

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077569.D
 Acq On : 03 May 2023 17:46
 Operator : JC\MD
 Sample : 02566-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1989

Quant Time: May 04 04:54:00 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	670105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1269762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1170037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	518676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	422872	48.361	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.720%
35) Dibromofluoromethane	8.172	113	380569	49.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.740%
50) Toluene-d8	10.572	98	1553689	53.118	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.240%
62) 4-Bromofluorobenzene	12.848	95	557144	58.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	62	0.317	ug/l #	43
3) Chloromethane	2.372	50	1573	0.234	ug/l	99
11) Tert butyl alcohol	5.542	59	26135	18.618	ug/l	96
13) Acrolein	4.184	56	2508	1.796	ug/l #	1
16) Acetone	4.443	43	316919	113.924	ug/l	100
17) Carbon Disulfide	4.731	76	4078	0.215	ug/l #	75
18) Methyl Acetate	5.042	43	20916	1.947	ug/l	93
20) Methylene Chloride	5.284	84	78588	8.908	ug/l	89
25) 2-Butanone	7.495	43	55292	14.014	ug/l	91
29) Tetrahydrofuran	7.866	42	1371	0.555	ug/l #	68
31) Cyclohexane	8.231	56	27022	2.182	ug/l #	11
36) 1,1-Dichloropropene	8.231	75	57280	5.195	ug/l #	48
37) Ethyl Acetate	7.566	43	95011	11.340	ug/l	97
38) Carbon Tetrachloride	8.231	117	74727	6.143	ug/l #	17
39) Methylcyclohexane	9.607	83	9771	0.673	ug/l #	83
40) Benzene	8.613	78	11849194	352.773	ug/l	100
42) 1,2-Dichloroethane	8.613	62	95878	8.311	ug/l #	73
43) Isopropyl Acetate	8.695	43	465795	32.136	ug/l #	87
48) Methyl methacrylate	9.660	41	18266	2.769	ug/l #	4
49) 1,4-Dioxane	9.707	88	168	1.015	ug/l #	30
51) 4-Methyl-2-Pentanone	10.448	43	152958	17.991	ug/l	99
52) Toluene	10.636	92	6674611	303.333	ug/l	97
53) t-1,3-Dichloropropene	10.724	75	3128	0.250	ug/l #	72
54) cis-1,3-Dichloropropene	10.360	75	158609	11.653	ug/l #	61
55) 1,1,2-Trichloroethane	10.889	97	46136	5.214	ug/l #	20
56) Ethyl methacrylate	10.889	69	3733	0.301	ug/l #	32
57) 1,3-Dichloropropane	11.207	76	18821	1.335	ug/l #	45
59) 2-Hexanone	11.172	43	248483	40.209	ug/l #	19
67) Ethyl Benzene	11.966	91	1010782	23.191	ug/l	99
68) m/p-Xylenes	12.071	106	2259876	133.408	ug/l	98
69) o-Xylene	12.401	106	2212187	132.769	ug/l	99
70) Styrene	12.413	104	448288	17.204	ug/l #	26
71) Bromoform	12.848	173	2370	0.402	ug/l #	28
73) Isopropylbenzene	12.695	105	67582	1.404	ug/l	98
74) N-amyl acetate	12.460	43	19100	1.340	ug/l #	36
76) 1,2,3-Trichloropropane	12.854	75	288014	23.879	ug/l #	1

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

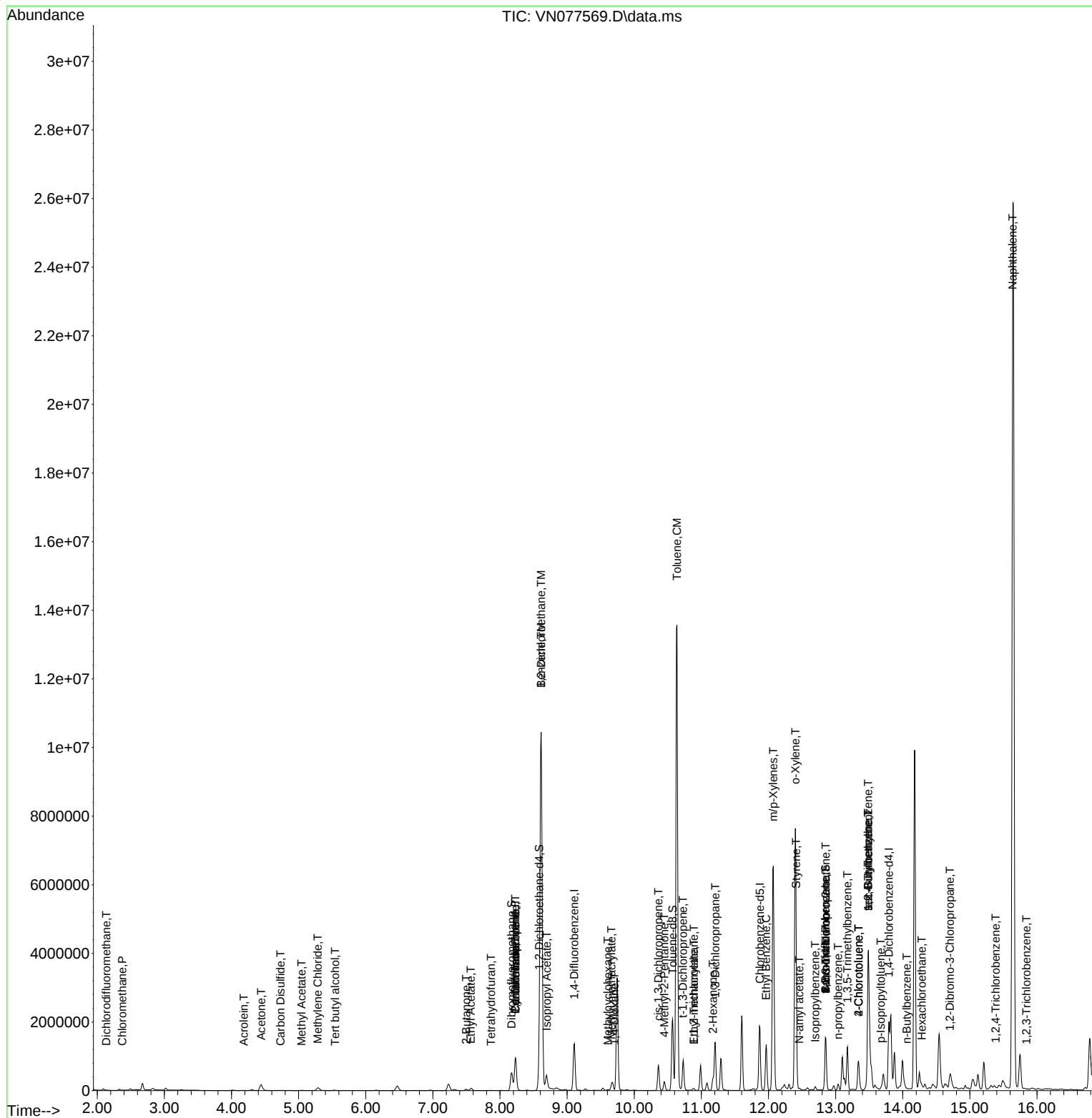
78) n-propylbenzene	13.036	91	144073	2.707	ug/l	98
79) 2-Chlorotoluene	13.342	91	69953	2.132	ug/l	91
80) 1,3,5-Trimethylbenzene	13.177	105	731802	20.474	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.854	75	288014	67.463	ug/l #	19
82) 4-Chlorotoluene	13.342	91	70131	2.287	ug/l	89
83) tert-Butylbenzene	13.483	119	268636	7.739	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.483	105	2800997	83.909	ug/l	87
85) sec-Butylbenzene	13.483	105	2800997	58.789	ug/l #	57
86) p-Isopropyltoluene	13.671	119	26737	0.729	ug/l	91
89) n-Butylbenzene	14.060	91	7706	0.272	ug/l #	62
90) Hexachloroethane	14.283	117	16966	2.095	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.701	75	3222	1.152	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.383	180	183	0.846	ug/l #	1
95) Naphthalene	15.636	128	21803476	305.442	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.842	180	577	0.641	ug/l #	76

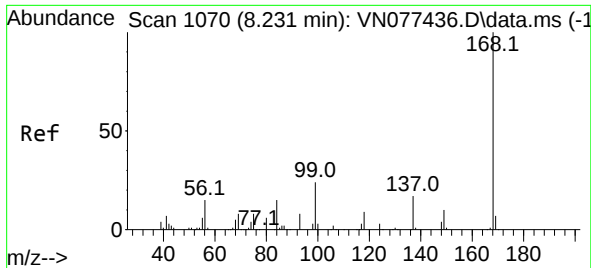
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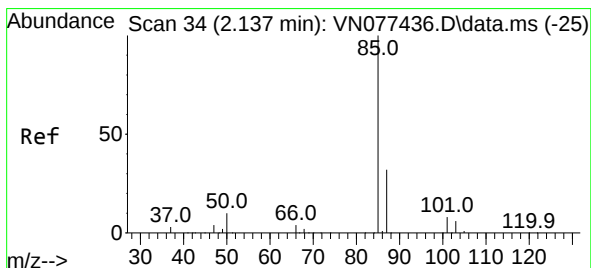
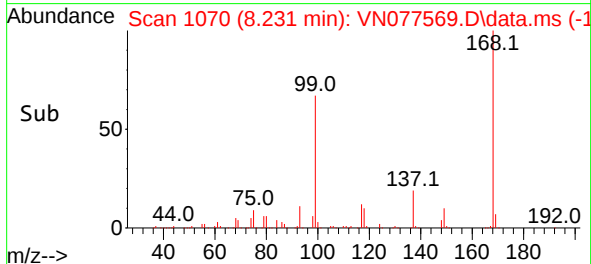
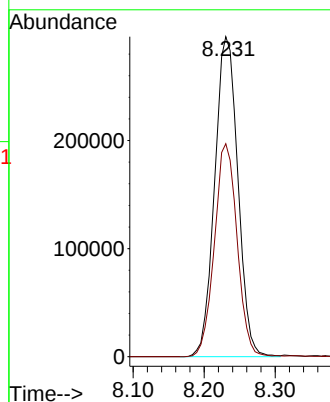
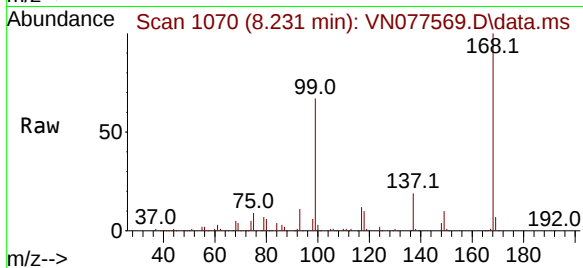




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

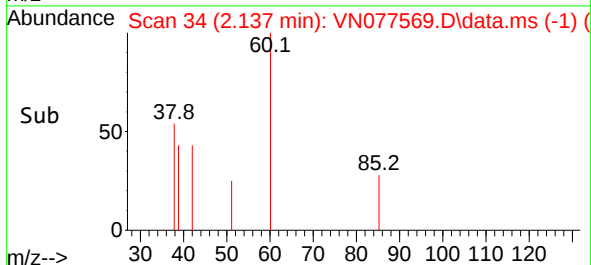
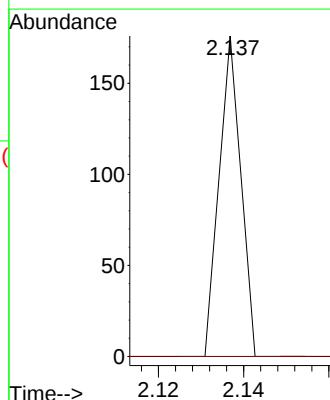
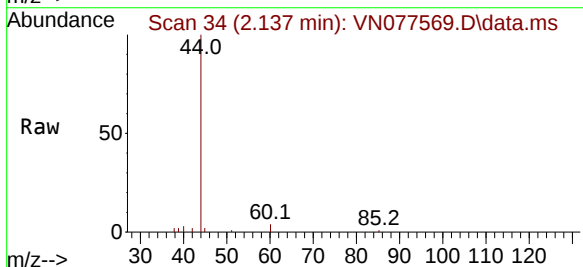
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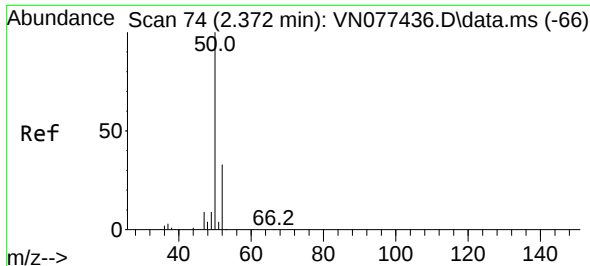
Tgt Ion:168 Resp: 670105
Ion Ratio Lower Upper
168 100
99 66.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.317 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 85 Resp: 62
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

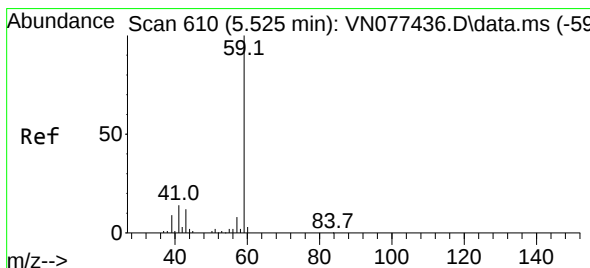
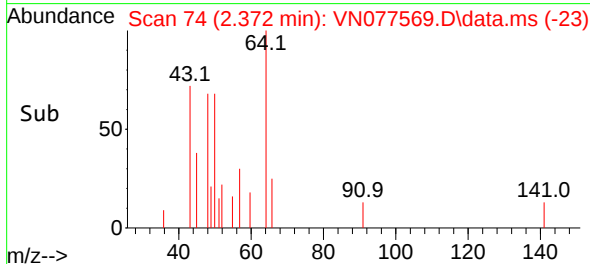
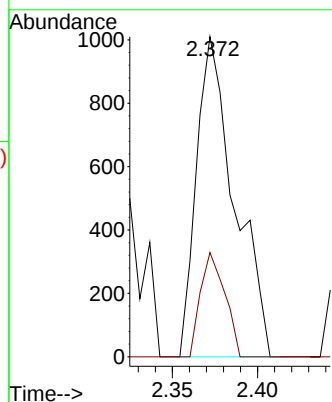
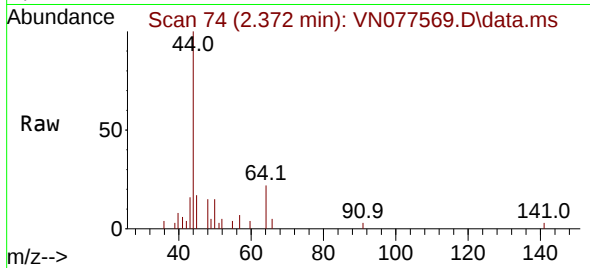




#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

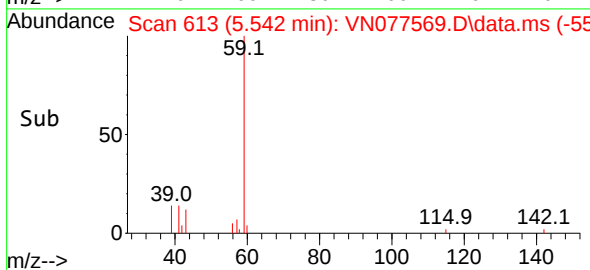
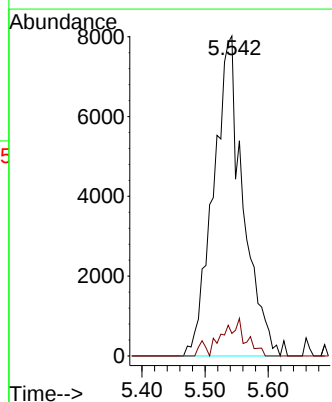
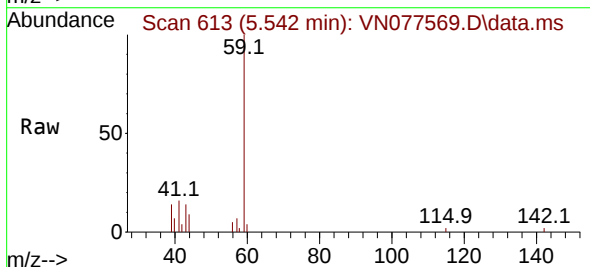
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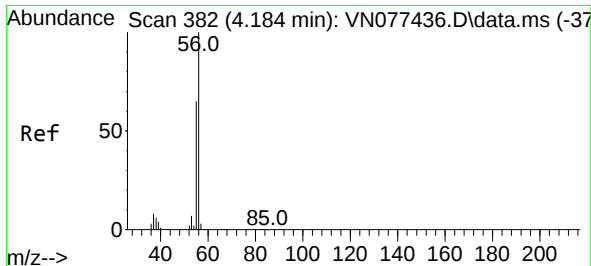
Tgt Ion: 50 Resp: 1573
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#11
Tert butyl alcohol
Concen: 18.618 ug/l
RT: 5.542 min Scan# 613
Delta R.T. 0.018 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 59 Resp: 26135
Ion Ratio Lower Upper
59 100
57 8.7 8.2 12.4

