

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077581.D
 Acq On : 04 May 2023 16:12
 Operator : JC\MD
 Sample : 02566-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1988

Quant Time: May 05 04:10:47 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	761118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1423005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1321085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	549331	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	445456	44.852	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.700%
35) Dibromofluoromethane	8.172	113	435381	50.905	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.800%
50) Toluene-d8	10.572	98	1716627	52.369	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.740%
62) 4-Bromofluorobenzene	12.854	95	603756	56.296	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.154	85	107	0.320	ug/l #	43
5) Bromomethane	2.984	94	5861	0.666	ug/l	95
8) Diethyl Ether	3.966	74	1521	0.280	ug/l #	43
10) Methyl Iodide	4.619	142	5900	0.553	ug/l	91
11) Tert butyl alcohol	5.525	59	10082	6.323	ug/l #	78
13) Acrolein	4.201	56	2448	1.543	ug/l #	16
15) Acrylonitrile	5.737	53	1553	0.429	ug/l #	70
16) Acetone	4.437	43	192715	60.992	ug/l	95
17) Carbon Disulfide	4.725	76	6302	0.292	ug/l	99
18) Methyl Acetate	5.042	43	6664	0.546	ug/l	95
20) Methylene Chloride	5.284	84	91294	9.111	ug/l #	82
25) 2-Butanone	7.489	43	22879	5.105	ug/l	95
29) Tetrahydrofuran	7.842	42	817	0.291	ug/l #	46
31) Cyclohexane	8.230	56	18007	1.280	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	59708	4.832	ug/l #	49
37) Ethyl Acetate	7.572	43	89968	9.582	ug/l #	87
38) Carbon Tetrachloride	8.230	117	83173	6.101	ug/l #	17
39) Methylcyclohexane	9.601	83	3292	0.202	ug/l	93
40) Benzene	8.613	78	2149222	57.096	ug/l	98
42) 1,2-Dichloroethane	8.613	62	17408	1.346	ug/l	78
43) Isopropyl Acetate	8.695	43	404213	24.884	ug/l #	91
48) Methyl methacrylate	9.666	41	16660	2.253	ug/l #	31
49) 1,4-Dioxane	9.689	88	253	1.364	ug/l #	30
51) 4-Methyl-2-Pentanone	10.448	43	48160	5.055	ug/l	93
52) Toluene	10.630	92	1472832	59.726	ug/l	98
54) cis-1,3-Dichloropropene	10.360	75	202873	13.300	ug/l #	57
57) 1,3-Dichloropropane	11.207	76	25561	1.618	ug/l #	42
59) 2-Hexanone	11.171	43	307216	44.359	ug/l #	19
67) Ethyl Benzene	11.966	91	224107	4.554	ug/l	97
68) m/p-Xylenes	12.071	106	479141	25.051	ug/l	100
69) o-Xylene	12.401	106	450802	23.962	ug/l	95
70) Styrene	12.413	104	88251	3.000	ug/l #	29
73) Isopropylbenzene	12.695	105	15579	0.306	ug/l	93
74) N-amyl acetate	12.495	43	4291	0.284	ug/l	92
76) 1,2,3-Trichloropropane	12.848	75	289411	22.656	ug/l #	1
78) n-propylbenzene	13.042	91	34916	0.619	ug/l	92

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

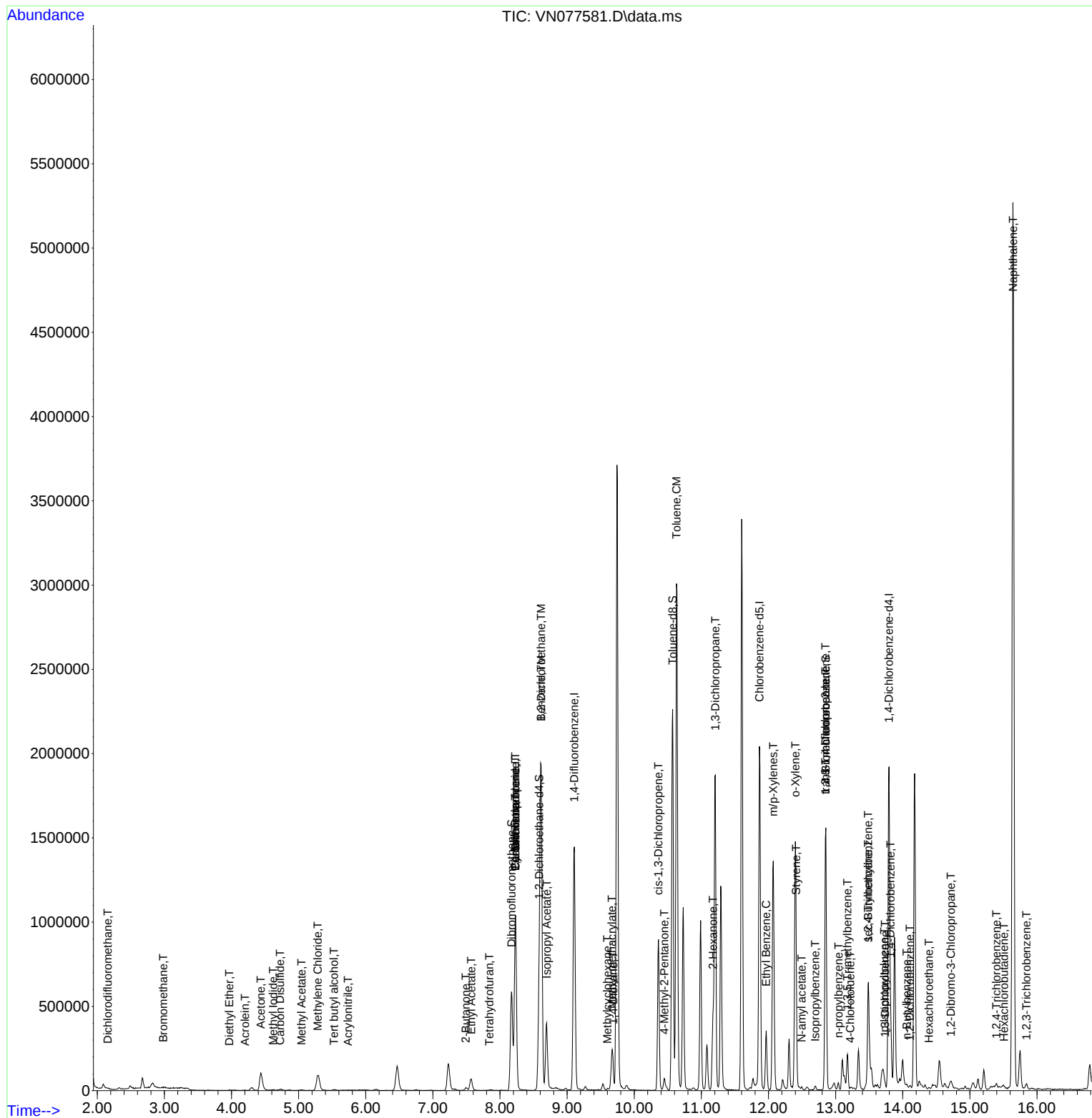
80) 1,3,5-Trimethylbenzene	13.177	105	114947	3.036	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.848	75	289411	64.007	ug/l #	15
82) 4-Chlorotoluene	13.218	91	6606	0.203	ug/l	78
84) 1,2,4-Trimethylbenzene	13.483	105	427807	12.101	ug/l	92
85) sec-Butylbenzene	13.483	105	427807	8.478	ug/l #	57
86) p-Isopropyltoluene	13.724	119	12966	0.334	ug/l	93
87) 1,3-Dichlorobenzene	13.736	146	5132	0.260	ug/l #	43
88) 1,4-Dichlorobenzene	13.818	146	8365	0.429	ug/l #	64
89) n-Butylbenzene	14.060	91	11952	0.398	ug/l #	71
90) Hexachloroethane	14.389	117	4682	0.546	ug/l #	21
91) 1,2-Dichlorobenzene	14.107	146	5530	0.282	ug/l	82
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1199	0.405	ug/l	74
93) 1,2,4-Trichlorobenzene	15.395	180	8902	2.980	ug/l	90
94) Hexachlorobutadiene	15.507	225	971	0.245	ug/l	92
95) Naphthalene	15.642	128	5297606	131.001	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	10968	3.393	ug/l	93

