

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077572.D
 Acq On : 03 May 2023 18:59
 Operator : JC\MD
 Sample : 02566-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1992

Quant Time: May 04 04:56:05 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	8.230	168	755438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1463405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1343281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	532352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	498777	50.598	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.200%			
35) Dibromofluoromethane	8.172	113	450001	51.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	10.571	98	1773945	52.623	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.854	95	599522	54.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.720%			
Target Compounds						
					Qvalue	
6) Chloroethane	3.131	64	1750	0.228	ug/l #	72
8) Diethyl Ether	3.978	74	1192	0.221	ug/l #	15
11) Tert butyl alcohol	5.531	59	11696	7.391	ug/l #	84
13) Acrolein	4.195	56	1794	1.140	ug/l #	60
16) Acetone	4.437	43	210417	67.095	ug/l	98
18) Methyl Acetate	5.037	43	6001	0.496	ug/l #	53
20) Methylene Chloride	5.289	84	85168	8.563	ug/l #	85
25) 2-Butanone	7.495	43	23649	5.317	ug/l	90
31) Cyclohexane	8.230	56	20174	1.445	ug/l #	34
36) 1,1-Dichloropropene	8.230	75	66190	5.209	ug/l #	47
37) Ethyl Acetate	7.566	43	98329	10.183	ug/l	95
38) Carbon Tetrachloride	8.230	117	85584	6.104	ug/l #	15
40) Benzene	8.613	78	2390913	61.763	ug/l	99
42) 1,2-Dichloroethane	8.695	62	3330	0.250	ug/l #	73
43) Isopropyl Acetate	8.695	43	529981	31.726	ug/l #	84
48) Methyl methacrylate	9.672	41	17004	2.236	ug/l #	34
49) 1,4-Dioxane	9.701	88	60	0.315	ug/l #	30
51) 4-Methyl-2-Pentanone	10.448	43	53574	5.468	ug/l	88
52) Toluene	10.636	92	1530699	60.359	ug/l	100
53) t-1,3-Dichloropropene	10.724	75	4143	0.287	ug/l #	43
54) cis-1,3-Dichloropropene	10.360	75	197196	12.571	ug/l #	59
55) 1,1,2-Trichloroethane	10.883	97	10116	0.992	ug/l #	18
57) 1,3-Dichloropropane	11.207	76	23462	1.444	ug/l #	44
59) 2-Hexanone	11.171	43	308921	43.374	ug/l #	19
67) Ethyl Benzene	11.966	91	238978	4.776	ug/l	98
68) m/p-Xylenes	12.071	106	499382	25.678	ug/l	100
69) o-Xylene	12.401	106	462482	24.177	ug/l	99
70) Styrene	12.413	104	90780	3.035	ug/l #	23
73) Isopropylbenzene	12.695	105	14027	0.284	ug/l	91
74) N-amyl acetate	12.460	43	4871	0.333	ug/l #	36
76) 1,2,3-Trichloropropane	12.848	75	314327	25.391	ug/l #	1
78) n-propylbenzene	13.042	91	27218	0.498	ug/l	92
79) 2-Chlorotoluene	13.095	91	17882	0.531	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.177	105	118565	3.232	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.848	75	314327	71.735	ug/l #	16
82) 4-Chlorotoluene	13.177	91	12784	0.406	ug/l #	41

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

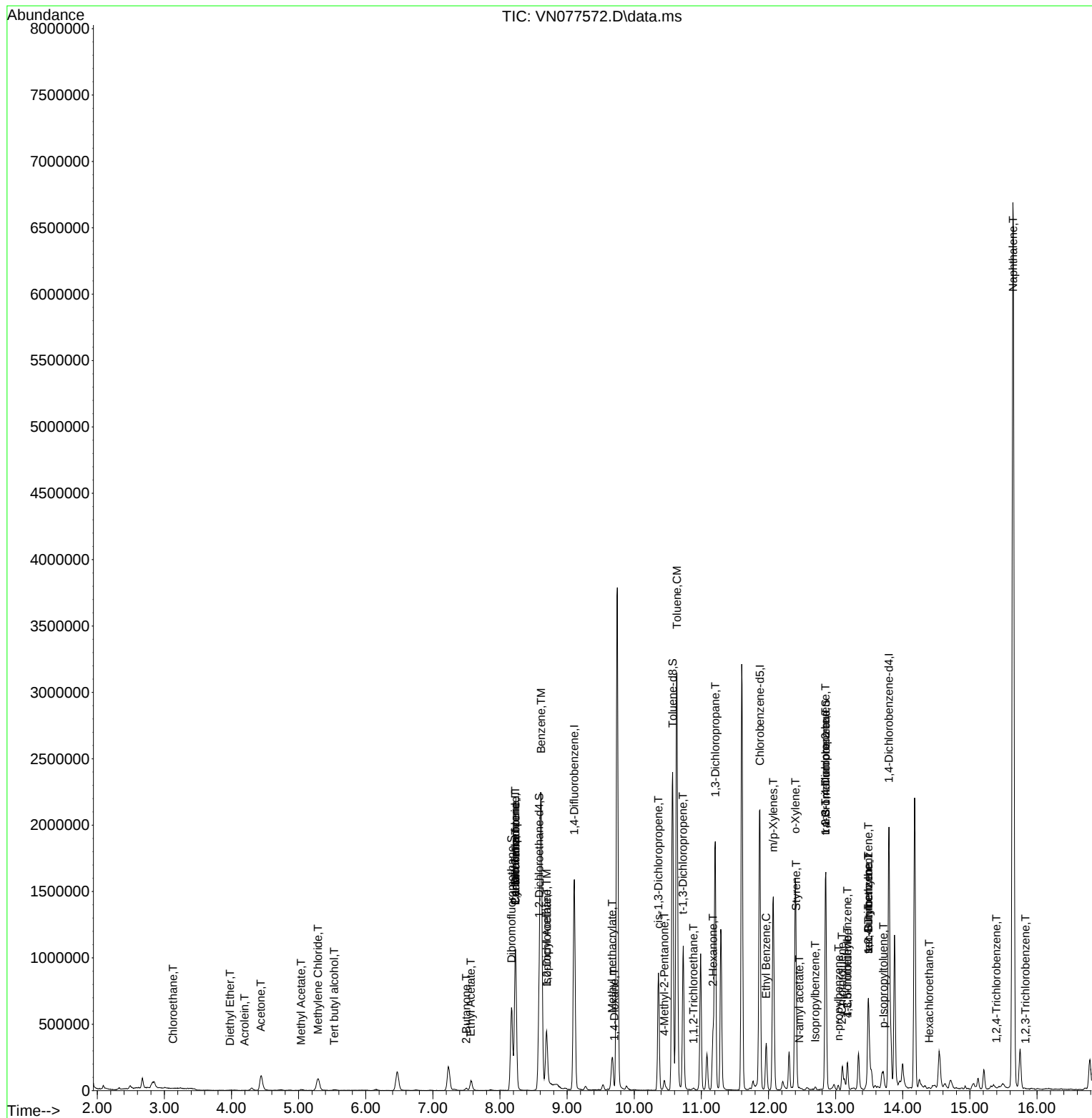
83) tert-Butylbenzene	13.489	119	47752	1.340	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.489	105	467726	13.652	ug/l	89
85) sec-Butylbenzene	13.489	105	467726	9.565	ug/l #	57
86) p-Isopropyltoluene	13.712	119	8062	0.214	ug/l #	64
90) Hexachloroethane	14.395	117	3671	0.442	ug/l #	21
93) 1,2,4-Trichlorobenzene	15.395	180	157	0.838	ug/l #	1
95) Naphthalene	15.642	128	6723459	153.933	ug/l	100
96) 1,2,3-Trichlorobenzene	15.830	180	129	0.509	ug/l #	1

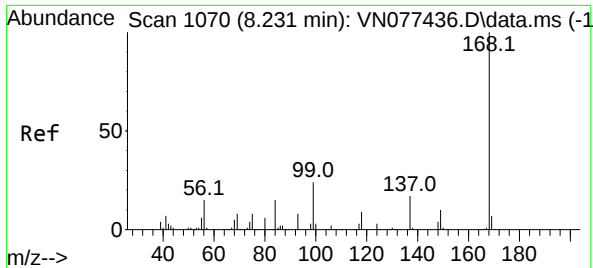
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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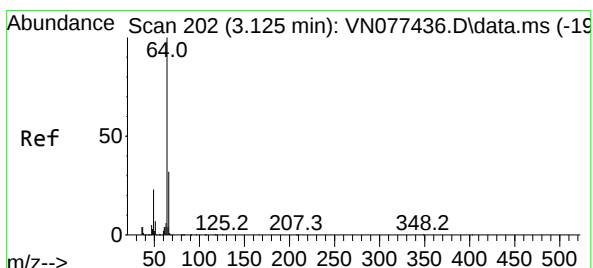
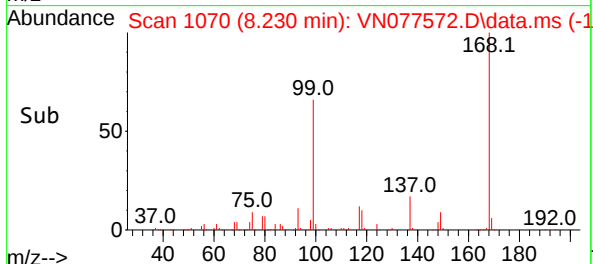
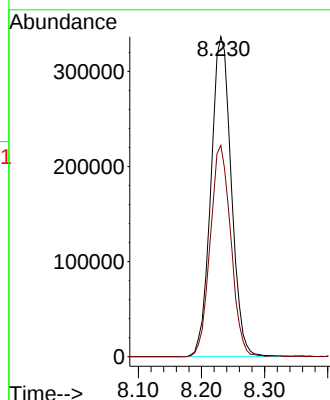
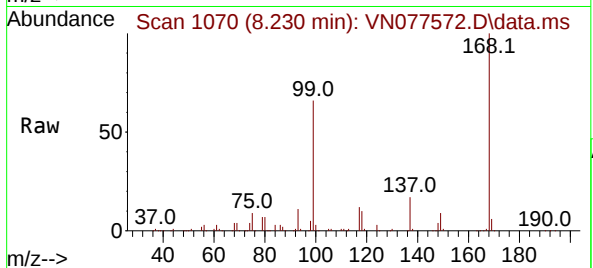




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

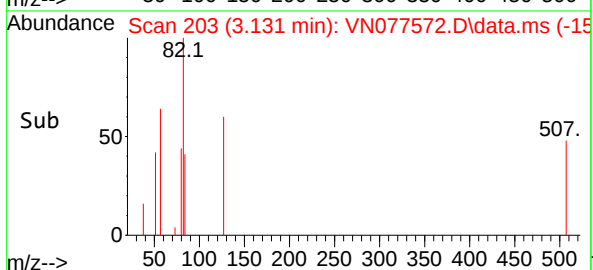
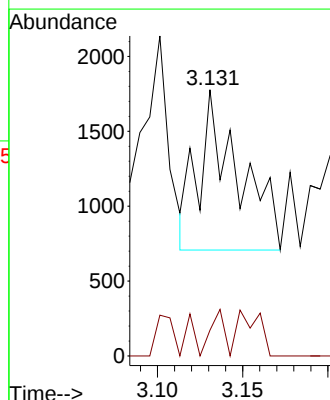
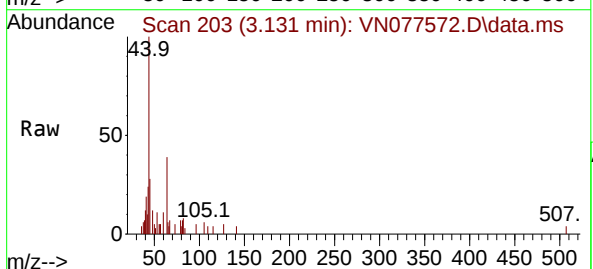
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

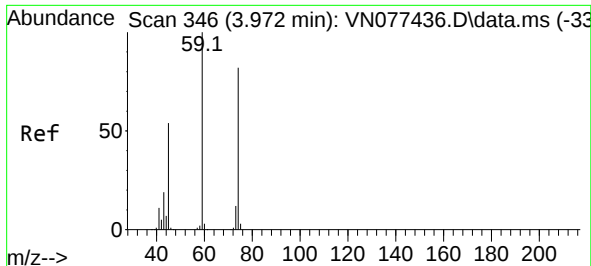
Tgt Ion:168 Resp: 755438
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6



#6
Chloroethane
Concen: 0.228 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 64 Resp: 1750
Ion Ratio Lower Upper
64 100
66 16.1 25.4 38.2#





#8

Diethyl Ether

Concen: 0.221 ug/l

RT: 3.978 min Scan# 346

Delta R.T. 0.006 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

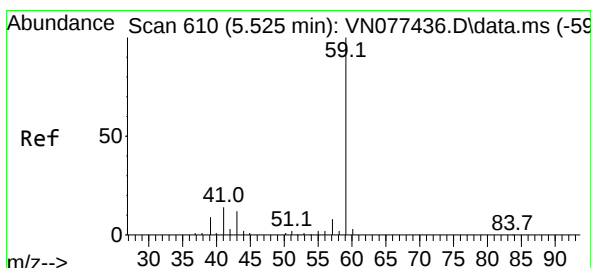
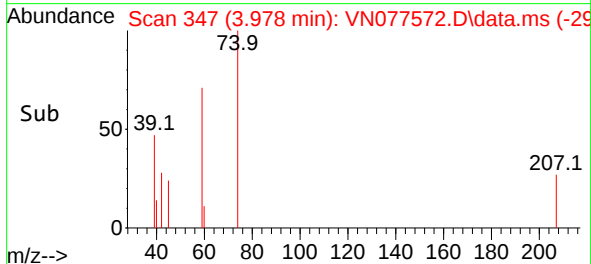
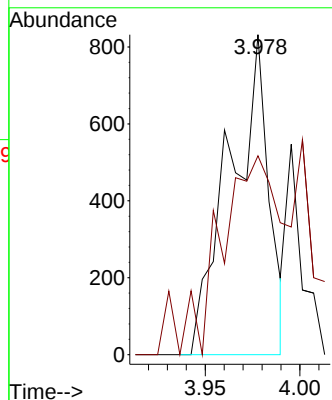
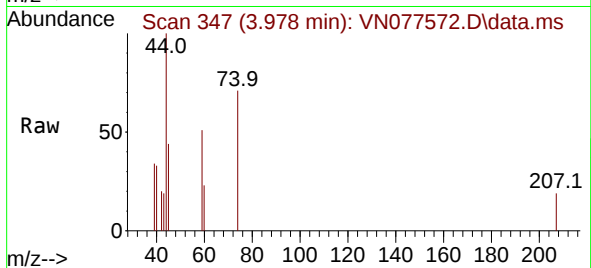
AUD-1992