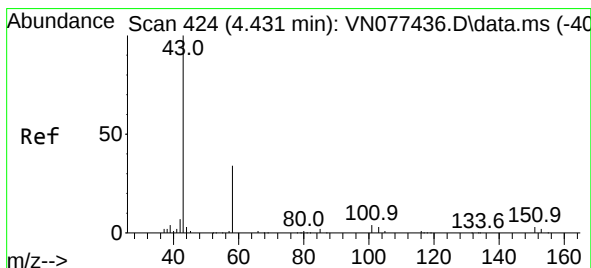
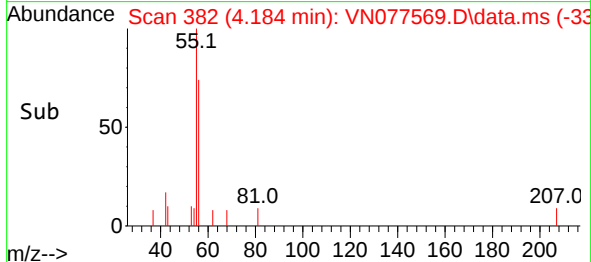
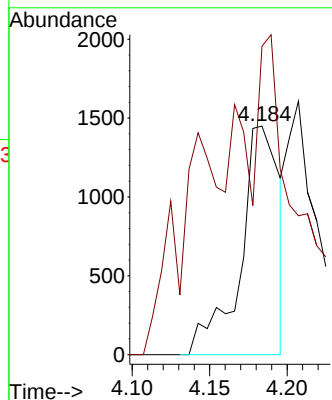
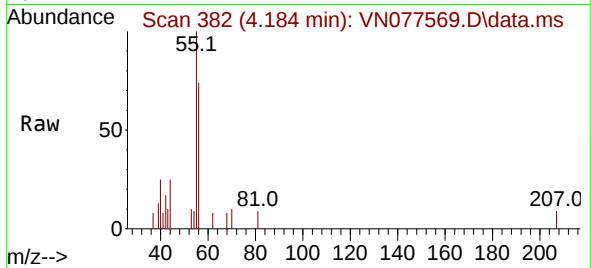




#13
Acrolein
Concen: 1.796 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

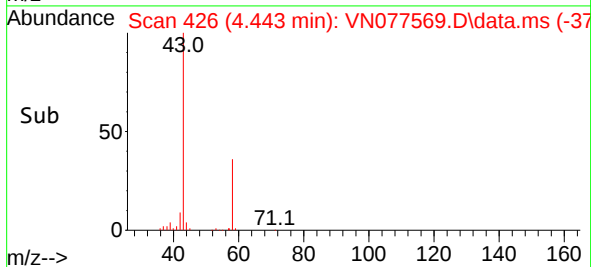
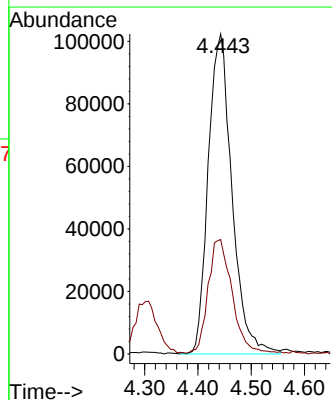
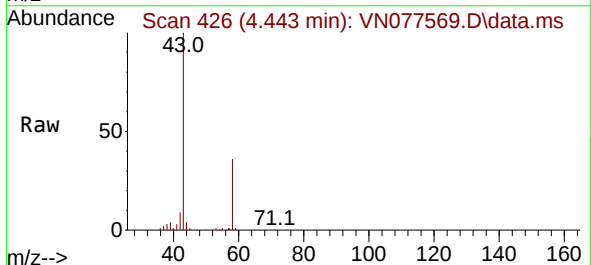
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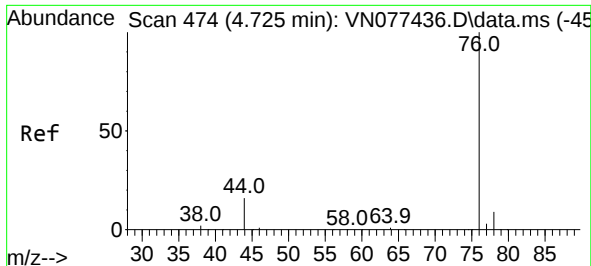
Tgt Ion: 56 Resp: 2508
Ion Ratio Lower Upper
56 100
55 205.9 54.5 81.7#



#16
Acetone
Concen: 113.924 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 43 Resp: 316919
Ion Ratio Lower Upper
43 100
58 35.3 28.0 42.0

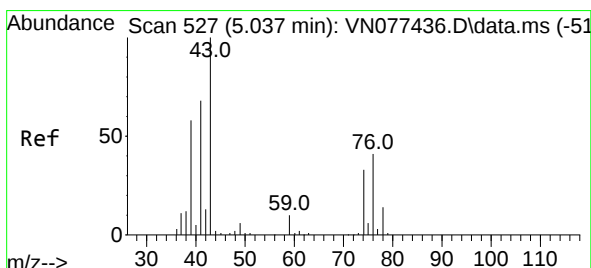
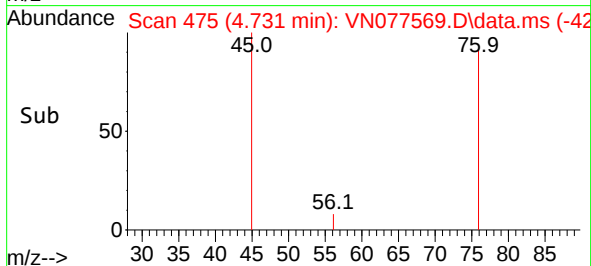
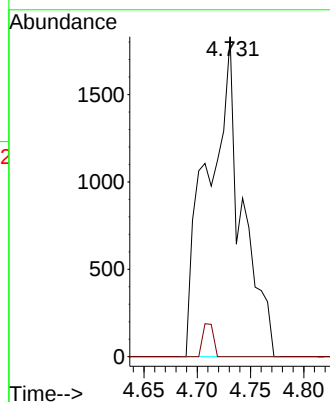
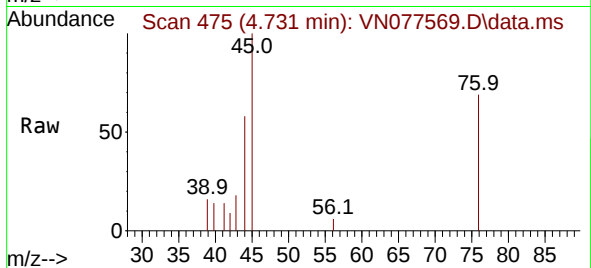




#17
Carbon Disulfide
Concen: 0.215 ug/l
RT: 4.731 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077569.D
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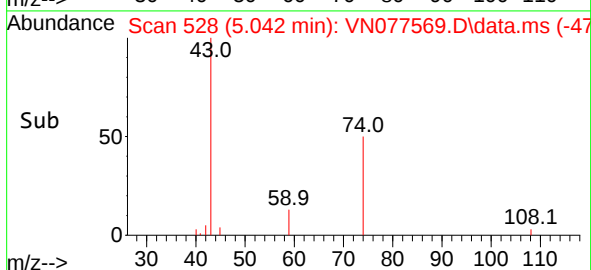
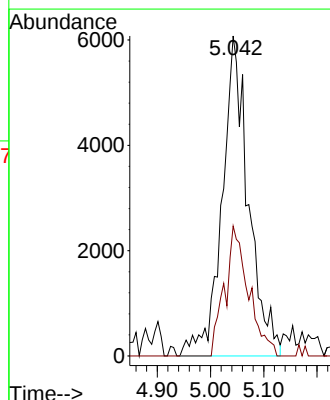
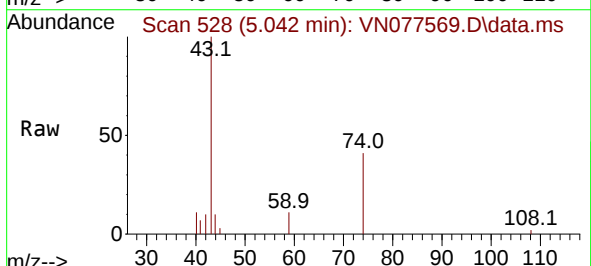
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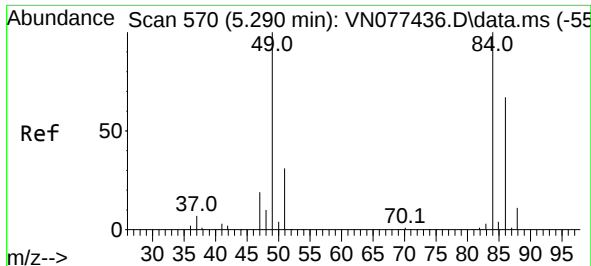
Tgt Ion: 76 Resp: 4078
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 1.947 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 43 Resp: 20916
Ion Ratio Lower Upper
43 100
74 36.6 26.2 39.4

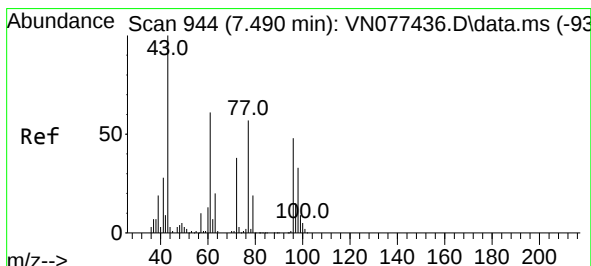
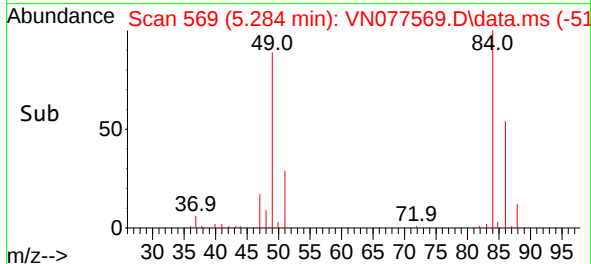
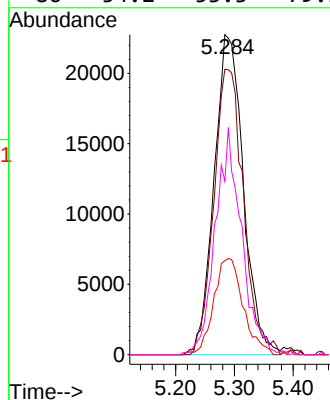
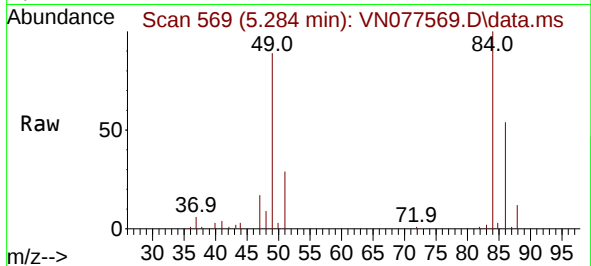




#20
Methylene Chloride
Concen: 8.908 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
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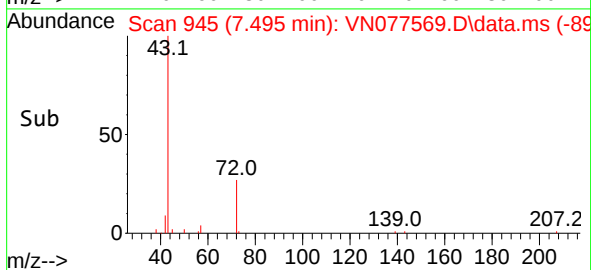
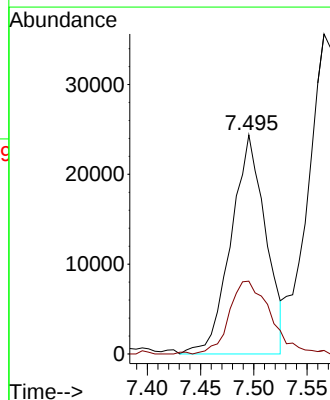
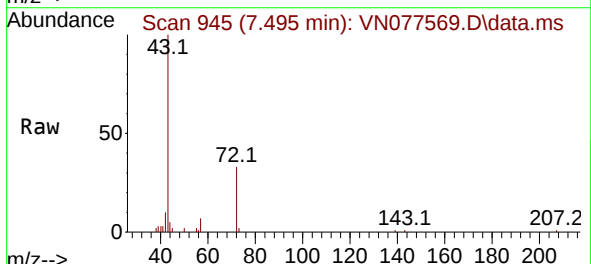
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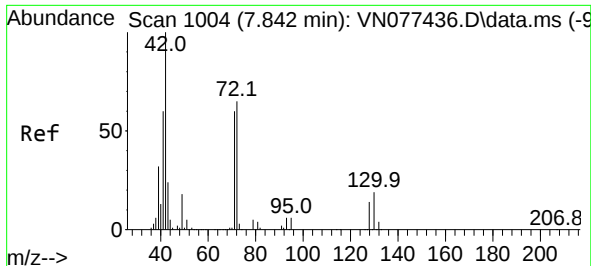
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Ion Ratio	Lower Upper
84 100	
49 89.2	79.7 119.5
51 29.4	25.2 37.8
86 54.2	53.3 79.9



#25
2-Butanone
Concen: 14.014 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 43	Resp: 55292		
Ion Ratio	Lower	Upper	
43 100			
72 32.4	30.2	45.2	

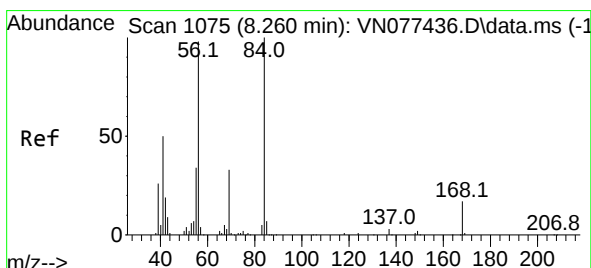
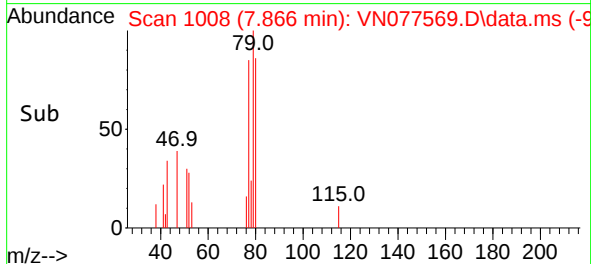
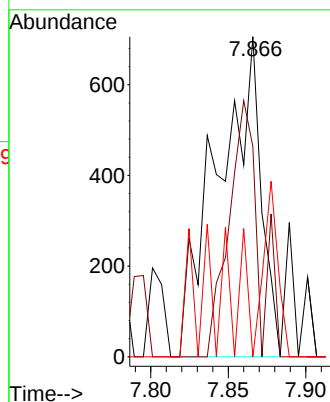
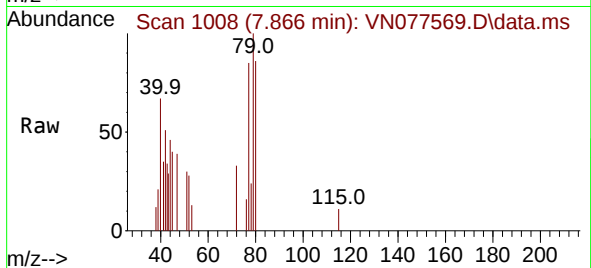




#29
Tetrahydrofuran
Concen: 0.555 ug/l
RT: 7.866 min Scan# 1008
Delta R.T. 0.023 min
Lab File: VN077569.D
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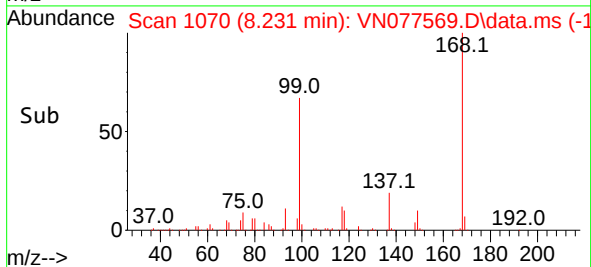
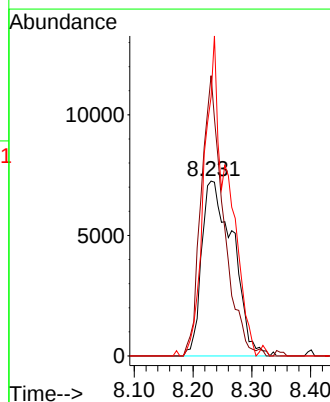
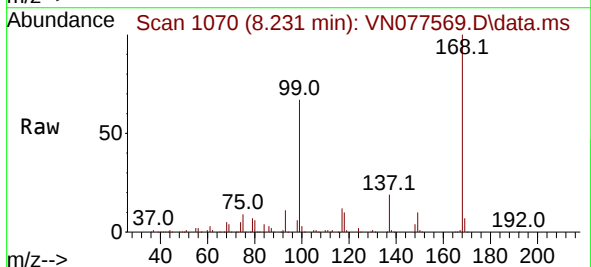
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AUD-1989

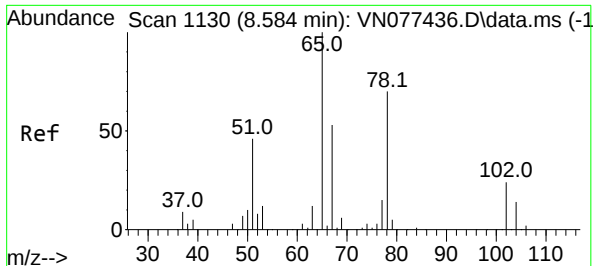
Tgt Ion: 42 Resp: 1371
Ion Ratio Lower Upper
42 100
72 54.9 49.8 74.6
71 18.3 47.4 71.2#