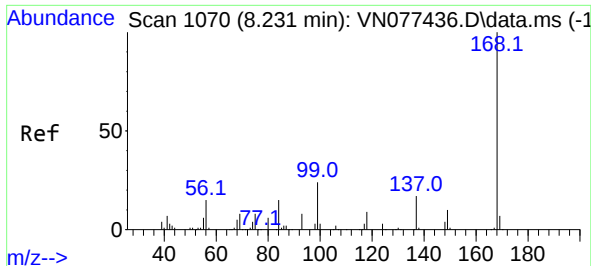
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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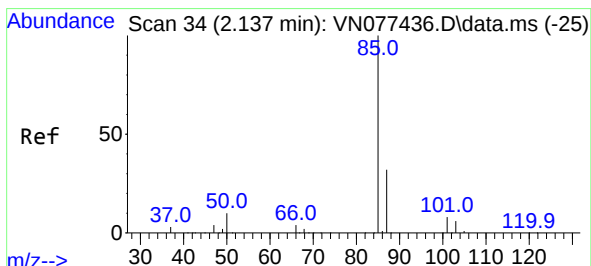
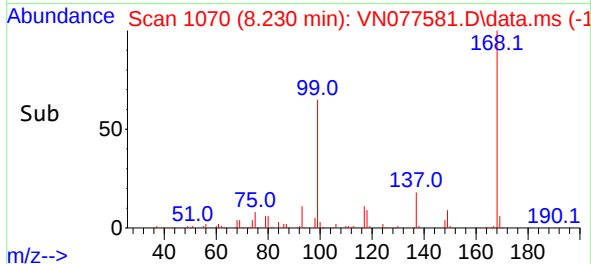
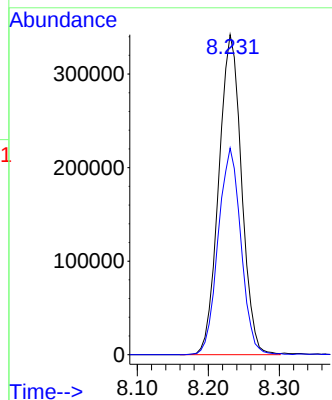
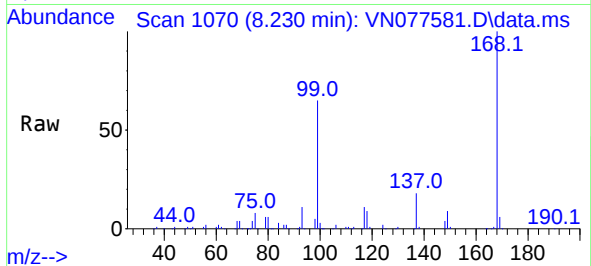




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

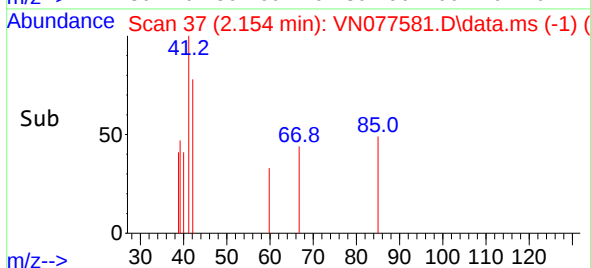
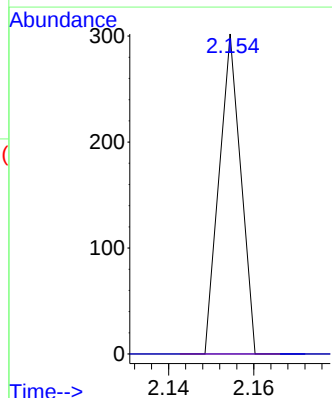
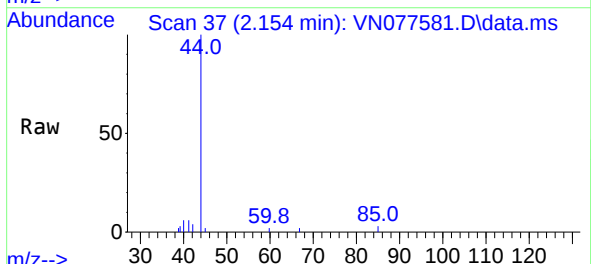
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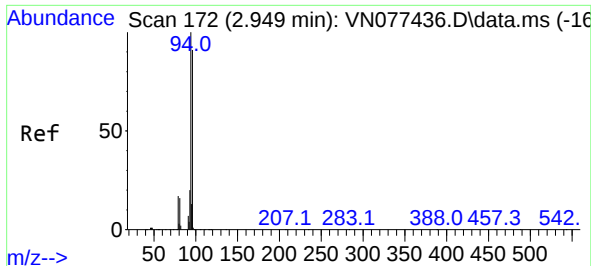
Tgt Ion:168 Resp: 761118
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.320 ug/l
RT: 2.154 min Scan# 37
Delta R.T. 0.017 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 85 Resp: 107
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

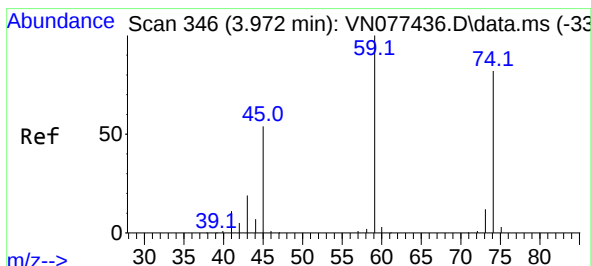
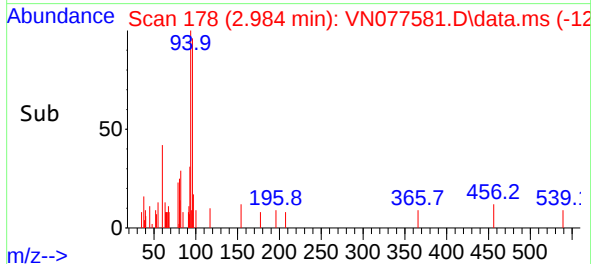
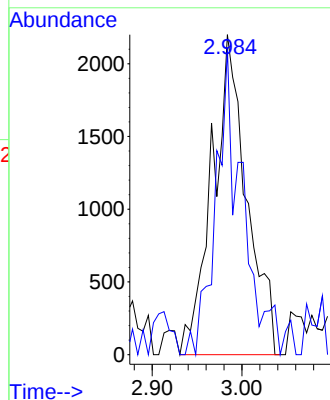
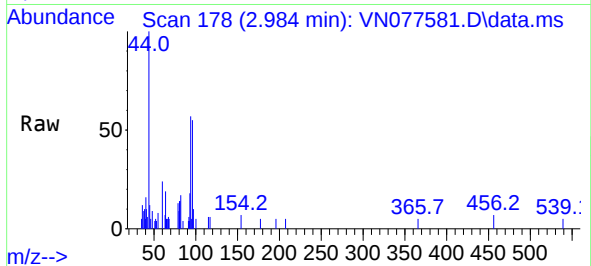




#5
Bromomethane
Concen: 0.666 ug/l
RT: 2.984 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

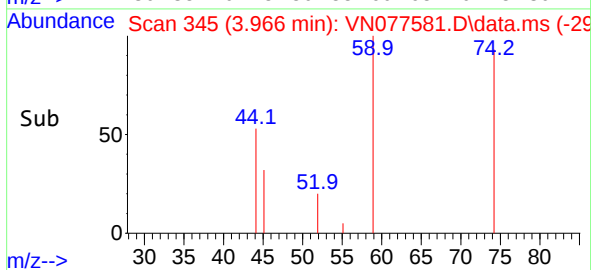
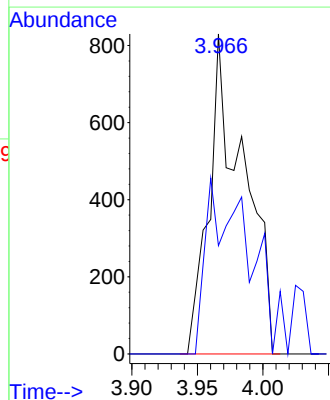
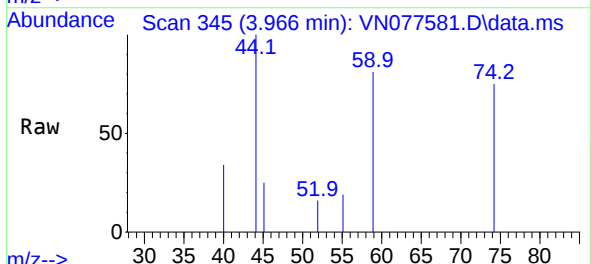
Instrument :
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ClientSampleId :
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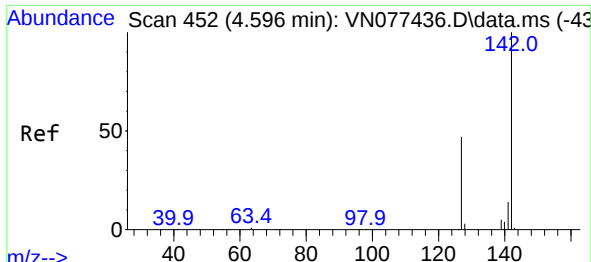
Tgt Ion: 94 Resp: 5861
Ion Ratio Lower Upper
94 100
96 95.7 73.1 109.7



