

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077571.D
 Acq On : 03 May 2023 18:35
 Operator : JC\MD
 Sample : 02566-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1991

Quant Time: May 04 04:55:26 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	684197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1287568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	1217682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	480810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	438418	49.106	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.220%		
35) Dibromofluoromethane	8.172	113	397389	51.350	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.700%		
50) Toluene-d8	10.572	98	1591317	53.652	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.300%		
62) 4-Bromofluorobenzene	12.854	95	538787	55.522	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.396	85	120	0.323	ug/l #	43
3) Chloromethane	2.366	50	1373	0.200	ug/l #	88
11) Tert butyl alcohol	5.525	59	4941	3.447	ug/l #	94
13) Acrolein	4.184	56	1695	1.189	ug/l	87
16) Acetone	4.437	43	195363	68.781	ug/l	99
18) Methyl Acetate	5.043	43	14747	1.344	ug/l	99
20) Methylene Chloride	5.295	84	85087	9.446	ug/l	92
25) 2-Butanone	7.501	43	19598	4.865	ug/l #	83
29) Tetrahydrofuran	7.848	42	642	0.254	ug/l #	64
31) Cyclohexane	8.236	56	16374	1.295	ug/l #	35
36) 1,1-Dichloropropene	8.225	75	57518	5.145	ug/l #	48
37) Ethyl Acetate	7.572	43	95516	11.243	ug/l	96
38) Carbon Tetrachloride	8.231	117	76164	6.174	ug/l #	15
40) Benzene	8.613	78	838614	24.622	ug/l	97
42) 1,2-Dichloroethane	8.689	62	3834	0.328	ug/l	78
43) Isopropyl Acetate	8.695	43	498283	33.902	ug/l #	85
48) Methyl methacrylate	9.666	41	16177	2.418	ug/l #	32
49) 1,4-Dioxane	9.695	88	129	0.769	ug/l #	30
51) 4-Methyl-2-Pentanone	10.448	43	45221	5.246	ug/l #	84
52) Toluene	10.630	92	583417	26.147	ug/l	99
53) t-1,3-Dichloropropene	10.730	75	3990	0.315	ug/l #	87
54) cis-1,3-Dichloropropene	10.360	75	195348	14.154	ug/l #	58
55) 1,1,2-Trichloroethane	10.883	97	4082	0.455	ug/l #	21
57) 1,3-Dichloropropane	11.201	76	25123	1.758	ug/l #	44
59) 2-Hexanone	11.172	43	303743	48.471	ug/l #	19
67) Ethyl Benzene	11.966	91	95353	2.102	ug/l	99
68) m/p-Xylenes	12.072	106	203185	11.525	ug/l	98
69) o-Xylene	12.401	106	182526	10.526	ug/l	98
70) Styrene	12.413	104	41108	1.516	ug/l #	34
71) Bromoform	12.848	173	2360	0.385	ug/l #	1
74) N-amyl acetate	12.454	43	5048	0.382	ug/l #	36
76) 1,2,3-Trichloropropane	12.848	75	287903	25.750	ug/l #	1
78) n-propylbenzene	13.036	91	12442	0.252	ug/l	91
80) 1,3,5-Trimethylbenzene	13.177	105	44854	1.354	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.848	75	287903	72.748	ug/l #	15
82) 4-Chlorotoluene	13.183	91	5790	0.204	ug/l #	41

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 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)

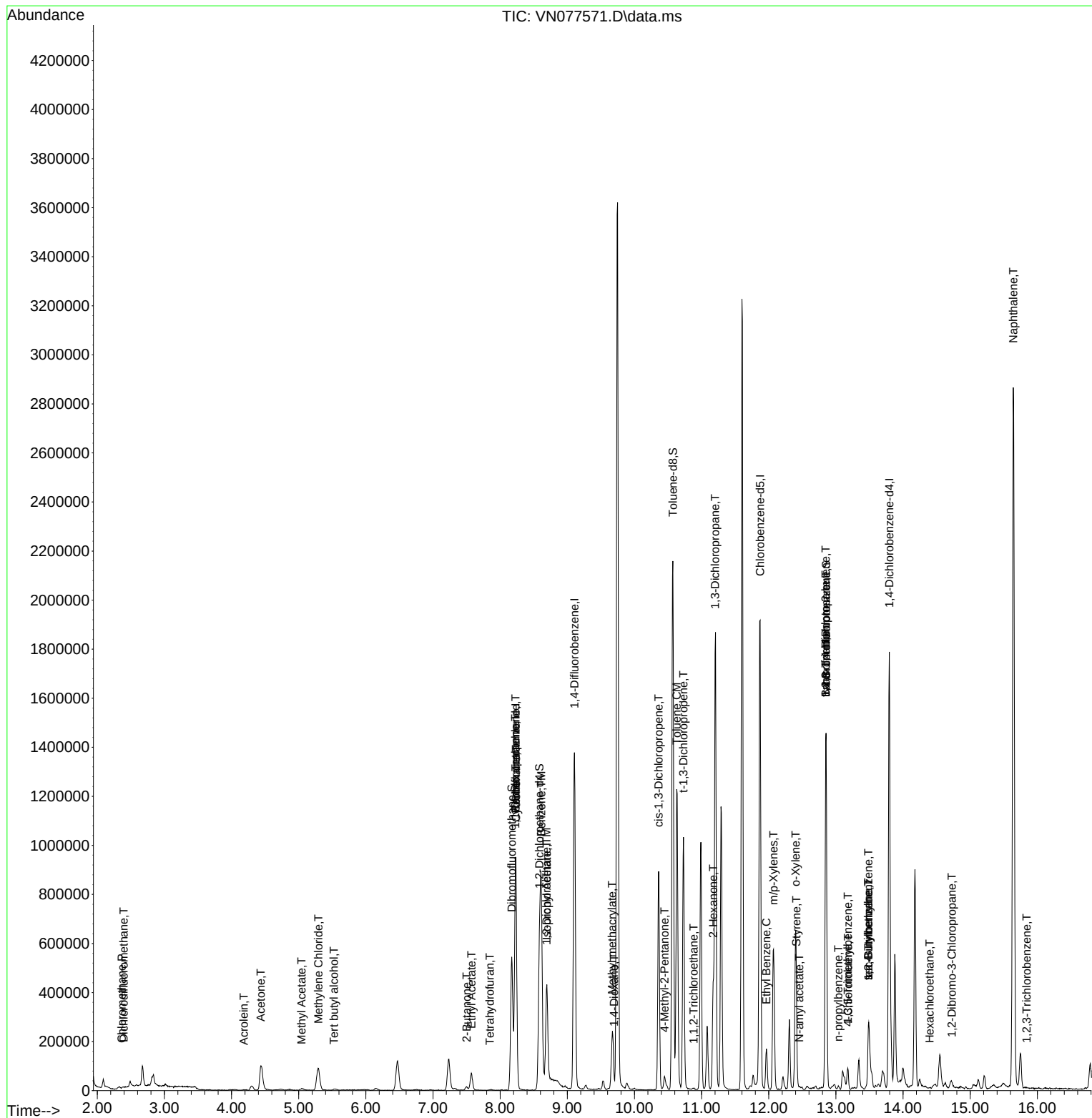
83) tert-Butylbenzene	13.483	119	18568	0.577	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.483	105	188586	6.094	ug/l	84
85) sec-Butylbenzene	13.483	105	188586	4.270	ug/l #	57
90) Hexachloroethane	14.395	117	2721	0.362	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.724	75	756	0.292	ug/l #	4
95) Naphthalene	15.642	128	2838753	96.782	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	87	0.500	ug/l #	66

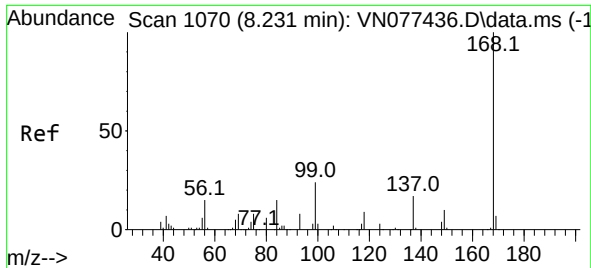
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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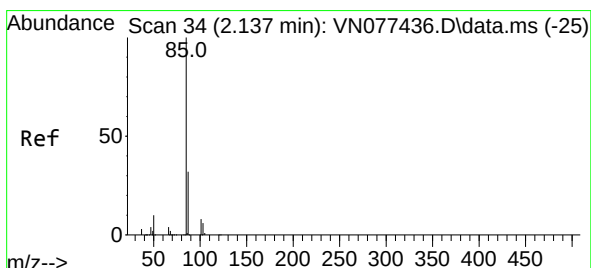
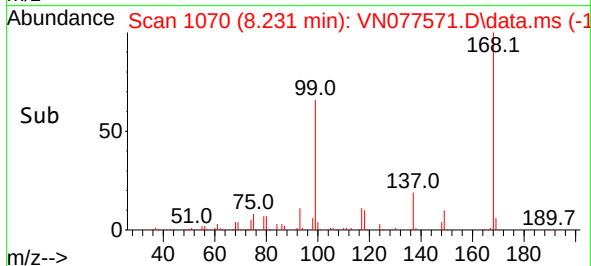
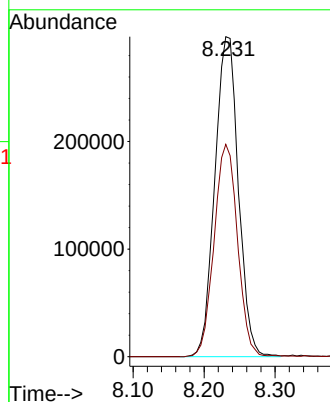
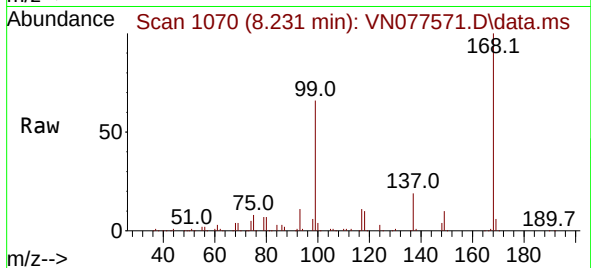




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077571.D
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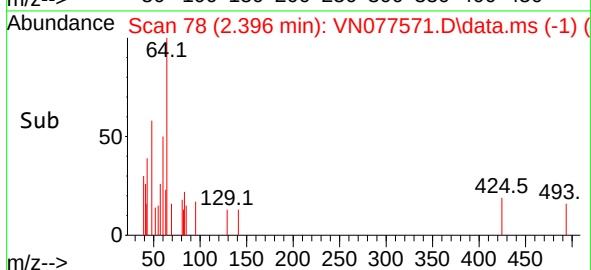
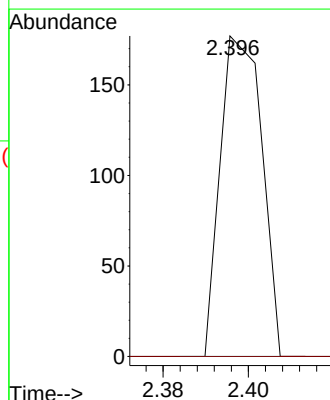
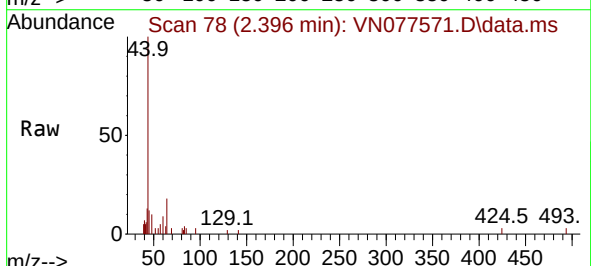
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

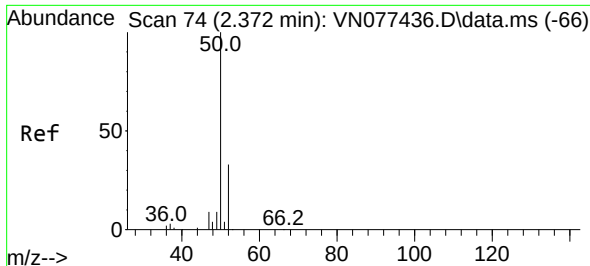
Tgt Ion:168 Resp: 684197
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.323 ug/l
RT: 2.396 min Scan# 78
Delta R.T. 0.259 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 85 Resp: 120
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

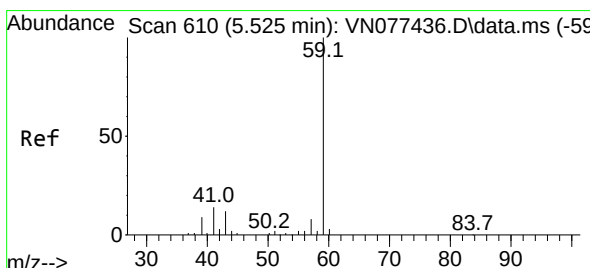
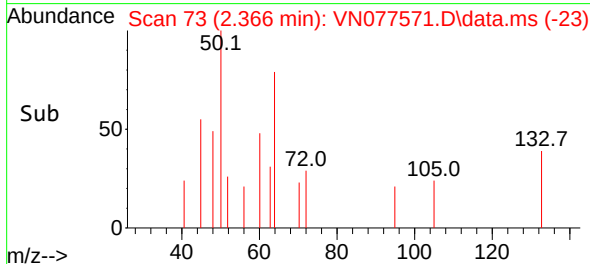
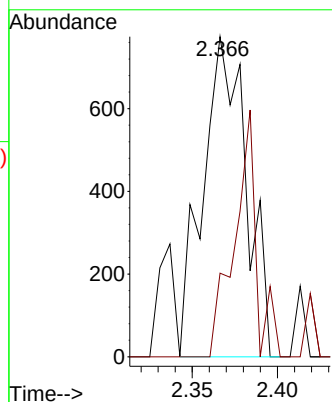
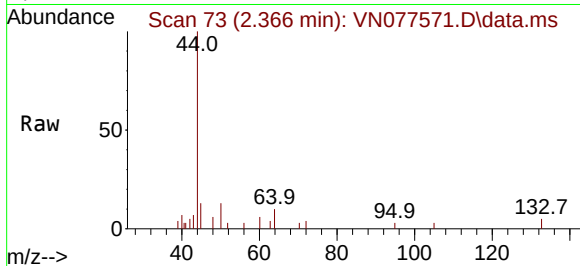




#3
Chloromethane
Concen: 0.200 ug/l
RT: 2.366 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