#31
Cyclohexane
Concen: 2.182 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.030 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 56 Resp: 27022
Ion Ratio Lower Upper
56 100
69 160.3 26.8 40.2#
84 148.1 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 48.361 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077569.D

Acq: 03 May 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

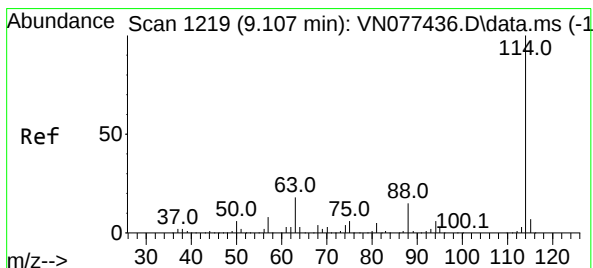
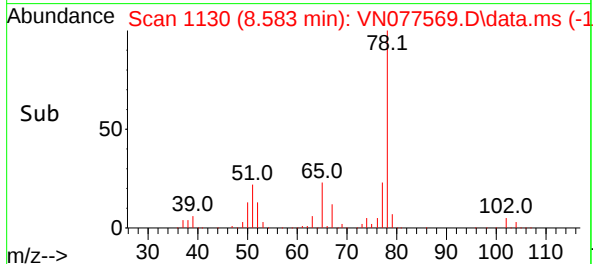
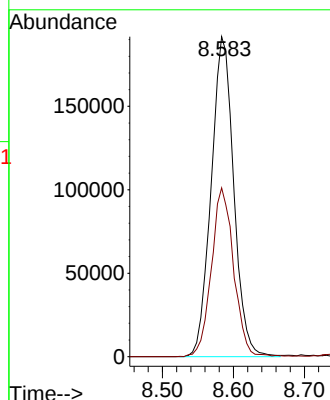
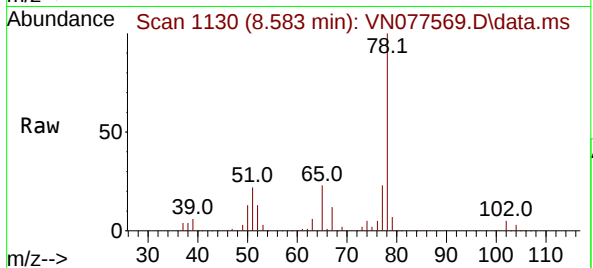
AUD-1989

Tgt Ion: 65 Resp: 422872

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077569.D

Acq: 03 May 2023 17:46

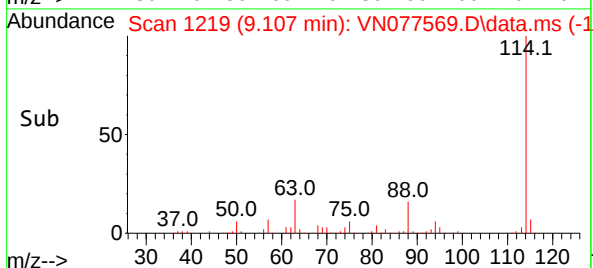
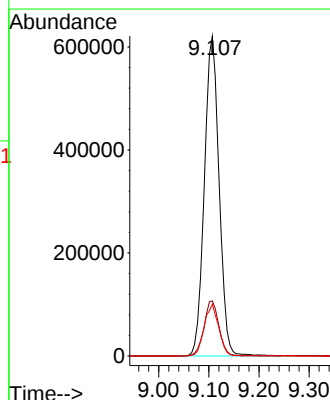
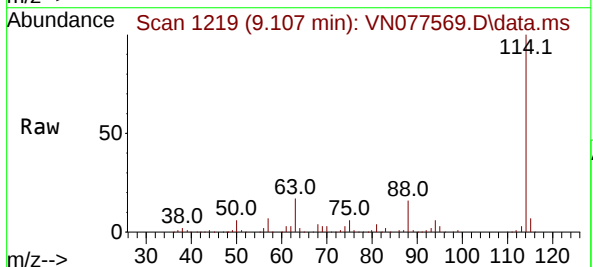
Tgt Ion: 114 Resp: 1269762

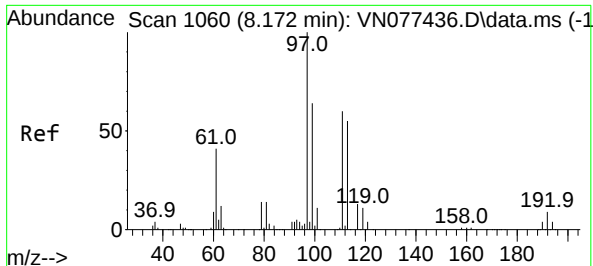
Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.4

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.866 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077569.D

Acq: 03 May 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

AUD-1989

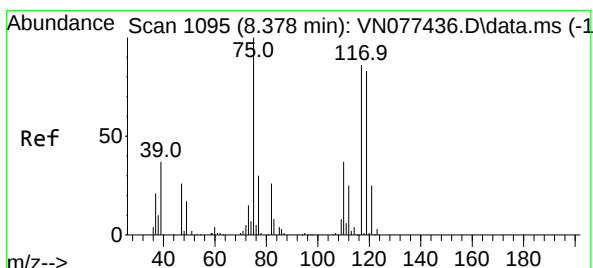
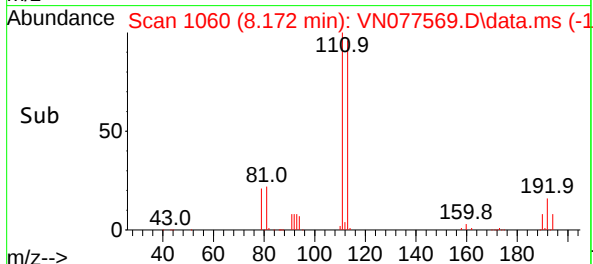
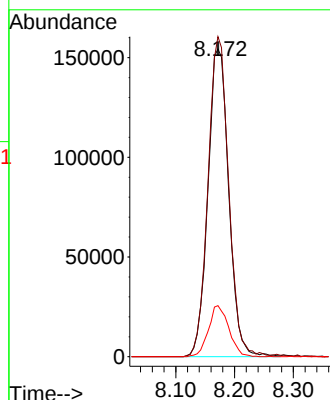
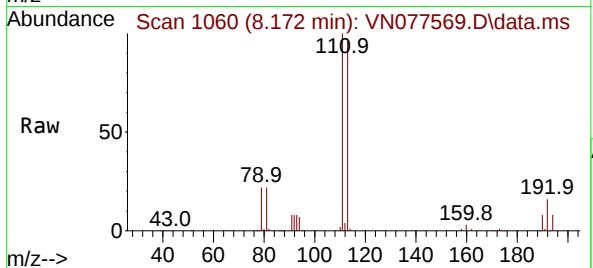
Tgt Ion:113 Resp: 380569

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 16.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 5.195 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.147 min

Lab File: VN077569.D

Acq: 03 May 2023 17:46

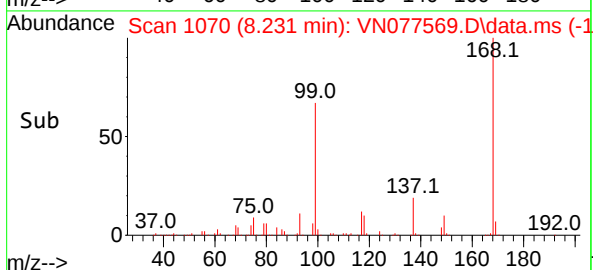
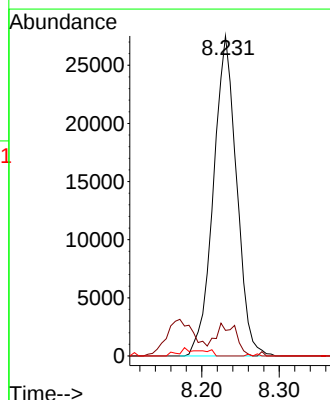
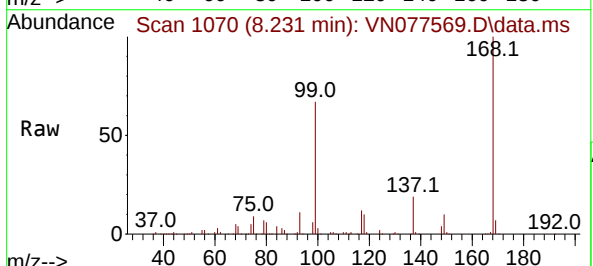
Tgt Ion: 75 Resp: 57280

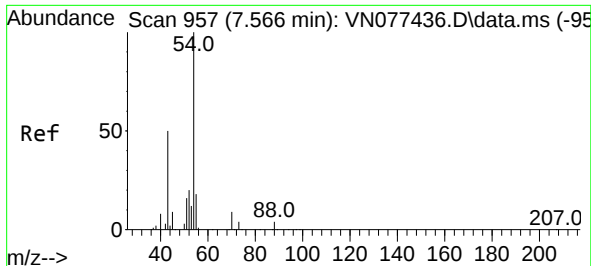
Ion Ratio Lower Upper

75 100

110 9.1 19.1 57.3#

77 0.0 25.0 37.4#

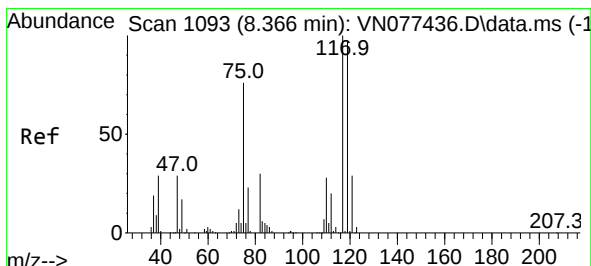
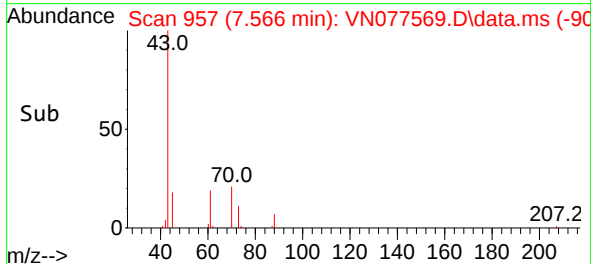
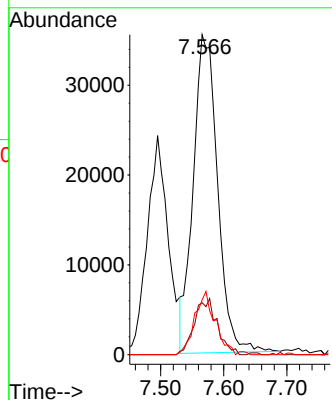
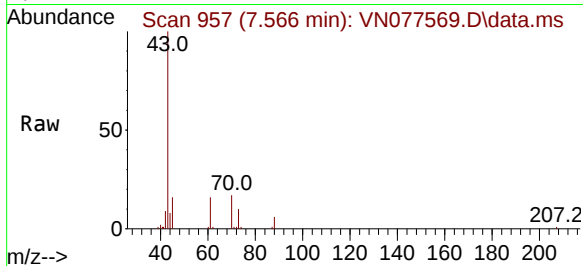




#37
Ethyl Acetate
Concen: 11.340 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

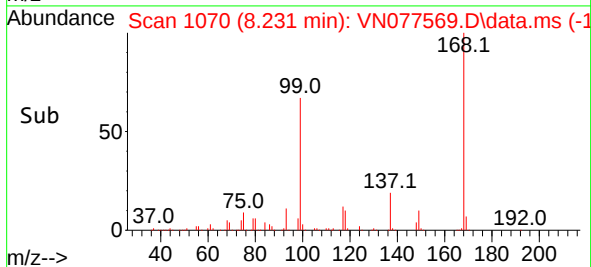
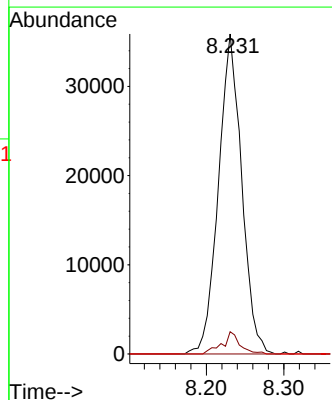
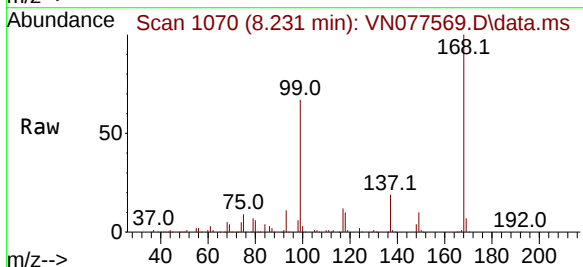
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

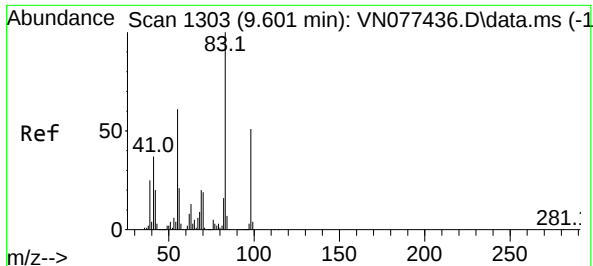
Tgt Ion: 43 Resp: 95011
Ion Ratio Lower Upper
43 100
61 16.5 13.2 19.8
70 16.7 11.3 16.9



#38
Carbon Tetrachloride
Concen: 6.143 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 117 Resp: 74727
Ion Ratio Lower Upper
117 100
119 7.0 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.673 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077569.D

Acq: 03 May 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

AUD-1989

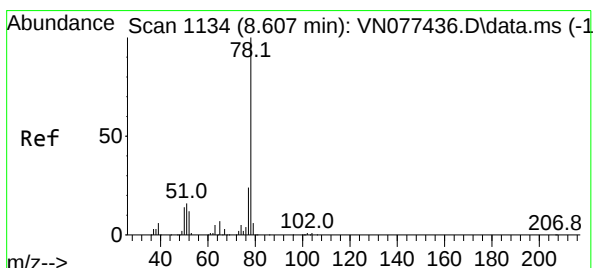
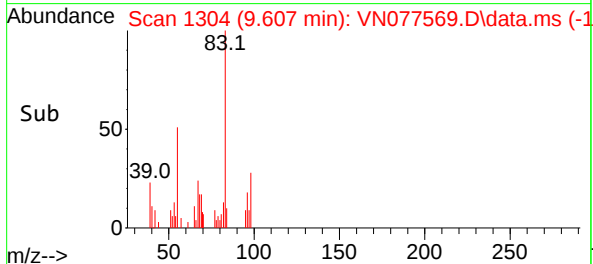
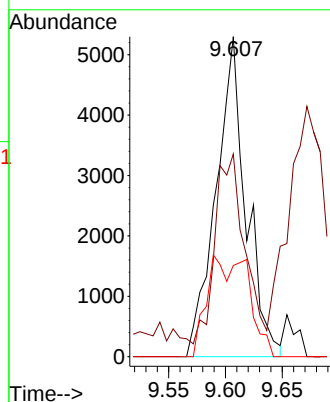
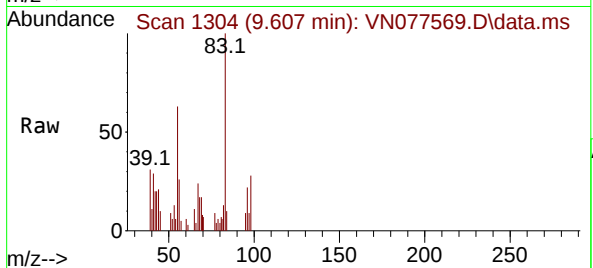
Tgt Ion: 83 Resp: 9771

Ion Ratio Lower Upper

83 100

55 57.5 49.1 73.7

98 28.5 40.6 61.0#



#40

Benzene

Concen: 352.773 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077569.D

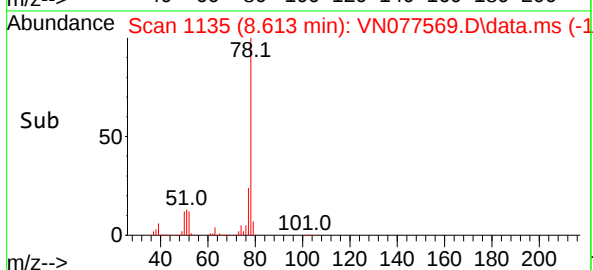
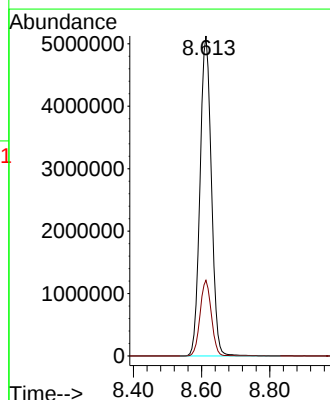
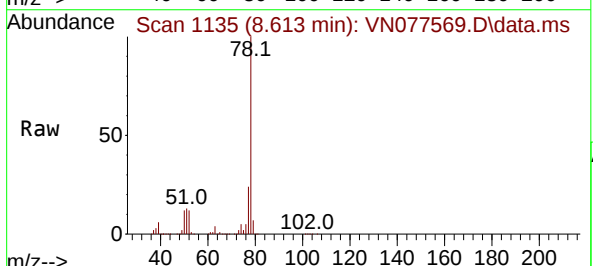
Acq: 03 May 2023 17:46