Tgt Ion: 74 Resp: 1192

Ion Ratio Lower Upper

74 100

45 0.0 34.4 103.3#



#11

Tert butyl alcohol

Concen: 7.391 ug/l

RT: 5.531 min Scan# 611

Delta R.T. 0.006 min

Lab File: VN077572.D

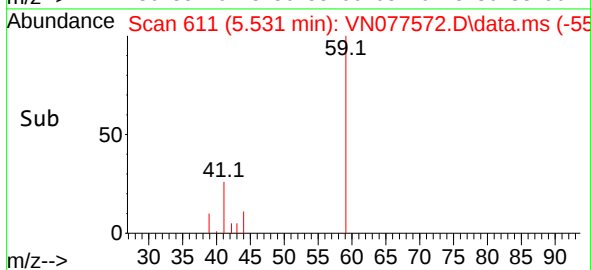
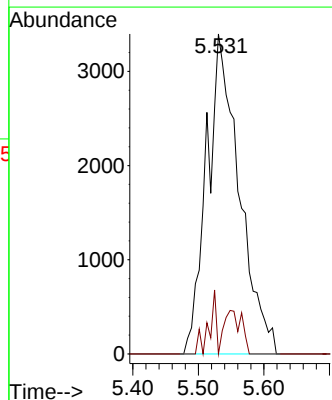
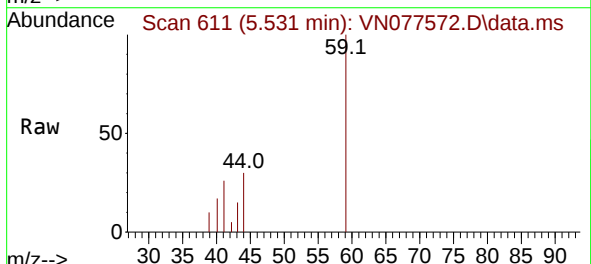
Acq: 03 May 2023 18:59

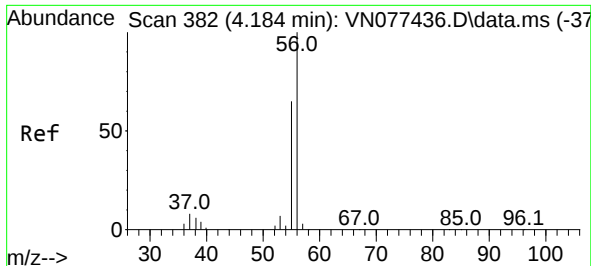
Tgt Ion: 59 Resp: 11696

Ion Ratio Lower Upper

59 100

57 4.4 8.2 12.4#

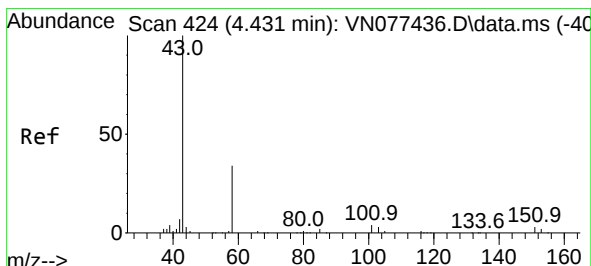
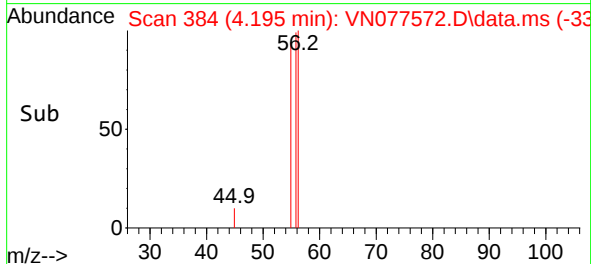
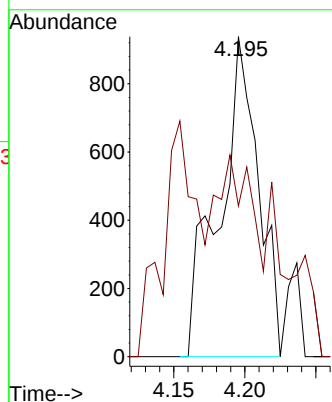
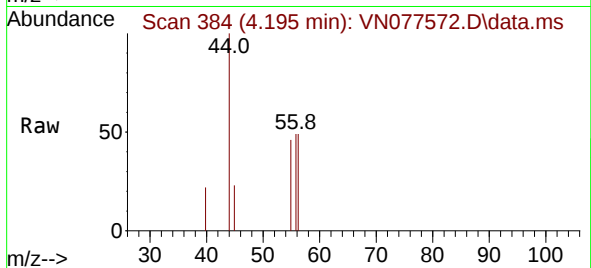




#13
Acrolein
Concen: 1.140 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

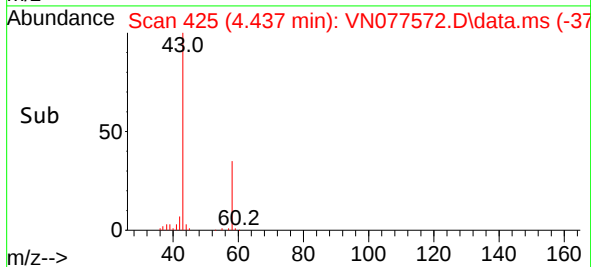
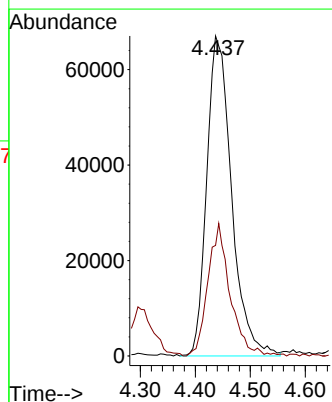
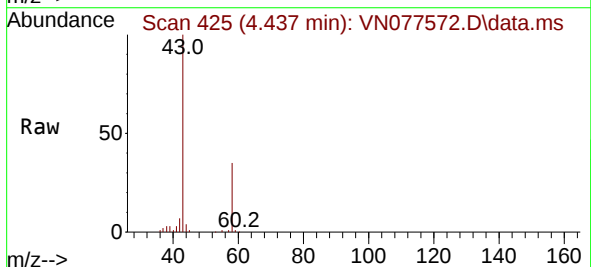
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

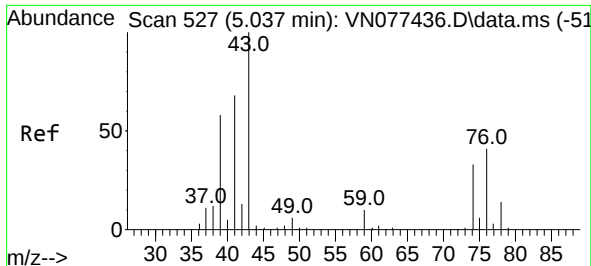
Tgt Ion: 56 Resp: 1794
Ion Ratio Lower Upper
56 100
55 35.7 54.5 81.7#



#16
Acetone
Concen: 67.095 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 43 Resp: 210417
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0





#18

Methyl Acetate

Concen: 0.496 ug/l

RT: 5.037 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

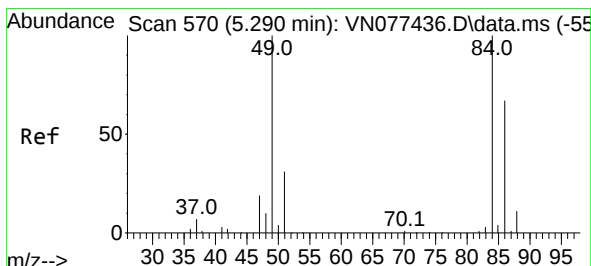
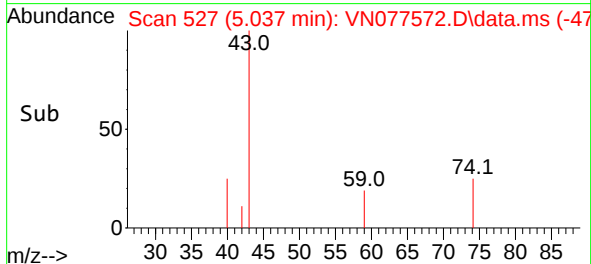
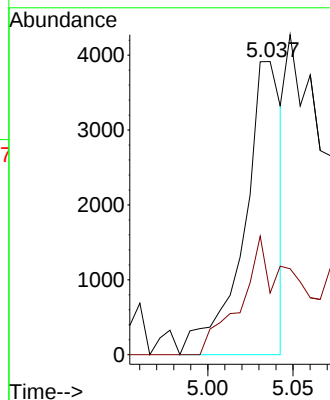
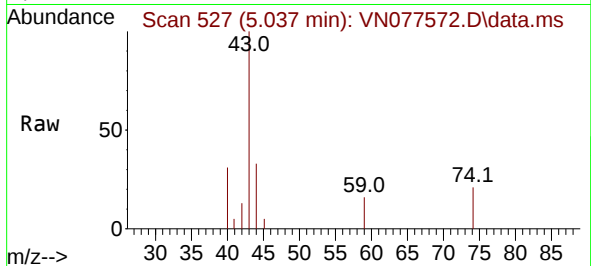
AUD-1992

Tgt Ion: 43 Resp: 6001

Ion Ratio Lower Upper

43 100

74 59.1 26.2 39.4#



#20

Methylene Chloride

Concen: 8.563 ug/l

RT: 5.289 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

Tgt Ion: 84 Resp: 85168

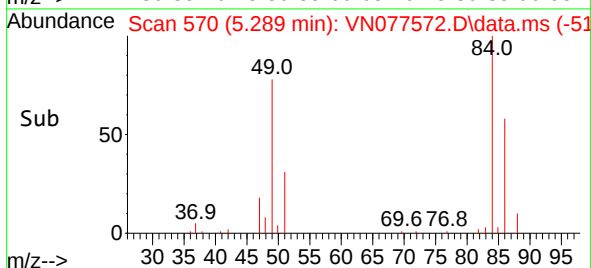
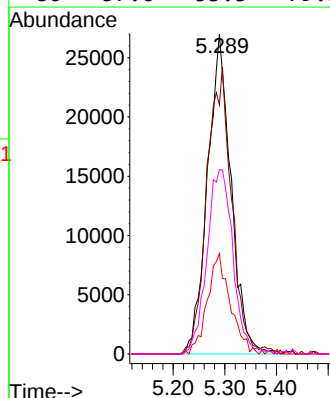
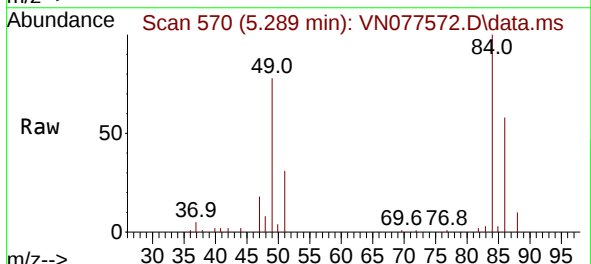
Ion Ratio Lower Upper

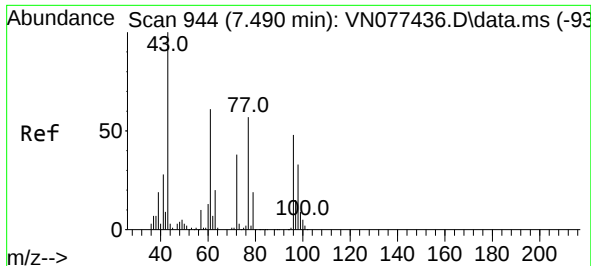
84 100

49 77.8 79.7 119.5#

51 31.3 25.2 37.8

86 57.6 53.3 79.9

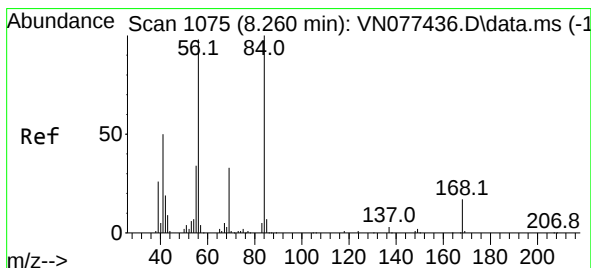
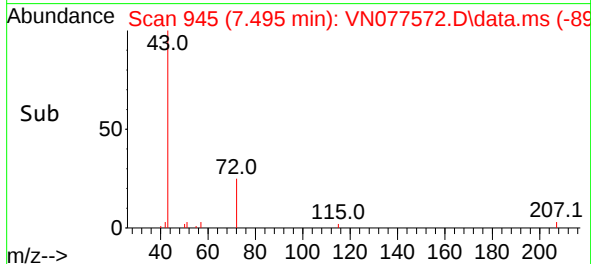
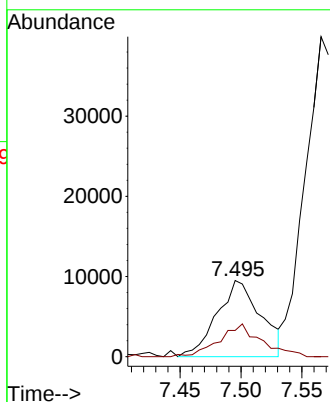
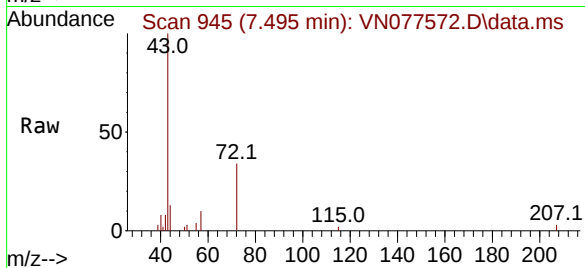




#25
2-Butanone
Concen: 5.317 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

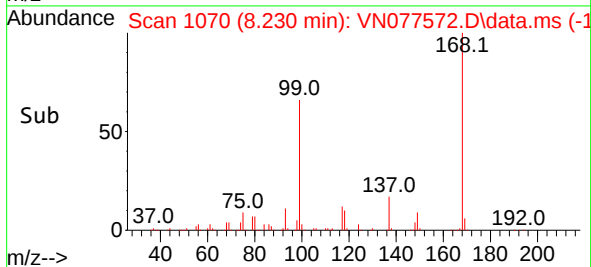
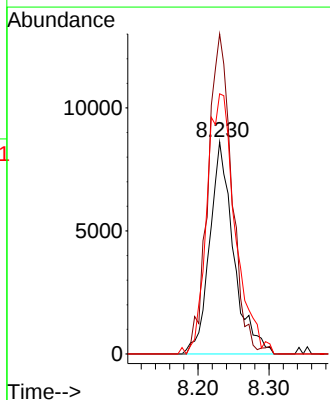
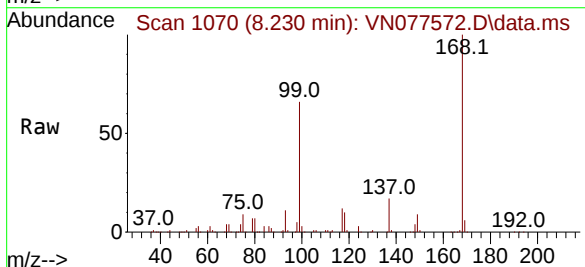
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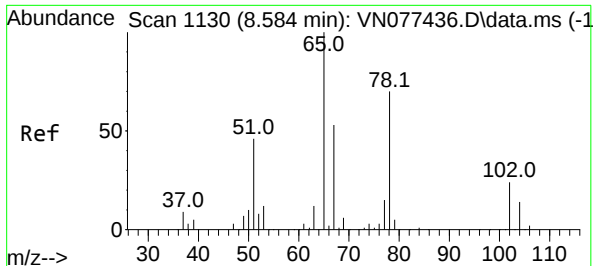
Tgt Ion: 43 Resp: 23649
Ion Ratio Lower Upper
43 100
72 31.6 30.2 45.2



#31
Cyclohexane
Concen: 1.445 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.030 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 56 Resp: 20174
Ion Ratio Lower Upper
56 100
69 150.9 26.8 40.2#
84 122.7 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 50.598 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