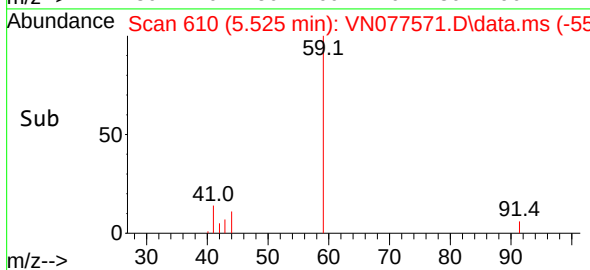
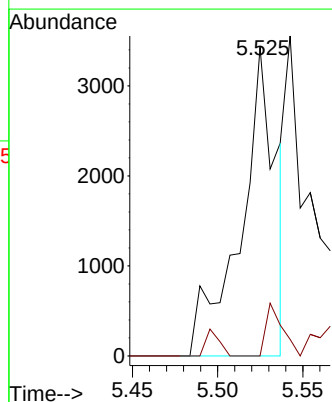
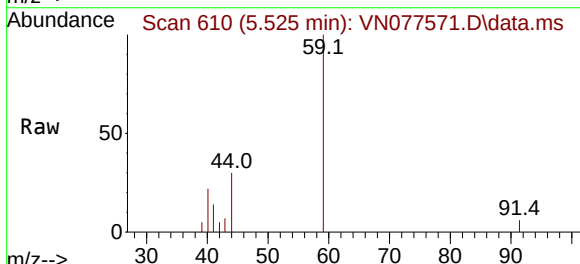
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

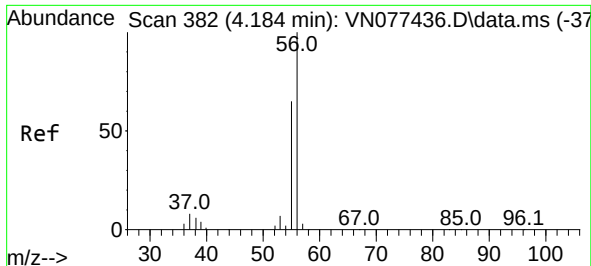
Tgt Ion: 50 Resp: 1373
Ion Ratio Lower Upper
50 100
52 26.1 26.5 39.7#



#11
Tert butyl alcohol
Concen: 3.447 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 59 Resp: 4941
Ion Ratio Lower Upper
59 100
57 8.0 8.2 12.4#

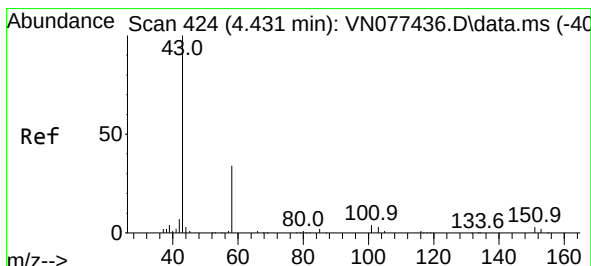
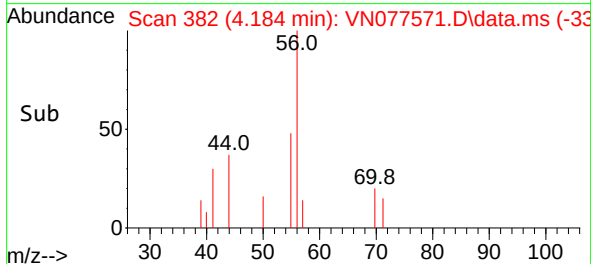
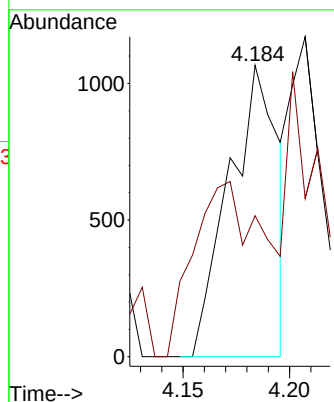
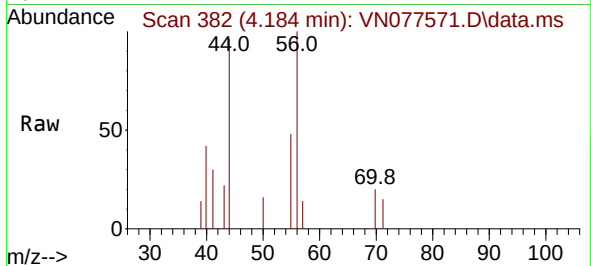




#13
Acrolein
Concen: 1.189 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

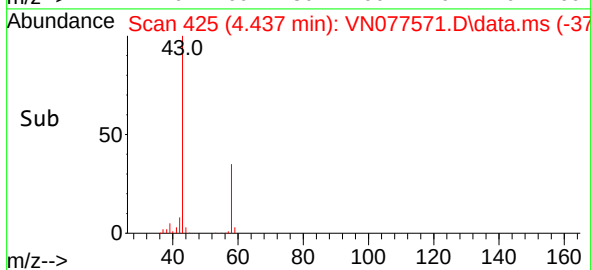
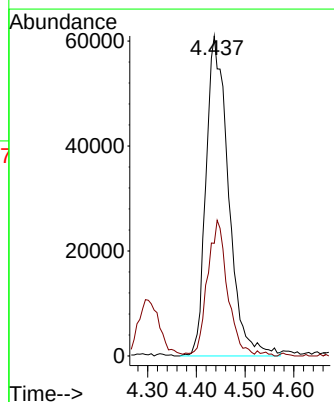
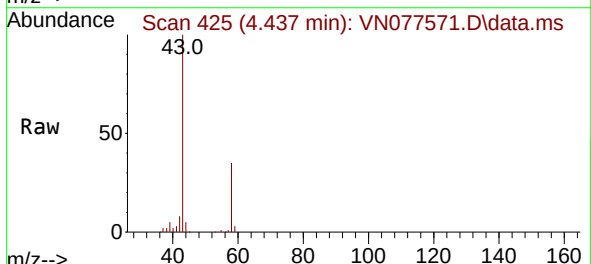
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

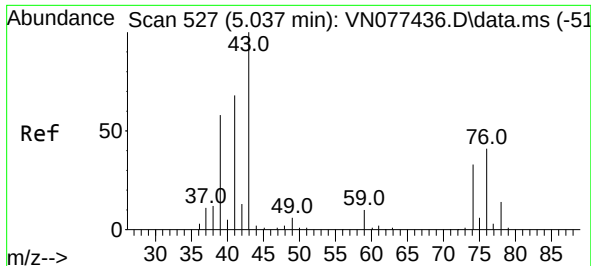
Tgt Ion: 56 Resp: 1695
Ion Ratio Lower Upper
56 100
55 78.8 54.5 81.7



#16
Acetone
Concen: 68.781 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 43 Resp: 195363
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0

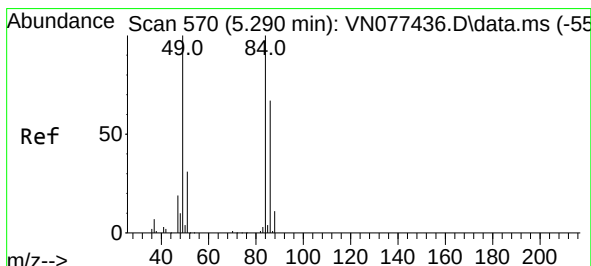
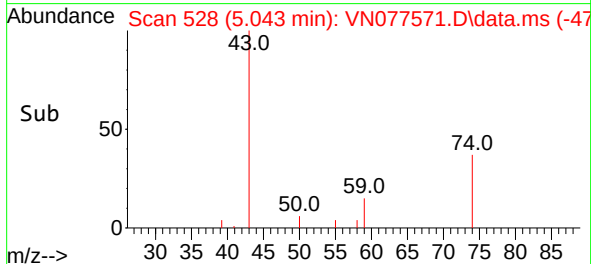
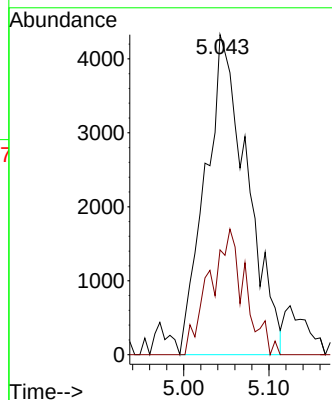
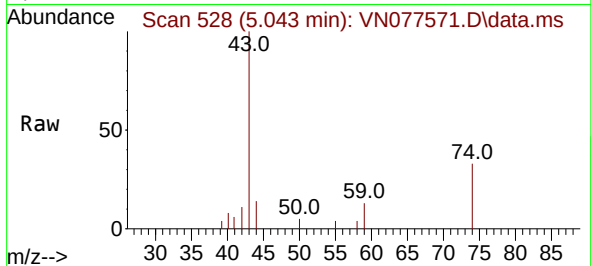




#18
Methyl Acetate
Concen: 1.344 ug/l
RT: 5.043 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

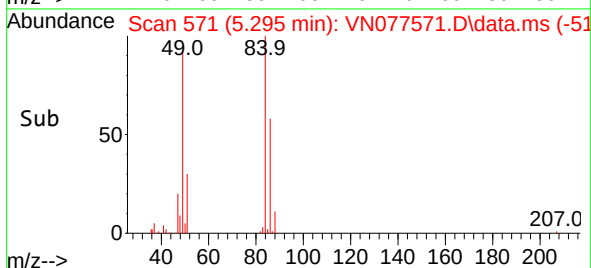
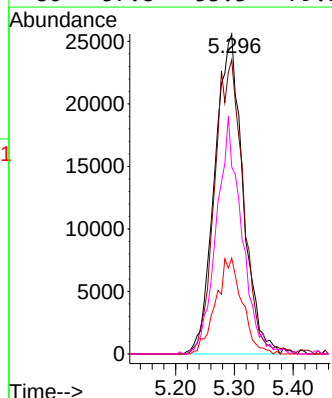
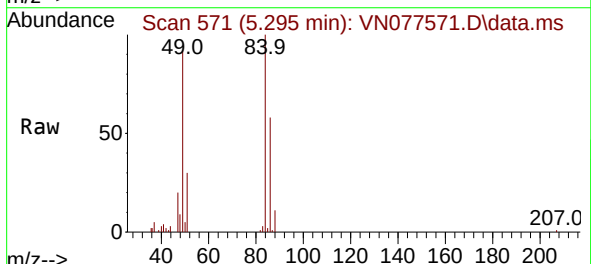
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

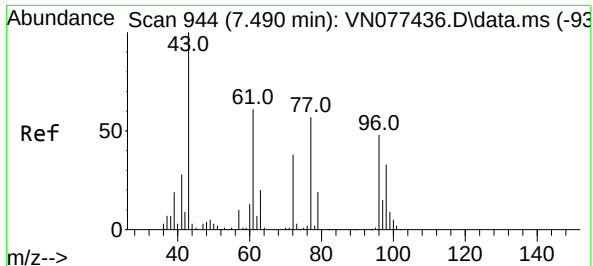
Tgt Ion: 43 Resp: 14747
Ion Ratio Lower Upper
43 100
74 33.4 26.2 39.4



#20
Methylene Chloride
Concen: 9.446 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 84 Resp: 85087
Ion Ratio Lower Upper
84 100
49 91.9 79.7 119.5
51 30.0 25.2 37.8
86 57.8 53.3 79.9





#25

2-Butanone

Concen: 4.865 ug/l

RT: 7.501 min Scan# 944

Delta R.T. 0.012 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

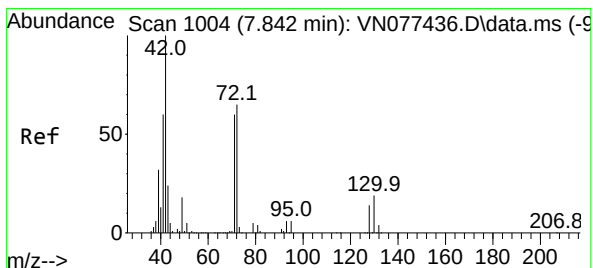
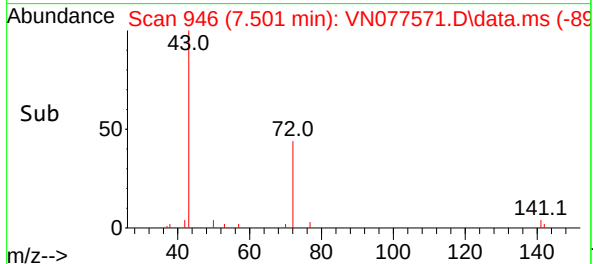
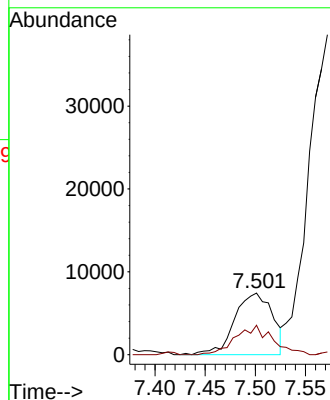
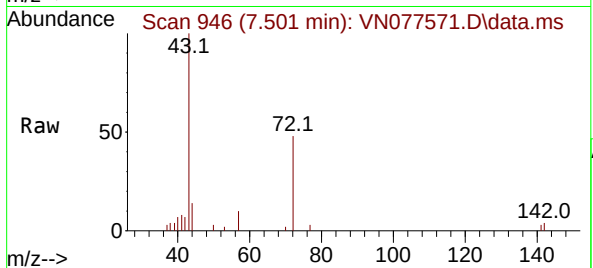
AUD-1991

Tgt Ion: 43 Resp: 19598

Ion Ratio Lower Upper

43 100

72 47.7 30.2 45.2#



#29

Tetrahydrofuran

Concen: 0.254 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

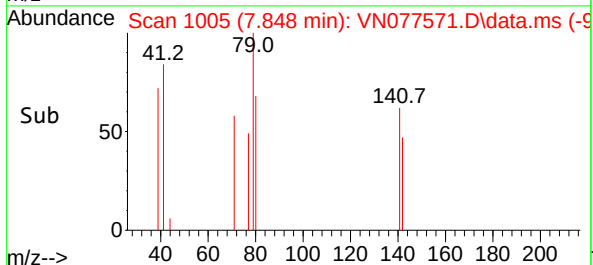
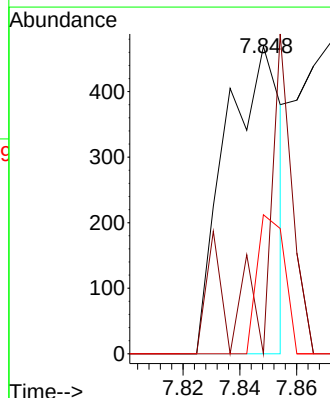
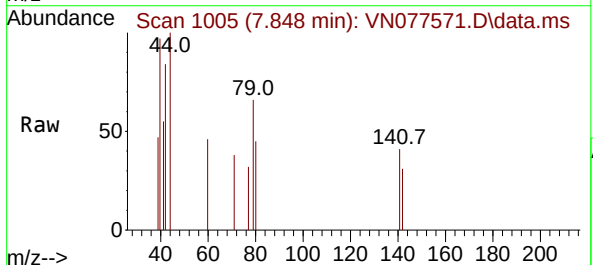
Tgt Ion: 42 Resp: 642