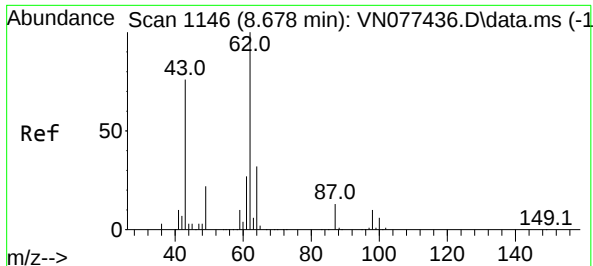
Tgt Ion: 78 Resp:11849194

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6





#42

1,2-Dichloroethane

Concen: 8.311 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.065 min

Lab File: VN077569.D

Acq: 03 May 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

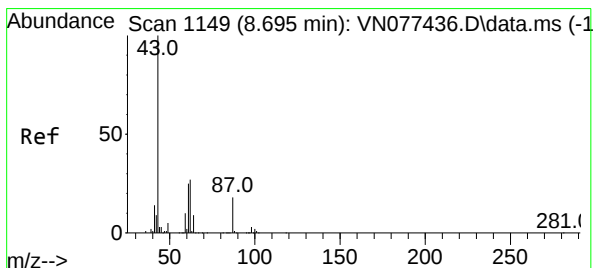
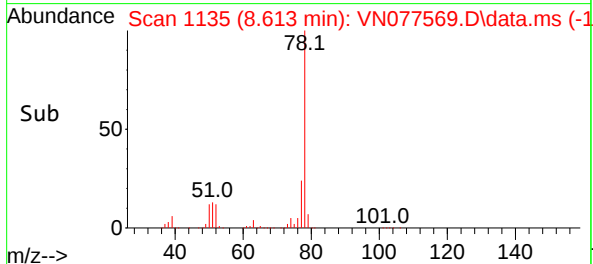
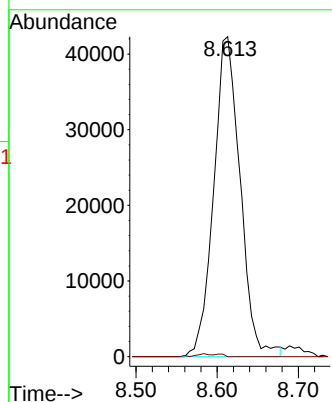
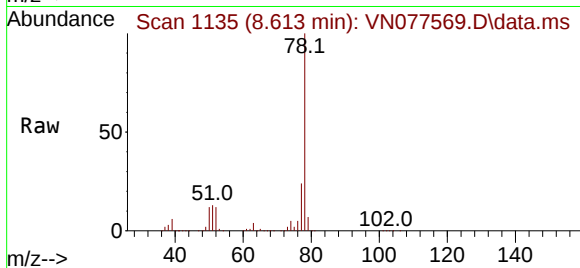
AUD-1989

Tgt Ion: 62 Resp: 95878

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 32.136 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN077569.D

Acq: 03 May 2023 17:46

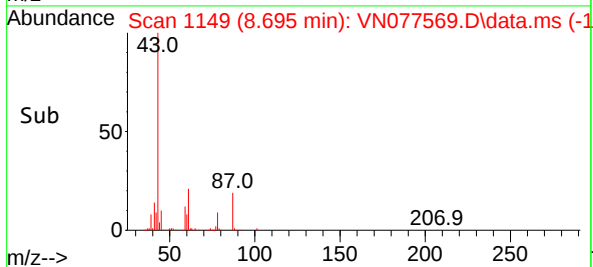
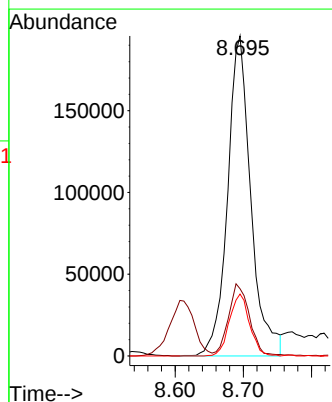
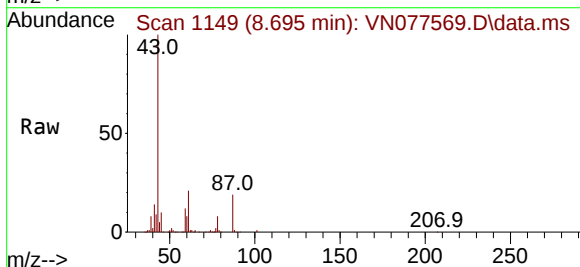
Tgt Ion: 43 Resp: 465795

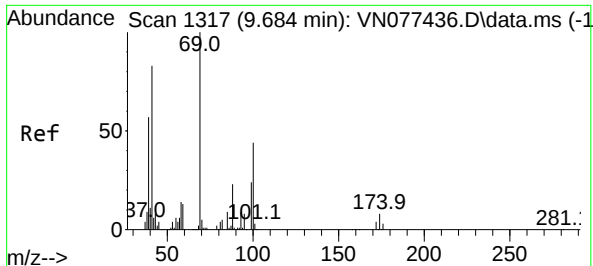
Ion Ratio Lower Upper

43 100

61 20.5 24.7 37.1#

87 16.7 14.6 21.8

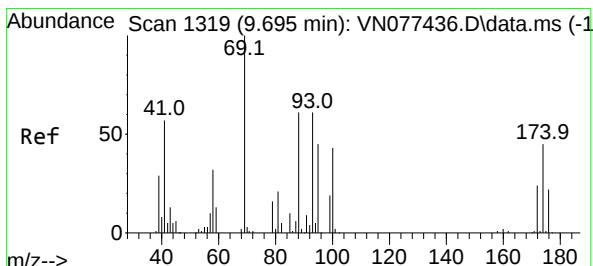
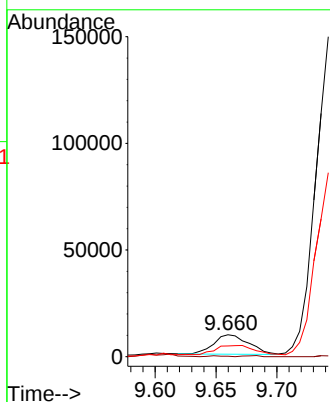
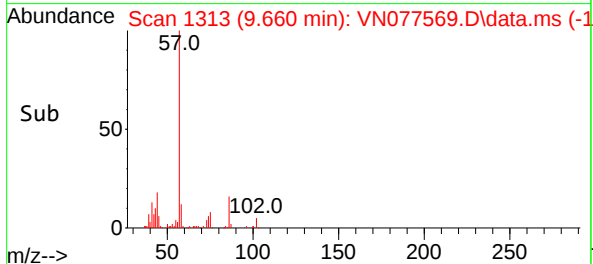
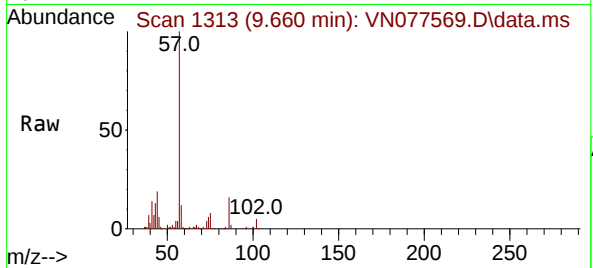




#48
Methyl methacrylate
Concen: 2.769 ug/l
RT: 9.660 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

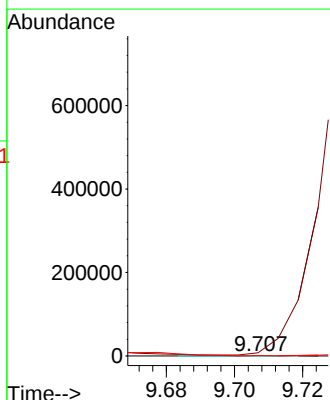
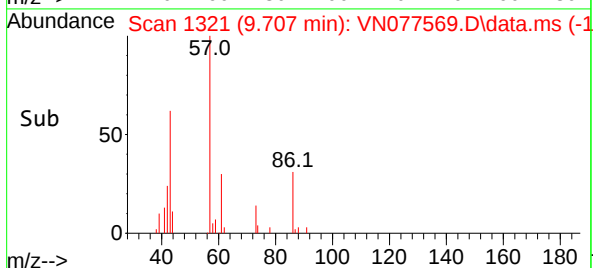
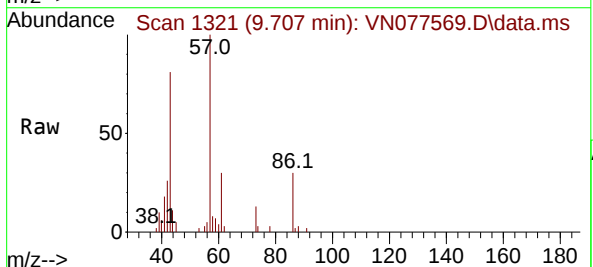
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

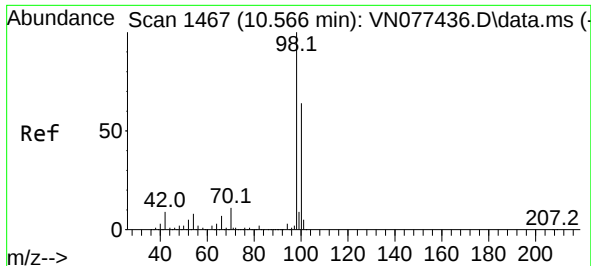
Tgt Ion: 41 Resp: 18266
Ion Ratio Lower Upper
41 100
69 2.0 90.4 135.6#
39 0.0 54.6 81.8#



#49
1,4-Dioxane
Concen: 1.015 ug/l
RT: 9.707 min Scan# 1321
Delta R.T. 0.012 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 88 Resp: 168
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#

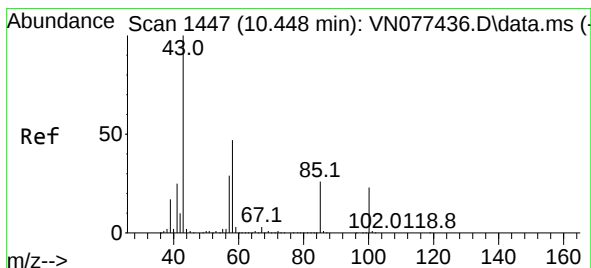
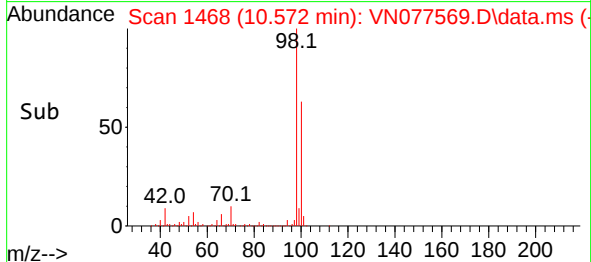
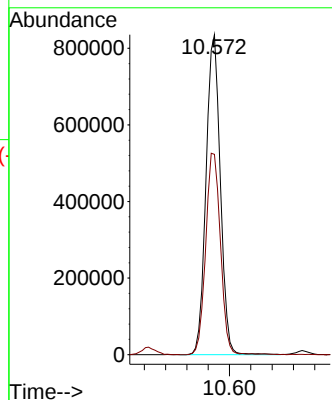
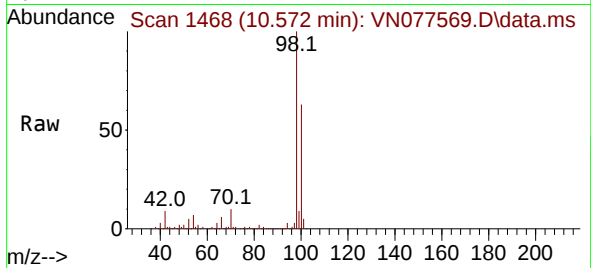




#50
Toluene-d8
Concen: 53.118 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

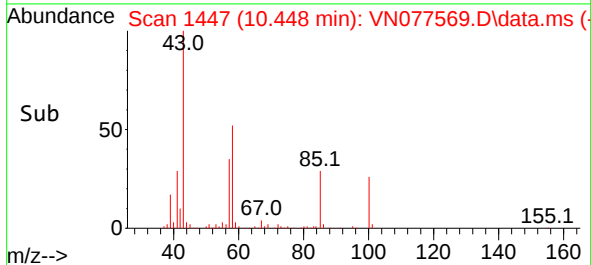
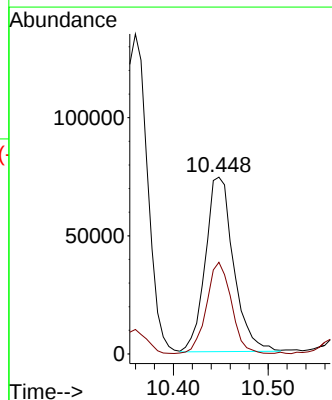
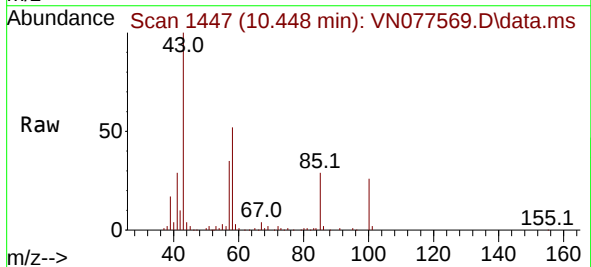
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

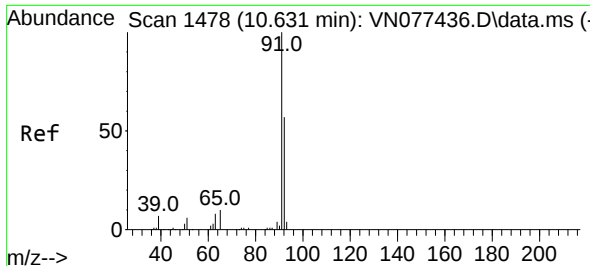
Tgt Ion: 98 Resp: 1553689
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 17.991 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 43 Resp: 152958
Ion Ratio Lower Upper
43 100
58 46.4 36.6 54.8

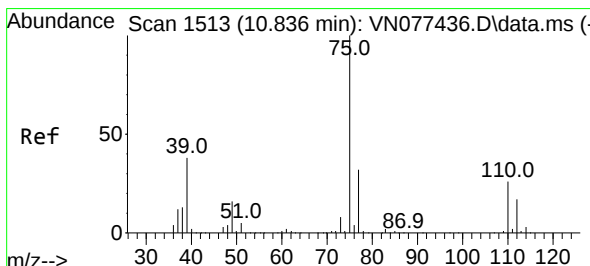
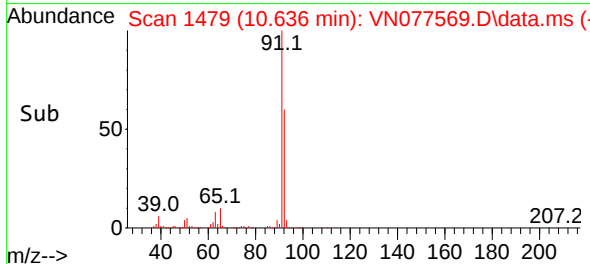
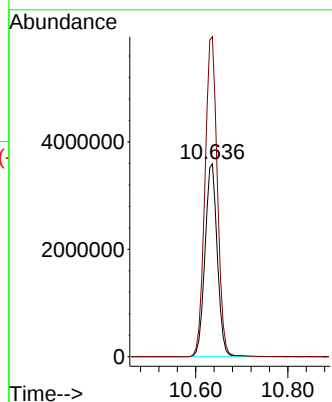
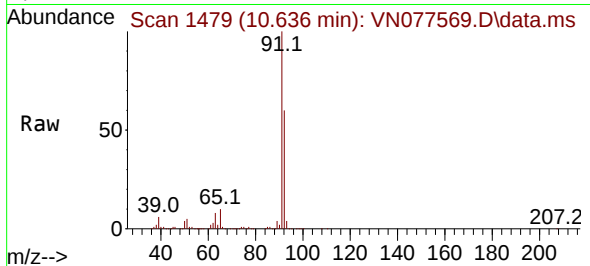




#52
Toluene
Concen: 303.333 ug/l
RT: 10.636 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

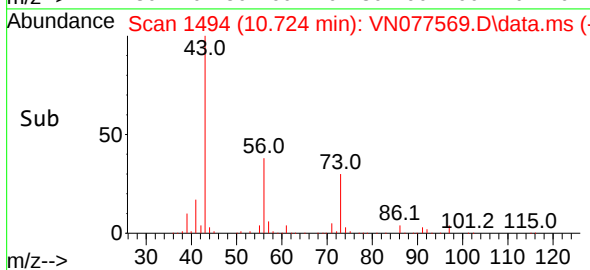
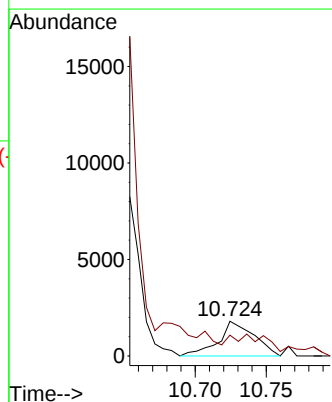
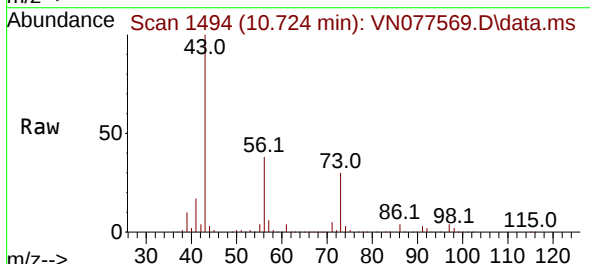
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