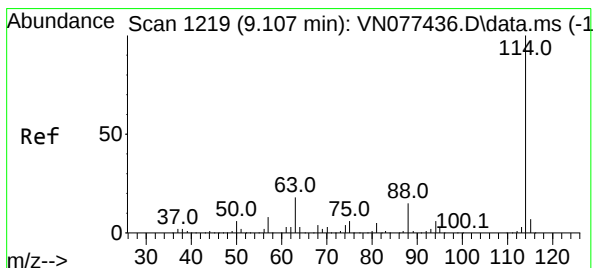
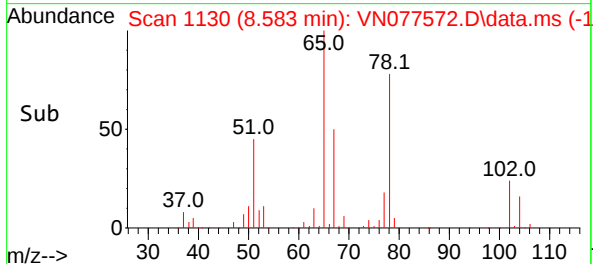
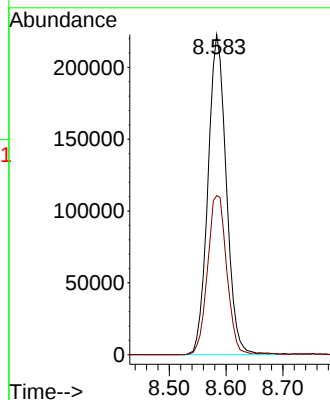
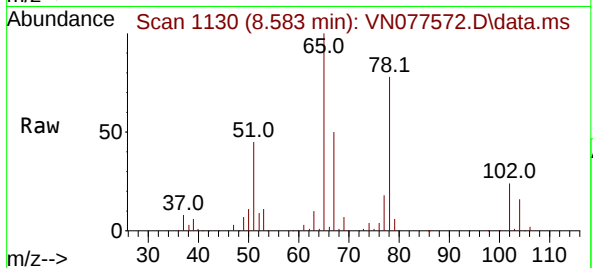
AUD-1992

Tgt Ion: 65 Resp: 498777

Ion Ratio Lower Upper

65 100

67 51.9 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: VN077572.D

Acq: 03 May 2023 18:59

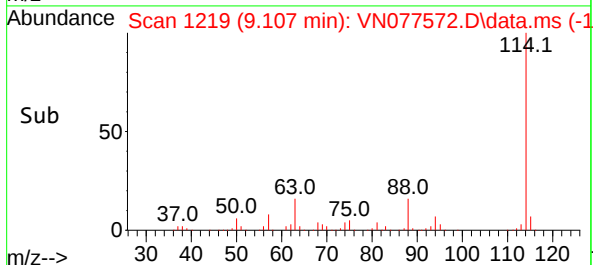
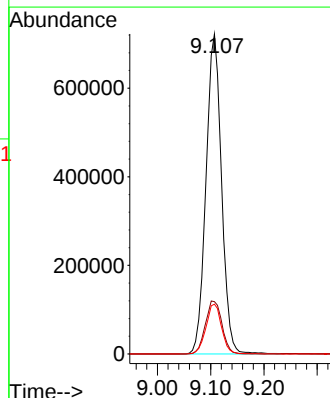
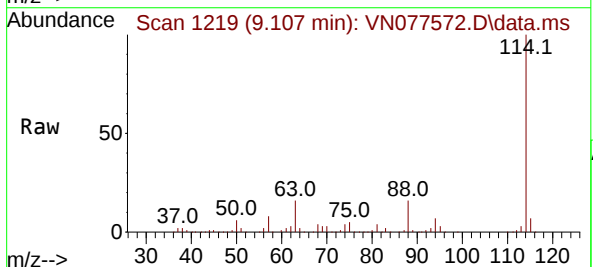
Tgt Ion: 114 Resp: 1463405

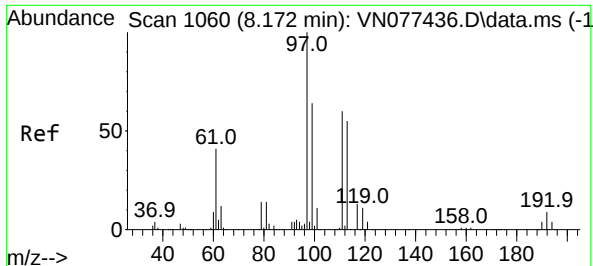
Ion Ratio Lower Upper

114 100

63 16.4 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.162 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

AUD-1992

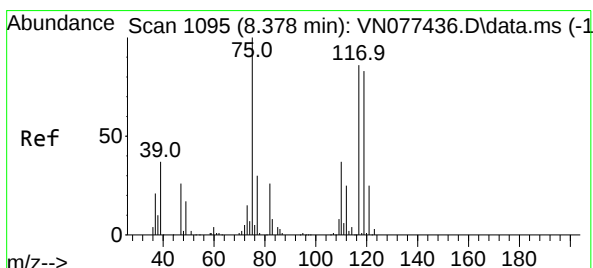
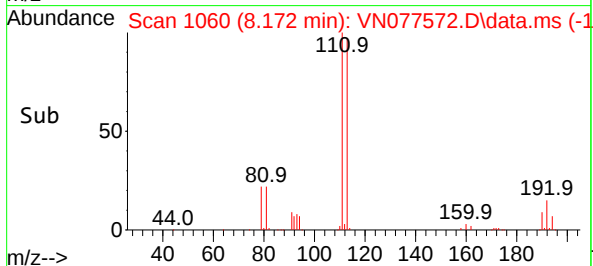
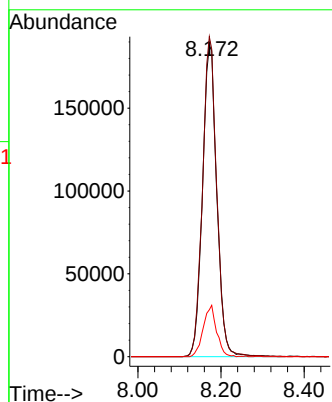
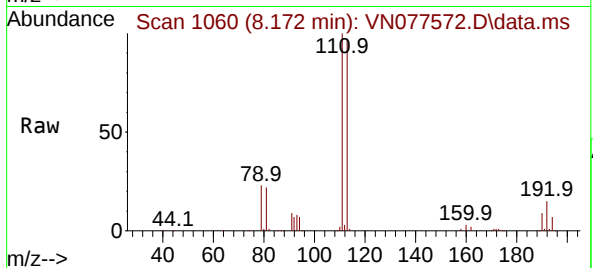
Tgt Ion:113 Resp: 450001

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 15.3 12.7 19.1



#36

1,1-Dichloropropene

Concen: 5.209 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.147 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

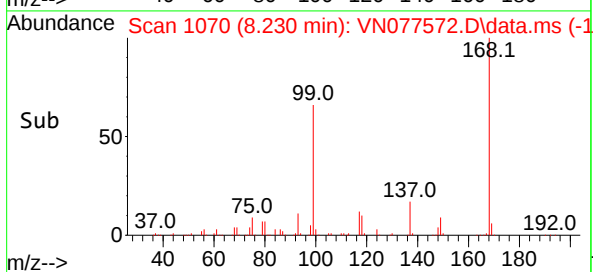
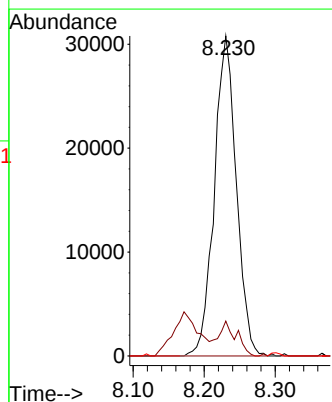
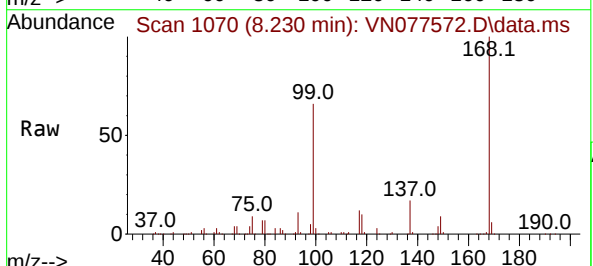
Tgt Ion: 75 Resp: 66190

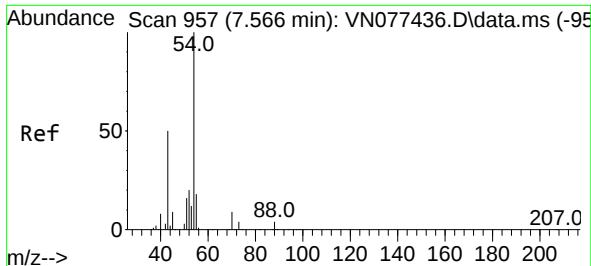
Ion Ratio Lower Upper

75 100

110 8.3 19.1 57.3#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 10.183 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

AUD-1992

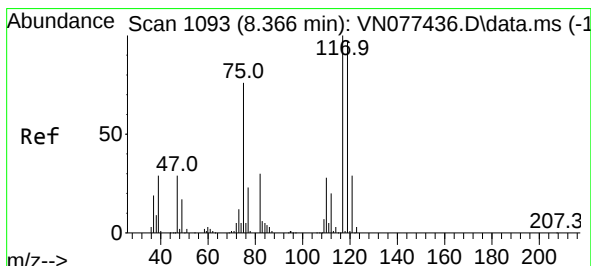
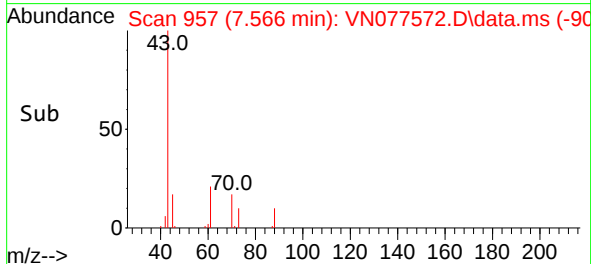
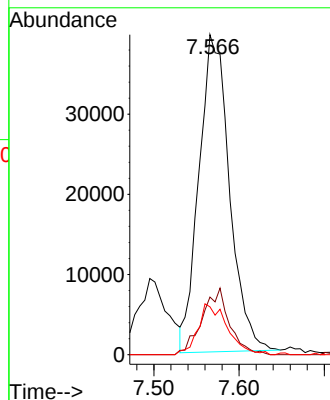
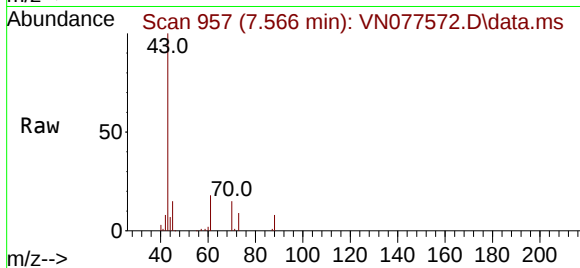
Tgt Ion: 43 Resp: 98329

Ion Ratio Lower Upper

43 100

61 18.9 13.2 19.8

70 15.5 11.3 16.9



#38

Carbon Tetrachloride

Concen: 6.104 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.136 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

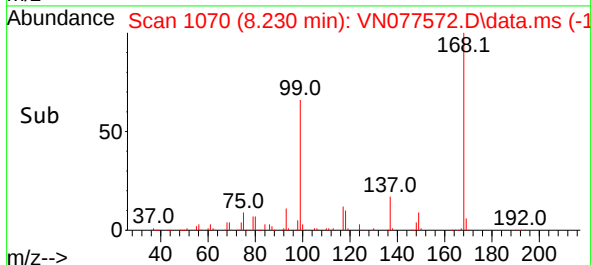
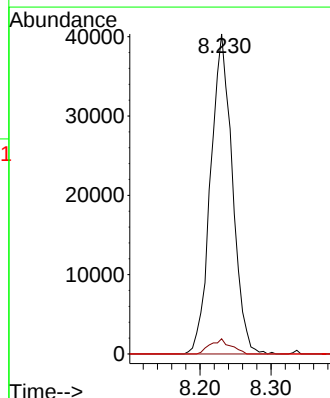
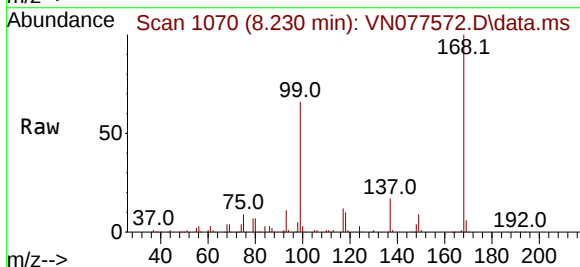
Tgt Ion: 117 Resp: 85584

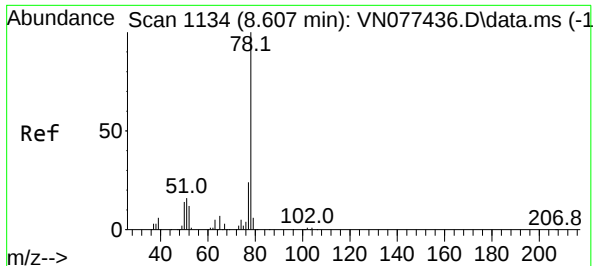
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 23.3 34.9#

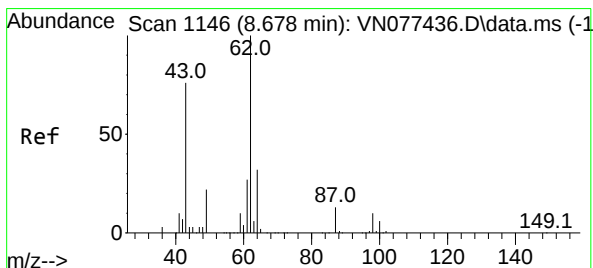
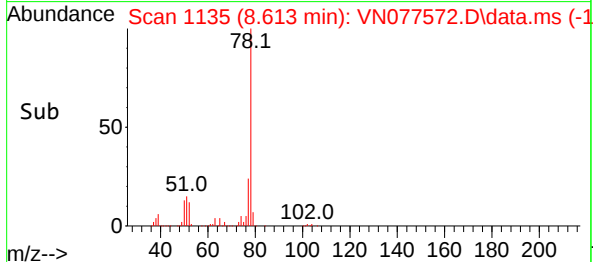
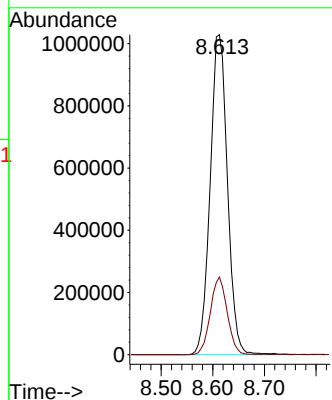
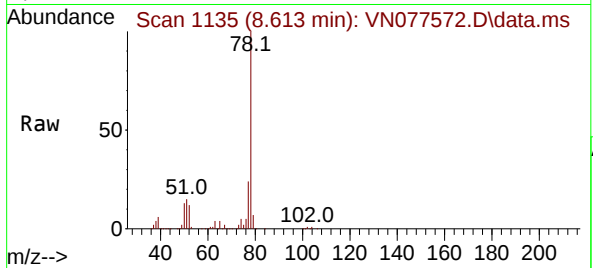