#8
Diethyl Ether
Concen: 0.280 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 74 Resp: 1521
Ion Ratio Lower Upper
74 100
45 22.5 34.4 103.3#

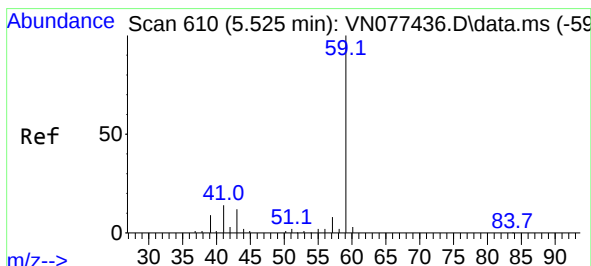
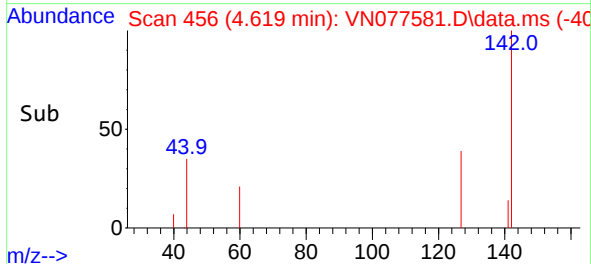
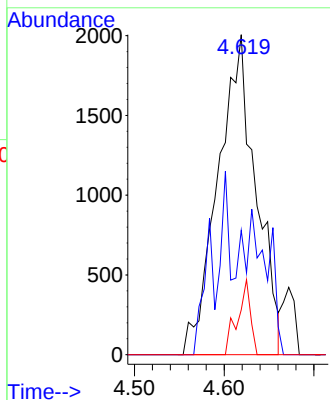
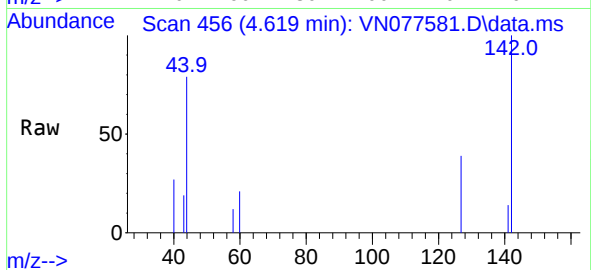




#10
Methyl Iodide
Concen: 0.553 ug/l
RT: 4.619 min Scan# 456
Delta R.T. 0.023 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

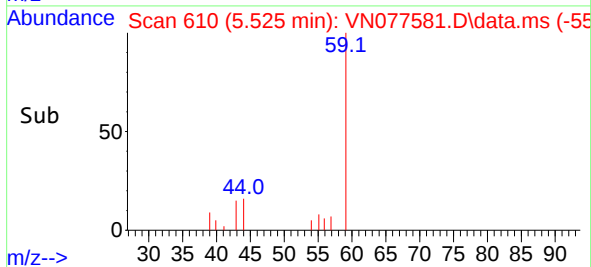
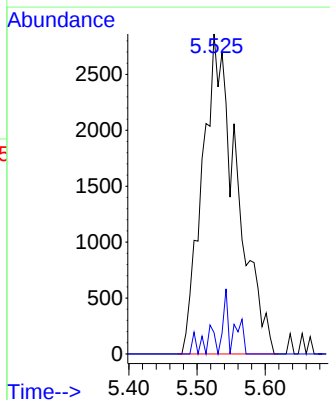
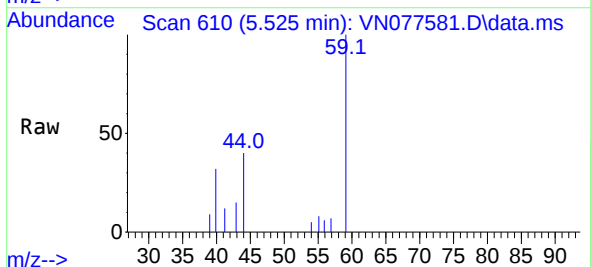
Instrument :
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ClientSampleId :
AUD-1988

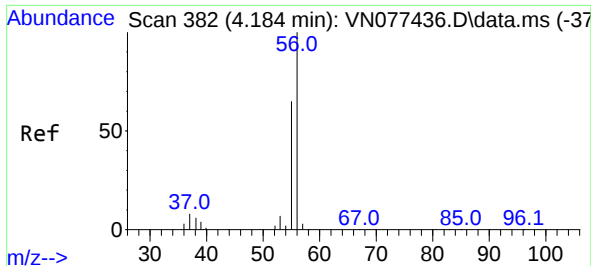
Tgt Ion:142 Resp: 5900
Ion Ratio Lower Upper
142 100
127 38.8 37.6 56.4
141 14.0 11.4 17.0



#11
Tert butyl alcohol
Concen: 6.323 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 59 Resp: 10082
Ion Ratio Lower Upper
59 100
57 2.1 8.2 12.4#

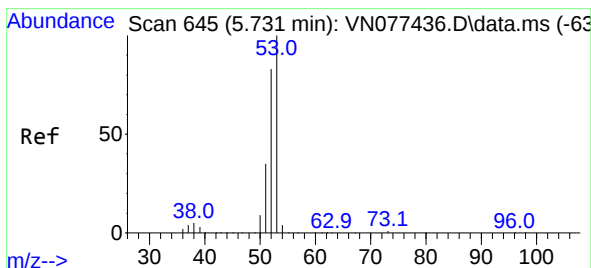
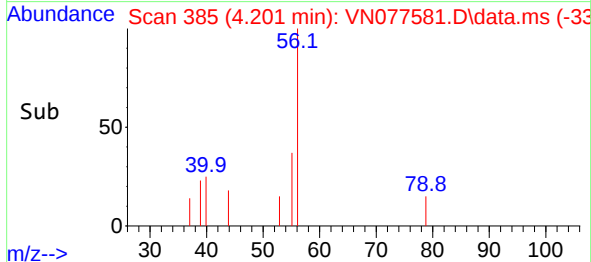
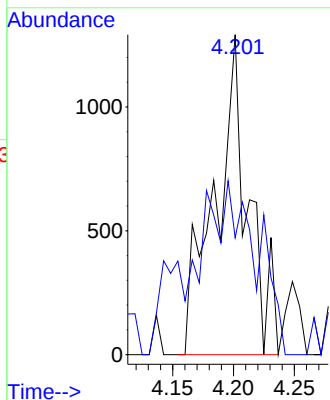
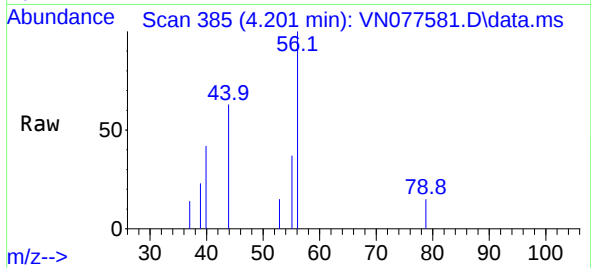




#13
Acrolein
Concen: 1.543 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.017 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

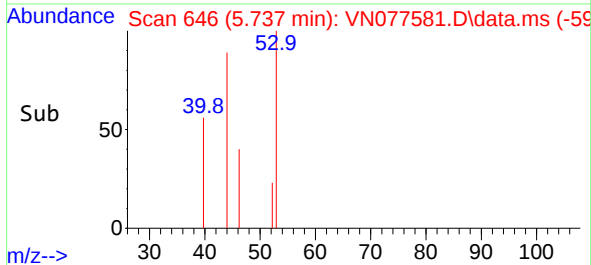
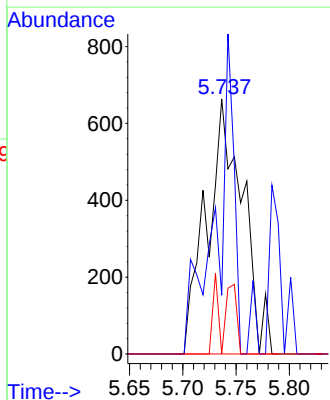
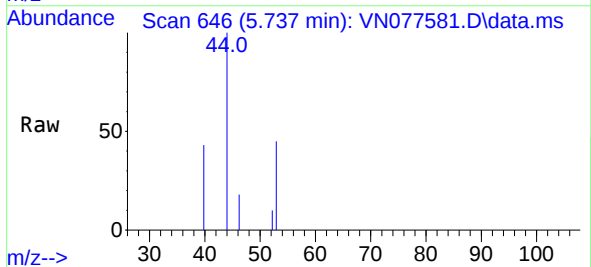
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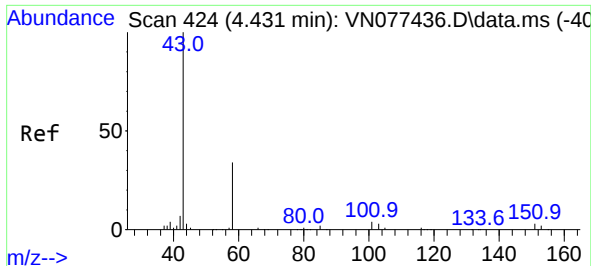
Tgt Ion: 56 Resp: 2448
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#15
Acrylonitrile
Concen: 0.429 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.006 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 53 Resp: 1553
Ion Ratio Lower Upper
53 100
52 62.5 65.3 97.9#
51 8.0 28.9 43.3#