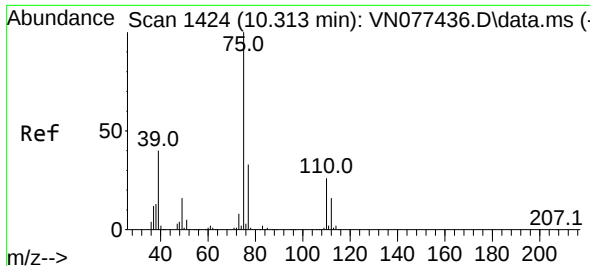
Tgt Ion: 92 Resp: 6674611
Ion Ratio Lower Upper
92 100
91 168.2 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 0.250 ug/l
RT: 10.724 min Scan# 1494
Delta R.T. -0.112 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 75 Resp: 3128
Ion Ratio Lower Upper
75 100
77 47.3 25.4 38.0#

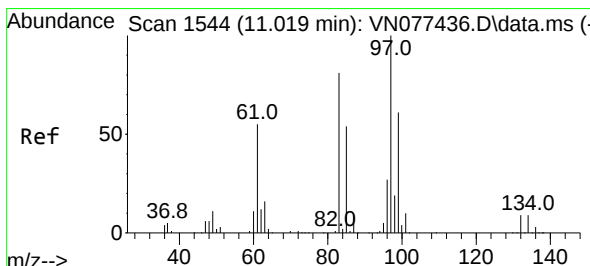
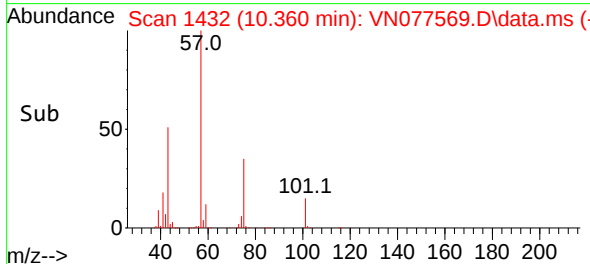
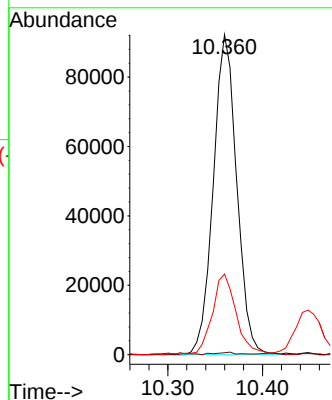
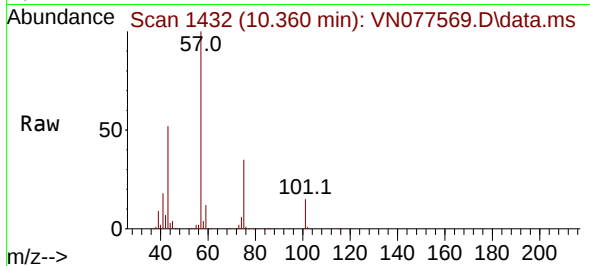




#54
 cis-1,3-Dichloropropene
 Concen: 11.653 ug/l
 RT: 10.360 min Scan# 1424
 Delta R.T. 0.047 min
 Lab File: VN077569.D
 Acq: 03 May 2023 17:46

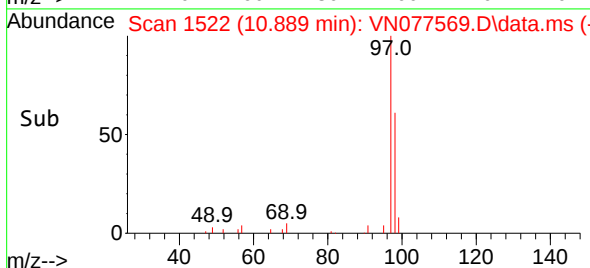
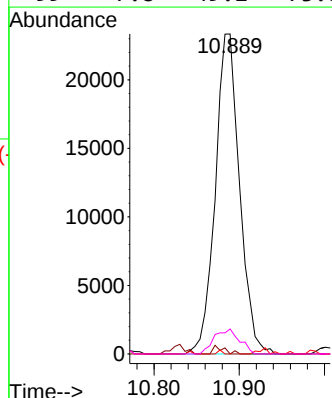
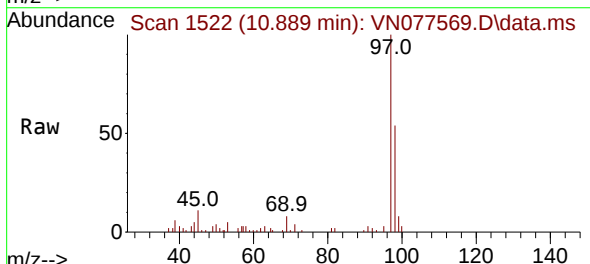
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1989

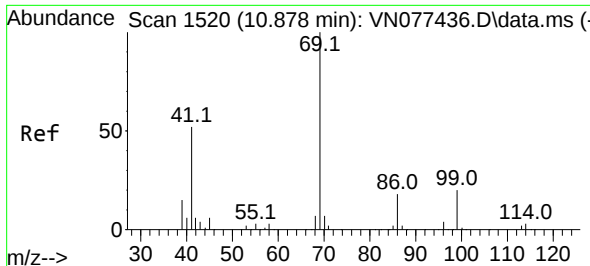
Tgt Ion: 75 Resp: 158609
 Ion Ratio Lower Upper
 75 100
 77 0.4 26.1 39.1#
 39 25.0 31.6 47.4#



#55
 1,1,2-Trichloroethane
 Concen: 5.214 ug/l
 RT: 10.889 min Scan# 1522
 Delta R.T. -0.130 min
 Lab File: VN077569.D
 Acq: 03 May 2023 17:46

Tgt Ion: 97 Resp: 46136
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.1 97.7#
 85 0.0 43.4 65.2#
 99 7.8 49.2 73.8#

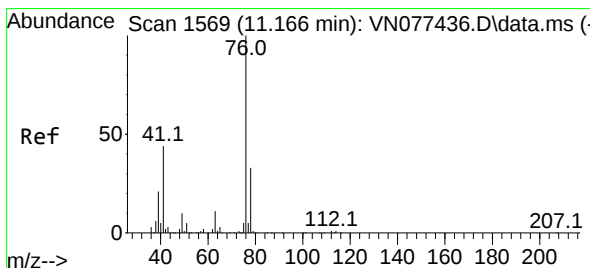
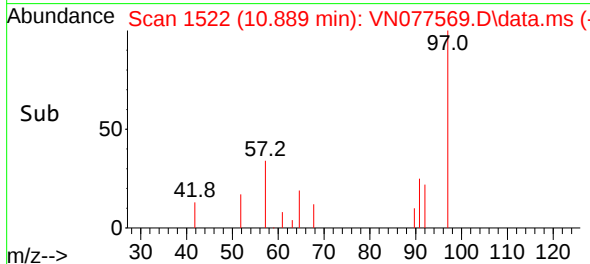
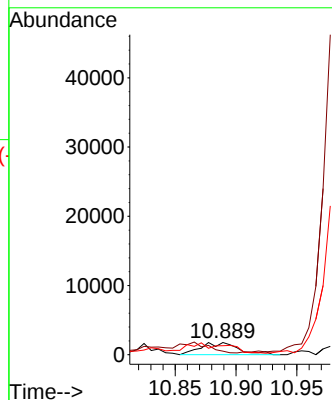
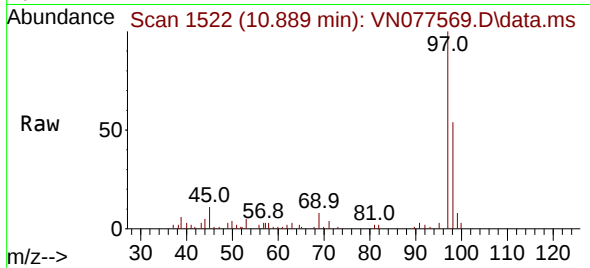




#56
Ethyl methacrylate
Concen: 0.301 ug/l
RT: 10.889 min Scan# 1522
Delta R.T. 0.012 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

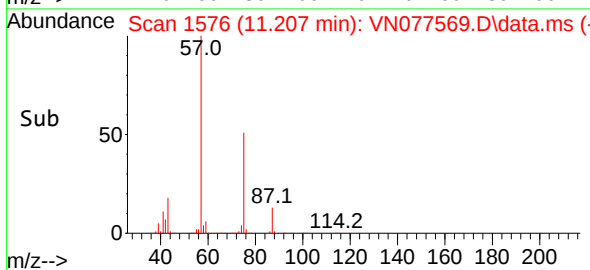
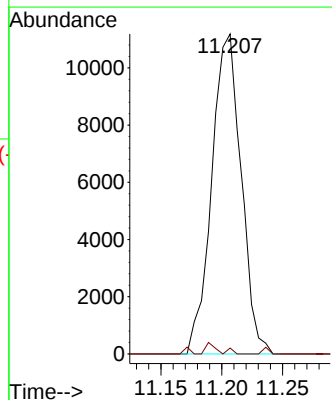
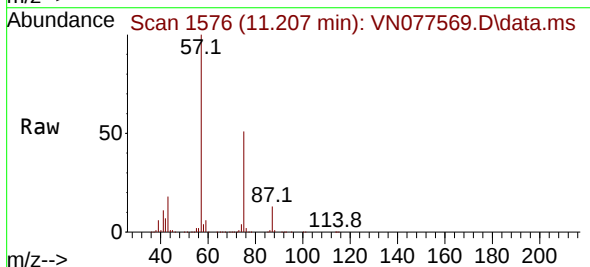
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

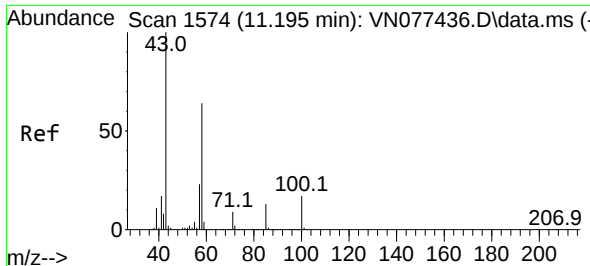
Tgt Ion: 69 Resp: 3733
Ion Ratio Lower Upper
69 100
41 0.0 39.6 59.4#
39 0.0 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 1.335 ug/l
RT: 11.207 min Scan# 1576
Delta R.T. 0.041 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 76 Resp: 18821
Ion Ratio Lower Upper
76 100
78 1.5 26.1 39.1#

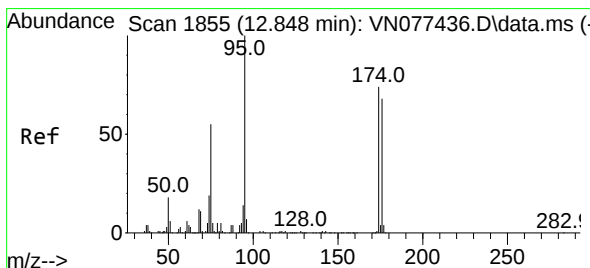
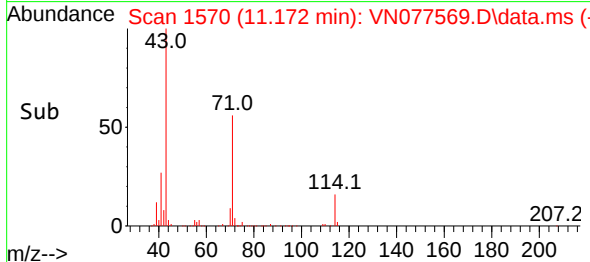
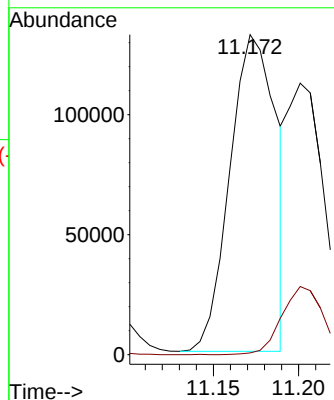
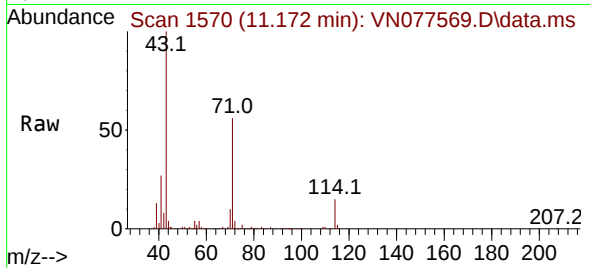




#59
2-Hexanone
Concen: 40.209 ug/l
RT: 11.172 min Scan# 11170
Delta R.T. -0.024 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

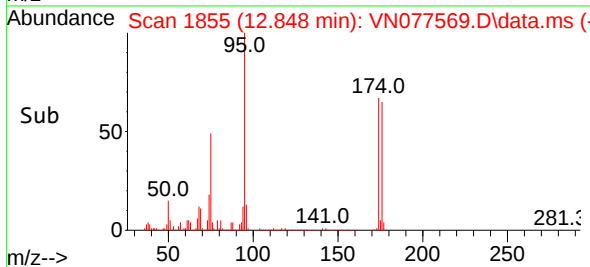
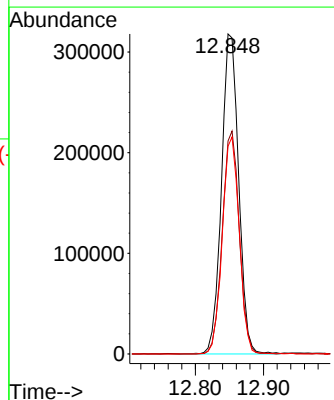
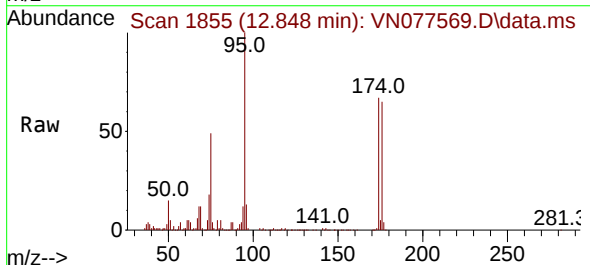
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

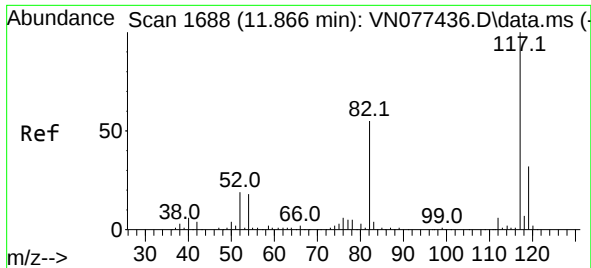
Tgt Ion: 43 Resp: 248483
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 58.219 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 95 Resp: 557144
Ion Ratio Lower Upper
95 100
174 69.0 0.0 143.8
176 66.8 0.0 135.8

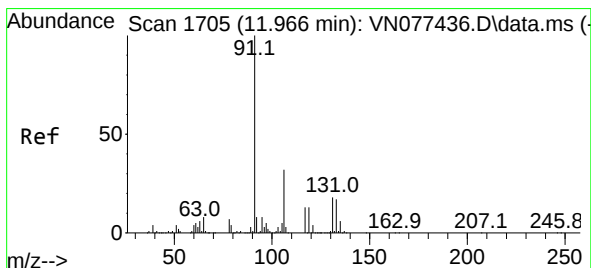
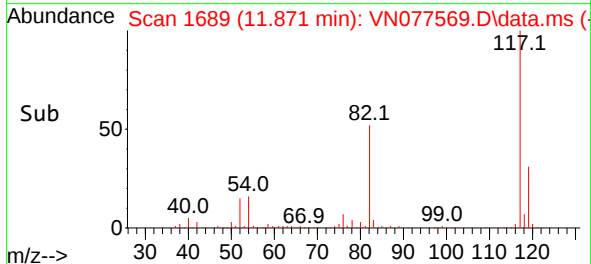
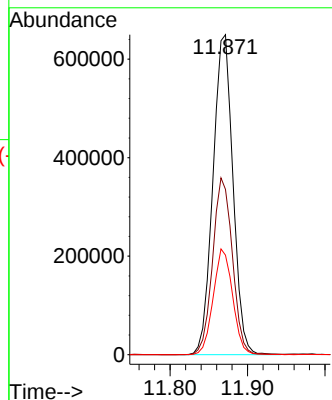
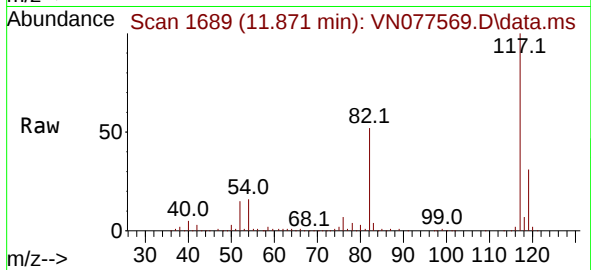




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170037
Delta R.T. 0.006 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