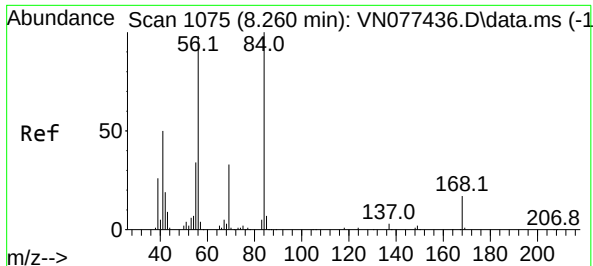
Ion Ratio Lower Upper

42 100

72 43.6 49.8 74.6#

71 22.1 47.4 71.2#

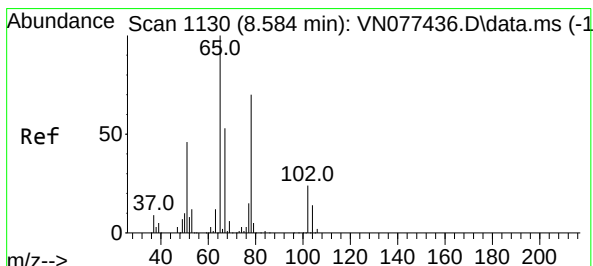
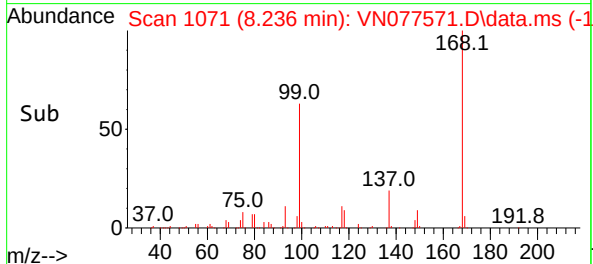
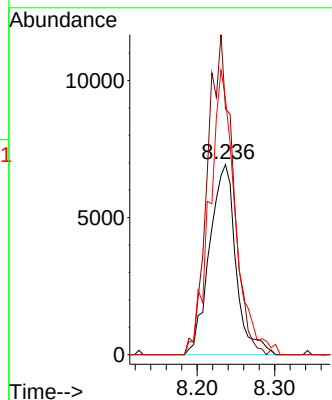
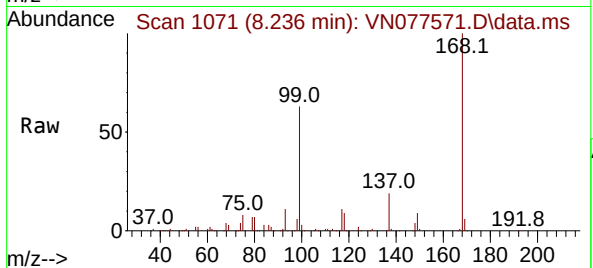




#31
Cyclohexane
Concen: 1.295 ug/l
RT: 8.236 min Scan# 1075
Delta R.T. -0.024 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

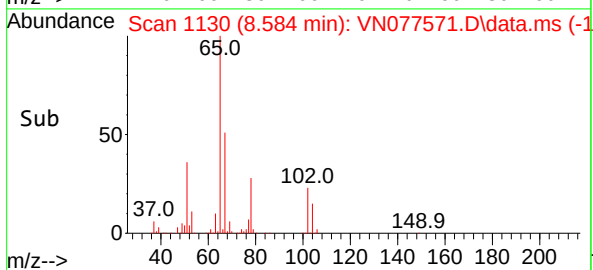
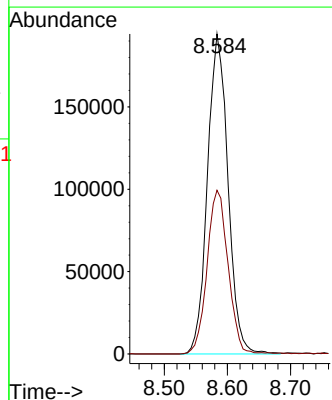
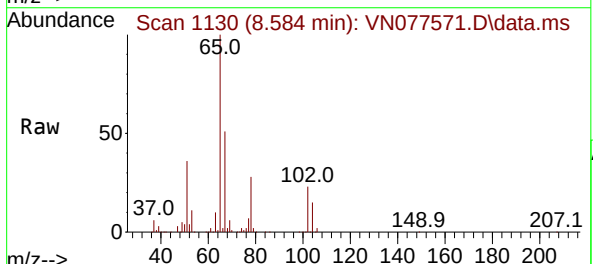
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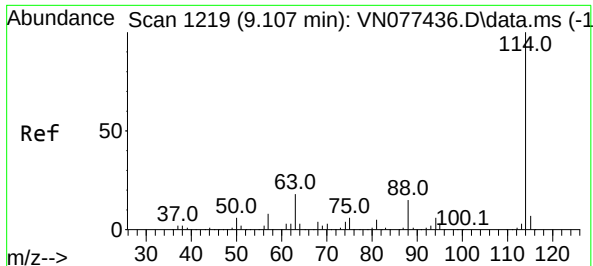
Tgt Ion: 56 Resp: 16374
Ion Ratio Lower Upper
56 100
69 129.2 26.8 40.2#
84 134.4 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 49.106 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 65 Resp: 438418
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

AUD-1991

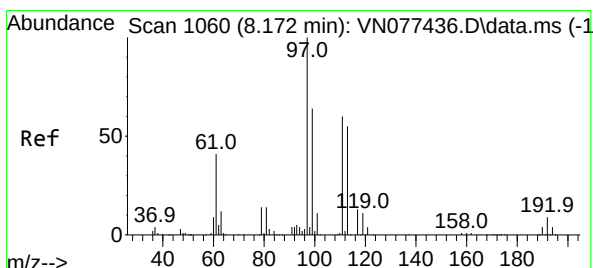
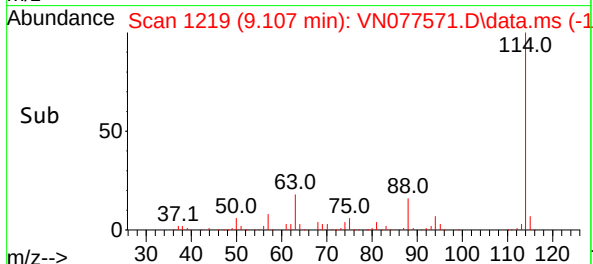
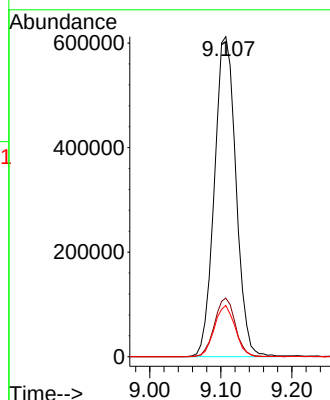
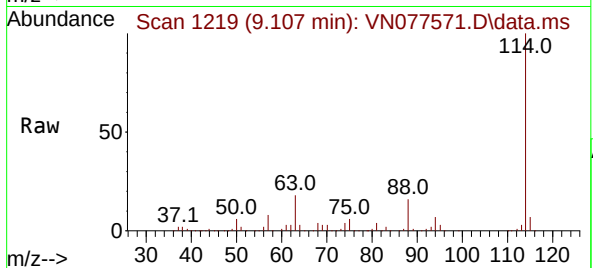
Tgt Ion:114 Resp: 1287568

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.350 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

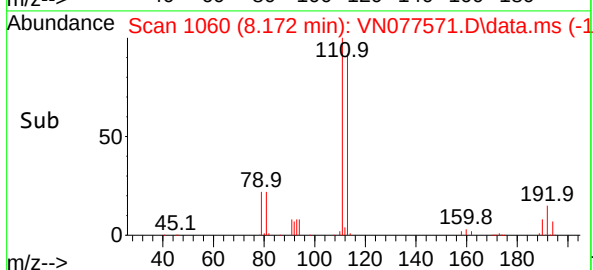
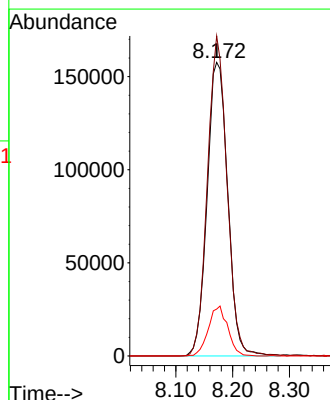
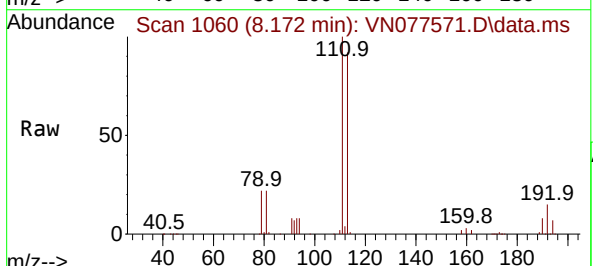
Tgt Ion:113 Resp: 397389

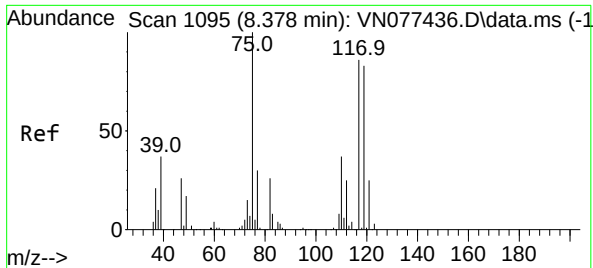
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 16.0 12.7 19.1





#36

1,1-Dichloropropene

Concen: 5.145 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.153 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

AUD-1991

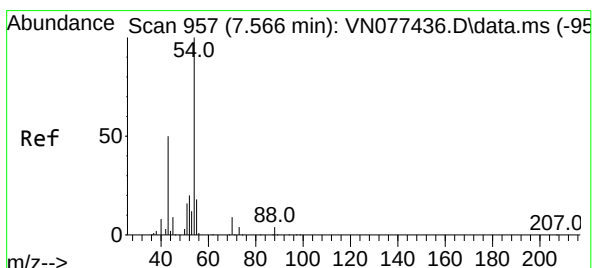
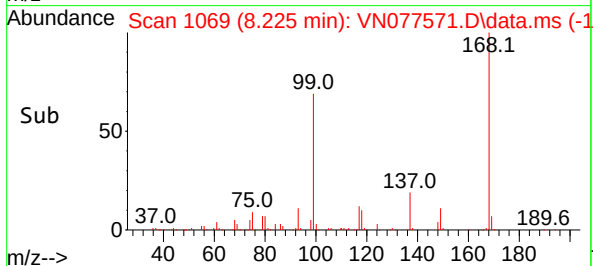
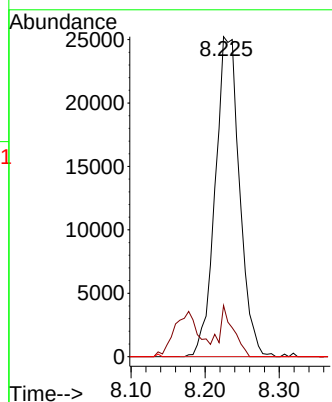
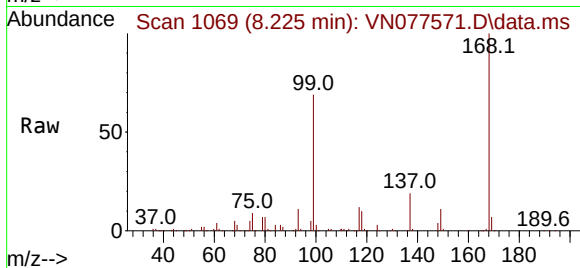
Tgt Ion: 75 Resp: 57518

Ion Ratio Lower Upper

75 100

110 9.3 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 11.243 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

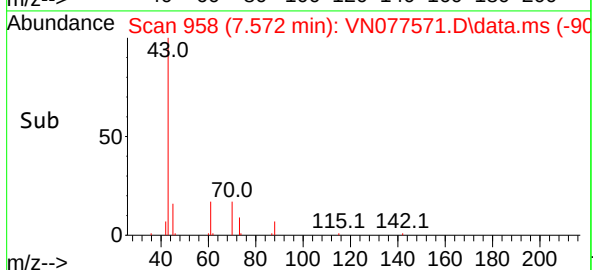
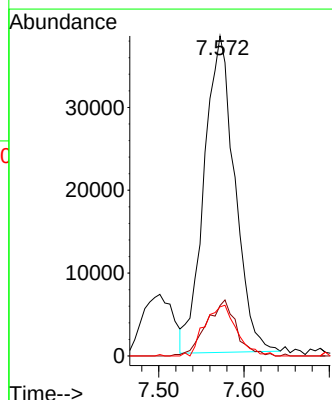
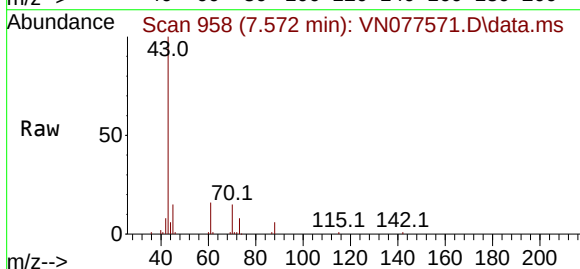
Tgt Ion: 43 Resp: 95516