#40
Benzene
Concen: 61.763 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

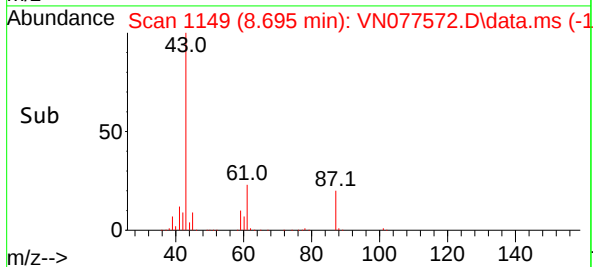
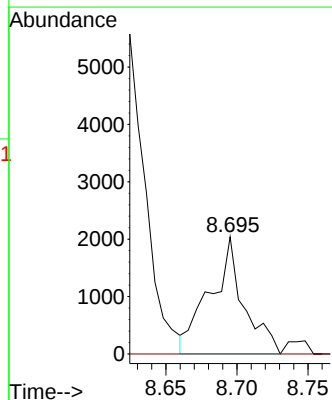
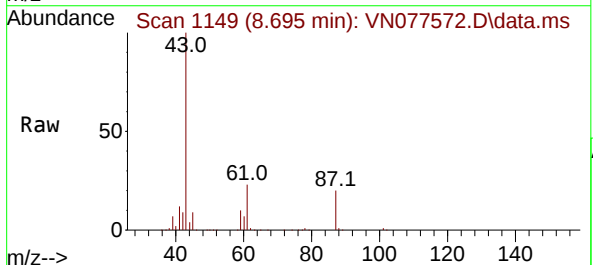
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

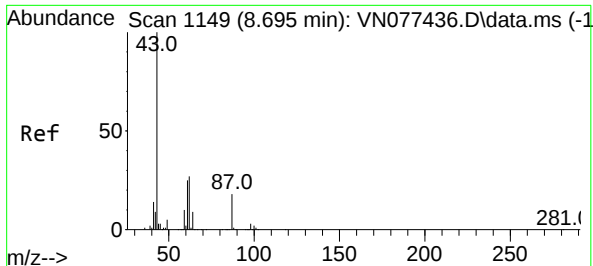
Tgt Ion: 78 Resp: 2390913
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6



#42
1,2-Dichloroethane
Concen: 0.250 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.017 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 62 Resp: 3330
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8

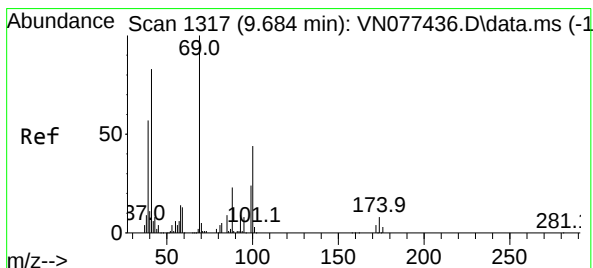
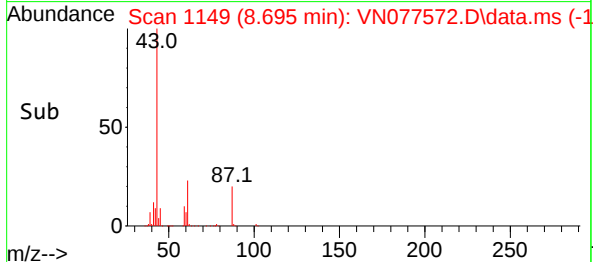
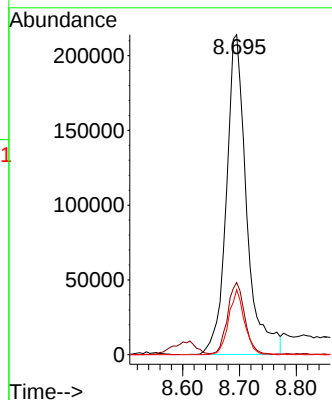
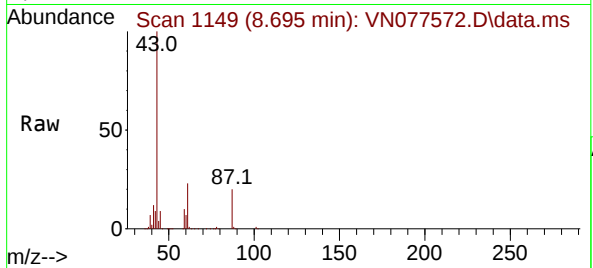




#43
Isopropyl Acetate
Concen: 31.726 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

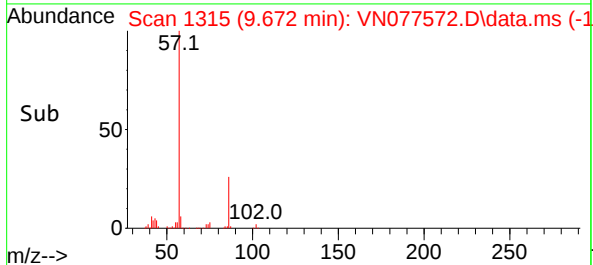
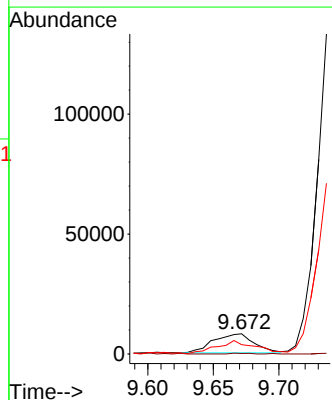
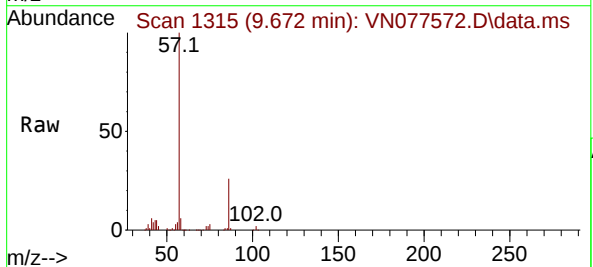
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

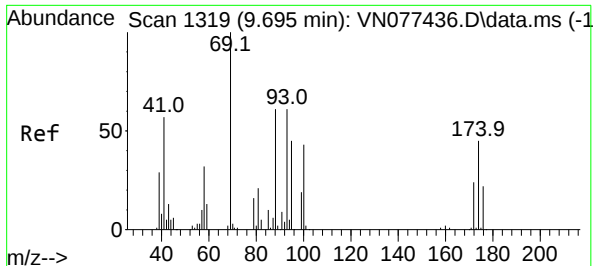
Tgt Ion: 43 Resp: 529981
Ion Ratio Lower Upper
43 100
61 19.0 24.7 37.1#
87 15.9 14.6 21.8



#48
Methyl methacrylate
Concen: 2.236 ug/l
RT: 9.672 min Scan# 1315
Delta R.T. -0.012 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 41 Resp: 17004
Ion Ratio Lower Upper
41 100
69 1.6 90.4 135.6#
39 65.2 54.6 81.8

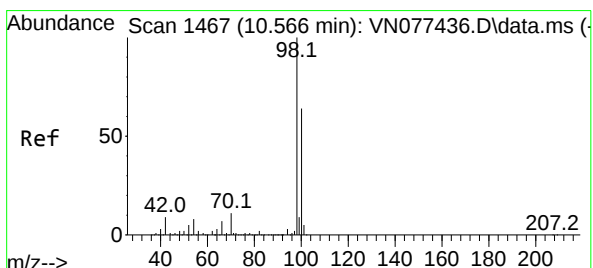
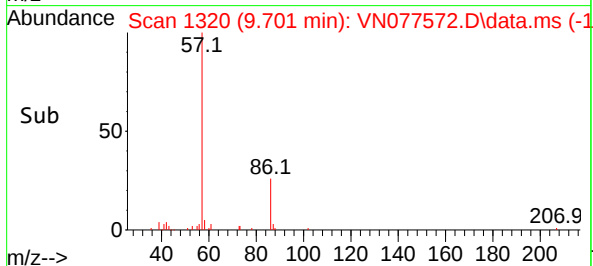
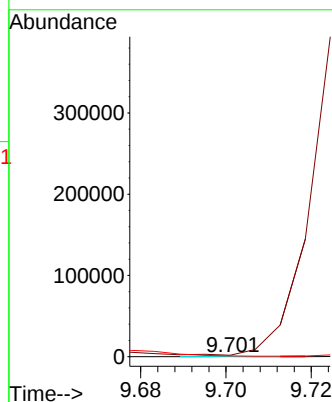
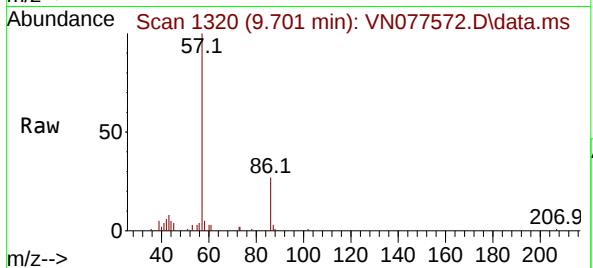




#49
1,4-Dioxane
Concen: 0.315 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

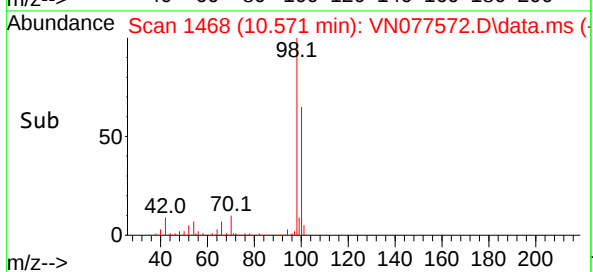
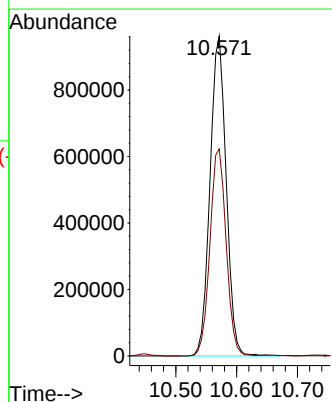
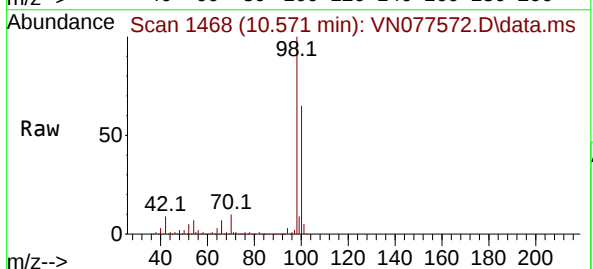
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

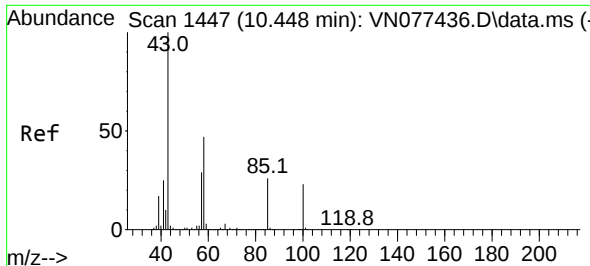
Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 52.623 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 98 Resp: 1773945
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

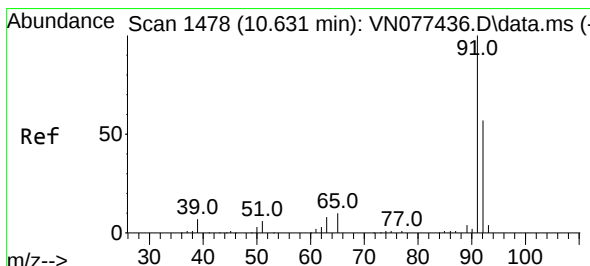
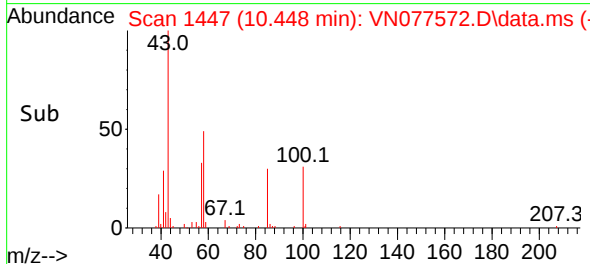
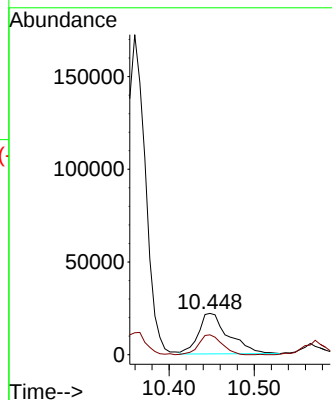
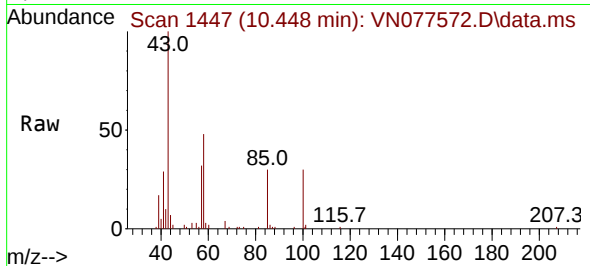




#51
4-Methyl-2-Pentanone
Concen: 5.468 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

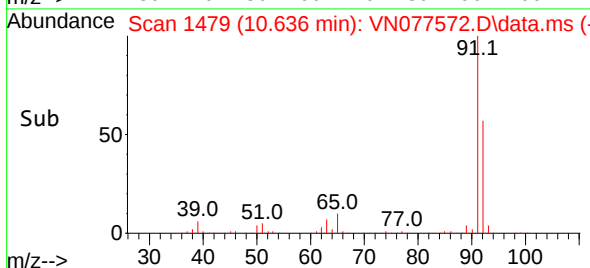
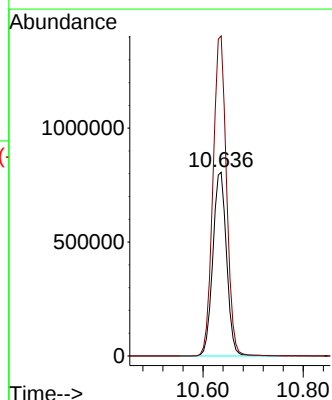
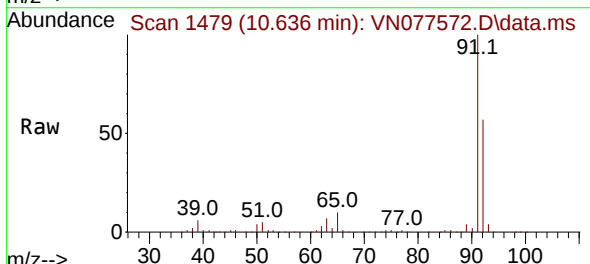
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

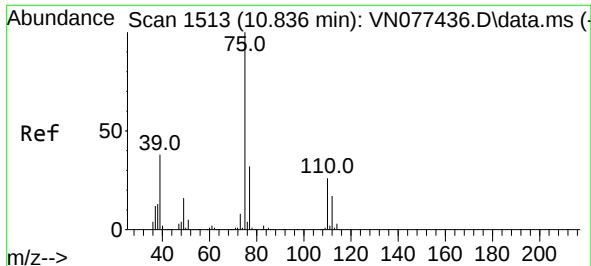
Tgt Ion: 43 Resp: 53574
Ion Ratio Lower Upper
43 100
58 37.7 36.6 54.8