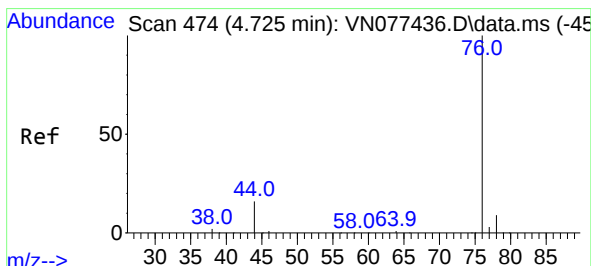
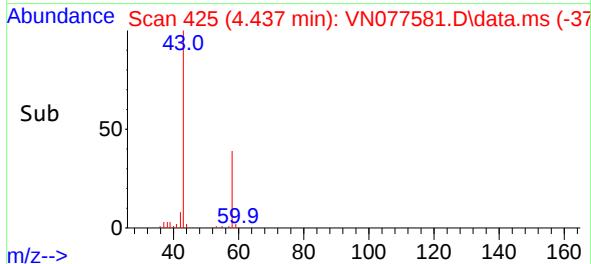
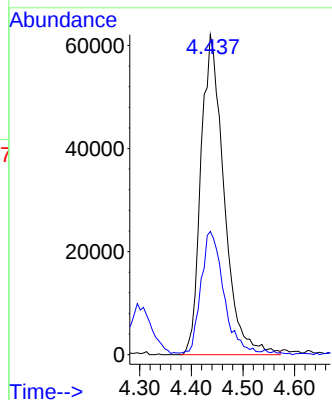
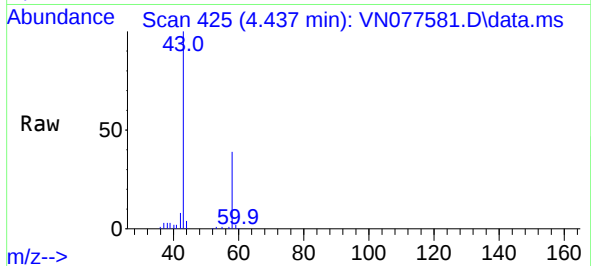




#16
Acetone
Concen: 60.992 ug/l
RT: 4.437 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077581.D
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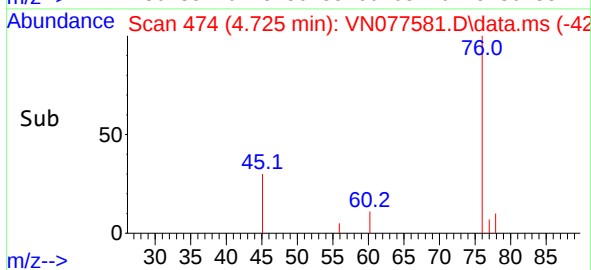
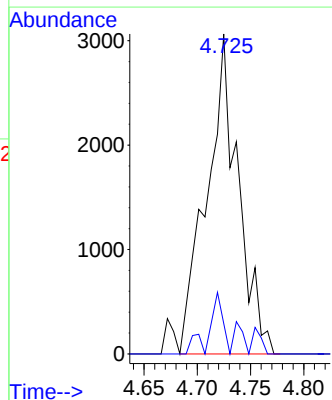
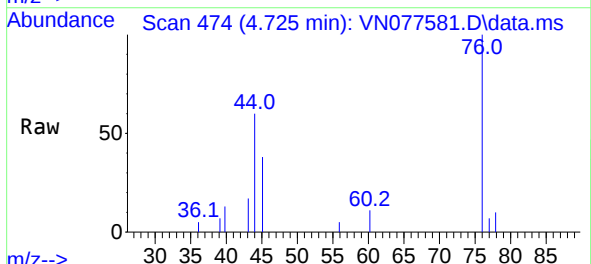
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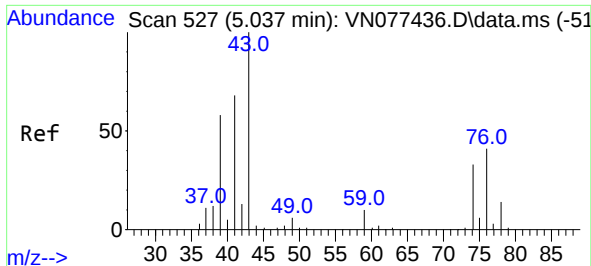
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Ion Ratio Lower Upper
43 100
58 38.0 28.0 42.0



#17
Carbon Disulfide
Concen: 0.292 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 76 Resp: 6302
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

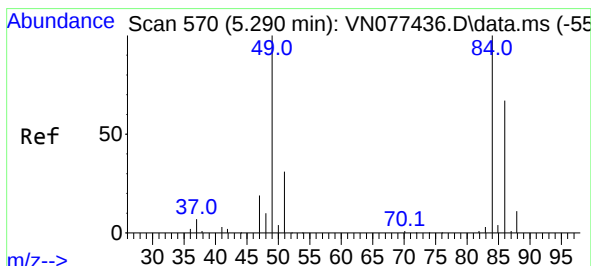
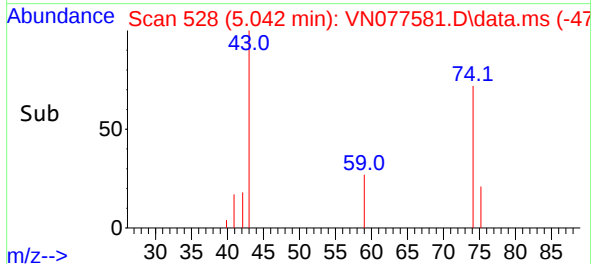
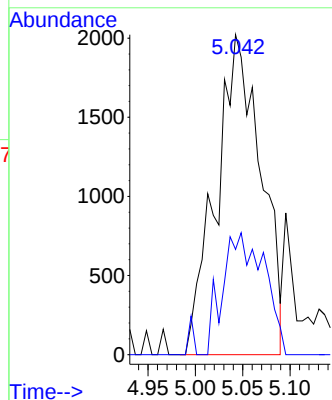
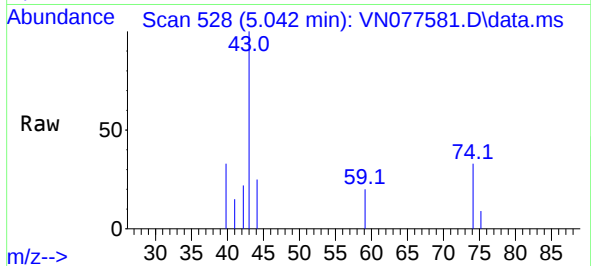




#18
Methyl Acetate
Concen: 0.546 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077581.D
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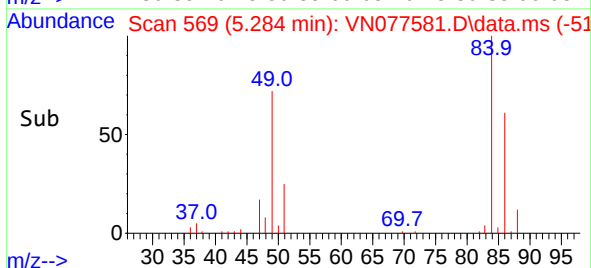
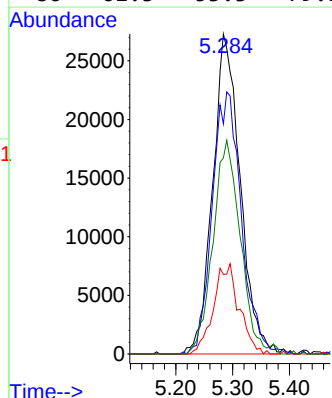
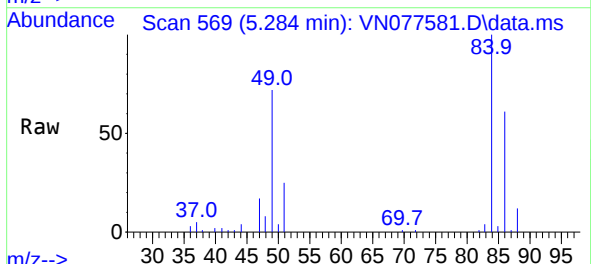
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AUD-1988

