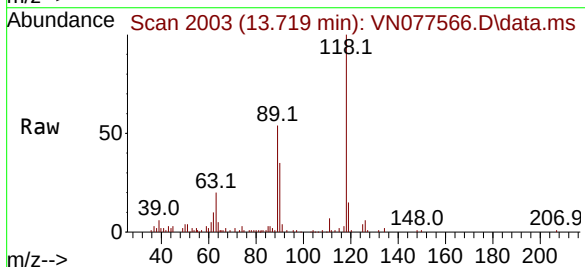
Tgt Ion:119 Resp: 11779

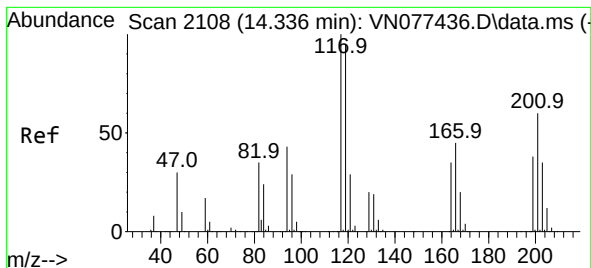
Ion Ratio Lower Upper

119 100

134 13.9 12.6 37.8

91 36.1 12.4 37.2





#90

Hexachloroethane

Concen: 0.860 ug/l

RT: 14.395 min Scan# 2118

Delta R.T. 0.059 min

Lab File: VN077566.D

Acq: 03 May 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

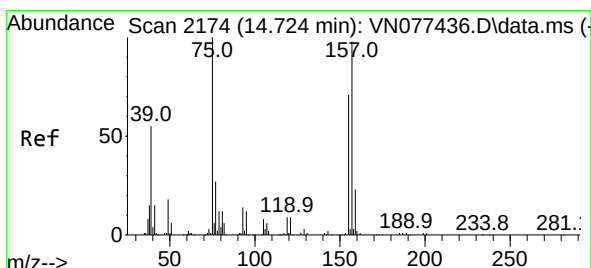
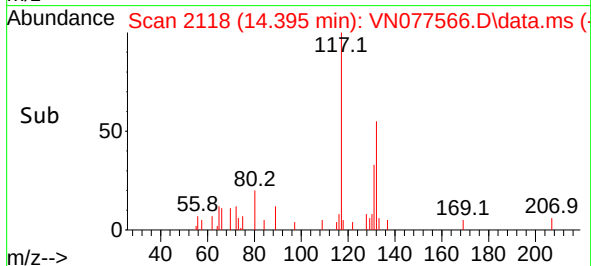
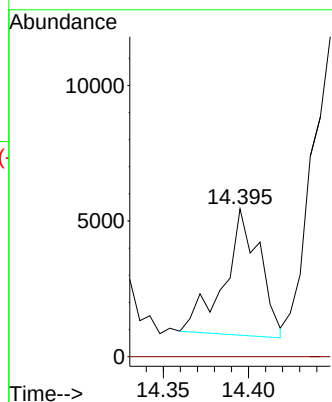
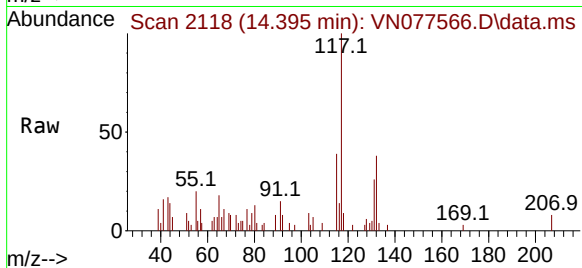
AUD-1986

Tgt Ion:117 Resp: 6713

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.899 ug/l

RT: 14.719 min Scan# 2173

Delta R.T. -0.005 min

Lab File: VN077566.D

Acq: 03 May 2023 16:33

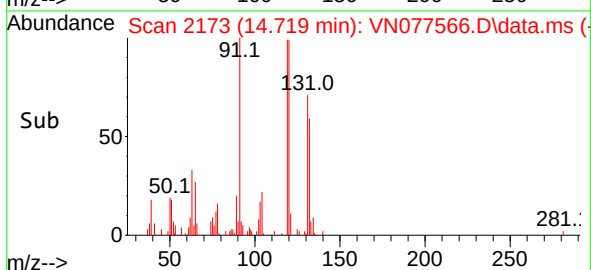
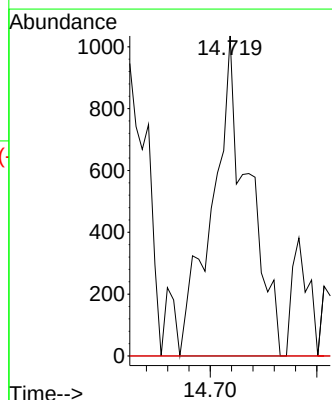
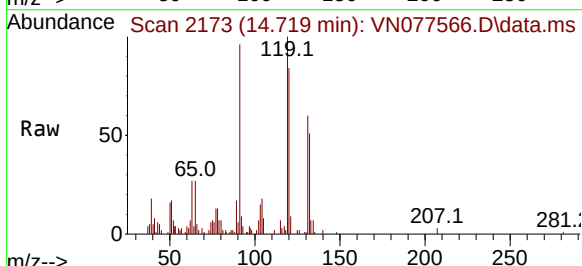
Tgt Ion: 75 Resp: 2422