#52
Toluene
Concen: 60.359 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 92 Resp: 1530699
Ion Ratio Lower Upper
92 100
91 172.2 137.4 206.0

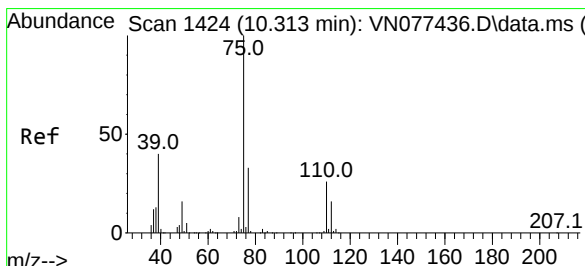
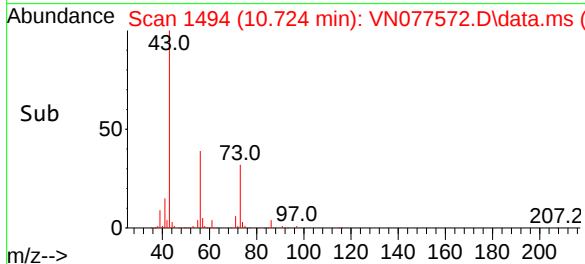
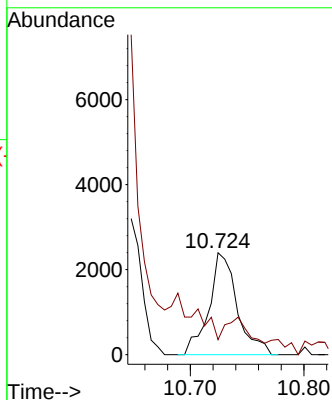
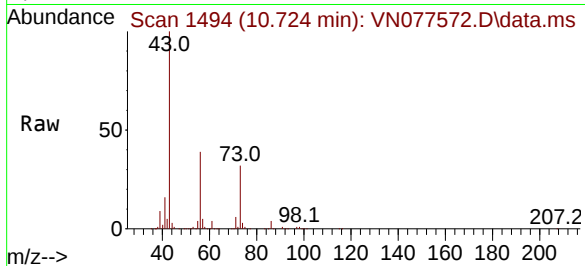




#53
 t-1,3-Dichloropropene
 Concen: 0.287 ug/l
 RT: 10.724 min Scan# 1494
 Delta R.T. -0.112 min
 Lab File: VN077572.D
 Acq: 03 May 2023 18:59

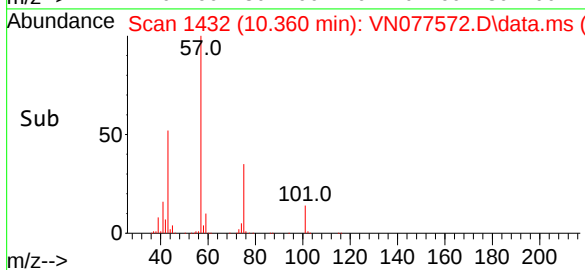
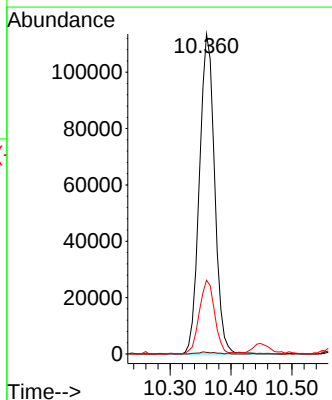
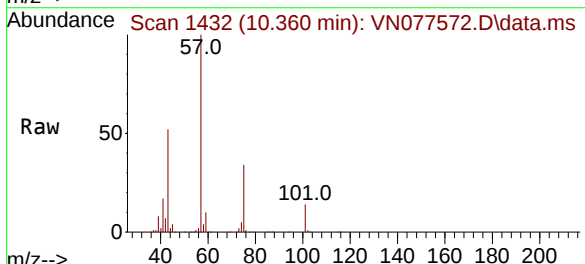
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1992

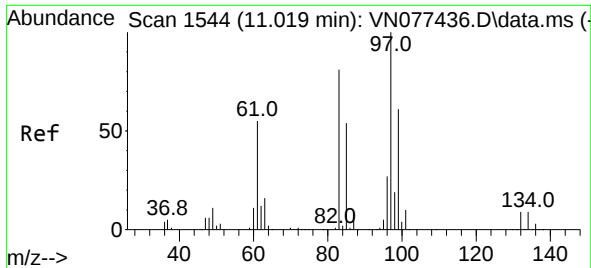
Tgt Ion: 75 Resp: 4143
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 12.571 ug/l
 RT: 10.360 min Scan# 1432
 Delta R.T. 0.047 min
 Lab File: VN077572.D
 Acq: 03 May 2023 18:59

Tgt Ion: 75 Resp: 197196
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.1 39.1#
 39 22.9 31.6 47.4#

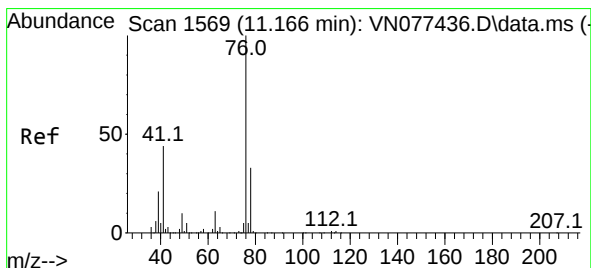
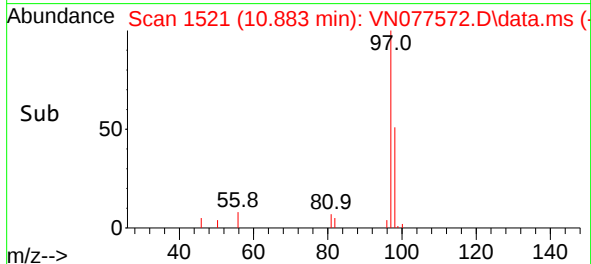
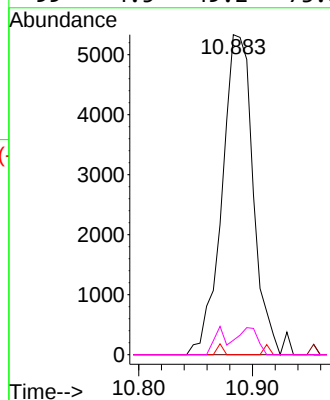
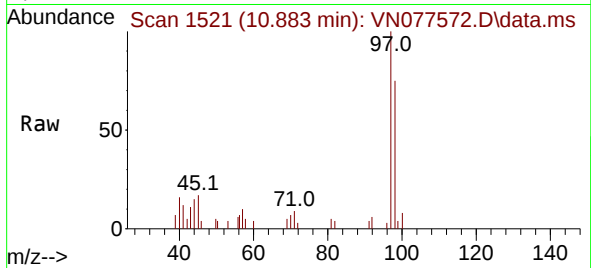




#55
 1,1,2-Trichloroethane
 Concen: 0.992 ug/l
 RT: 10.883 min Scan# 1521
 Delta R.T. -0.136 min
 Lab File: VN077572.D
 Acq: 03 May 2023 18:59

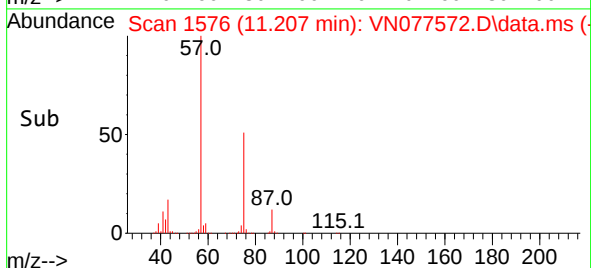
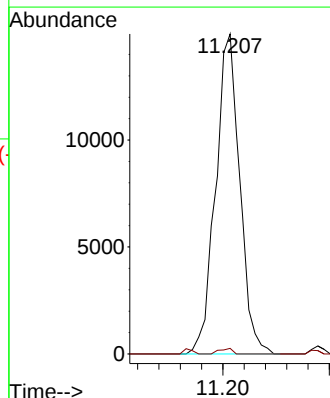
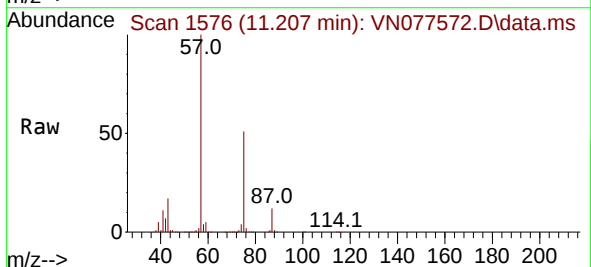
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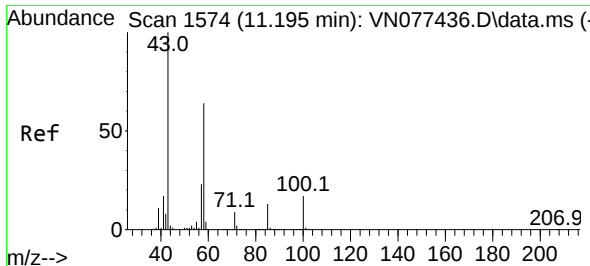
Tgt Ion: 97	Resp: 10116
Ion Ratio	Lower Upper
97 100	
83 0.0	65.1 97.7#
85 0.0	43.4 65.2#
99 4.5	49.2 73.8#



#57
 1,3-Dichloropropane
 Concen: 1.444 ug/l
 RT: 11.207 min Scan# 1576
 Delta R.T. 0.041 min
 Lab File: VN077572.D
 Acq: 03 May 2023 18:59

Tgt Ion: 76	Resp: 23462
Ion Ratio	Lower Upper
76 100	
78 0.9	26.1 39.1#

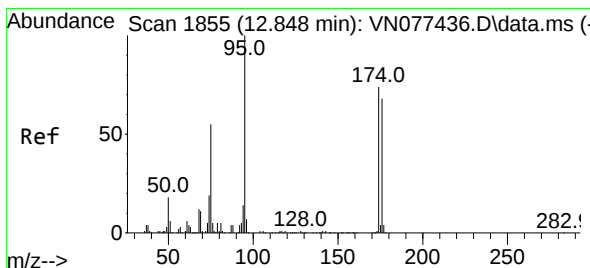
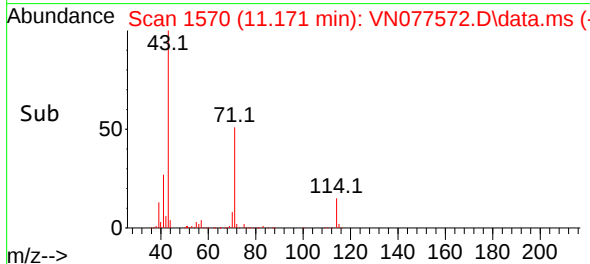
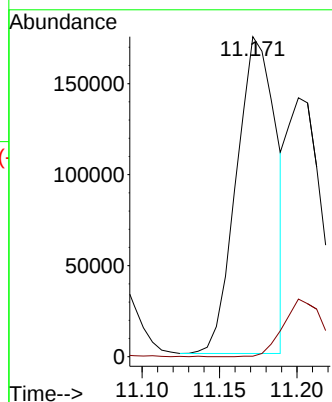
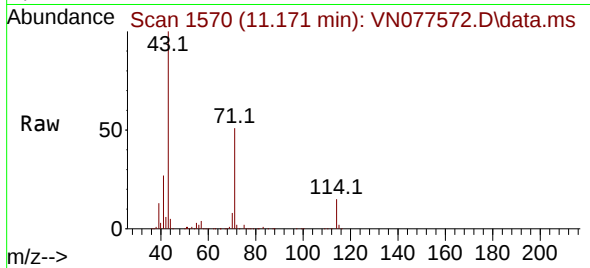




#59
2-Hexanone
Concen: 43.374 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.024 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

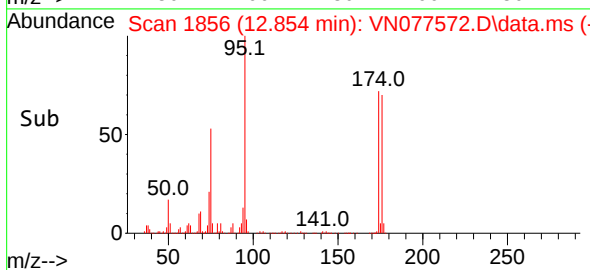
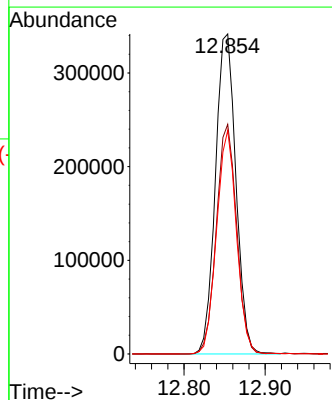
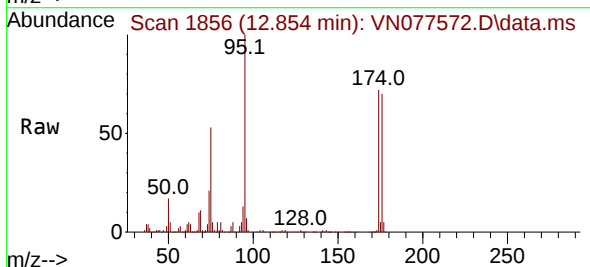
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

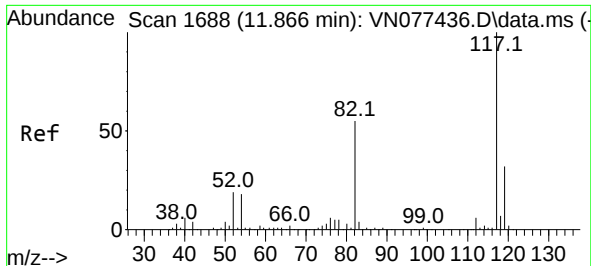
Tgt Ion: 43 Resp: 308921
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 54.358 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 95 Resp: 599522
Ion Ratio Lower Upper
95 100
174 70.9 0.0 143.8
176 67.8 0.0 135.8

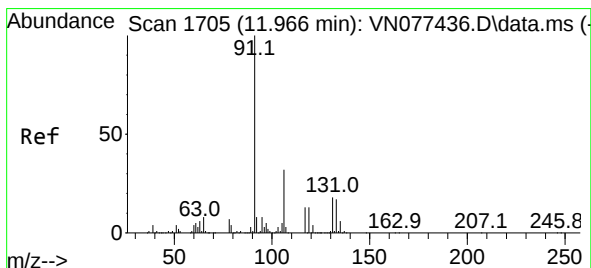
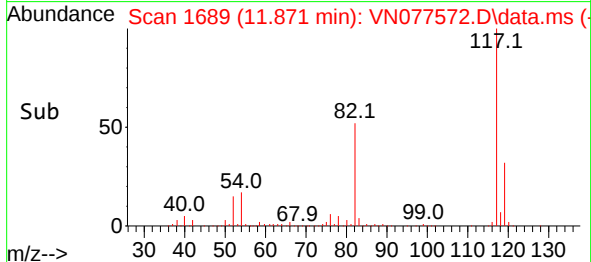
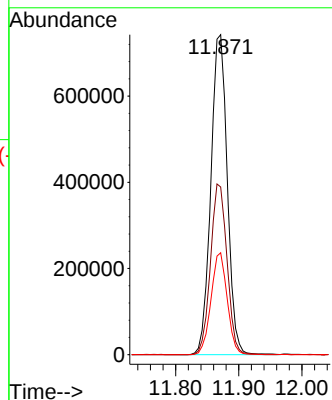
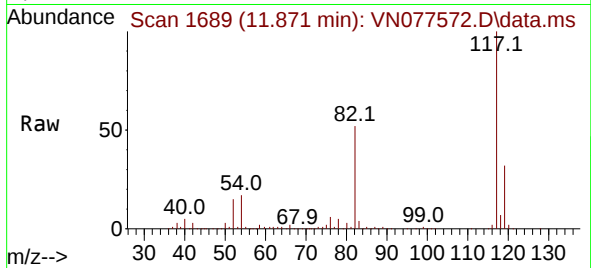