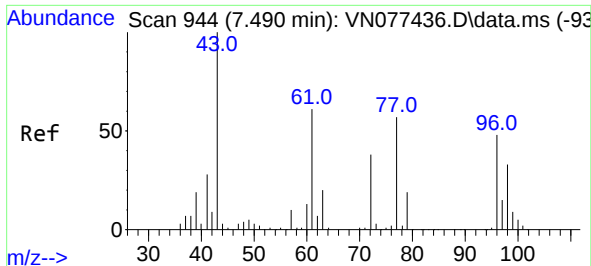
Tgt Ion: 43 Resp: 6664
Ion Ratio Lower Upper
43 100
74 35.4 26.2 39.4



#20
Methylene Chloride
Concen: 9.111 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 84 Resp: 91294
Ion Ratio Lower Upper
84 100
49 71.9 79.7 119.5#
51 24.9 25.2 37.8#
86 61.3 53.3 79.9

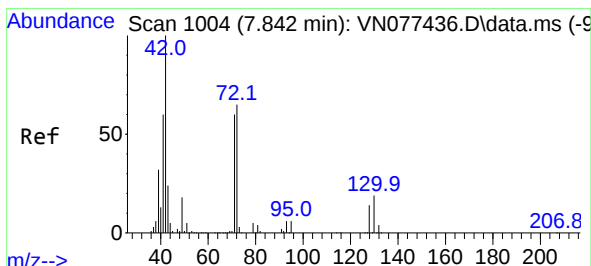
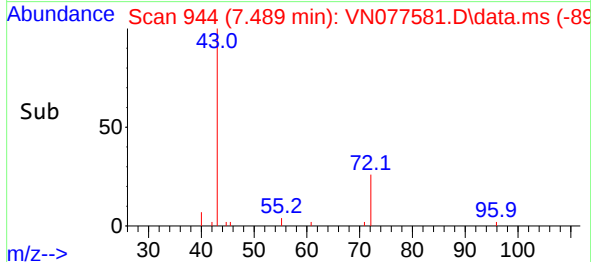
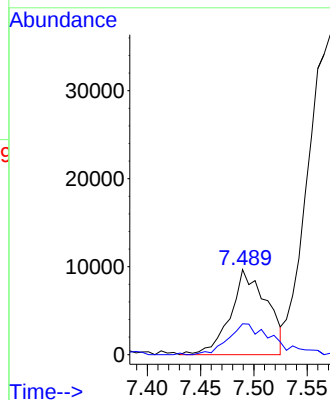
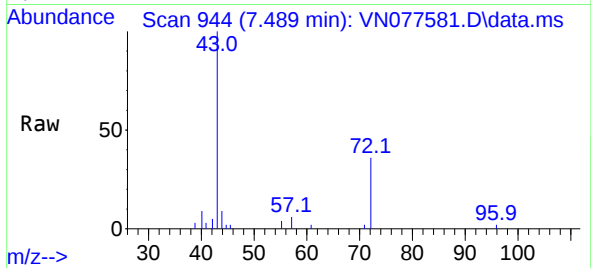




#25
2-Butanone
Concen: 5.105 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

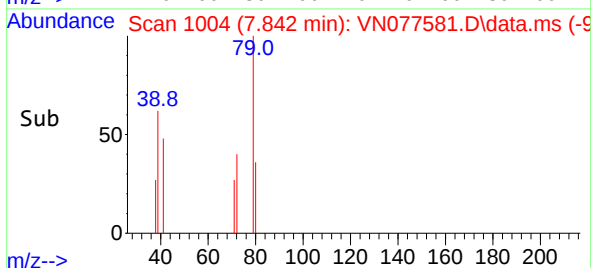
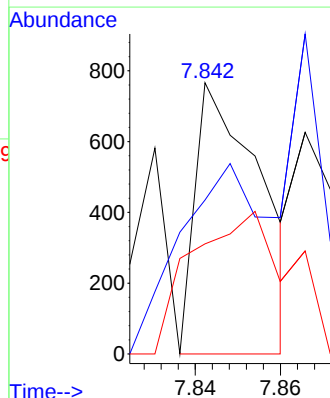
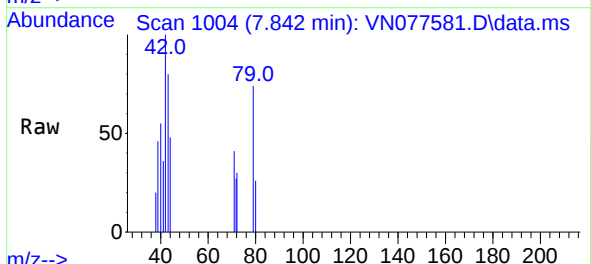
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

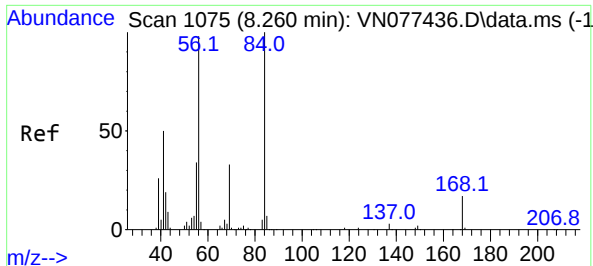
Tgt Ion: 43 Resp: 22879
Ion Ratio Lower Upper
43 100
72 34.5 30.2 45.2



#29
Tetrahydrofuran
Concen: 0.291 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 42 Resp: 817
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 78.6 47.4 71.2#





#31

Cyclohexane

Concen: 1.280 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.030 min

Lab File: VN077581.D

Acq: 04 May 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

AUD-1988

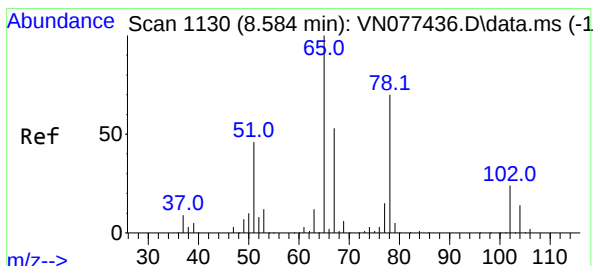
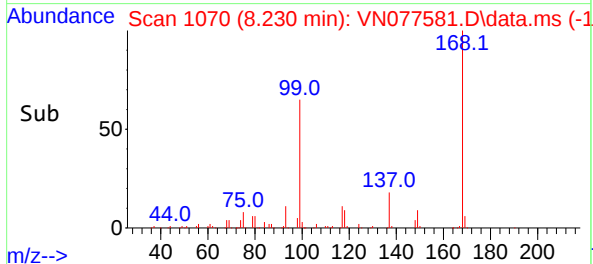
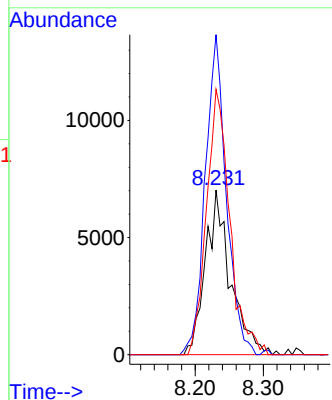
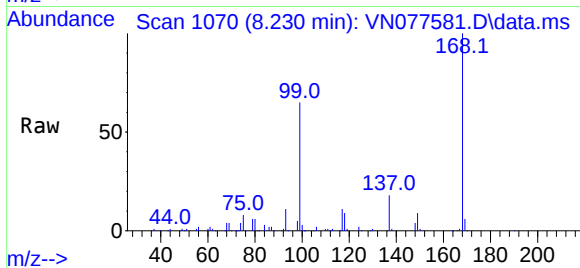
Tgt Ion: 56 Resp: 18007

Ion Ratio Lower Upper

56 100

69 194.4 26.8 40.2#

84 161.1 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 44.852 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077581.D