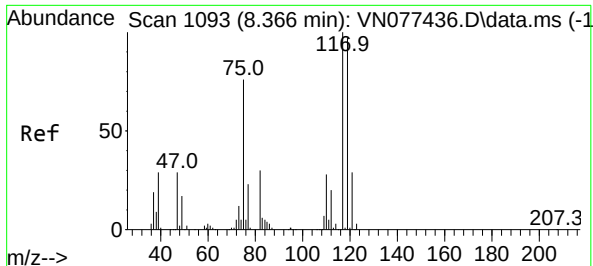
Ion Ratio Lower Upper

43 100

61 17.3 13.2 19.8

70 16.7 11.3 16.9

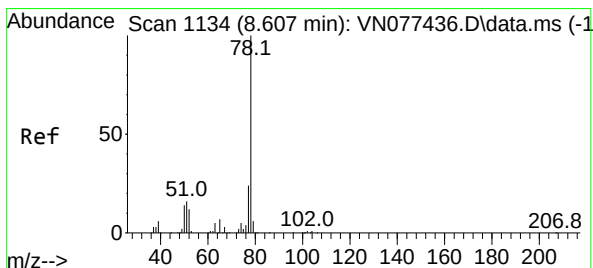
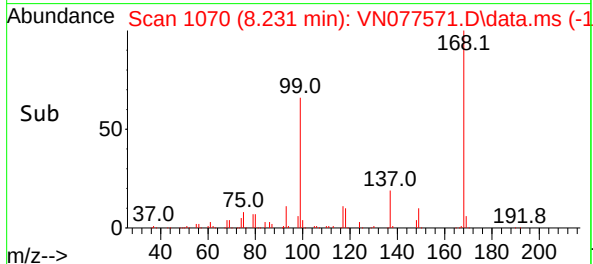
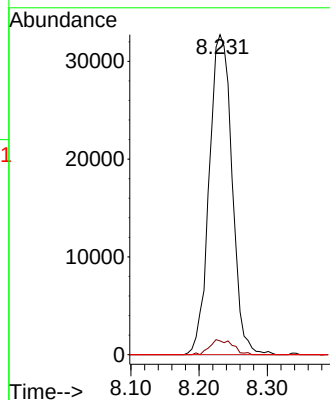
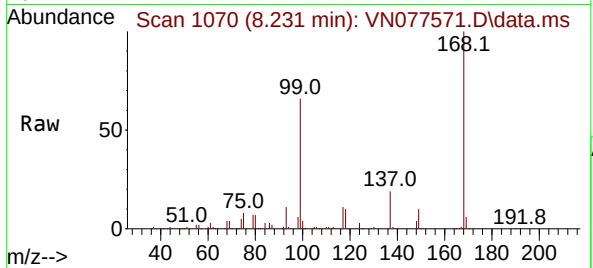




#38
Carbon Tetrachloride
Concen: 6.174 ug/l
RT: 8.231 min Scan# 1093
Delta R.T. -0.135 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

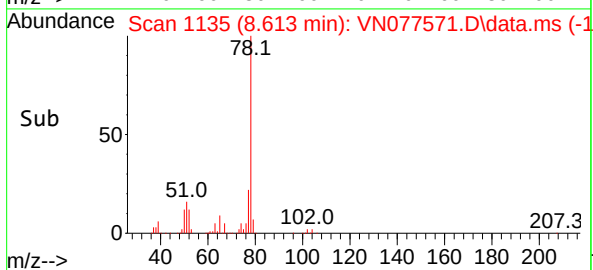
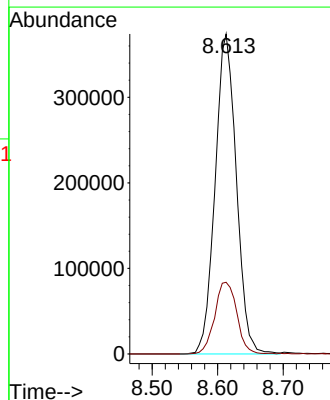
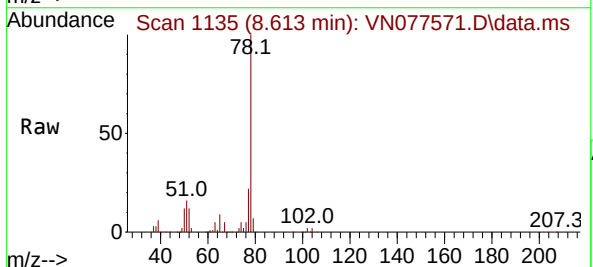
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

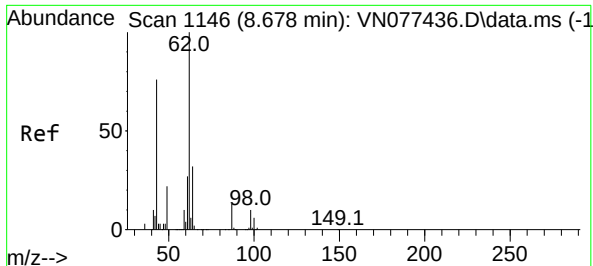
Tgt Ion:117 Resp: 76164
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 23.3 34.9#



#40
Benzene
Concen: 24.622 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 78 Resp: 838614
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.328 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

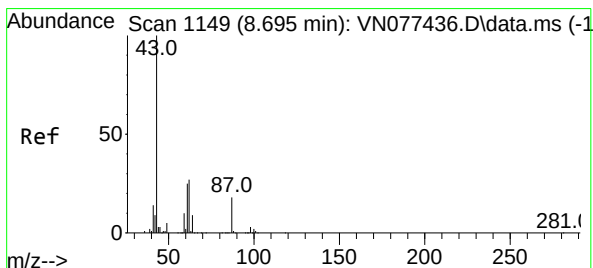
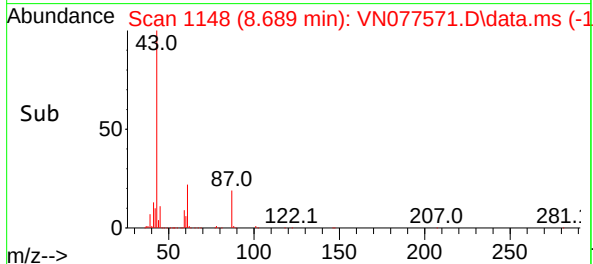
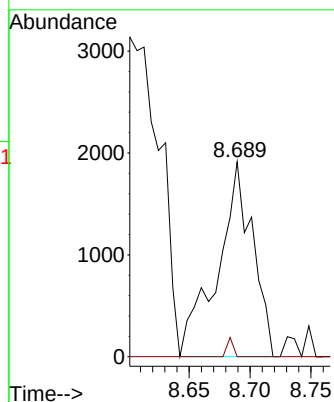
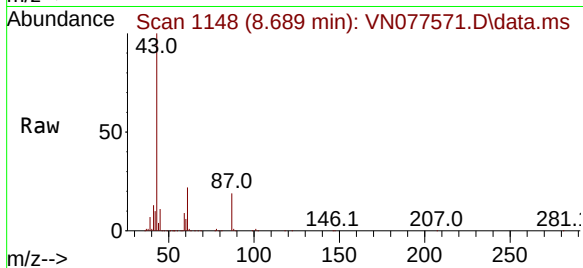
AUD-1991

Tgt Ion: 62 Resp: 3834

Ion Ratio Lower Upper

62 100

98 1.7 0.0 19.8



#43

Isopropyl Acetate

Concen: 33.902 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

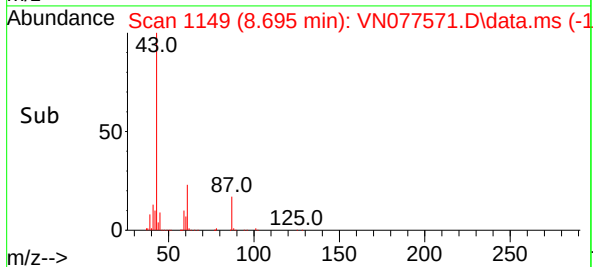
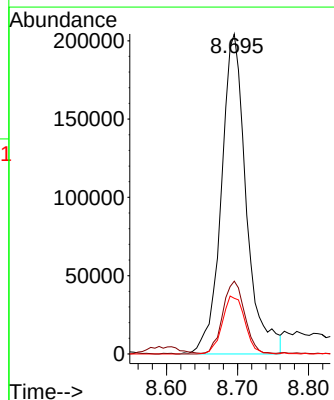
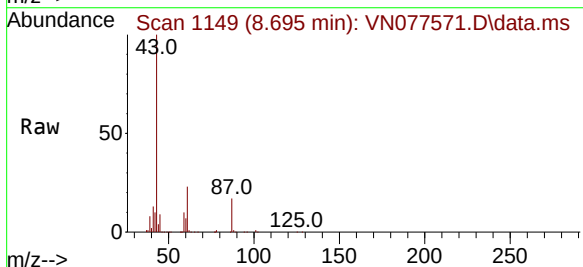
Tgt Ion: 43 Resp: 498283

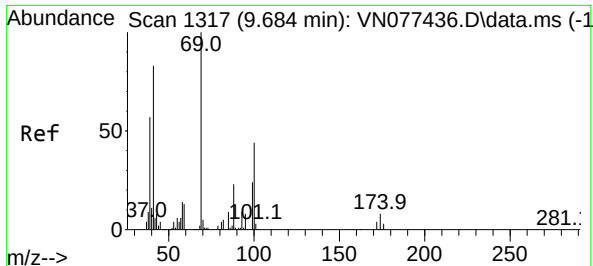
Ion Ratio Lower Upper

43 100

61 19.6 24.7 37.1#

87 16.3 14.6 21.8

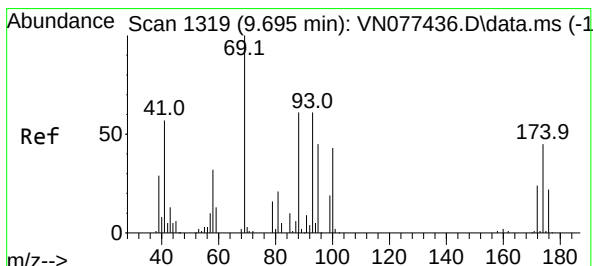
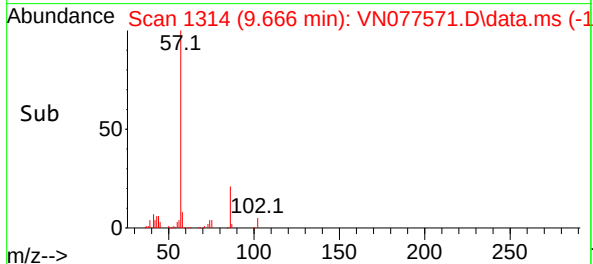
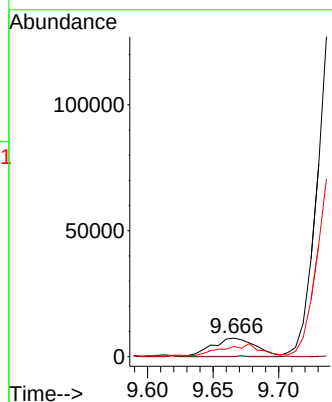
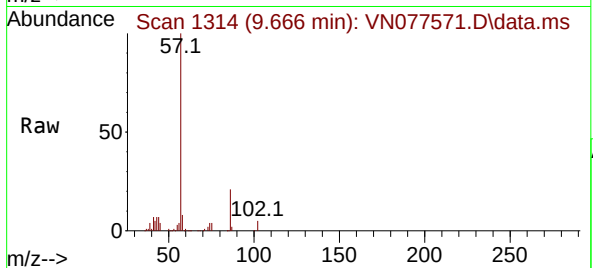




#48
Methyl methacrylate
Concen: 2.418 ug/l
RT: 9.666 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

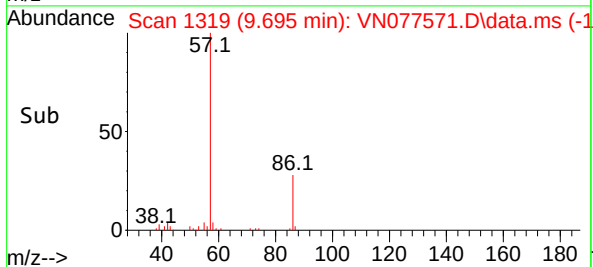
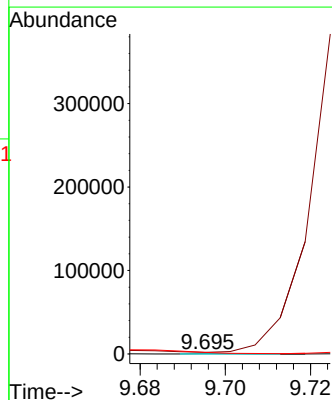
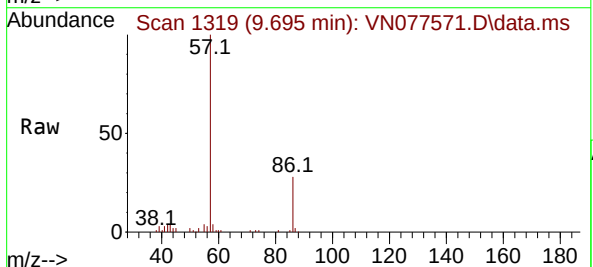
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

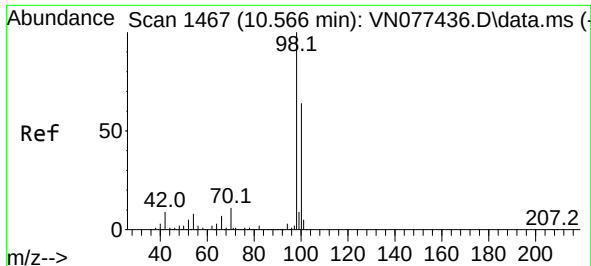
Tgt Ion: 41 Resp: 16177
Ion Ratio Lower Upper
41 100
69 0.8 90.4 135.6#
39 73.2 54.6 81.8



#49
1,4-Dioxane
Concen: 0.769 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 88 Resp: 129
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#

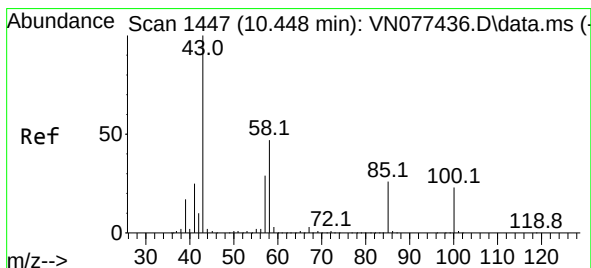
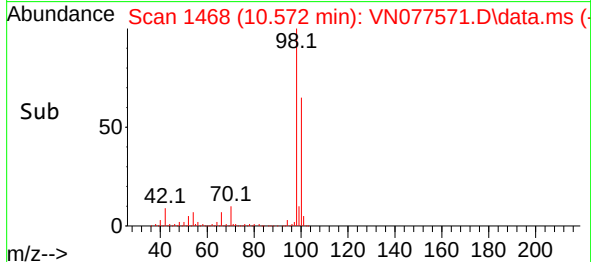
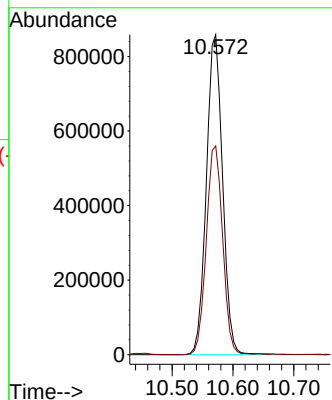
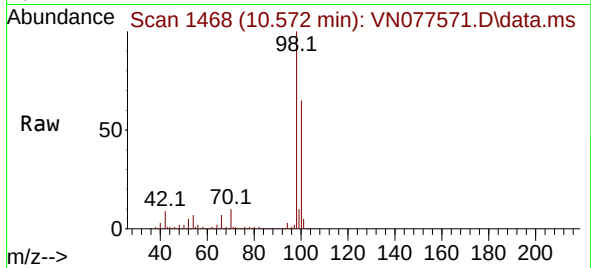