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

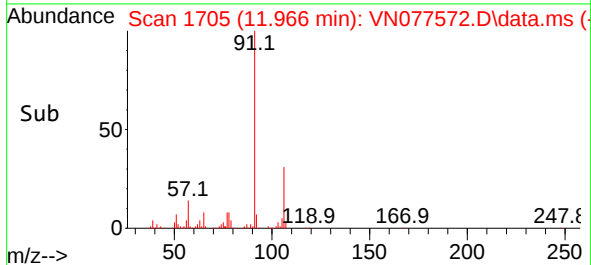
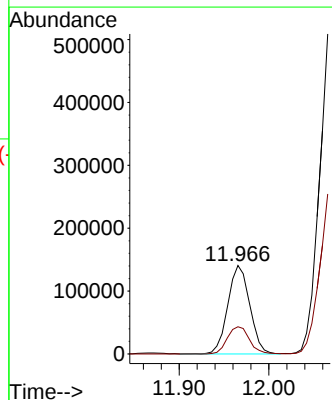
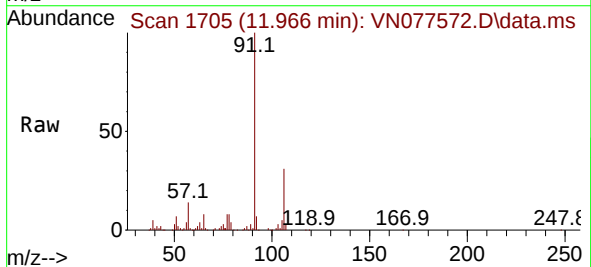
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

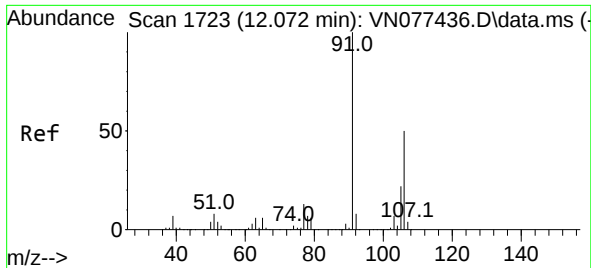
Tgt Ion:117 Resp: 1343281
Ion Ratio Lower Upper
117 100
82 52.4 44.0 66.0
119 31.8 25.6 38.4



#67
Ethyl Benzene
Concen: 4.776 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 91 Resp: 238978
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

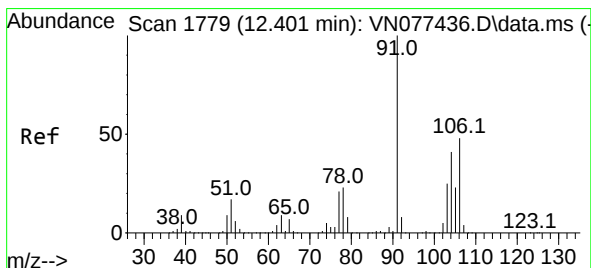
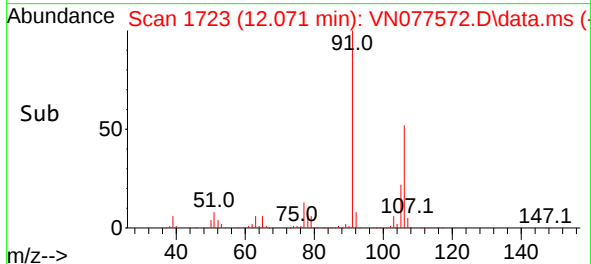
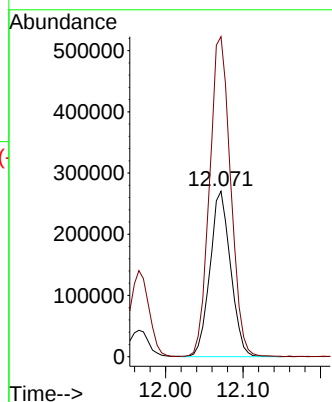
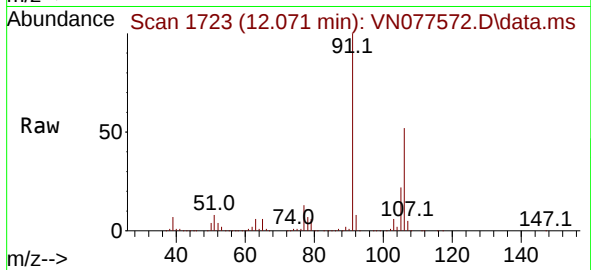




#68
m/p-Xylenes
Concen: 25.678 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

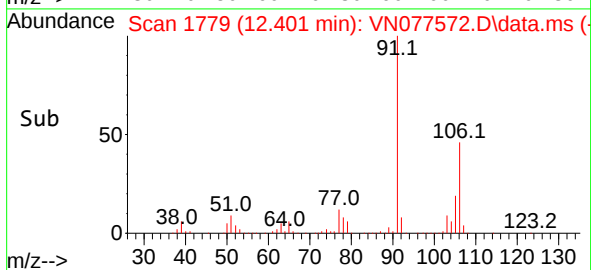
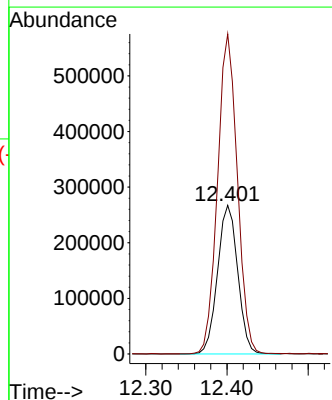
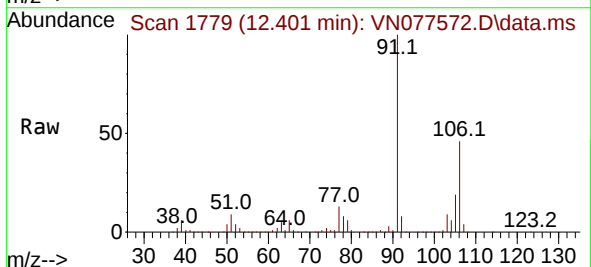
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

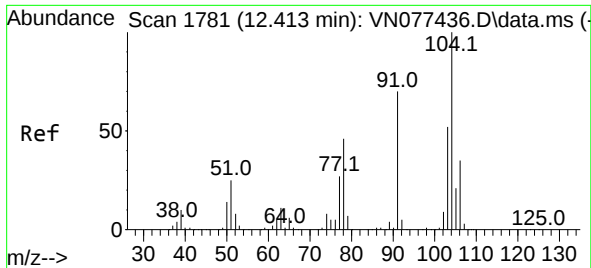
Tgt Ion:106 Resp: 499382
Ion Ratio Lower Upper
106 100
91 198.8 159.6 239.4



#69
o-Xylene
Concen: 24.177 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion:106 Resp: 462482
Ion Ratio Lower Upper
106 100
91 211.1 105.2 315.5

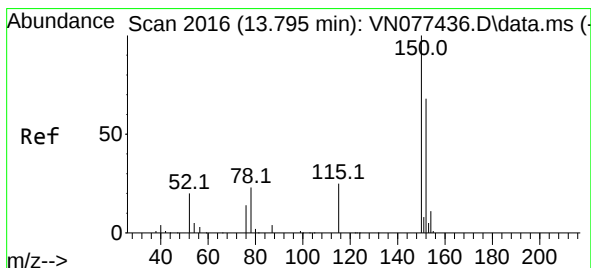
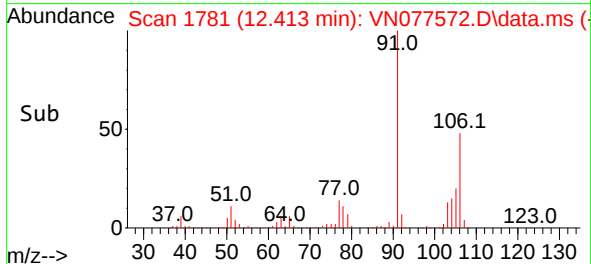
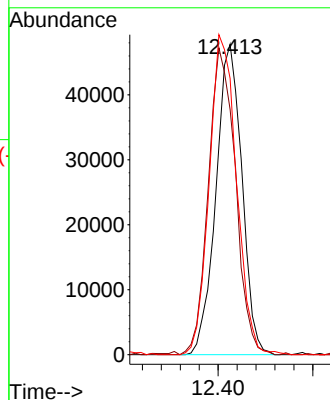
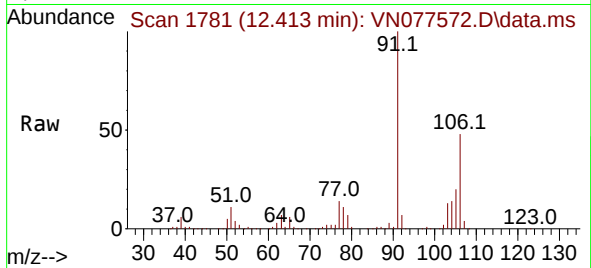




#70
Styrene
Concen: 3.035 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

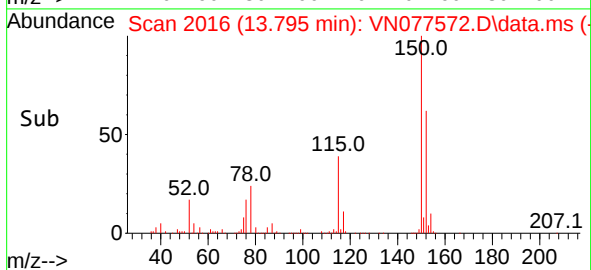
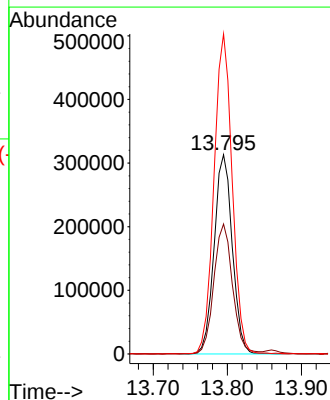
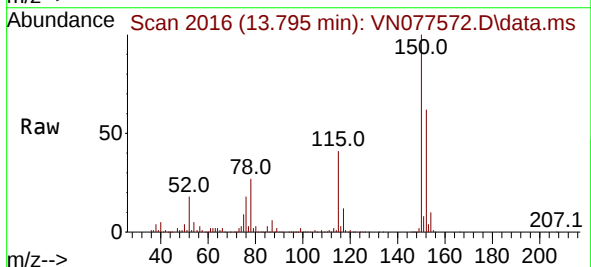
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

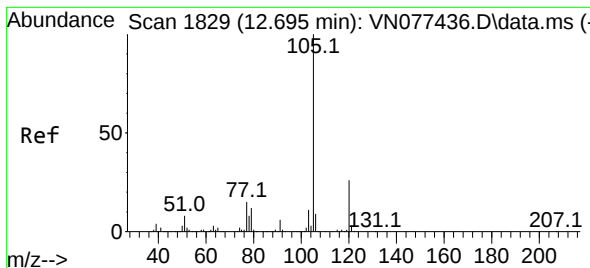
Tgt Ion:104 Resp: 90780
Ion Ratio Lower Upper
104 100
78 103.5 39.5 59.3#
103 108.1 43.2 64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion:152 Resp: 532352
Ion Ratio Lower Upper
152 100
115 67.4 32.3 96.8
150 160.4 0.0 355.8





#73

Isopropylbenzene

Concen: 0.284 ug/l

RT: 12.695 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

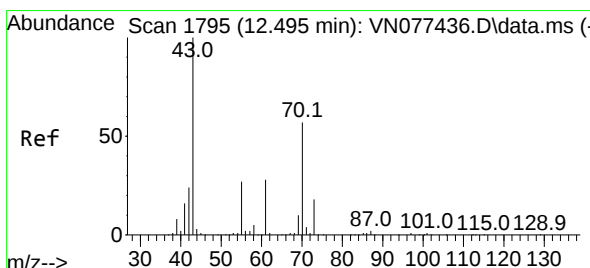
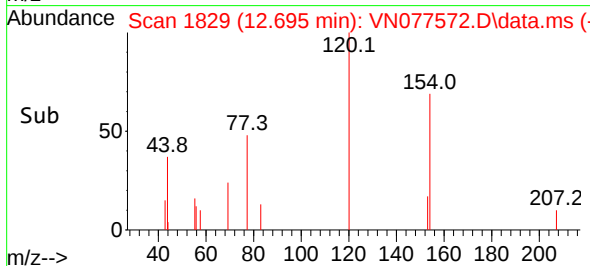
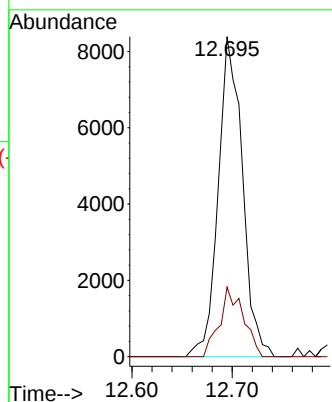
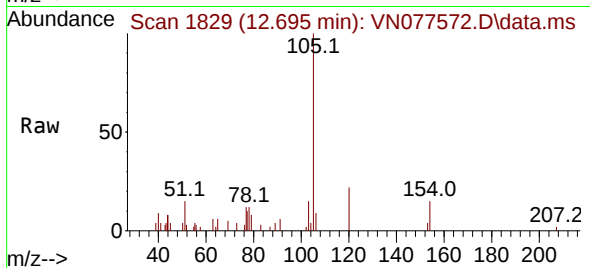
AUD-1992

Tgt Ion:105 Resp: 14027

Ion Ratio Lower Upper

105 100

120 21.4 13.1 39.1



#74

N-ethyl acetate

Concen: 0.333 ug/l

RT: 12.460 min Scan# 1789

Delta R.T. -0.036 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

Tgt Ion: 43 Resp: 4871

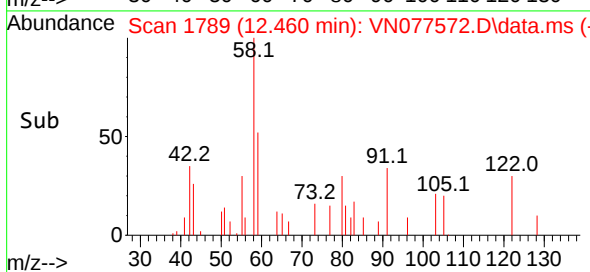
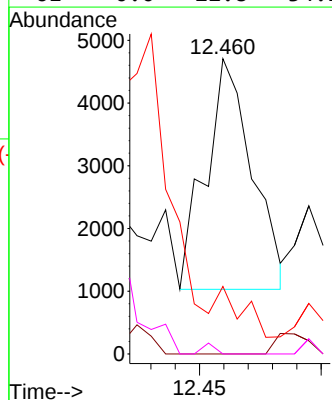
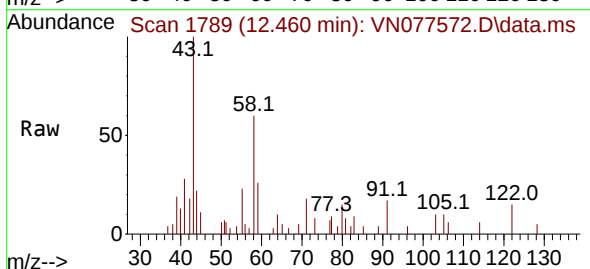
Ion Ratio Lower Upper