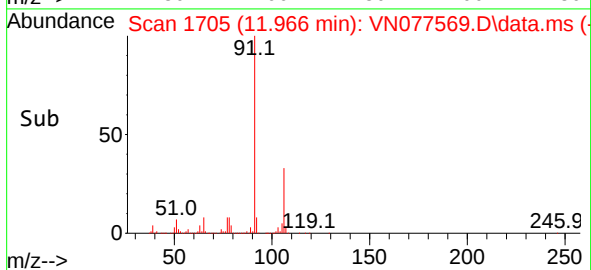
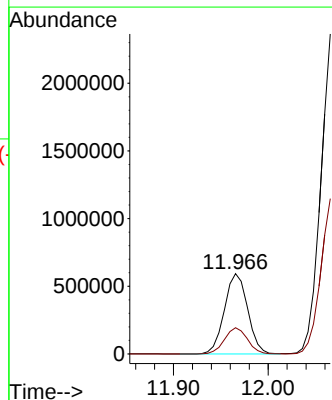
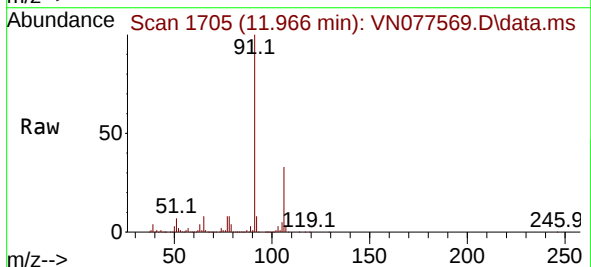
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

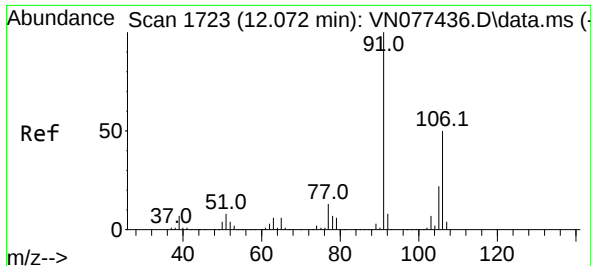
Tgt Ion:117 Resp: 1170037
Ion Ratio Lower Upper
117 100
82 51.6 44.0 66.0
119 31.1 25.6 38.4



#67
Ethyl Benzene
Concen: 23.191 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 91 Resp: 1010782
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4

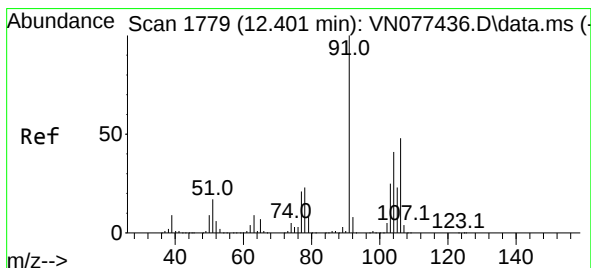
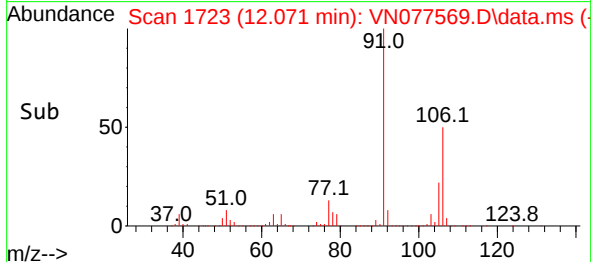
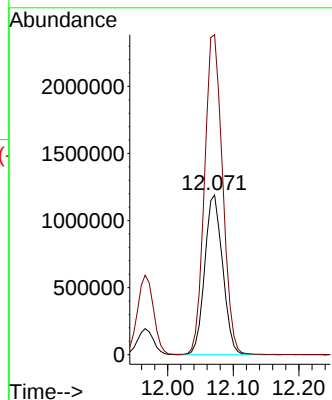
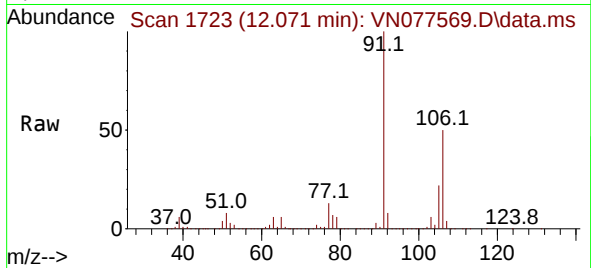




#68
m/p-Xylenes
Concen: 133.408 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

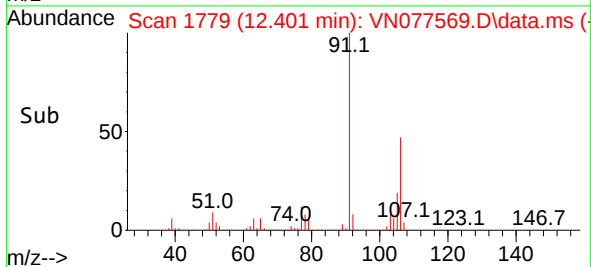
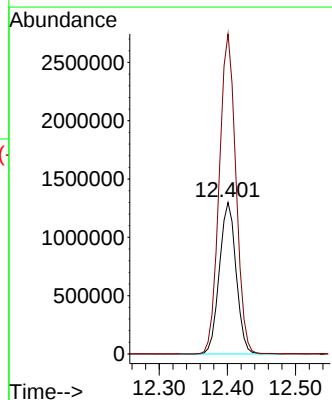
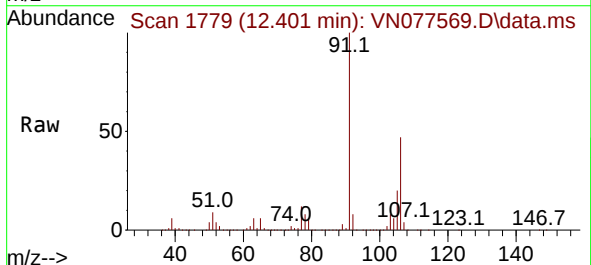
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

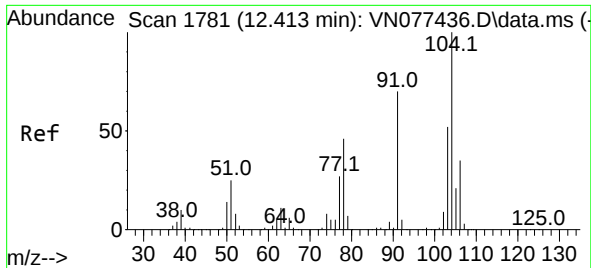
Tgt Ion:106 Resp: 2259876
Ion Ratio Lower Upper
106 100
91 202.2 159.6 239.4



#69
o-Xylene
Concen: 132.769 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion:106 Resp: 2212187
Ion Ratio Lower Upper
106 100
91 211.4 105.2 315.5

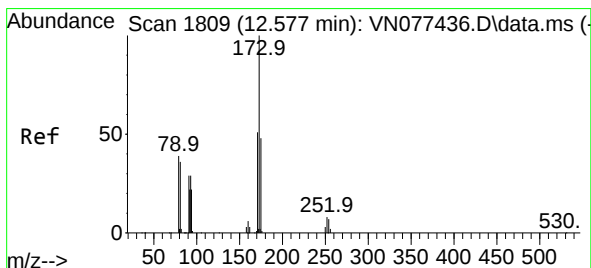
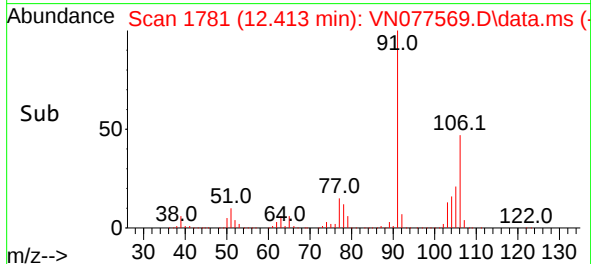
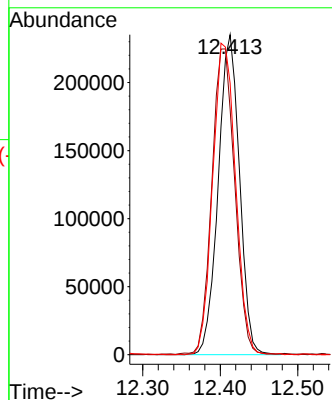
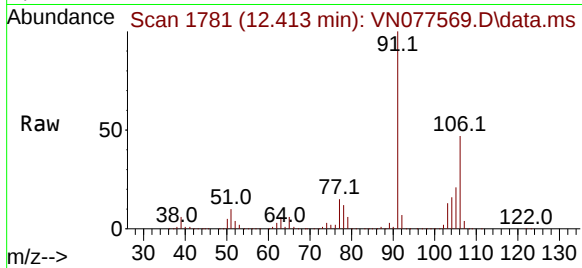




#70
Styrene
Concen: 17.204 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

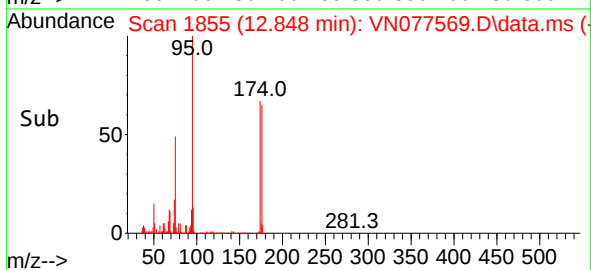
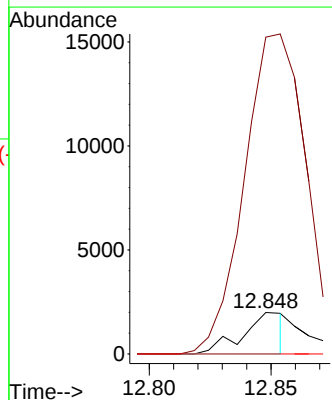
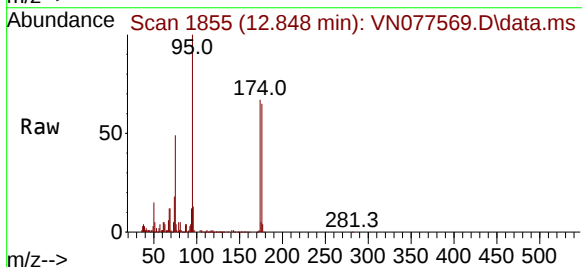
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

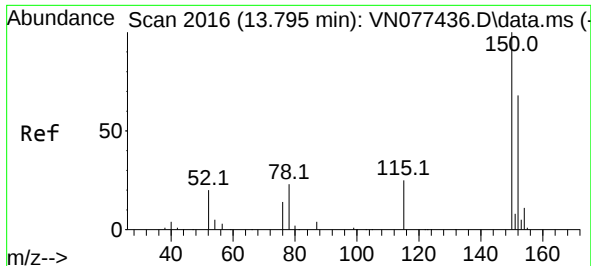
Tgt Ion:104 Resp: 448288
Ion Ratio Lower Upper
104 100
78 103.1 39.5 59.3#
103 104.5 43.2 64.8#



#71
Bromoform
Concen: 0.402 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.270 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

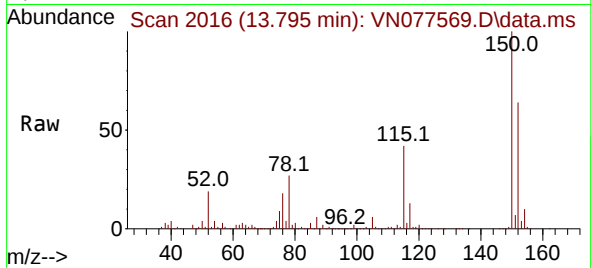
Tgt Ion:173 Resp: 2370
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



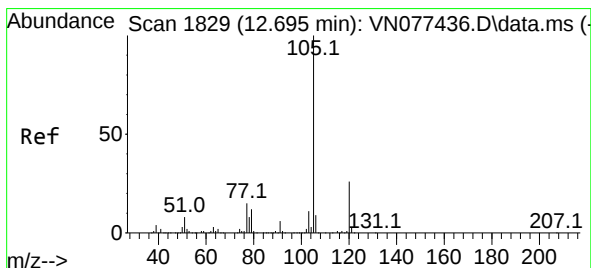
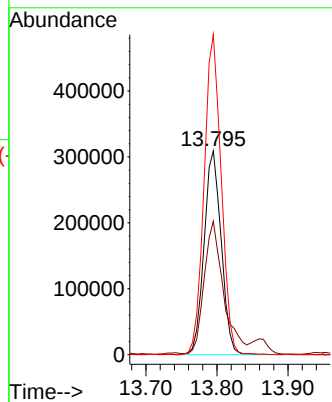
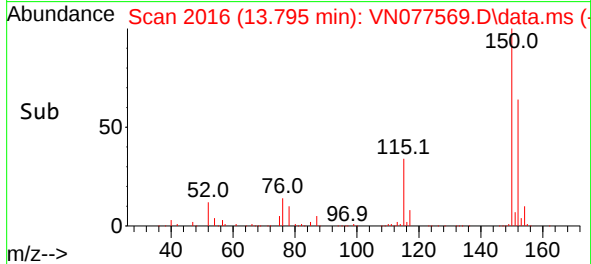


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

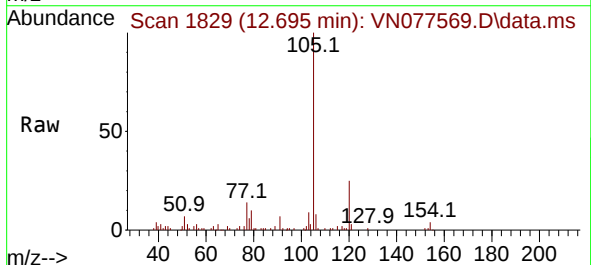
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989



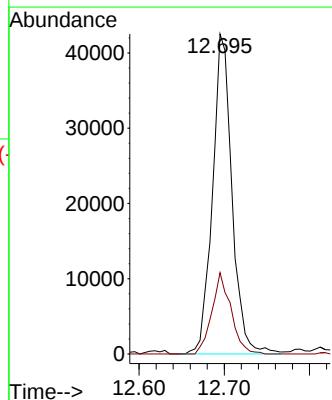
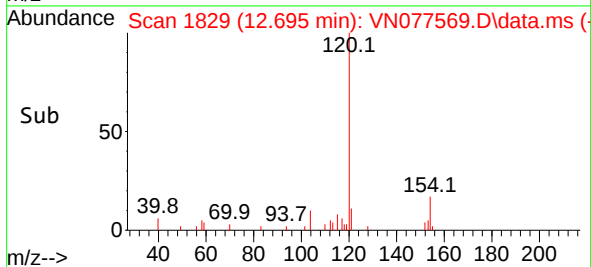
Tgt Ion:152 Resp: 518676
Ion Ratio Lower Upper
152 100
115 73.2 32.3 96.8
150 157.2 0.0 355.8

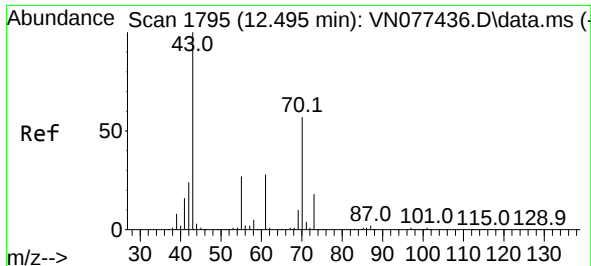


#73
Isopropylbenzene
Concen: 1.404 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46



Tgt Ion:105 Resp: 67582
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

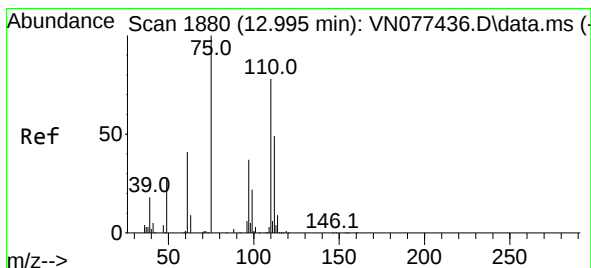
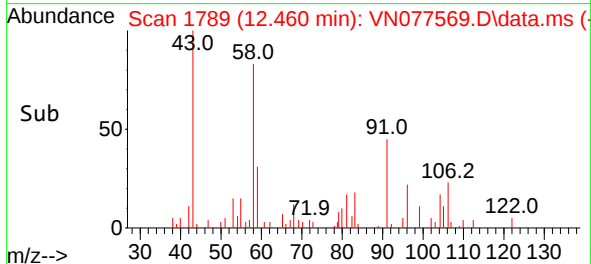
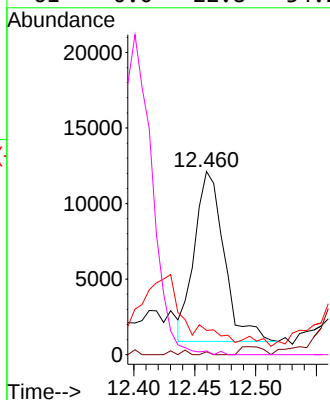
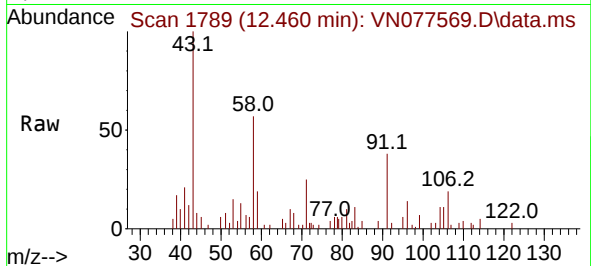




#74
N-amy1 acetate
Concen: 1.340 ug/l
RT: 12.460 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