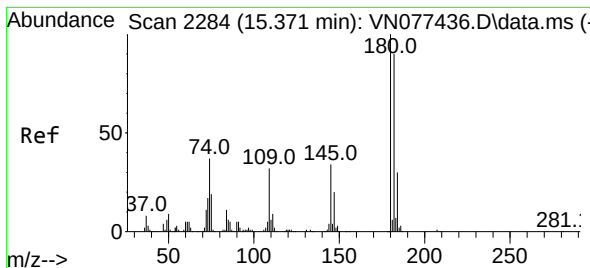
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.831 ug/l

RT: 15.383 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN077566.D

Acq: 03 May 2023 16:33

Instrument :

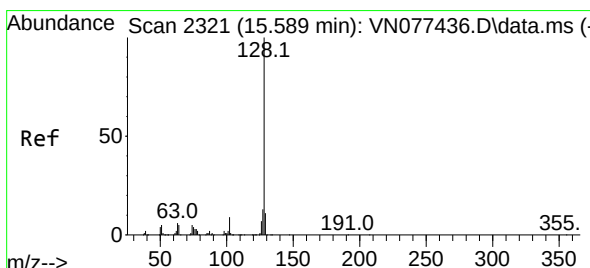
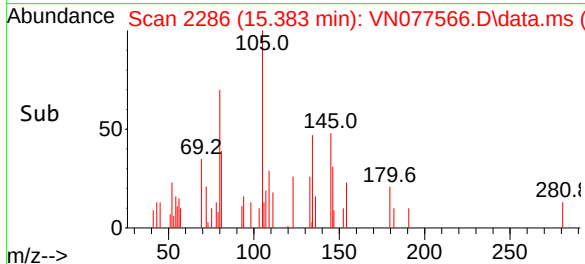
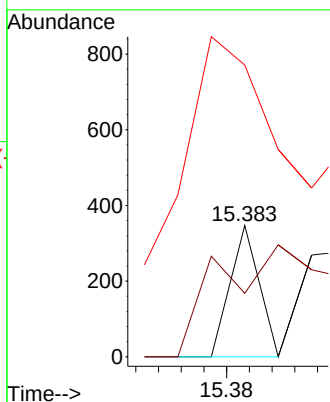
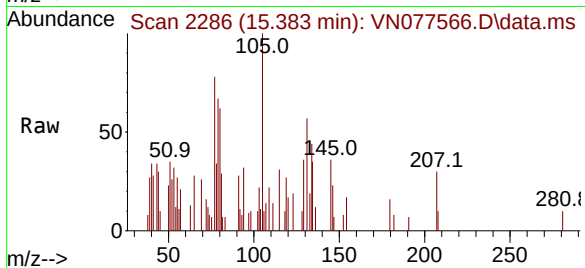
MSVOA_N

ClientSampleId :

AUD-1986

Tgt Ion:180 Resp: 122

Ion	Ratio	Lower	Upper
180	100		
182	340.2	46.1	138.2#
145	1124.6	16.6	49.8#



#95

Naphthalene

Concen: 216.551 ug/l

RT: 15.642 min Scan# 2330

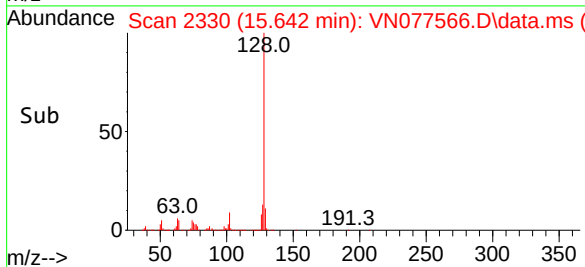
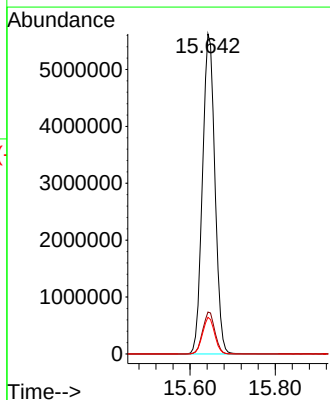
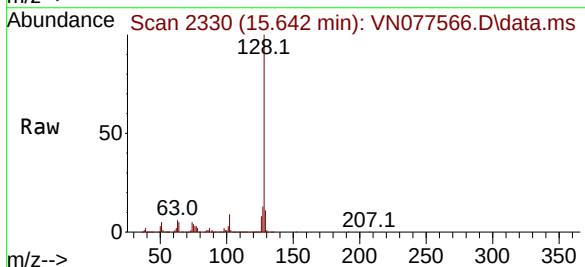
Delta R.T. 0.053 min

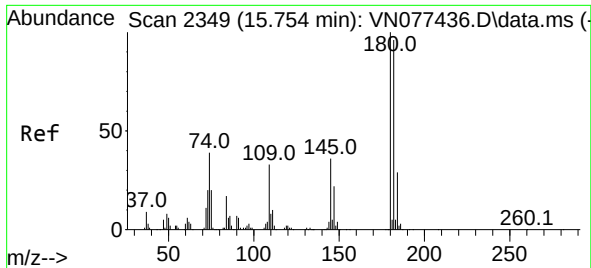
Lab File: VN077566.D

Acq: 03 May 2023 16:33

Tgt Ion:128 Resp:11368217

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	11.1	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.498 ug/l
 RT: 15.830 min Scan# 21
 Delta R.T. 0.076 min
 Lab File: VN077566.D
 Acq: 03 May 2023 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1986

Tgt Ion:180 Resp: 83
 Ion Ratio Lower Upper
 180 100
 182 262.7 46.2 138.6#
 145 0.0 17.5 52.6#