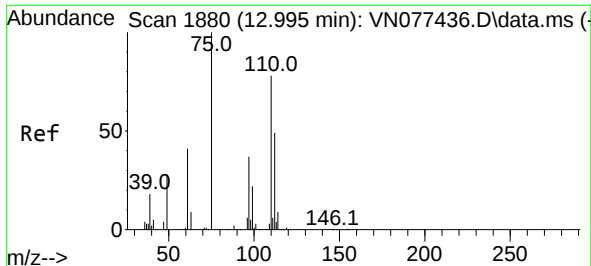
43 100

70 0.0 43.4 65.2#

55 0.0 21.4 32.0#

61 0.0 22.8 34.2#

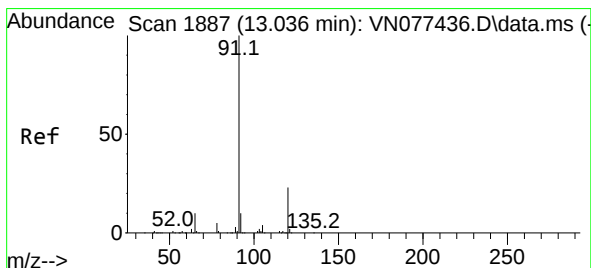
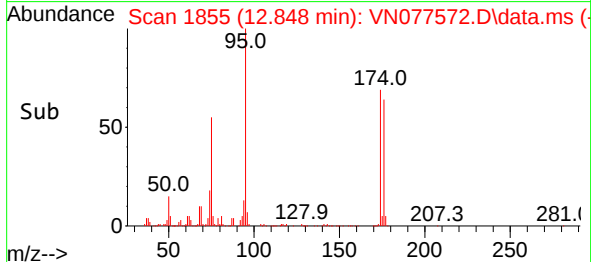
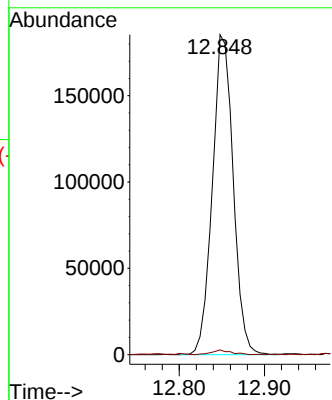
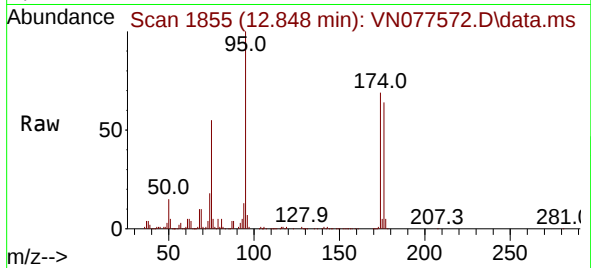




#76
1,2,3-Trichloropropane
Concen: 25.391 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

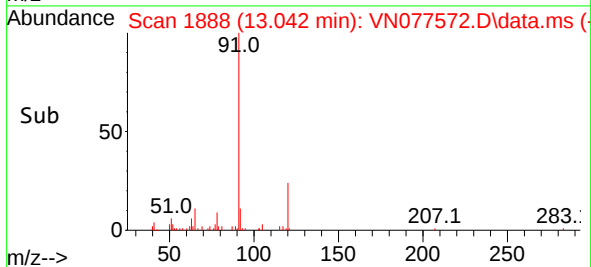
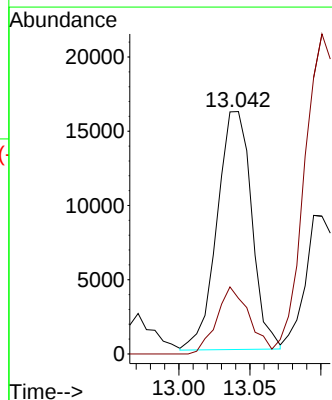
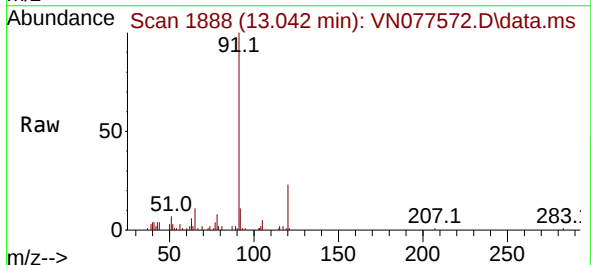
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

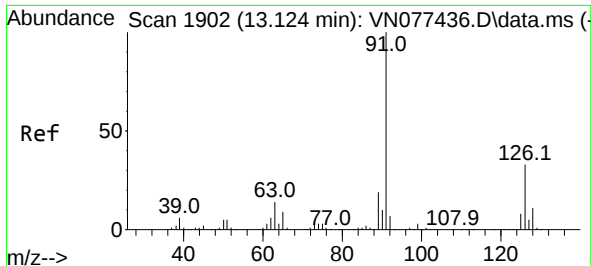
Tgt Ion: 75 Resp: 314327
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#78
n-propylbenzene
Concen: 0.498 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 91 Resp: 27218
Ion Ratio Lower Upper
91 100
120 26.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.531 ug/l

RT: 13.095 min Scan# 1897

Delta R.T. -0.030 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

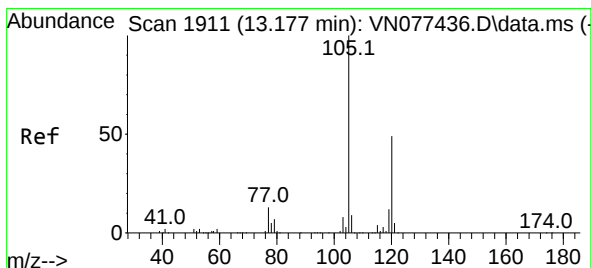
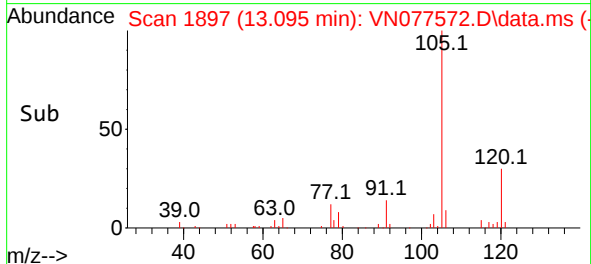
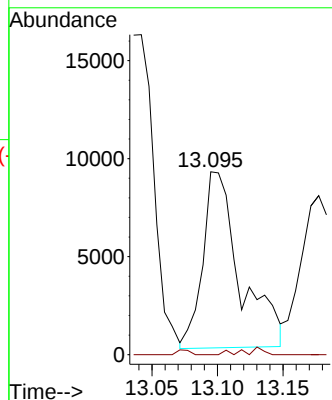
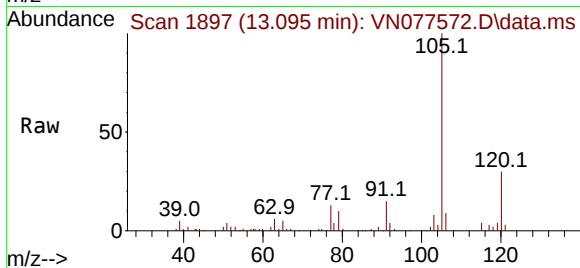
AUD-1992

Tgt Ion: 91 Resp: 17882

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 3.232 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077572.D

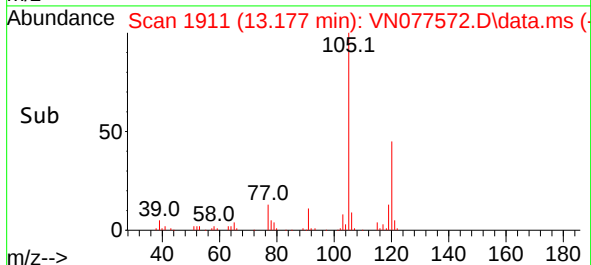
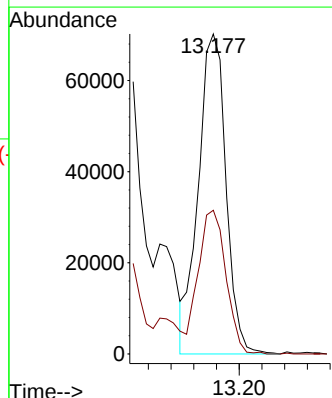
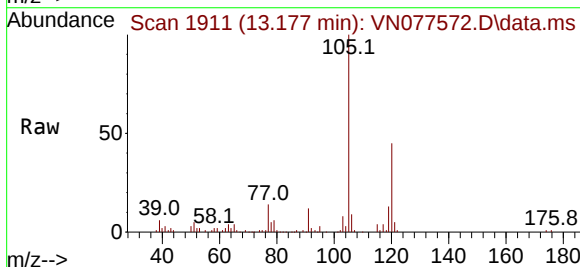
Acq: 03 May 2023 18:59

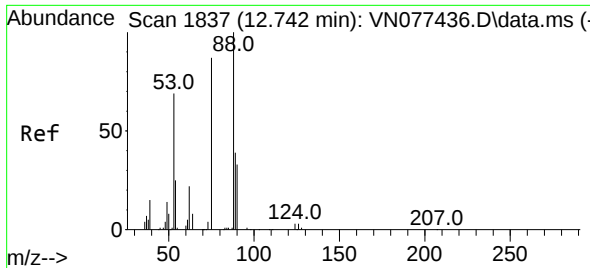
Tgt Ion:105 Resp: 118565

Ion Ratio Lower Upper

105 100

120 44.5 24.1 72.3

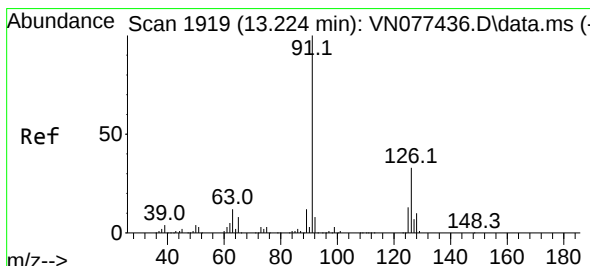
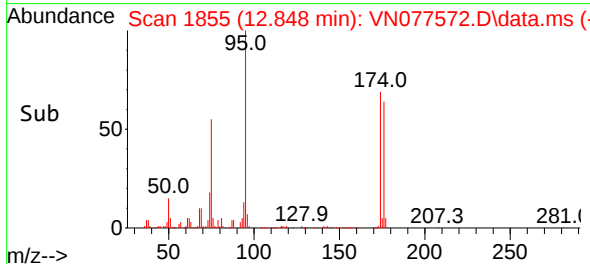
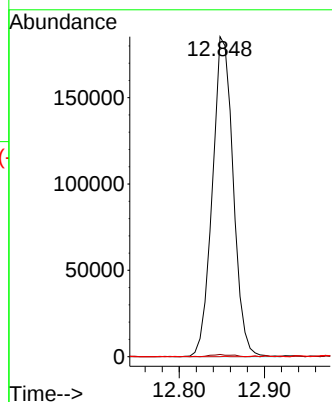
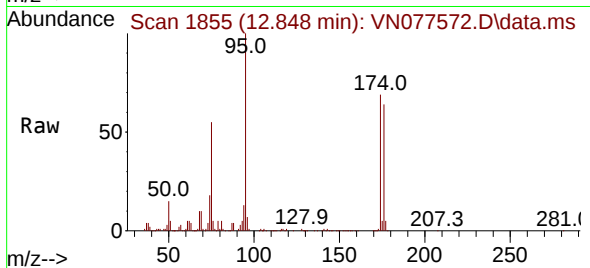




#81
trans-1,4-Dichloro-2-butene
Concen: 71.735 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.106 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

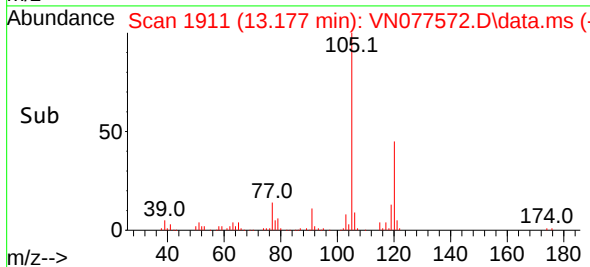
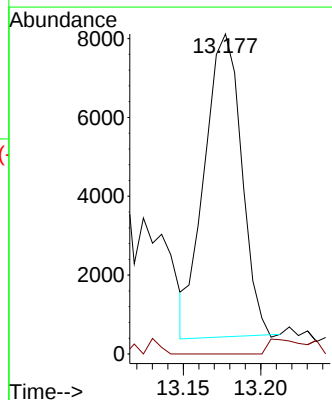
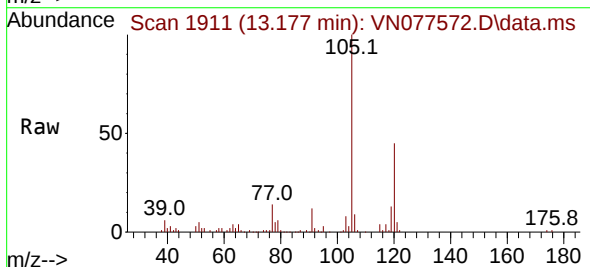
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

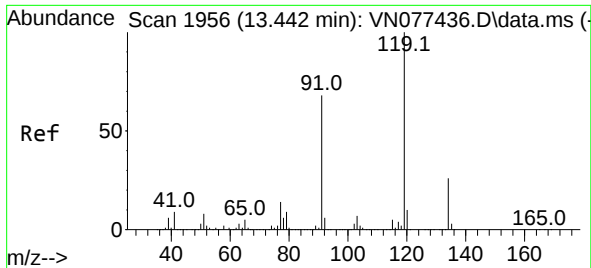
Tgt Ion: 75 Resp: 314327
Ion Ratio Lower Upper
75 100
53 0.7 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.406 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.047 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 91 Resp: 12784
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#