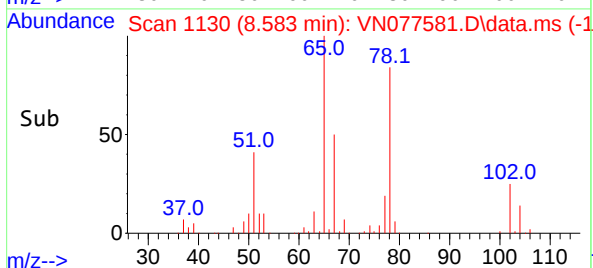
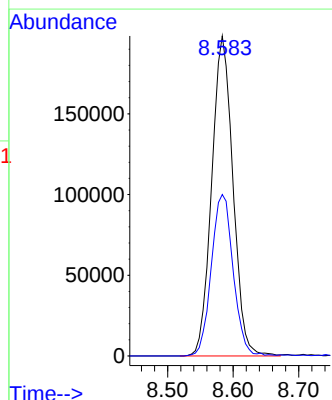
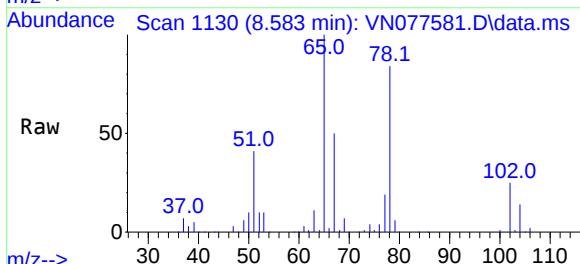
Acq: 04 May 2023 16:12

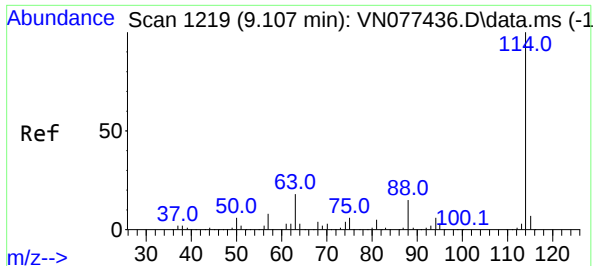
Tgt Ion: 65 Resp: 445456

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# 1

Delta R.T. -0.000 min

Lab File: VN077581.D

Acq: 04 May 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

AUD-1988

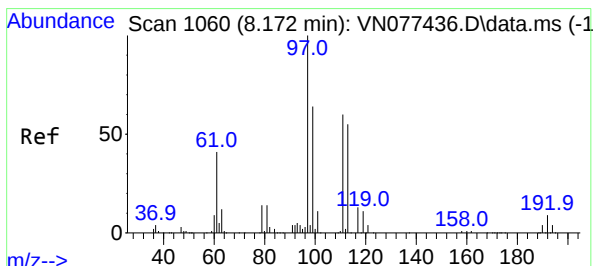
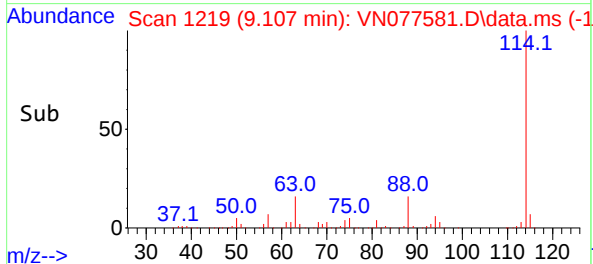
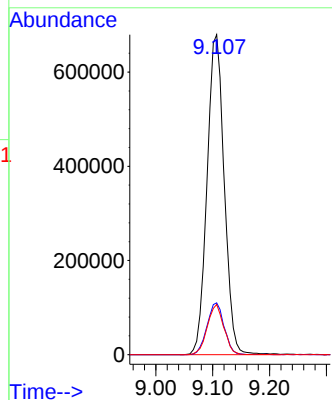
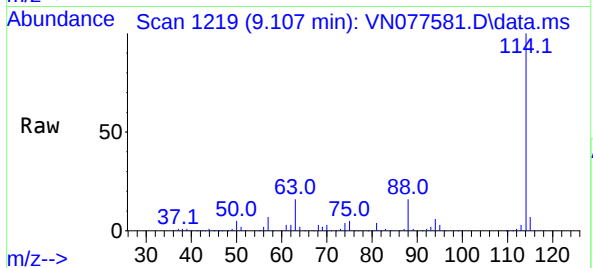
Tgt Ion:114 Resp: 1423005

Ion Ratio Lower Upper

114 100

63 16.2 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.905 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077581.D

Acq: 04 May 2023 16:12

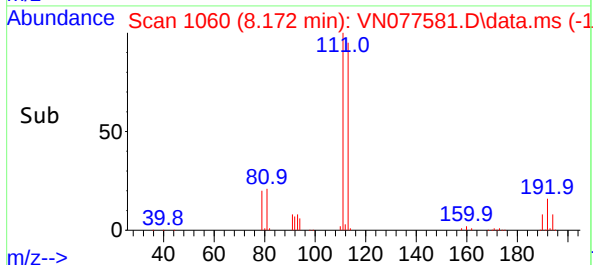
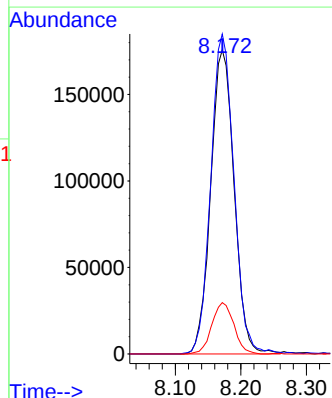
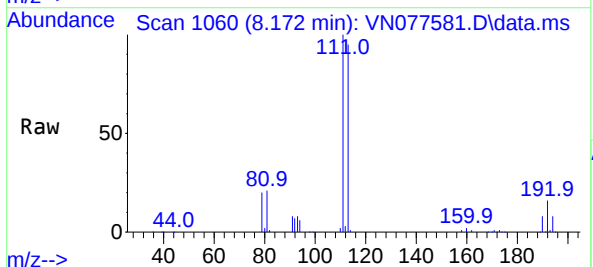
Tgt Ion:113 Resp: 435381

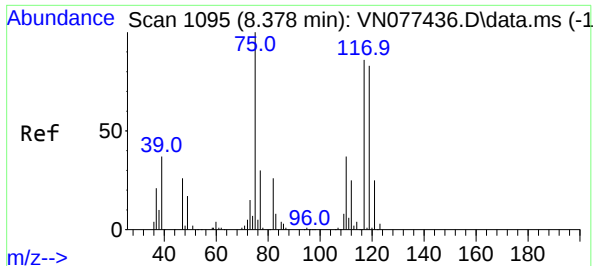
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 15.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.832 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN077581.D

Acq: 04 May 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

AUD-1988

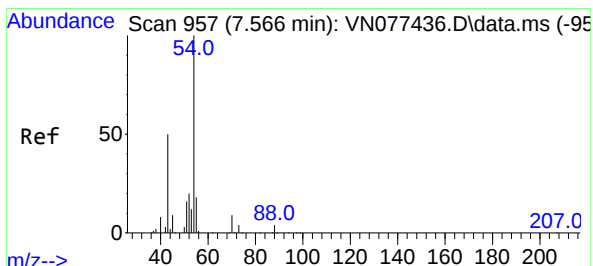
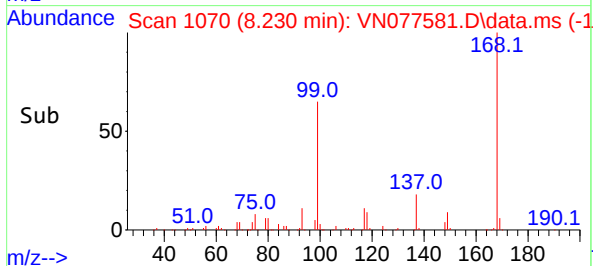
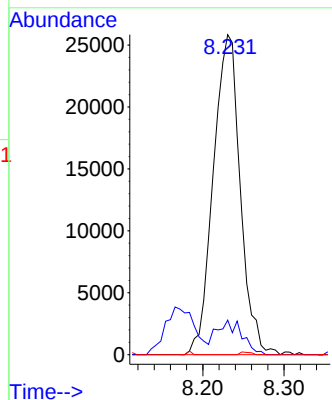
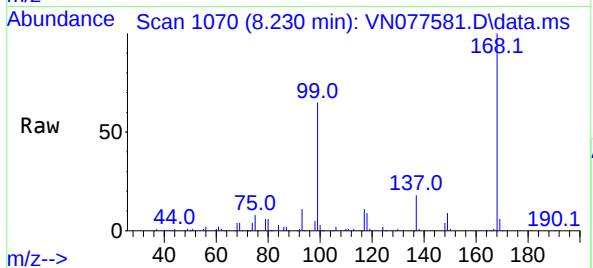
Tgt Ion: 75 Resp: 59708