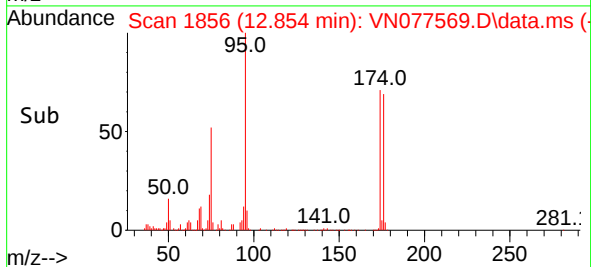
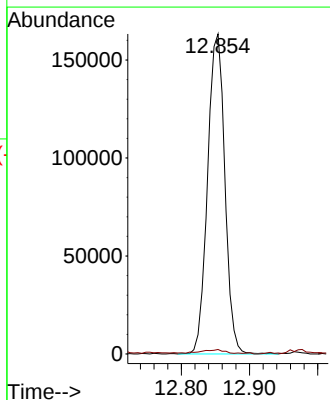
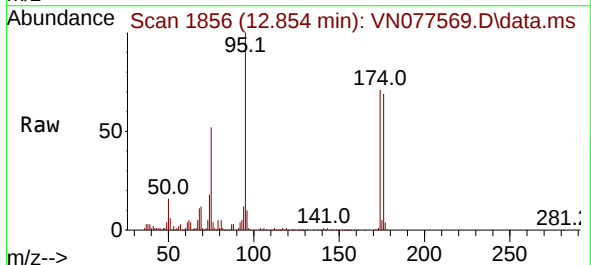
Instrument :
MSVOA_N
ClientSampleId :
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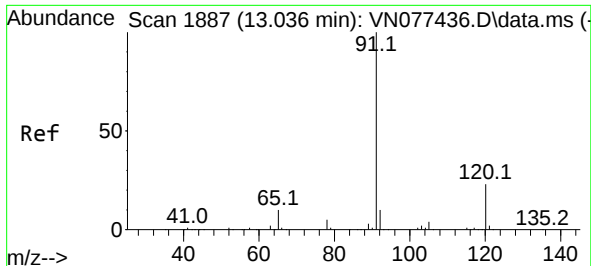
Tgt Ion: 43 Resp: 19100
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 0.0 21.4 32.0#
61 0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 23.879 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 75 Resp: 288014
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#

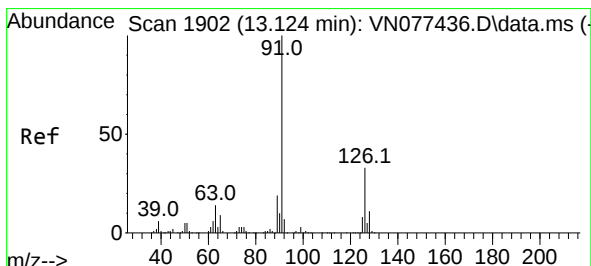
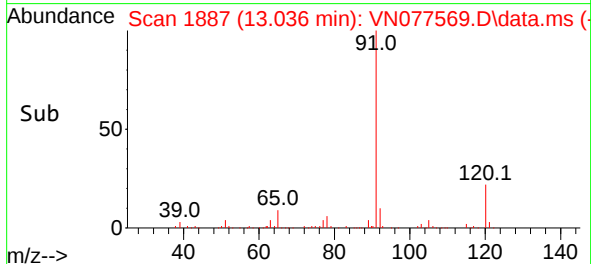
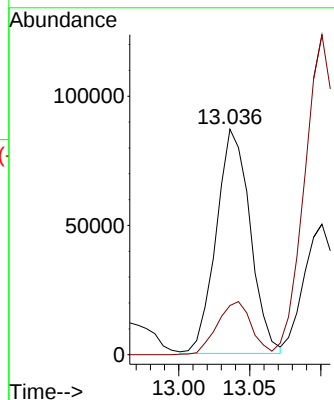
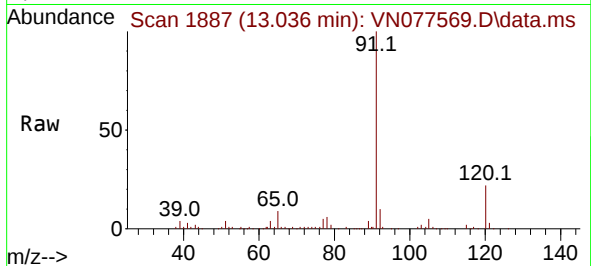




#78
n-propylbenzene
Concen: 2.707 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

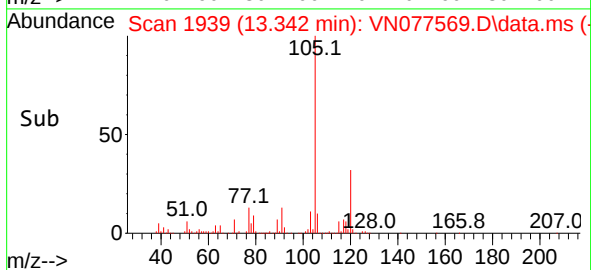
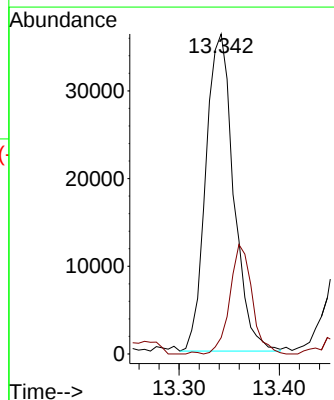
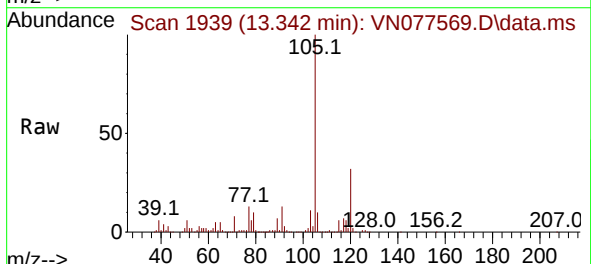
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

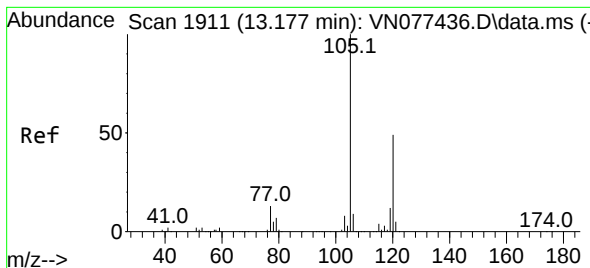
Tgt Ion: 91 Resp: 144073
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.4



#79
2-Chlorotoluene
Concen: 2.132 ug/l
RT: 13.342 min Scan# 1939
Delta R.T. 0.218 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 91 Resp: 69953
Ion Ratio Lower Upper
91 100
126 27.3 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 20.474 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077569.D

Acq: 03 May 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

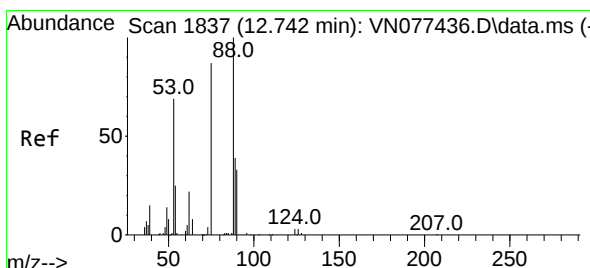
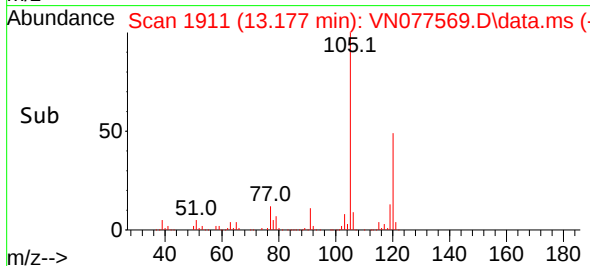
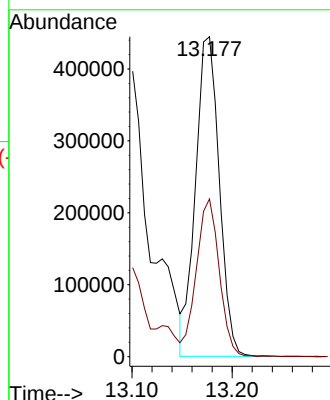
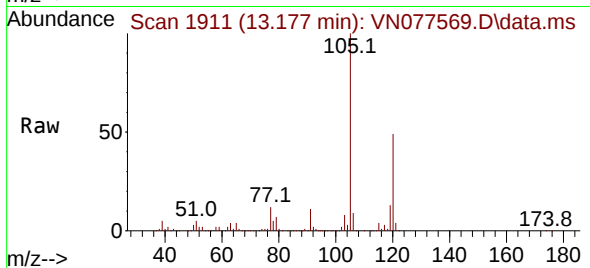
AUD-1989

Tgt Ion:105 Resp: 731802

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 67.463 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.112 min

Lab File: VN077569.D

Acq: 03 May 2023 17:46

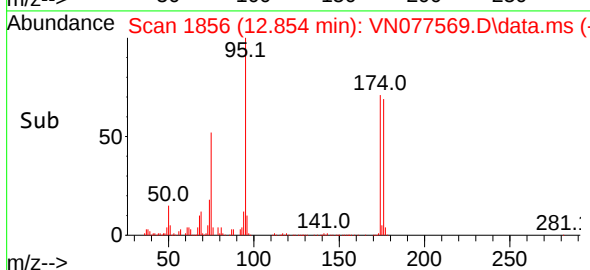
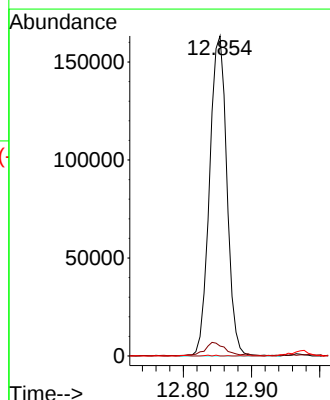
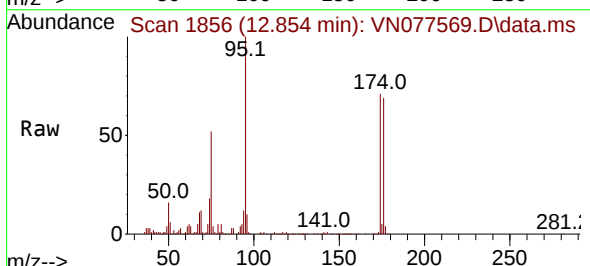
Tgt Ion: 75 Resp: 288014

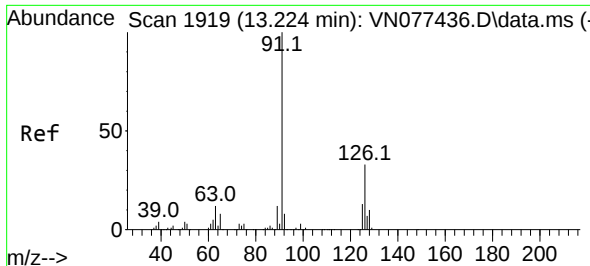
Ion Ratio Lower Upper

75 100

53 5.0 67.4 101.2#

89 0.1 38.8 58.2#

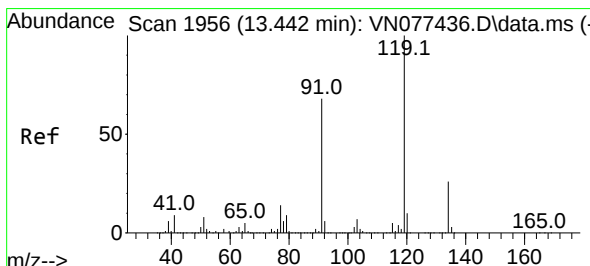
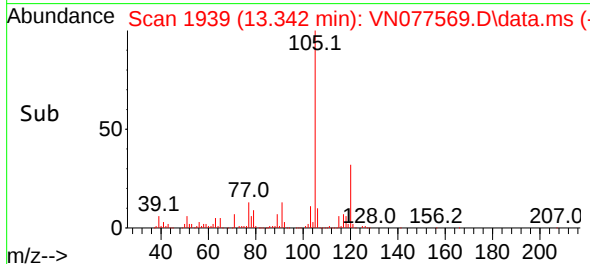
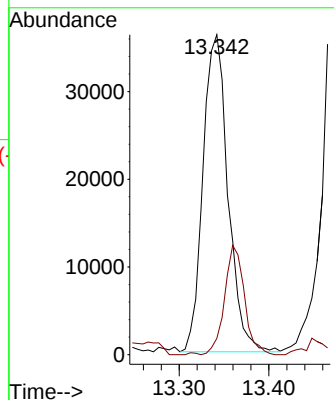
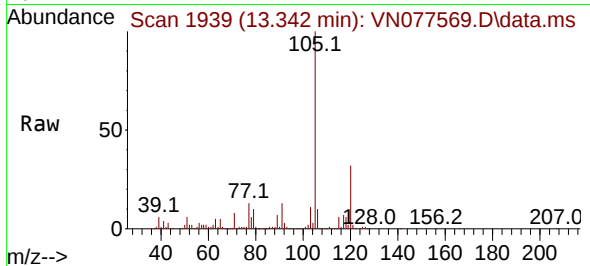




#82
4-Chlorotoluene
Concen: 2.287 ug/l
RT: 13.342 min Scan# 1919
Delta R.T. 0.118 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

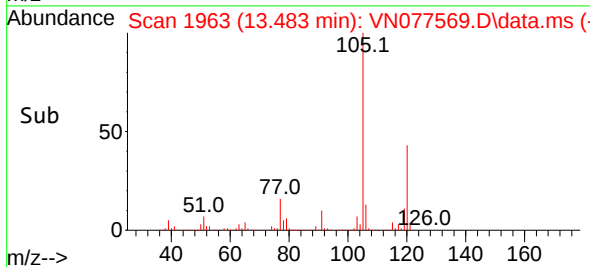
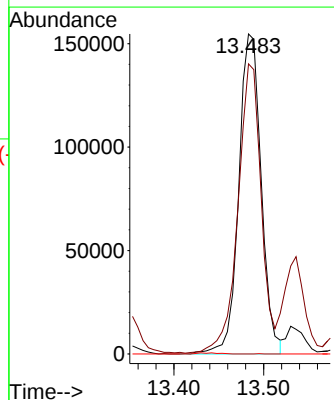
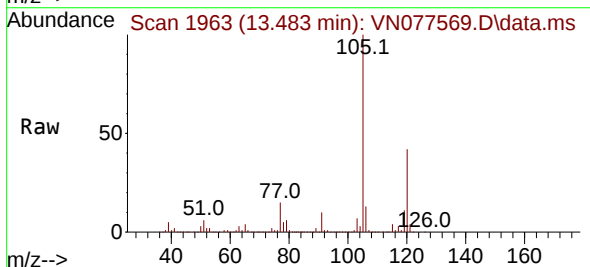
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

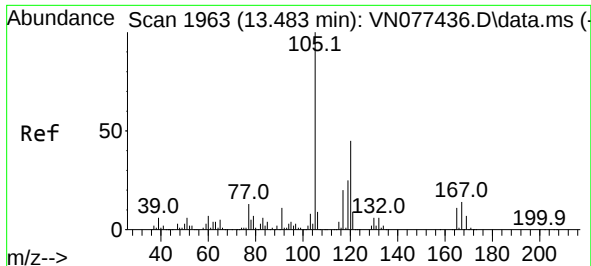
Tgt Ion: 91 Resp: 70131
Ion Ratio Lower Upper
91 100
126 27.3 16.7 50.0



#83
tert-Butylbenzene
Concen: 7.739 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.041 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion: 119 Resp: 268636
Ion Ratio Lower Upper
119 100
91 93.3 33.9 101.7
134 0.0 13.2 39.6#

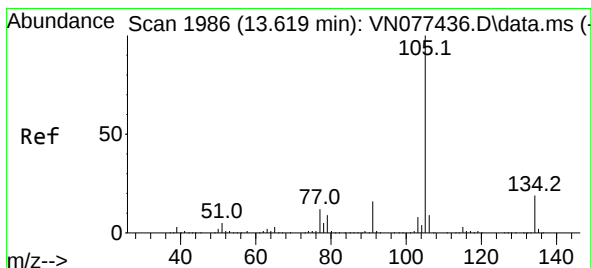
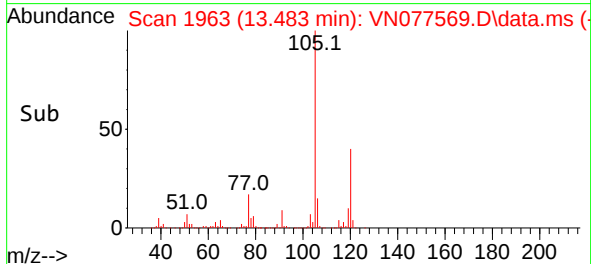
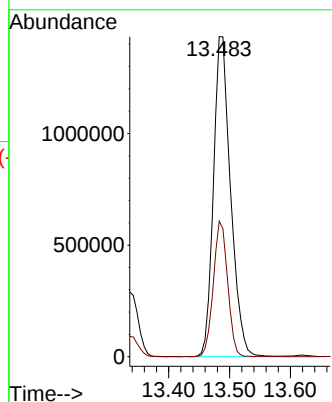
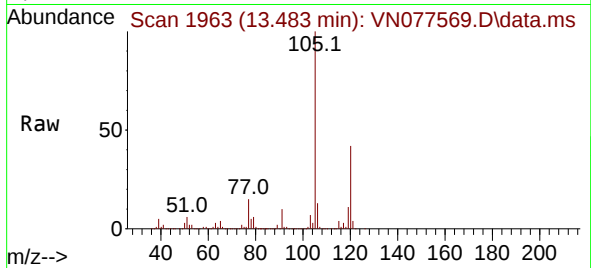