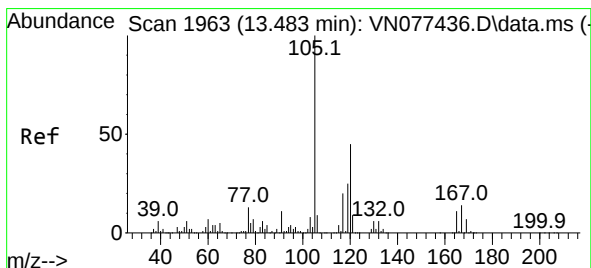
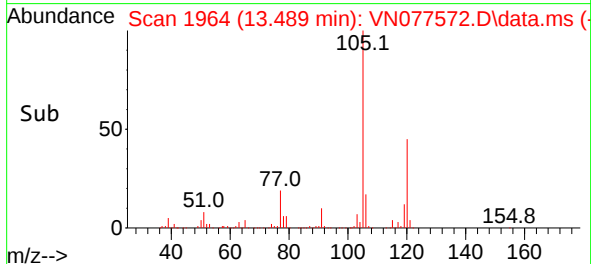
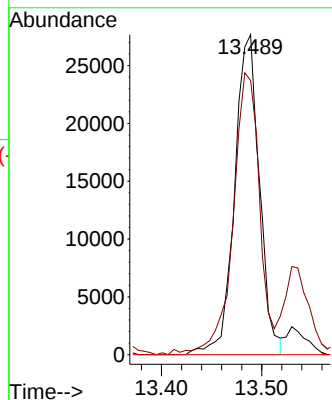
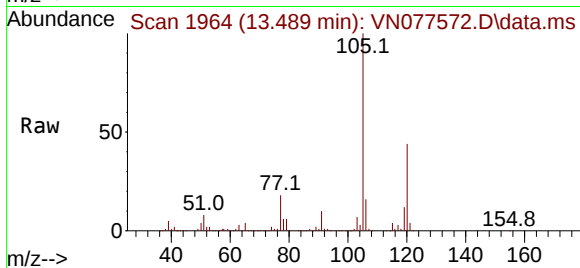




#83
tert-Butylbenzene
Concen: 1.340 ug/l
RT: 13.489 min Scan# 1956
Delta R.T. 0.047 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

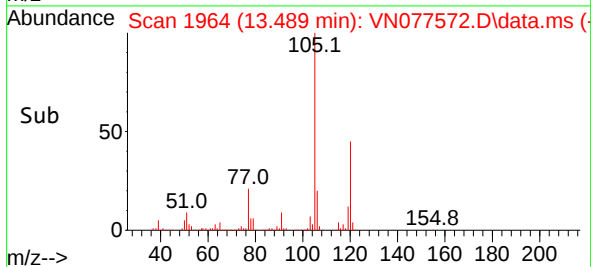
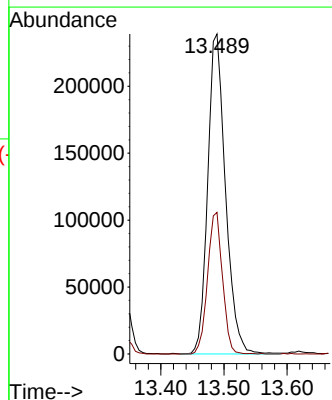
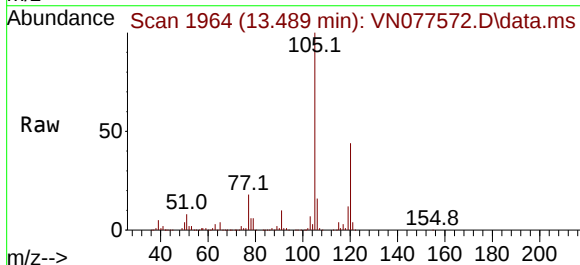
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

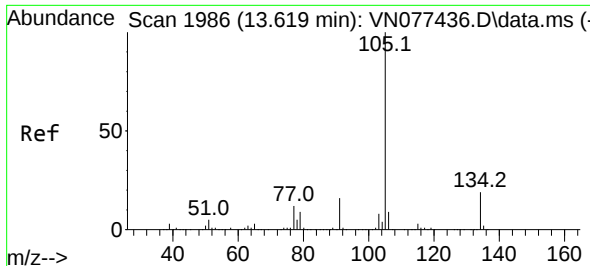
Tgt Ion:119 Resp: 47752
Ion Ratio Lower Upper
119 100
91 94.0 33.9 101.7
134 0.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 13.652 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion:105 Resp: 467726
Ion Ratio Lower Upper
105 100
120 37.1 22.0 66.0

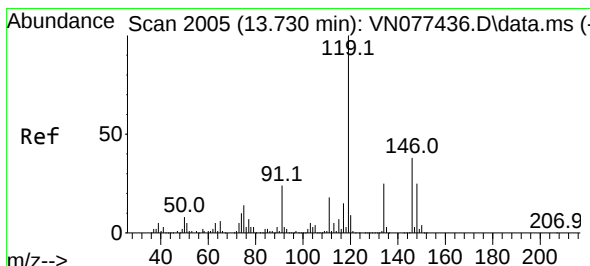
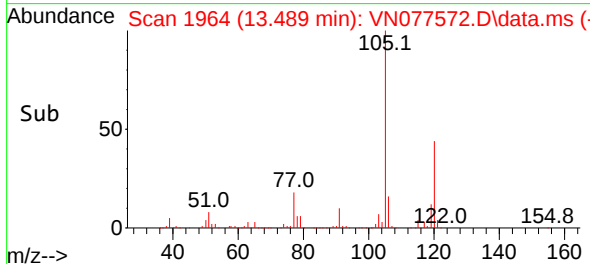
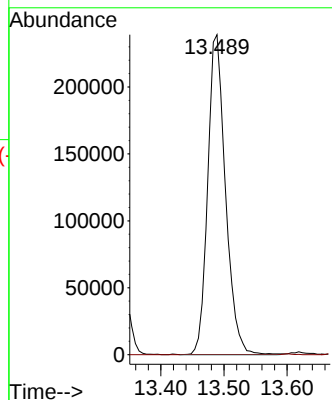
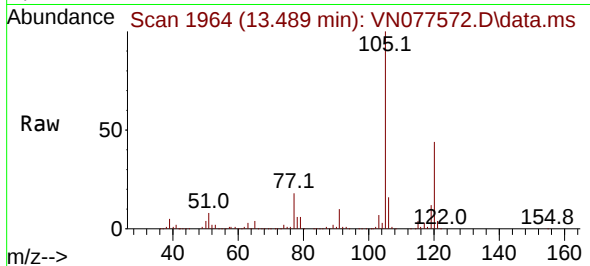




#85
 sec-Butylbenzene
 Concen: 9.565 ug/l
 RT: 13.489 min Scan# 1986
 Delta R.T. -0.130 min
 Lab File: VN077572.D
 Acq: 03 May 2023 18:59

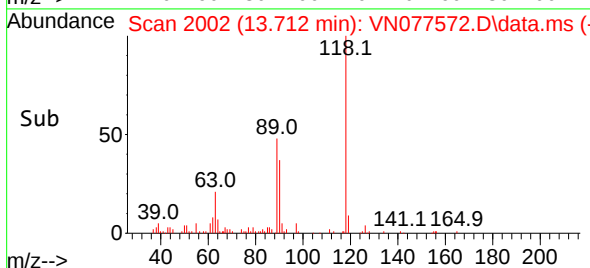
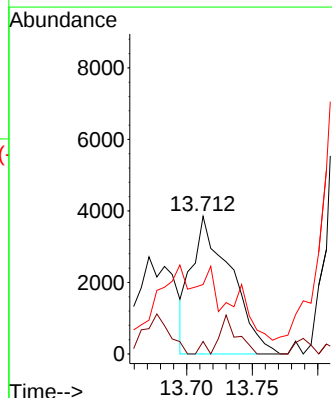
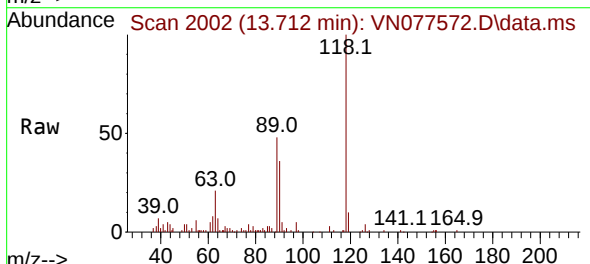
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1992

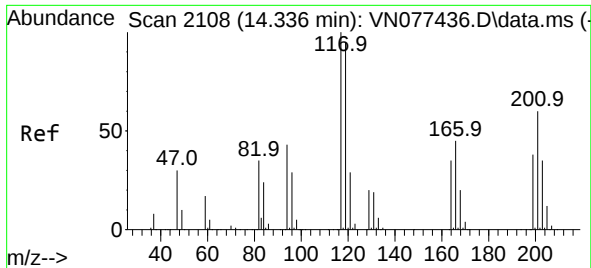
Tgt Ion:105 Resp: 467726
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 0.214 ug/l
 RT: 13.712 min Scan# 2002
 Delta R.T. -0.018 min
 Lab File: VN077572.D
 Acq: 03 May 2023 18:59

Tgt Ion:119 Resp: 8062
 Ion Ratio Lower Upper
 119 100
 134 13.5 12.6 37.8
 91 0.0 12.4 37.2#

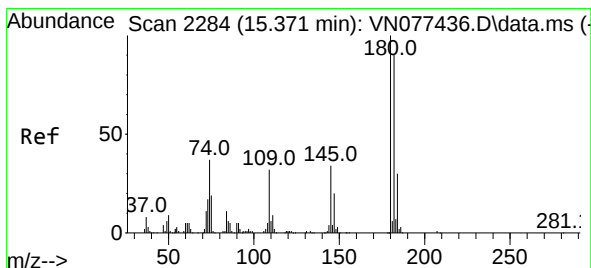
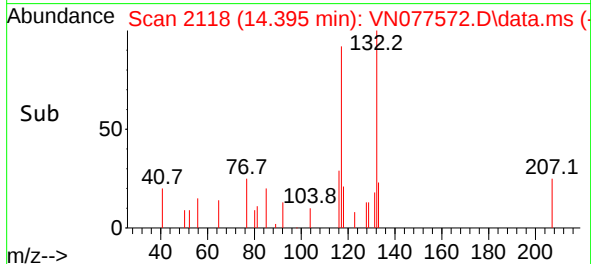
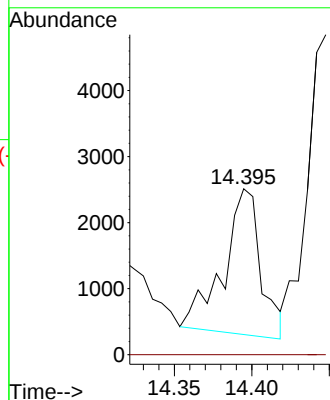
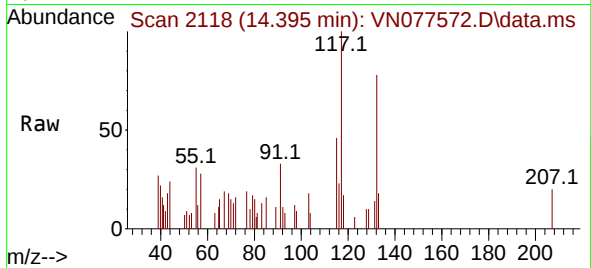




#90
Hexachloroethane
Concen: 0.442 ug/l
RT: 14.395 min Scan# 2108
Delta R.T. 0.059 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

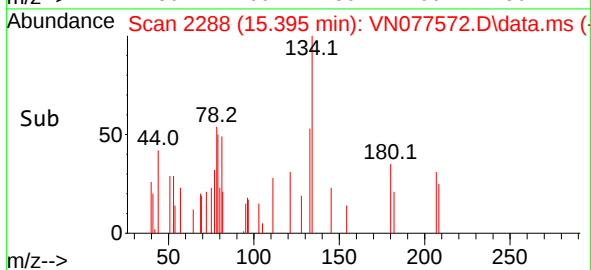
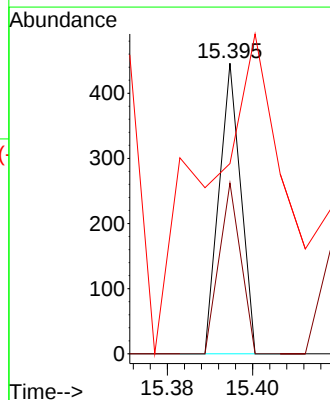
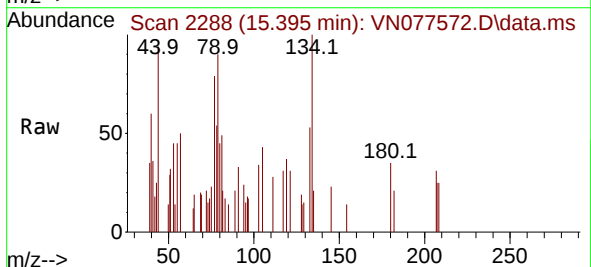
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

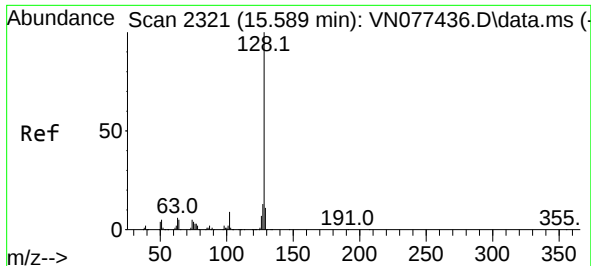
Tgt Ion:117 Resp: 3671
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.838 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. 0.024 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion:180 Resp: 157
Ion Ratio Lower Upper
180 100
182 58.6 46.1 138.2
145 449.0 16.6 49.8#

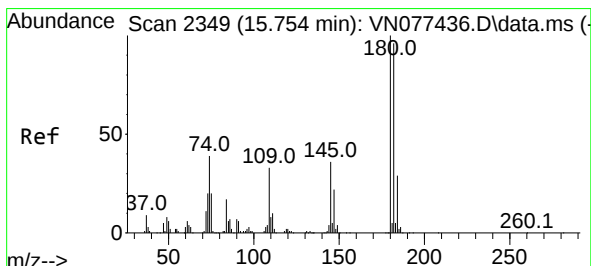
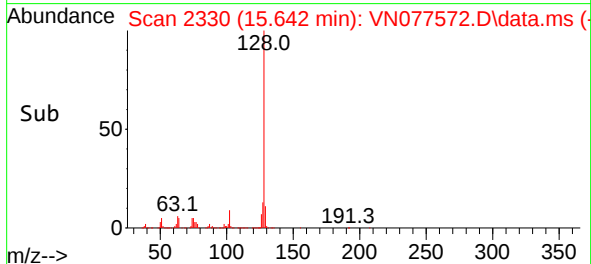
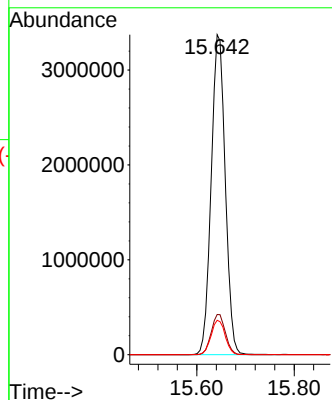
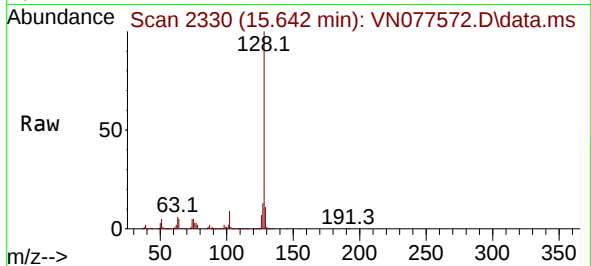




#95
Naphthalene
Concen: 153.933 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

Tgt Ion:128 Resp: 6723459
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.509 ug/l
RT: 15.830 min Scan# 2362
Delta R.T. 0.076 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion:180 Resp: 129
Ion Ratio Lower Upper
180 100
182 0.0 46.2 138.6#
145 364.3 17.5 52.6#