Ion Ratio Lower Upper

75 100

110 10.1 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 9.582 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077581.D

Acq: 04 May 2023 16:12

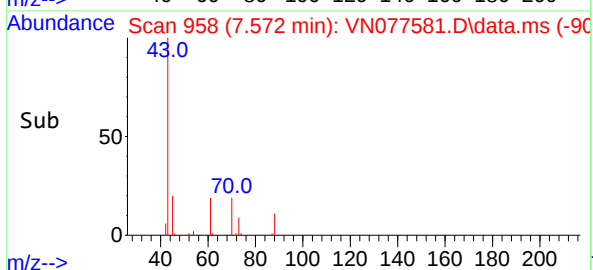
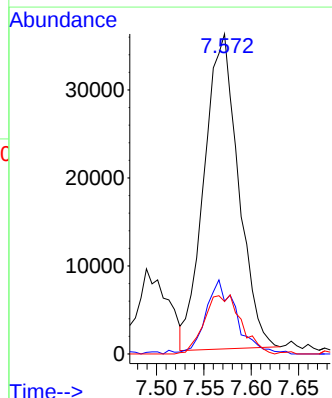
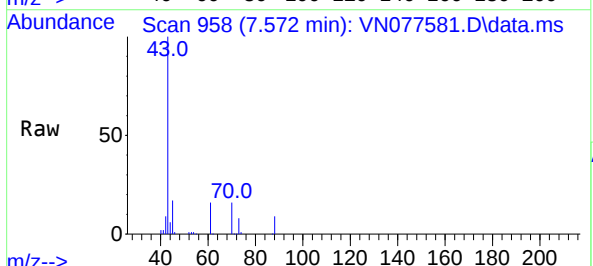
Tgt Ion: 43 Resp: 89968

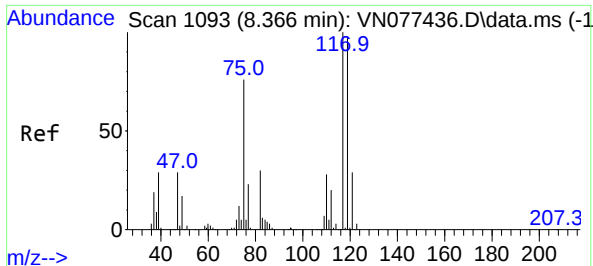
Ion Ratio Lower Upper

43 100

61 21.4 13.2 19.8#

70 20.1 11.3 16.9#

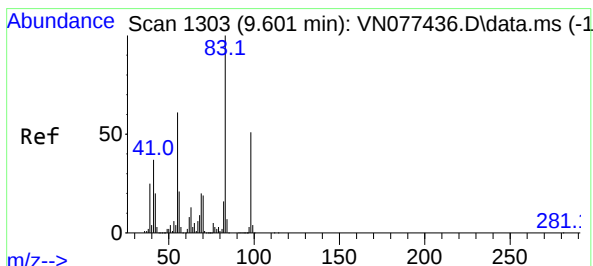
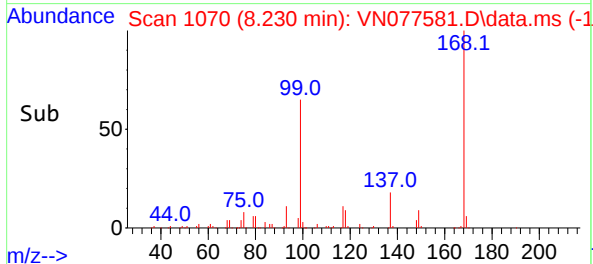
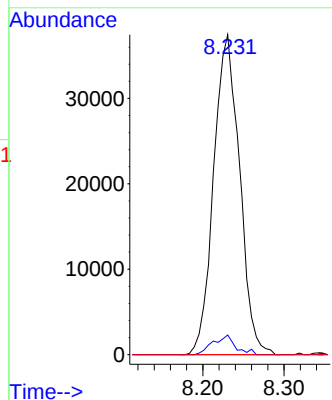
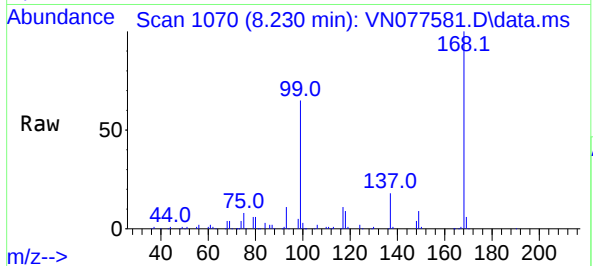




#38
Carbon Tetrachloride
Concen: 6.101 ug/l
RT: 8.230 min Scan# 1093
Delta R.T. -0.135 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

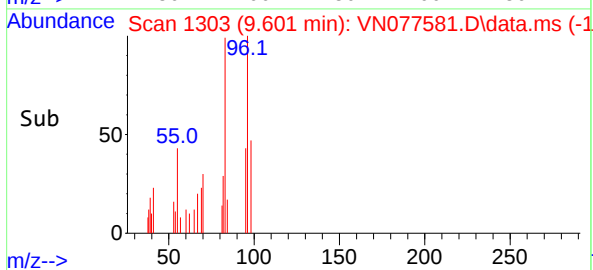
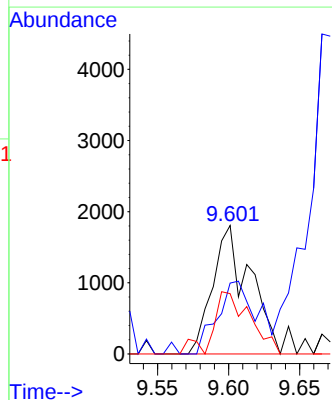
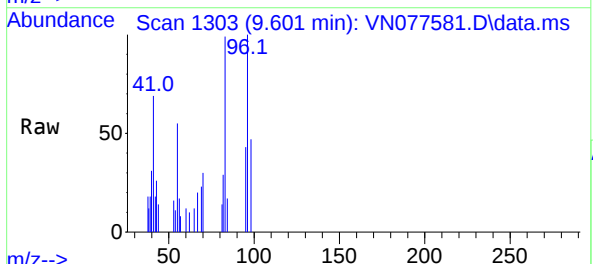
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

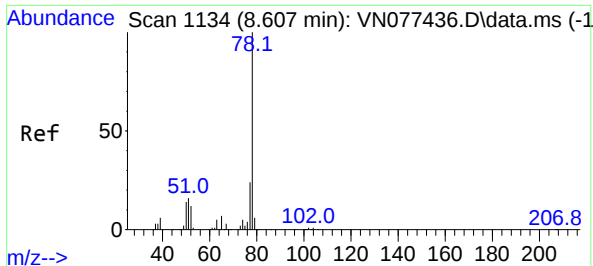
Tgt Ion:117 Resp: 83173
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.202 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 83 Resp: 3292
Ion Ratio Lower Upper
83 100
55 55.2 49.1 73.7
98 47.0 40.6 61.0

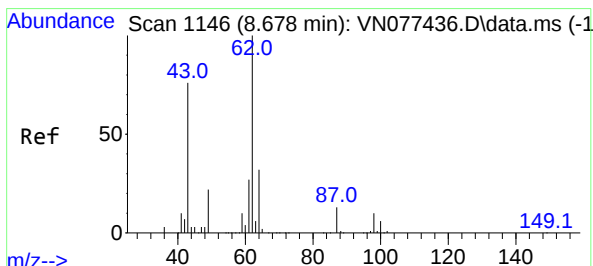
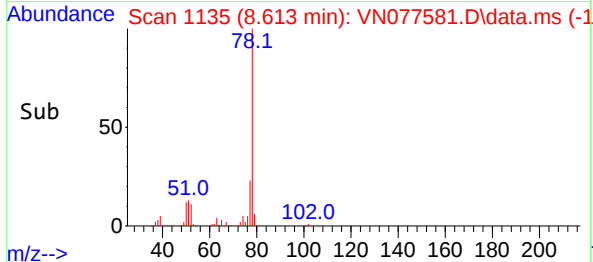
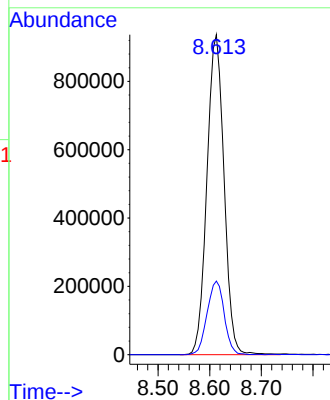
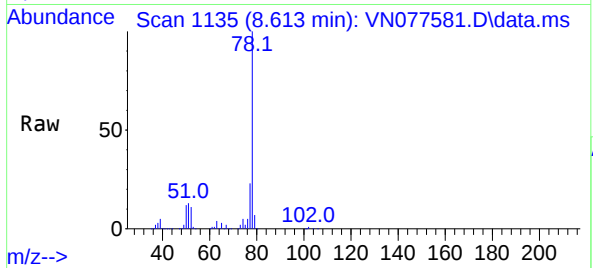