#50
Toluene-d8
Concen: 53.652 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

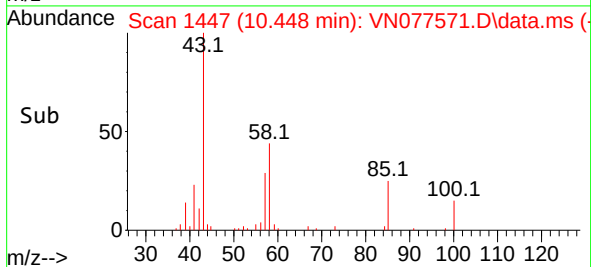
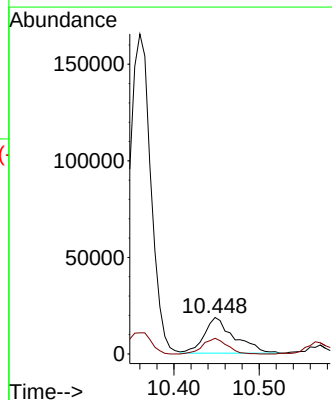
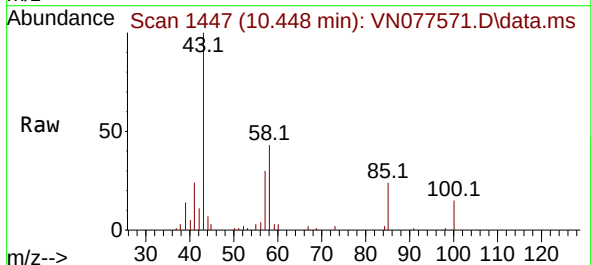
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

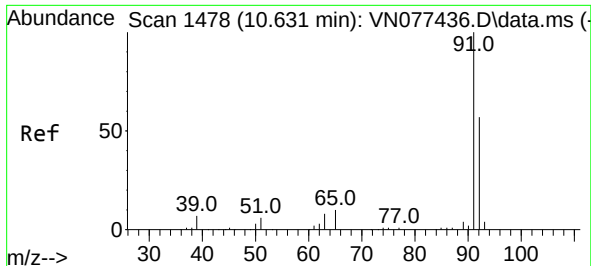
Tgt Ion: 98 Resp: 1591317
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 5.246 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 43 Resp: 45221
Ion Ratio Lower Upper
43 100
58 35.1 36.6 54.8#

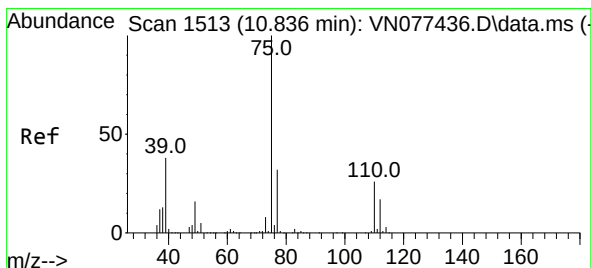
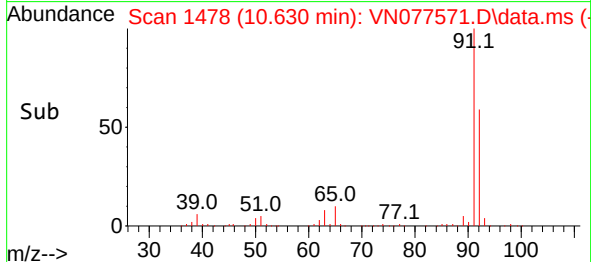
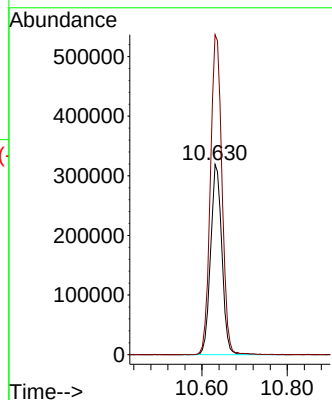
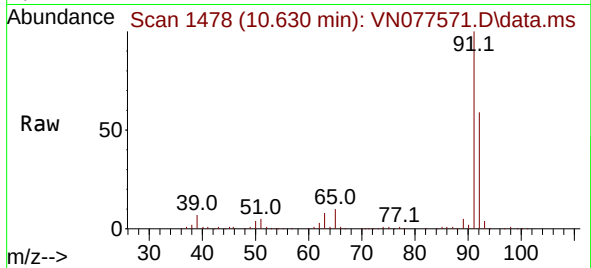




#52
Toluene
Concen: 26.147 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

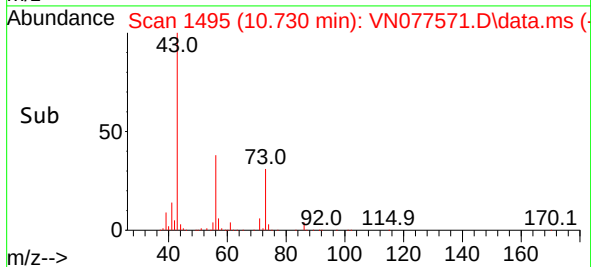
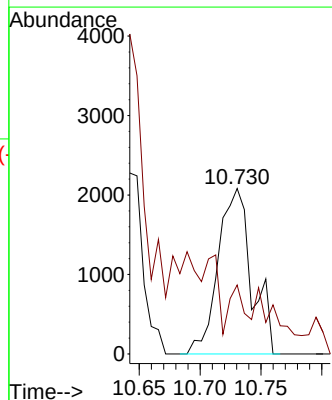
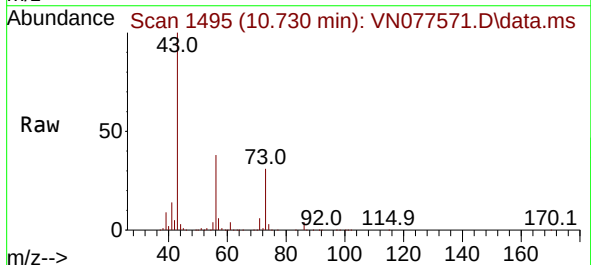
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

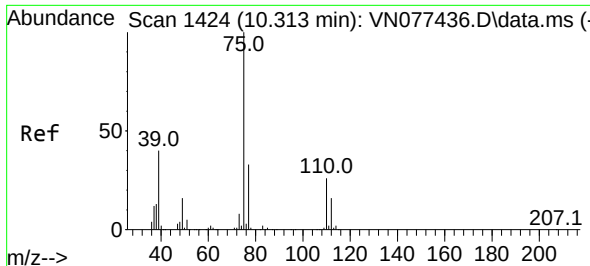
Tgt Ion: 92 Resp: 583417
Ion Ratio Lower Upper
92 100
91 173.2 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 0.315 ug/l
RT: 10.730 min Scan# 1495
Delta R.T. -0.106 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 75 Resp: 3990
Ion Ratio Lower Upper
75 100
77 24.7 25.4 38.0#

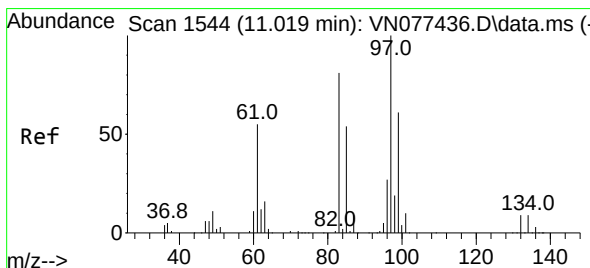
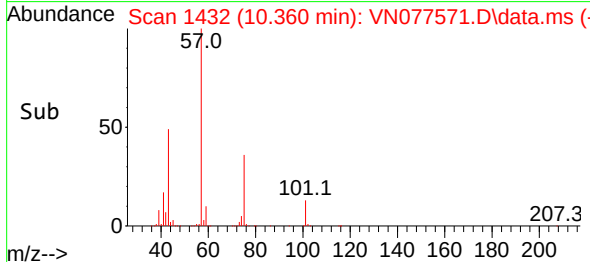
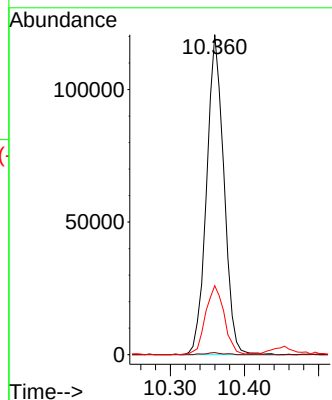
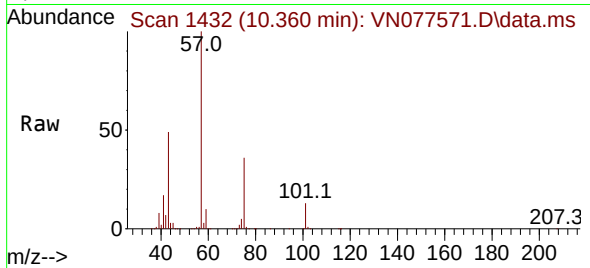




#54
cis-1,3-Dichloropropene
Concen: 14.154 ug/l
RT: 10.360 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

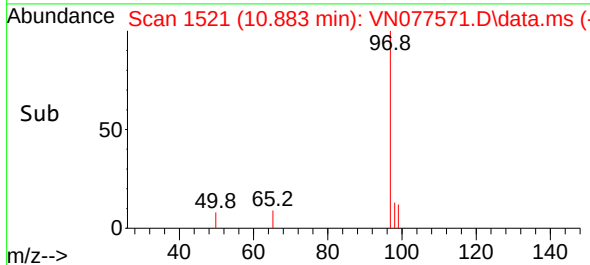
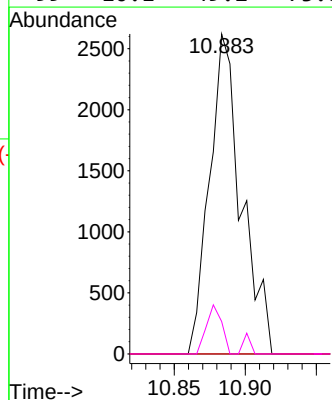
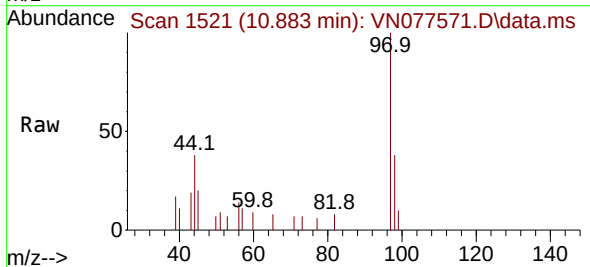
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

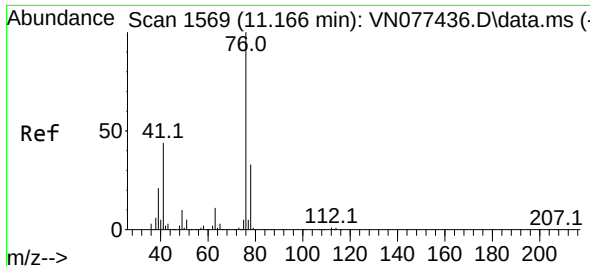
Tgt Ion: 75 Resp: 195348
Ion Ratio Lower Upper
75 100
77 0.7 26.1 39.1#
39 21.5 31.6 47.4#



#55
1,1,2-Trichloroethane
Concen: 0.455 ug/l
RT: 10.883 min Scan# 1521
Delta R.T. -0.135 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 97 Resp: 4082
Ion Ratio Lower Upper
97 100
83 0.0 65.1 97.7#
85 0.0 43.4 65.2#
99 10.1 49.2 73.8#





#57

1,3-Dichloropropane

Concen: 1.758 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.035 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

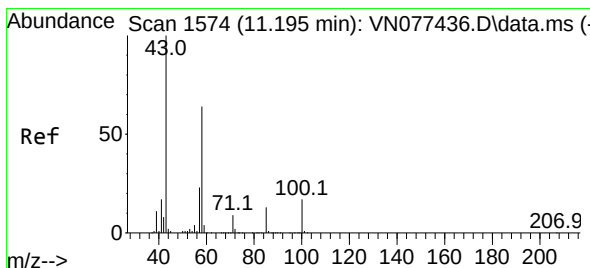
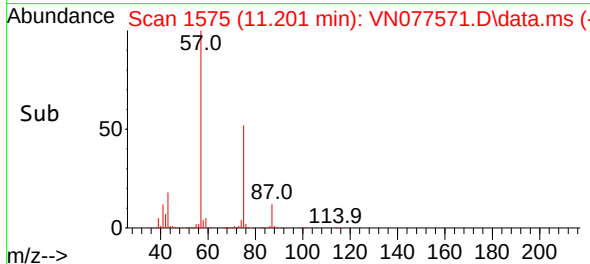
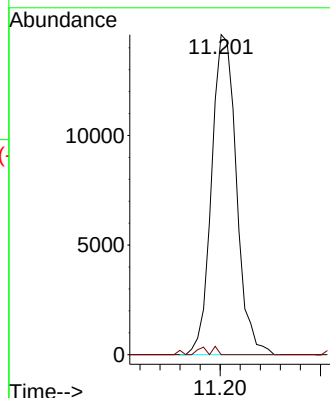
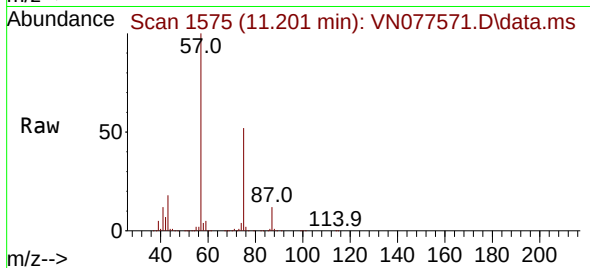
AUD-1991