#84
1,2,4-Trimethylbenzene
Concen: 83.909 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

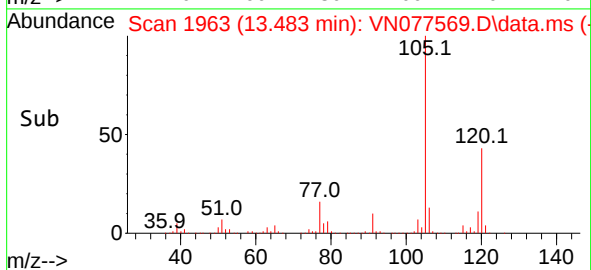
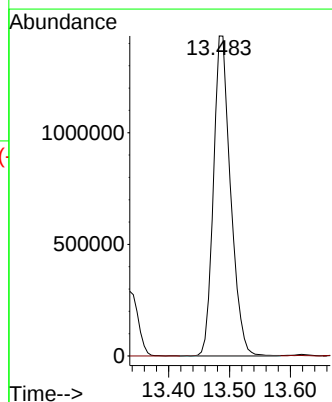
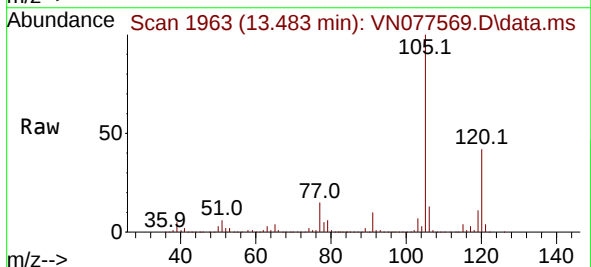
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

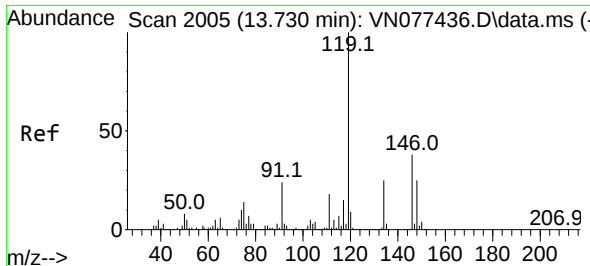
Tgt Ion:105 Resp: 2800997
Ion Ratio Lower Upper
105 100
120 35.4 22.0 66.0



#85
sec-Butylbenzene
Concen: 58.789 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.135 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

Tgt Ion:105 Resp: 2800997
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

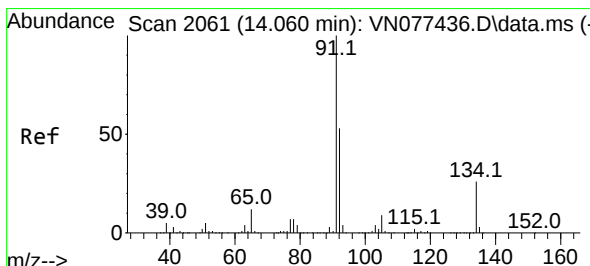
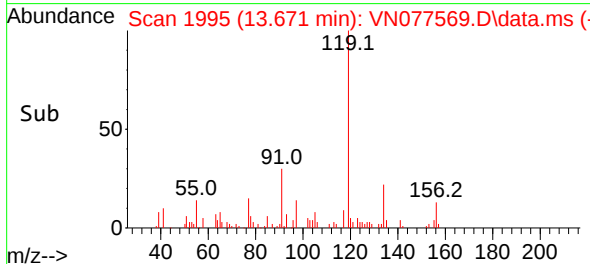
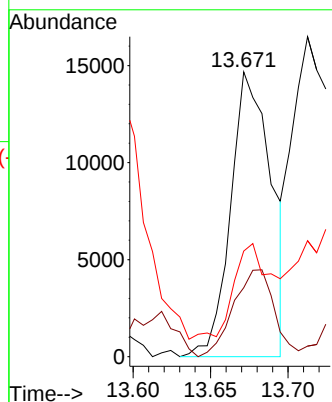
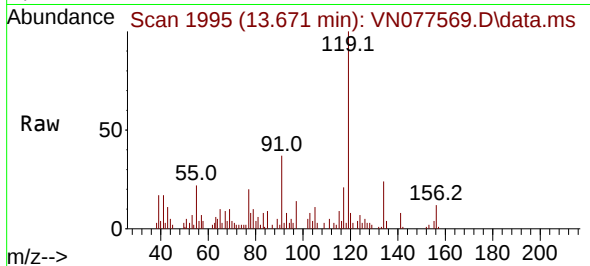




#86
 p-Isopropyltoluene
 Concen: 0.729 ug/l
 RT: 13.671 min Scan# 1995
 Delta R.T. -0.059 min
 Lab File: VN077569.D
 Acq: 03 May 2023 17:46

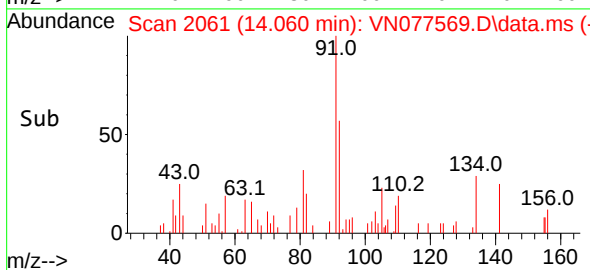
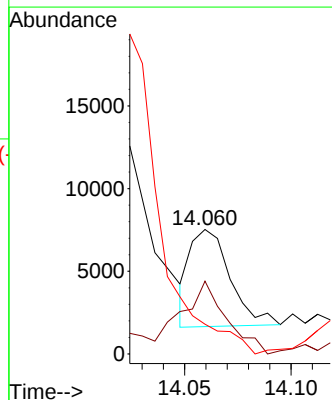
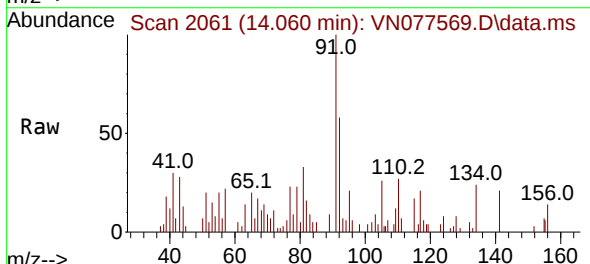
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1989

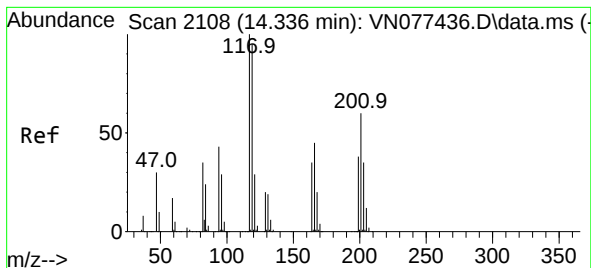
Tgt Ion:119 Resp: 26737
 Ion Ratio Lower Upper
 119 100
 134 30.6 12.6 37.8
 91 28.3 12.4 37.2



#89
 n-Butylbenzene
 Concen: 0.272 ug/l
 RT: 14.060 min Scan# 2061
 Delta R.T. -0.000 min
 Lab File: VN077569.D
 Acq: 03 May 2023 17:46

Tgt Ion: 91 Resp: 7706
 Ion Ratio Lower Upper
 91 100
 92 76.0 26.4 79.0
 134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 2.095 ug/l

RT: 14.283 min Scan# 2108

Delta R.T. -0.053 min

Lab File: VN077569.D

Acq: 03 May 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

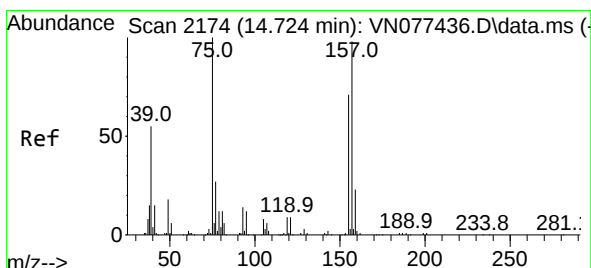
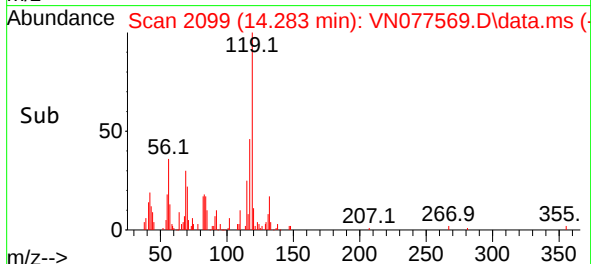
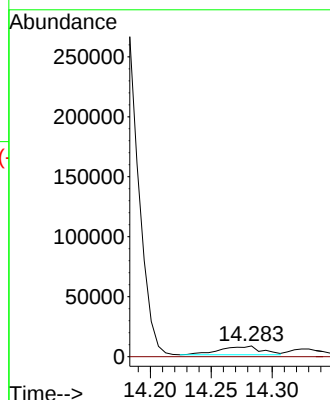
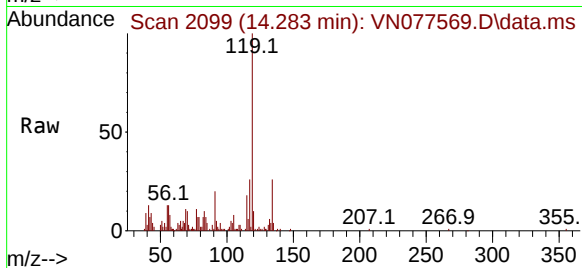
AUD-1989

Tgt Ion:117 Resp: 16966

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.152 ug/l

RT: 14.701 min Scan# 2170

Delta R.T. -0.023 min

Lab File: VN077569.D

Acq: 03 May 2023 17:46

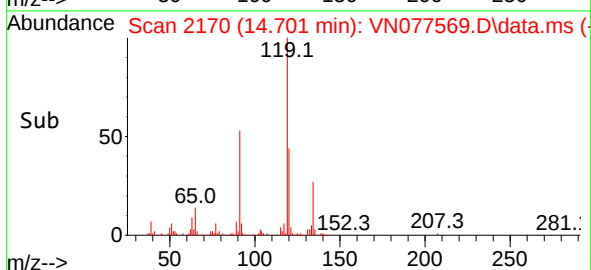
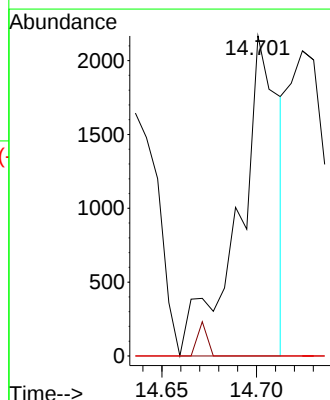
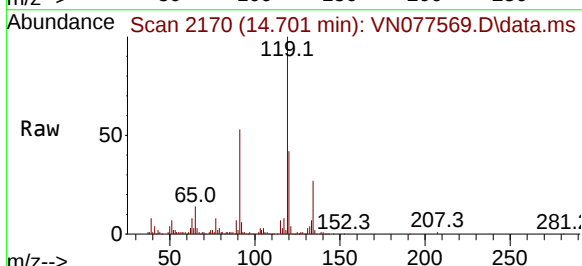
Tgt Ion: 75 Resp: 3222

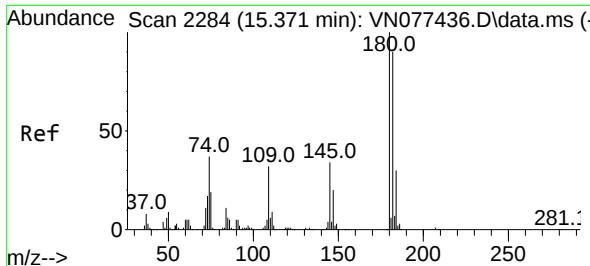
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#

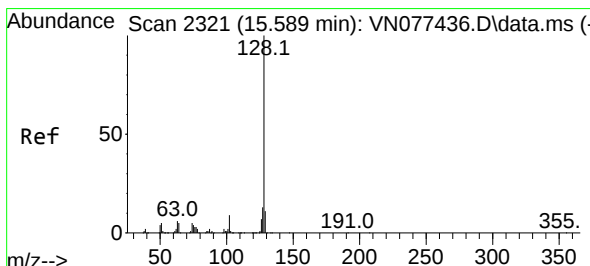
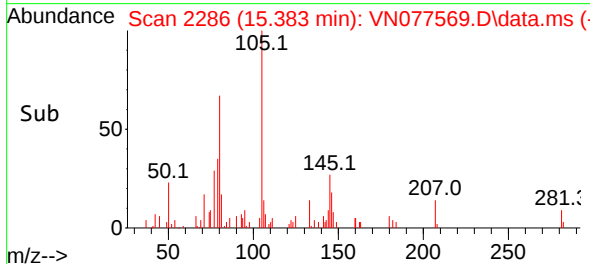
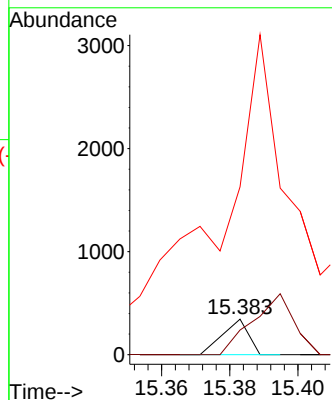
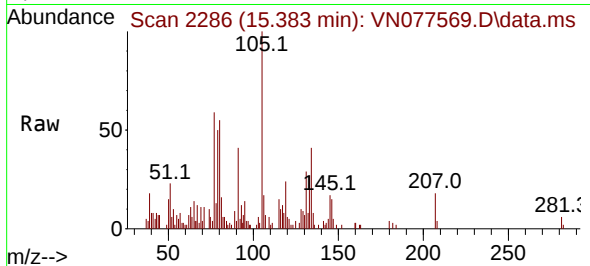




#93
1,2,4-Trichlorobenzene
Concen: 0.846 ug/l
RT: 15.383 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

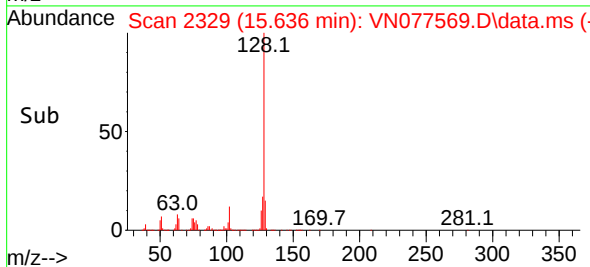
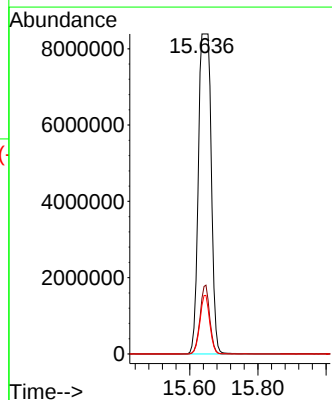
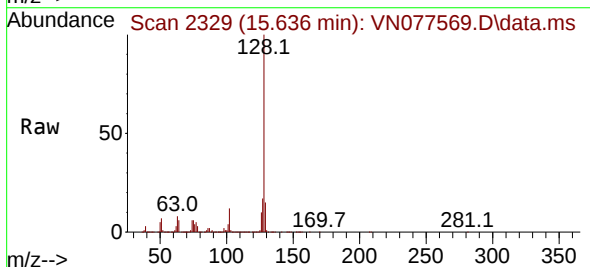
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989

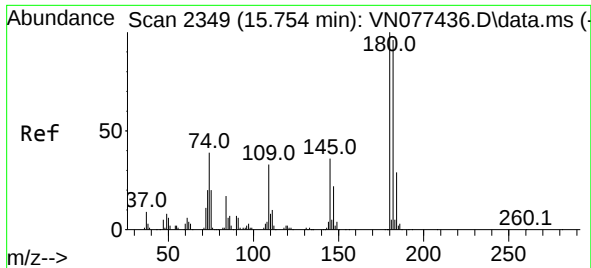
Tgt Ion:180 Resp: 183
Ion Ratio Lower Upper
180 100
182 272.1 46.1 138.2#
145 2656.8 16.6 49.8#



#95
Naphthalene
Concen: 305.442 ug/l
RT: 15.636 min Scan# 2329
Delta R.T. 0.047 min
Lab File: VN077569.D
Acq: 03 May 2023 17:46

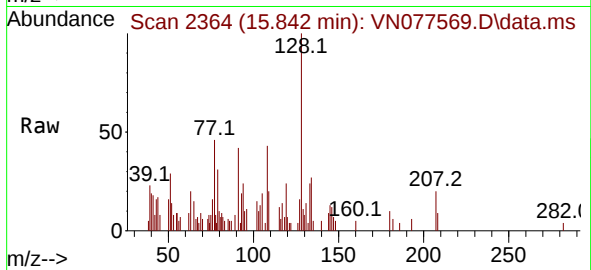
Tgt Ion:128 Resp:21803476
Ion Ratio Lower Upper
128 100
127 16.3 10.0 15.0#
129 14.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.641 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. 0.088 min
 Lab File: VN077569.D
 Acq: 03 May 2023 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1989



Tgt Ion:	180	Resp:	577
Ion	Ratio	Lower	Upper
180	100		
182	82.7	46.2	138.6
145	0.0	17.5	52.6#