Tgt Ion: 76 Resp: 25123

Ion Ratio Lower Upper

76 100

78 1.3 26.1 39.1#



#59

2-Hexanone

Concen: 48.471 ug/l

RT: 11.172 min Scan# 1570

Delta R.T. -0.024 min

Lab File: VN077571.D

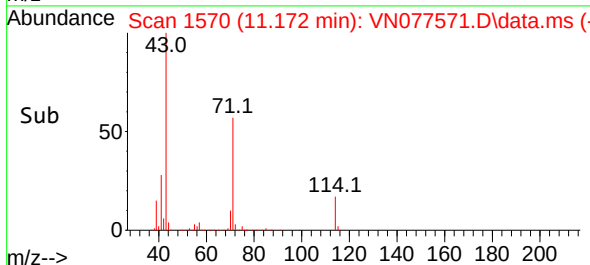
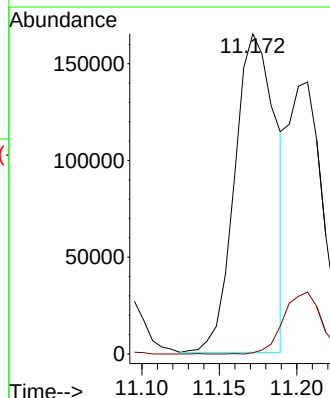
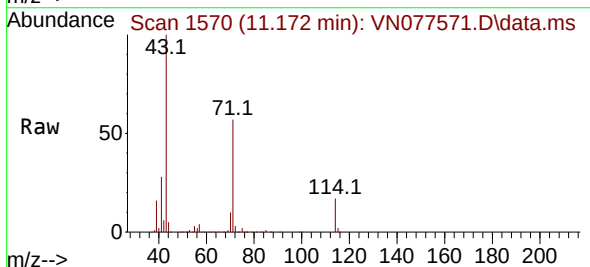
Acq: 03 May 2023 18:35

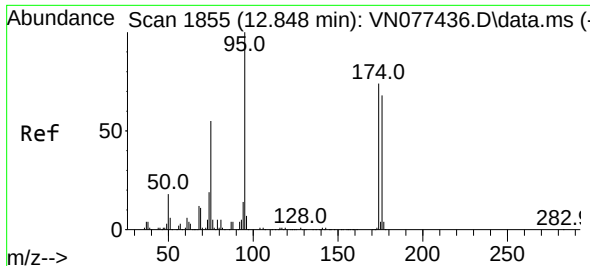
Tgt Ion: 43 Resp: 303743

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

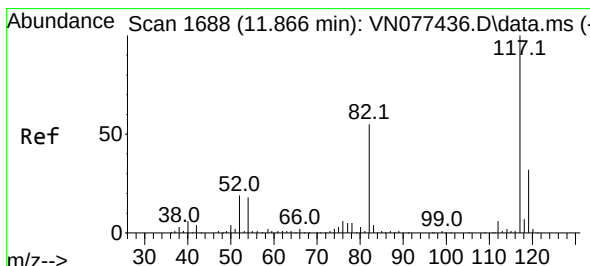
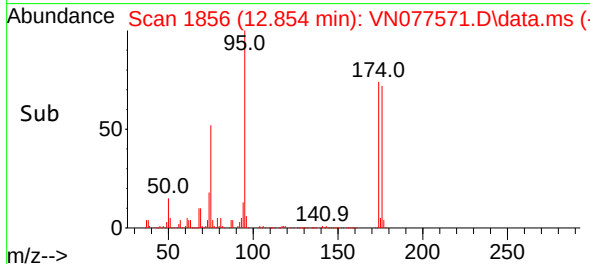
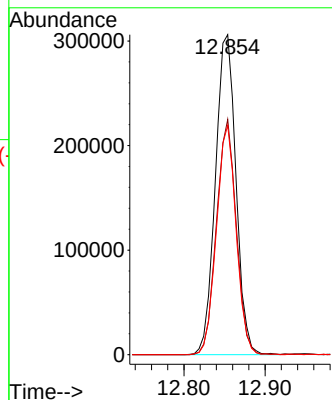
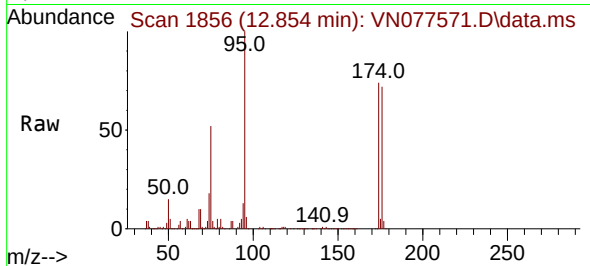




#62
4-Bromofluorobenzene
Concen: 55.522 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

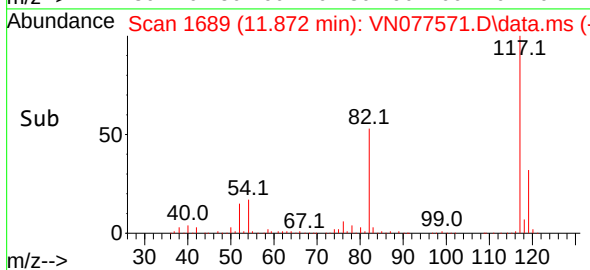
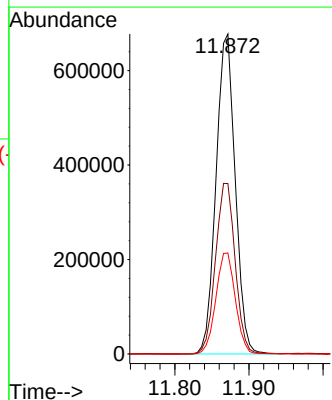
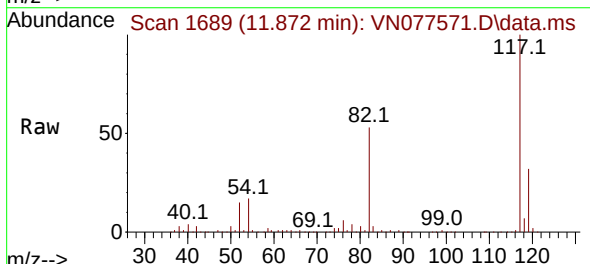
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

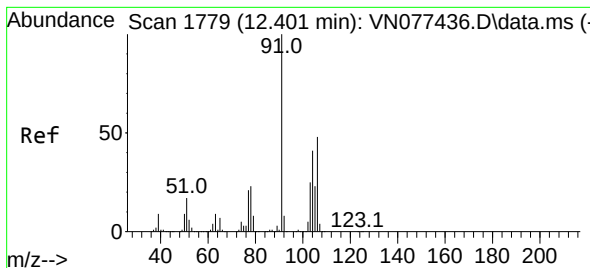
Tgt Ion: 95 Resp: 538787
Ion Ratio Lower Upper
95 100
174 70.8 0.0 143.8
176 68.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 117 Resp: 1217682
Ion Ratio Lower Upper
117 100
82 53.2 44.0 66.0
119 31.6 25.6 38.4





#69

o-Xylene

Concen: 10.526 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

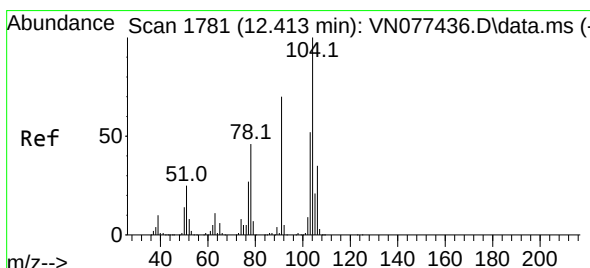
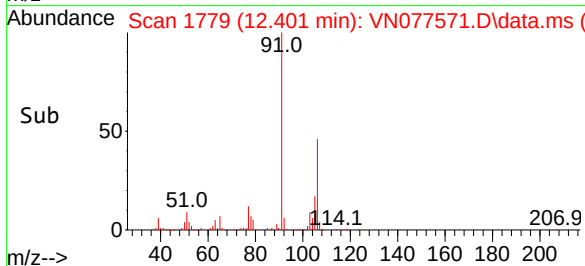
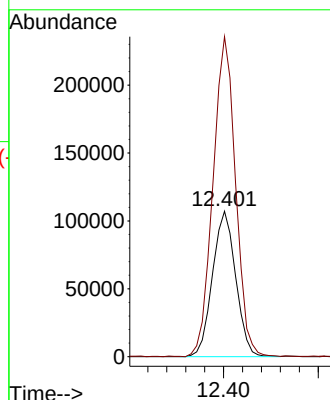
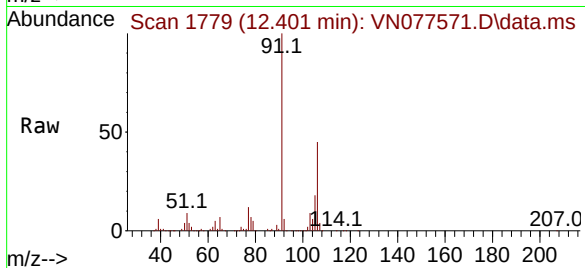
AUD-1991

Tgt Ion:106 Resp: 182526

Ion Ratio Lower Upper

106 100

91 213.6 105.2 315.5



#70

Styrene

Concen: 1.516 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

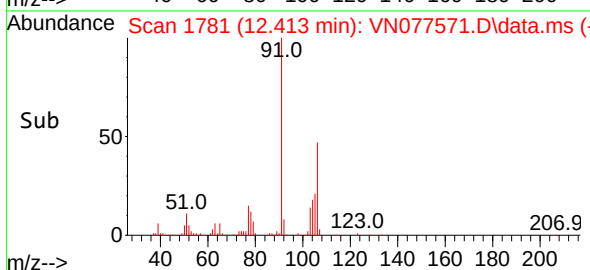
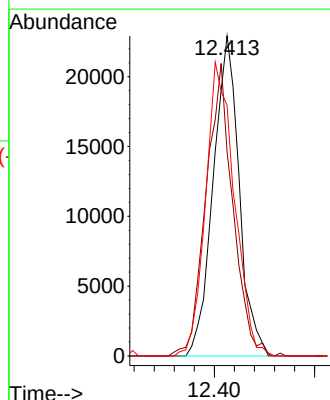
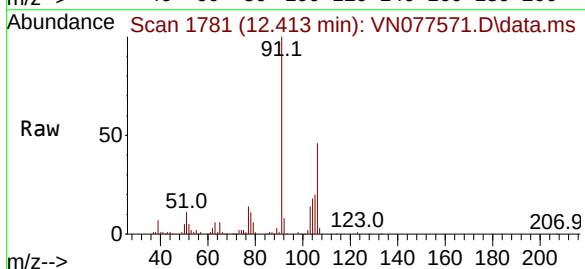
Tgt Ion:104 Resp: 41108

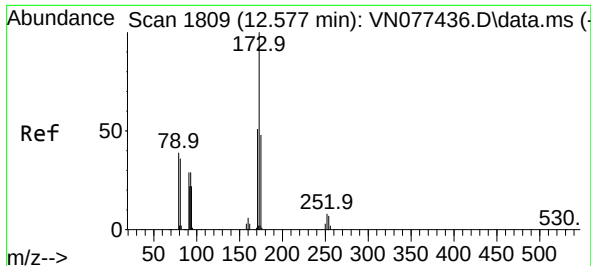
Ion Ratio Lower Upper

104 100

78 94.3 39.5 59.3#

103 101.7 43.2 64.8#

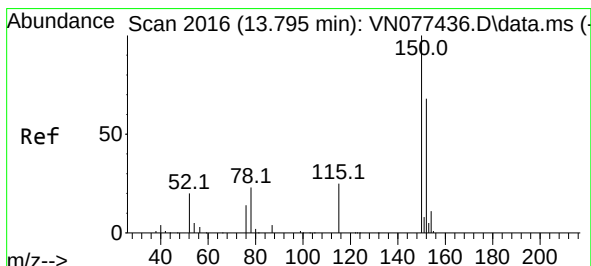
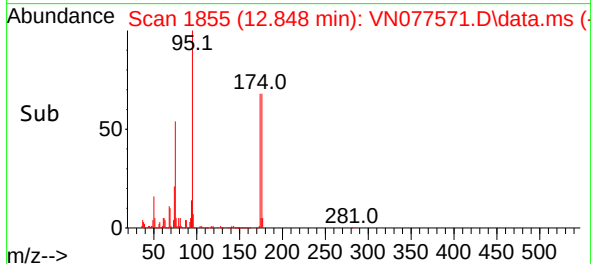
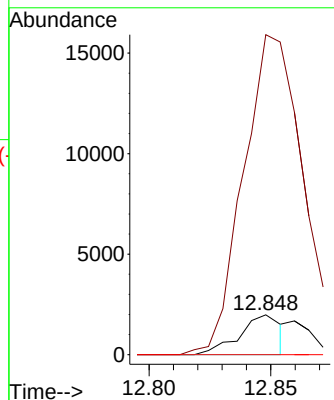
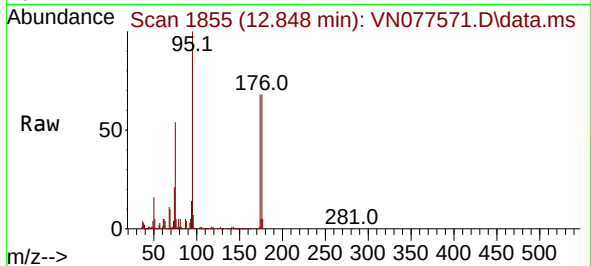




#71
Bromoform
Concen: 0.385 ug/l
RT: 12.848 min Scan# 1809
Delta R.T. 0.271 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

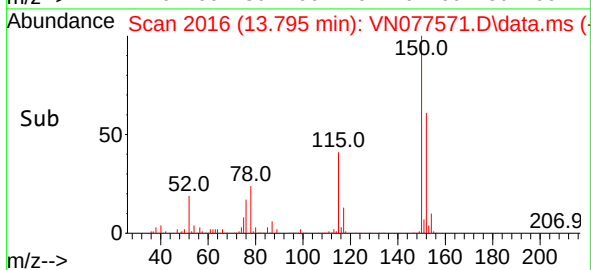
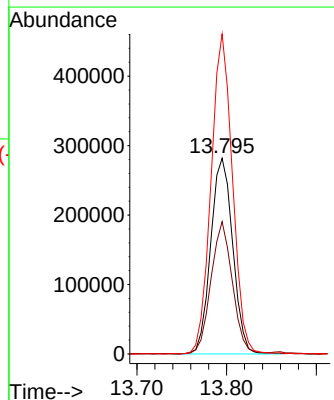
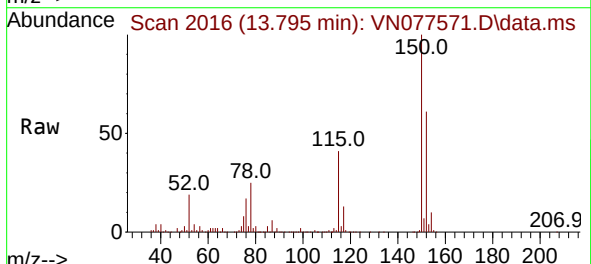
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

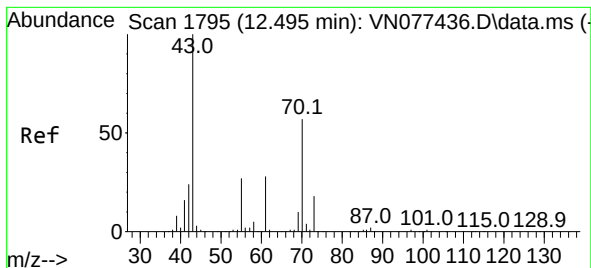
Tgt Ion:173 Resp: 2360
Ion Ratio Lower Upper
173 100
175 793.7 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion:152 Resp: 480810
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 158.9 0.0 355.8





#74

N-amy1 acetate

Concen: 0.382 ug/l

RT: 12.454 min Scan# 1

Delta R.T. -0.041 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

AUD-1991

Tgt Ion: 43 Resp: 5048

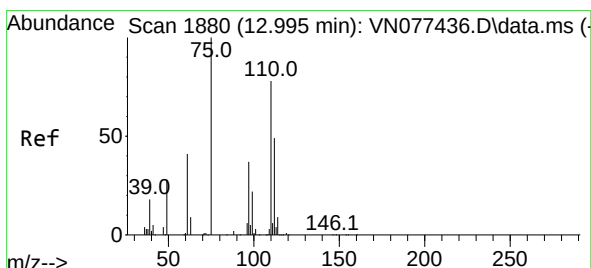
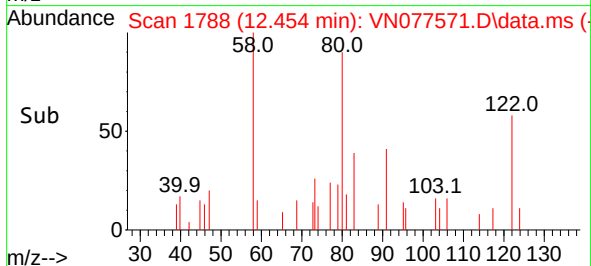
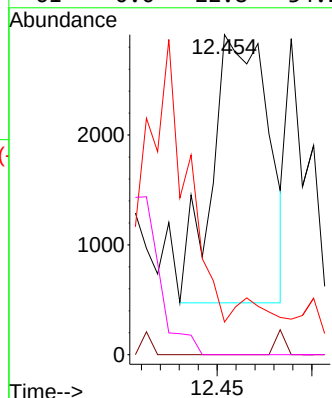
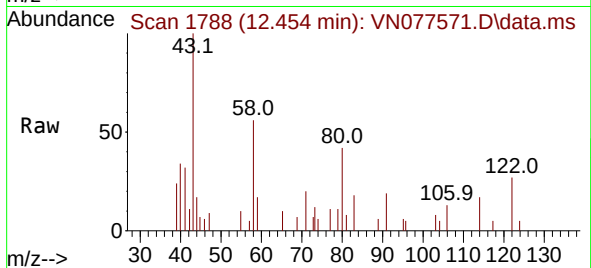
Ion Ratio Lower Upper

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: 25.750 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.147 min

Lab File: VN077571.D

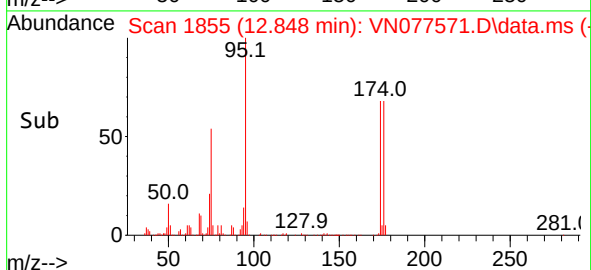
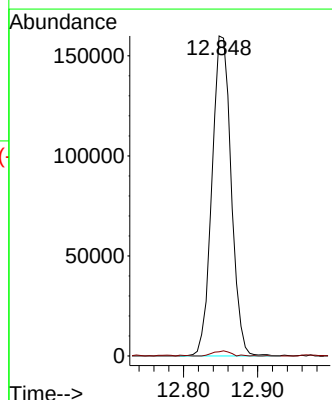
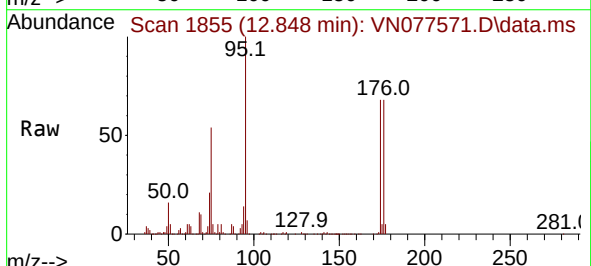
Acq: 03 May 2023 18:35

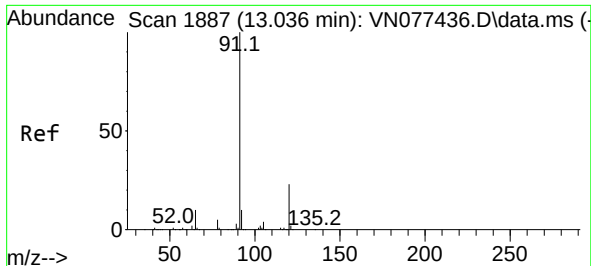
Tgt Ion: 75 Resp: 287903

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#

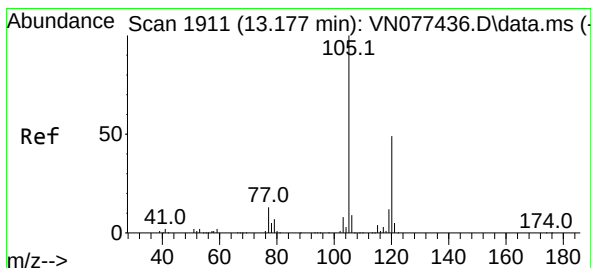
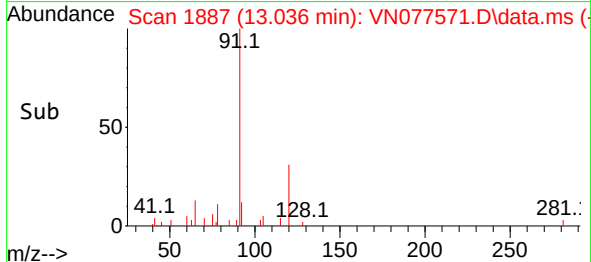
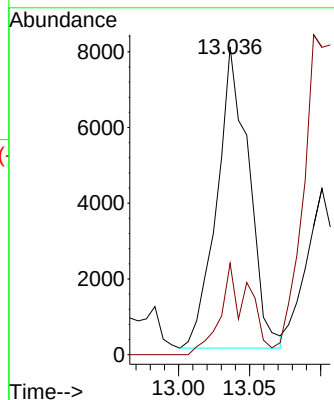
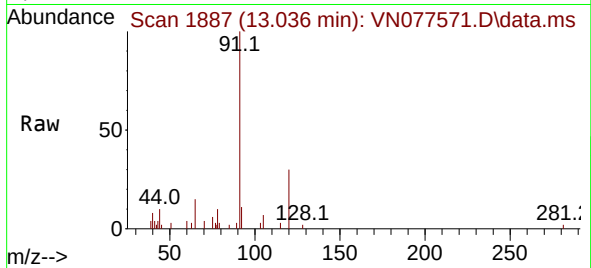




#78
n-propylbenzene
Concen: 0.252 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

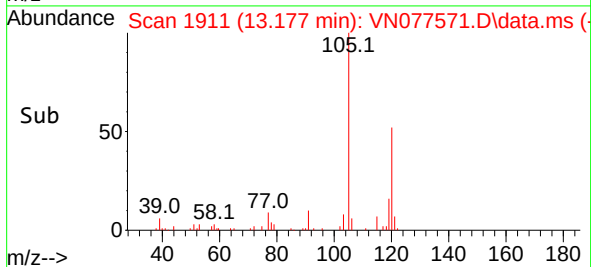
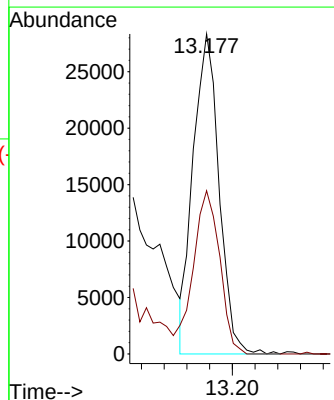
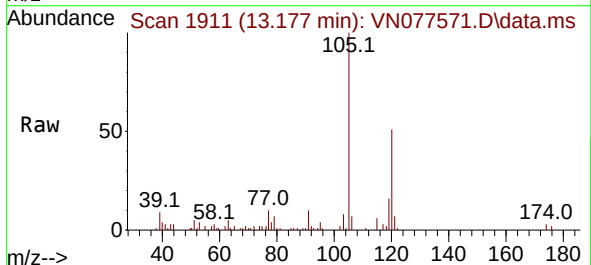
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

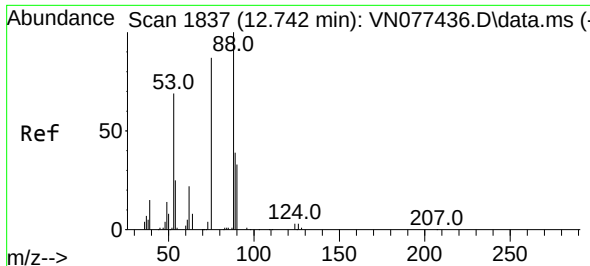
Tgt Ion: 91 Resp: 12442
Ion Ratio Lower Upper
91 100
120 27.0 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 1.354 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion:105 Resp: 44854
Ion Ratio Lower Upper
105 100
120 52.3 24.1 72.3

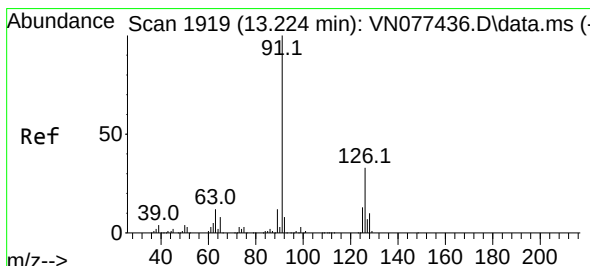
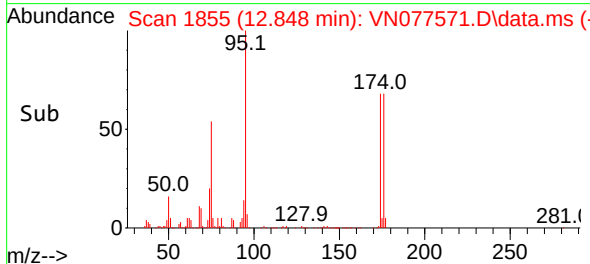
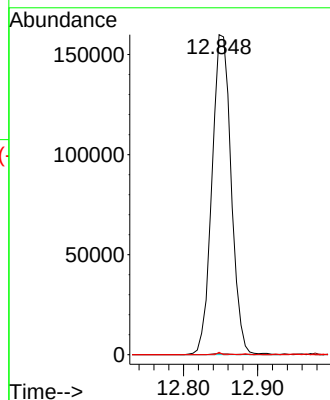
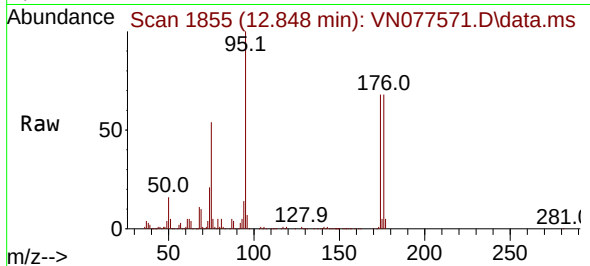




#81
trans-1,4-Dichloro-2-butene
Concen: 72.748 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.106 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

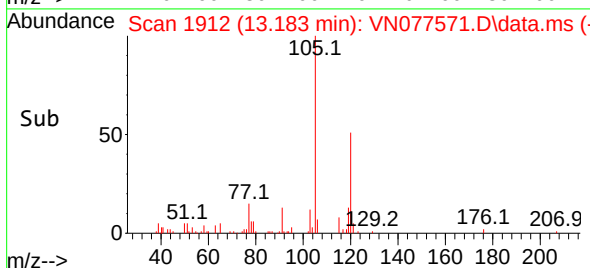
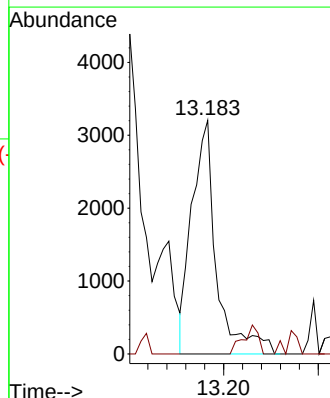
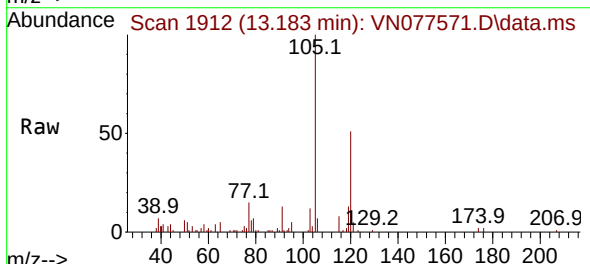
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

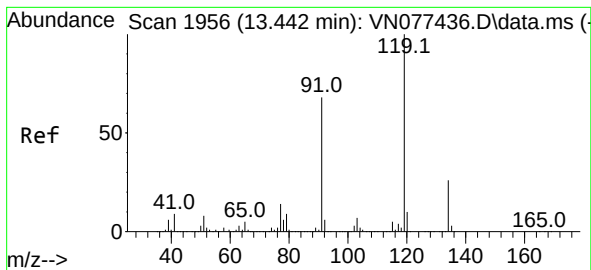
Tgt Ion: 75 Resp: 287903
Ion Ratio Lower Upper
75 100
53 0.3 67.4 101.2#
89 0.2 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.204 ug/l
RT: 13.183 min Scan# 1912
Delta R.T. -0.041 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 91 Resp: 5790
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#





#83

tert-Butylbenzene

Concen: 0.577 ug/l

RT: 13.483 min Scan# 1956

Delta R.T. 0.041 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

AUD-1991

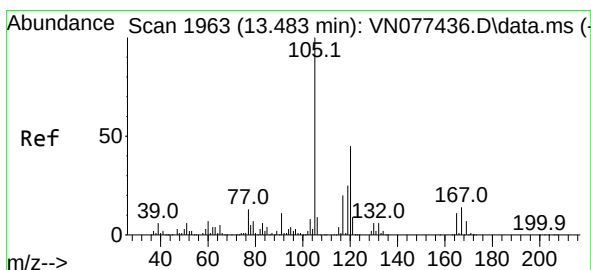
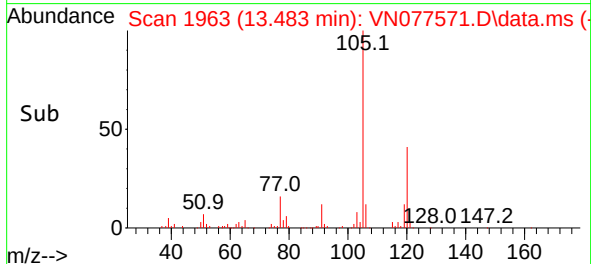
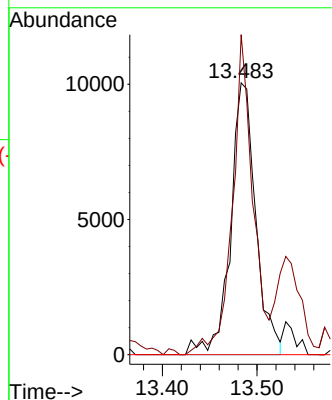
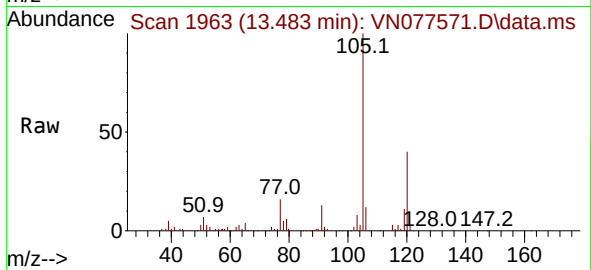
Tgt Ion:119 Resp: 18568

Ion Ratio Lower Upper

119 100

91 95.5 33.9 101.7

134 0.0 13.2 39.6#



#84

1,2,4-Trimethylbenzene

Concen: 6.094 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077571.D

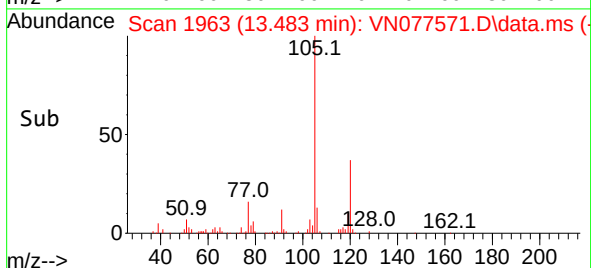
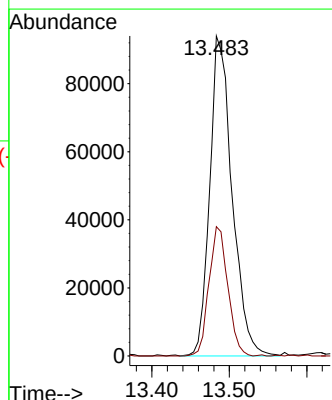
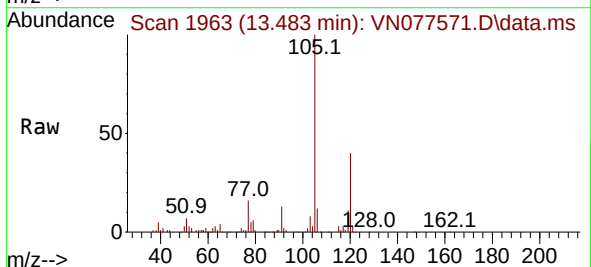
Acq: 03 May 2023 18:35

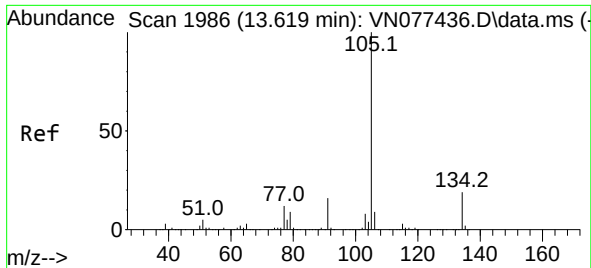
Tgt Ion:105 Resp: 188586

Ion Ratio Lower Upper

105 100

120 33.9 22.0 66.0

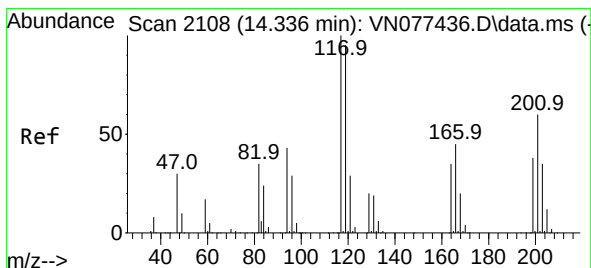
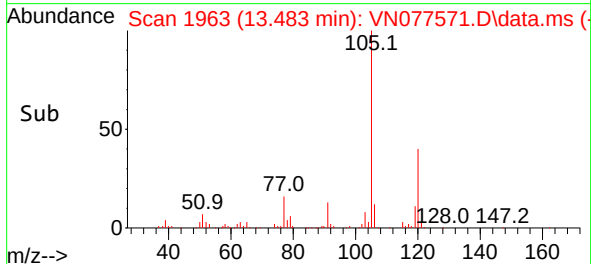
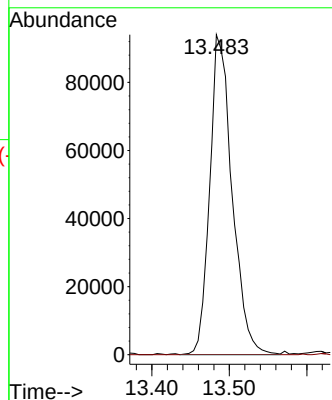
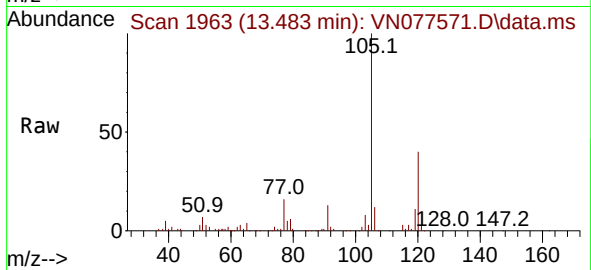




#85
 sec-Butylbenzene
 Concen: 4.270 ug/l
 RT: 13.483 min Scan# 1986
 Delta R.T. -0.135 min
 Lab File: VN077571.D
 Acq: 03 May 2023 18:35

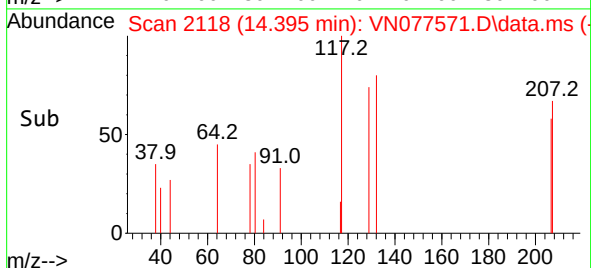
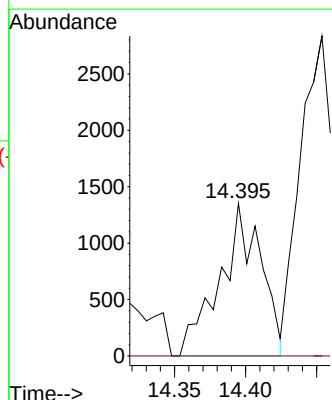
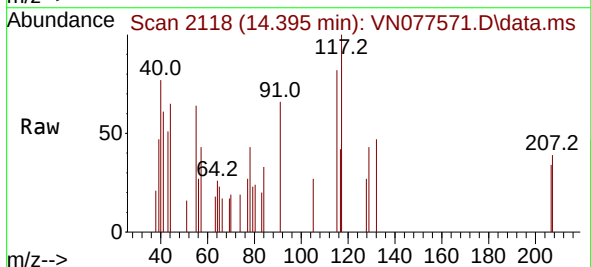
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1991

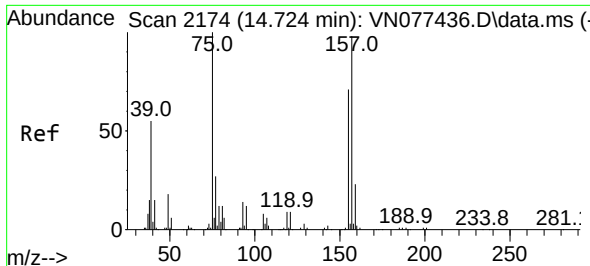
Tgt Ion:105 Resp: 188586
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#90
 Hexachloroethane
 Concen: 0.362 ug/l
 RT: 14.395 min Scan# 2118
 Delta R.T. 0.059 min
 Lab File: VN077571.D
 Acq: 03 May 2023 18:35

Tgt Ion:117 Resp: 2721
 Ion Ratio Lower Upper
 117 100
 201 0.0 29.3 88.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.292 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

AUD-1991

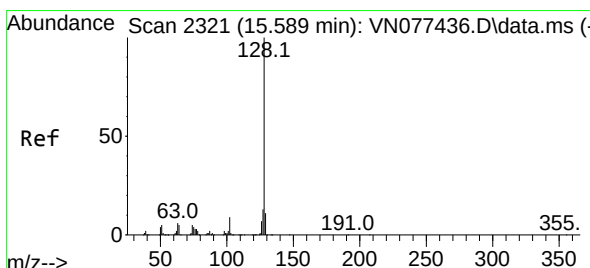
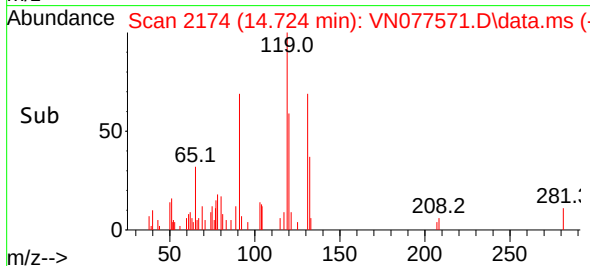
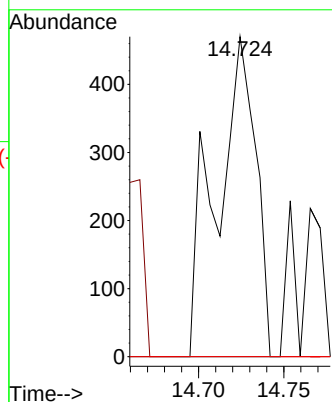
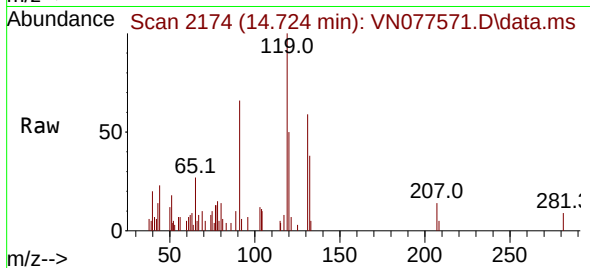
Tgt Ion: 75 Resp: 756

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#



#95

Naphthalene

Concen: 96.782 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. 0.053 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

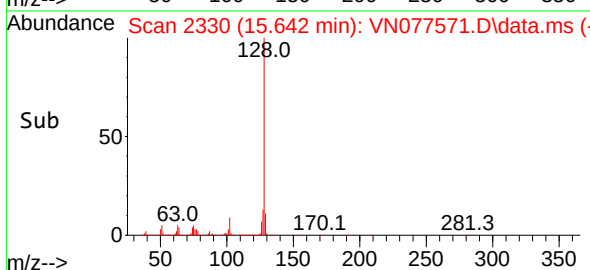
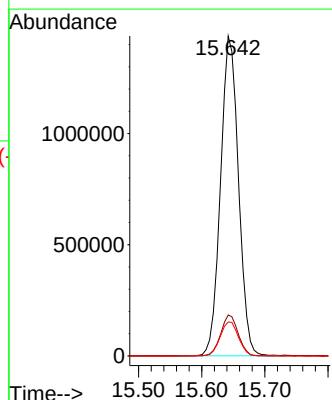
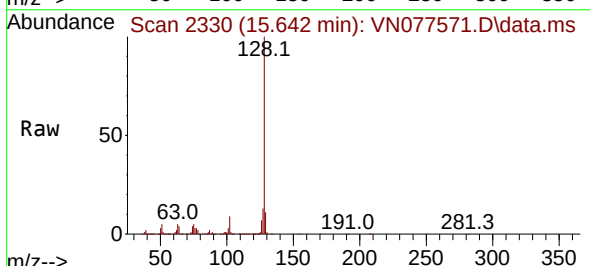
Tgt Ion: 128 Resp: 2838753

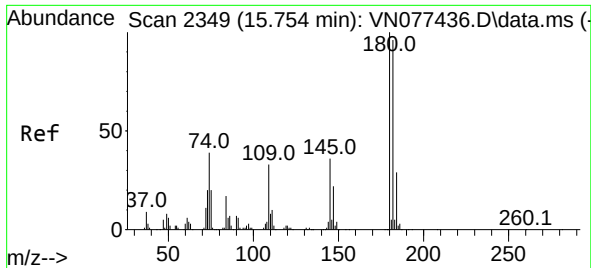
Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.500 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. 0.088 min
 Lab File: VN077571.D
 Acq: 03 May 2023 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1991

Tgt Ion	Ratio	Lower	Upper
180	100		
182	114.9	46.2	138.6
145	0.0	17.5	52.6#