#40
Benzene
Concen: 57.096 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

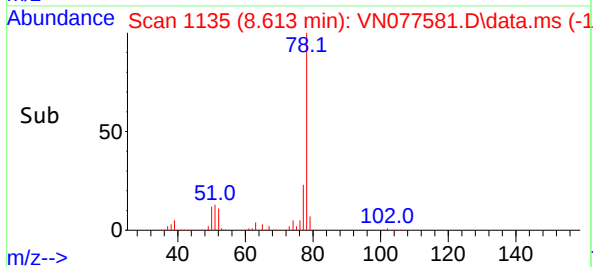
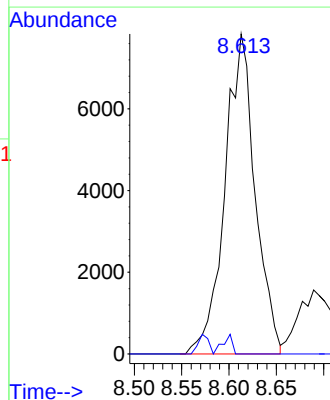
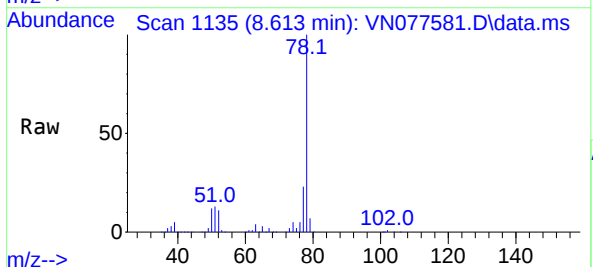
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

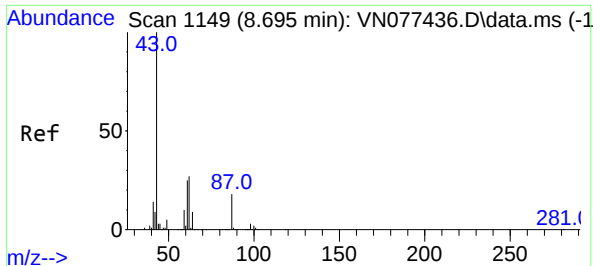
Tgt Ion: 78 Resp: 2149222
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6



#42
1,2-Dichloroethane
Concen: 1.346 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.065 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 62 Resp: 17408
Ion Ratio Lower Upper
62 100
98 1.9 0.0 19.8

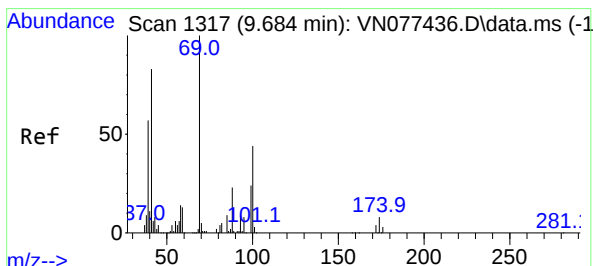
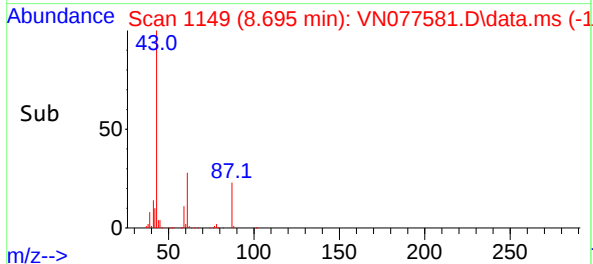
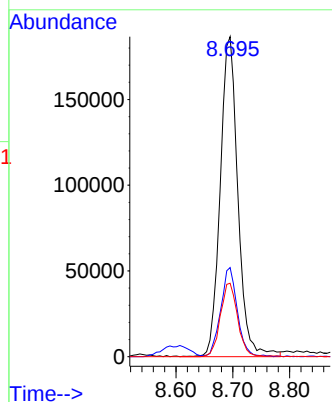
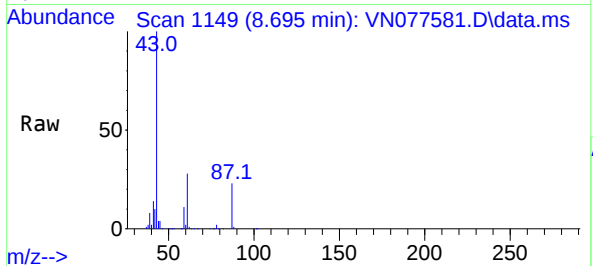




#43
Isopropyl Acetate
Concen: 24.884 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

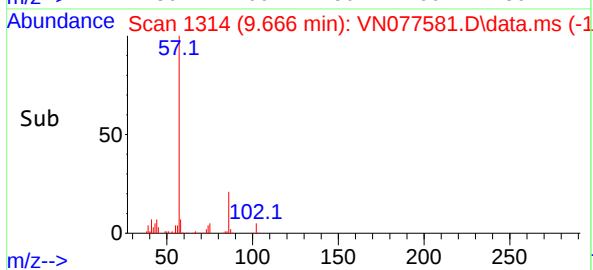
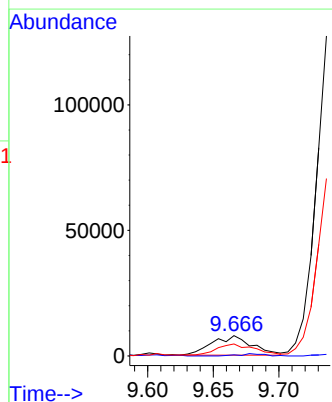
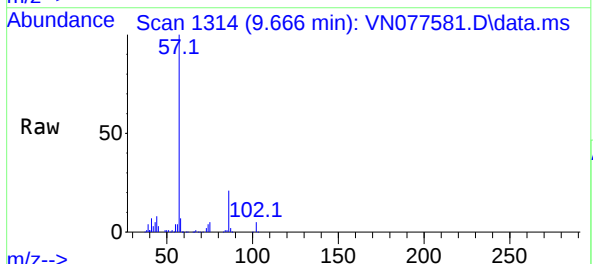
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

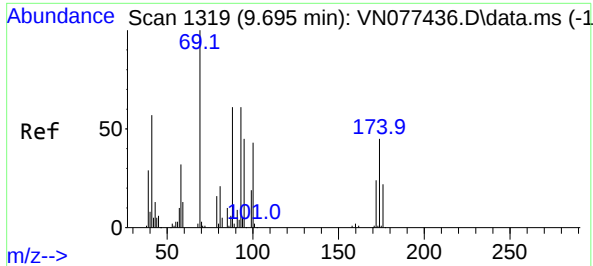
Tgt Ion: 43 Resp: 404213
Ion Ratio Lower Upper
43 100
61 25.8 24.7 37.1
87 22.3 14.6 21.8#



#48
Methyl methacrylate
Concen: 2.253 ug/l
RT: 9.666 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 41 Resp: 16660
Ion Ratio Lower Upper
41 100
69 6.9 90.4 135.6#
39 51.9 54.6 81.8#

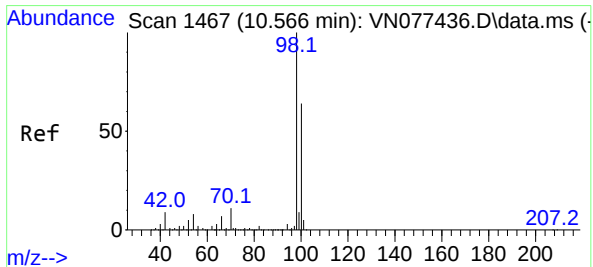
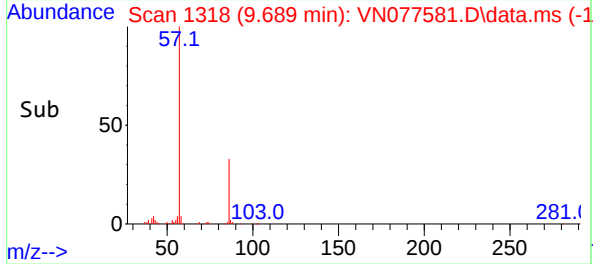
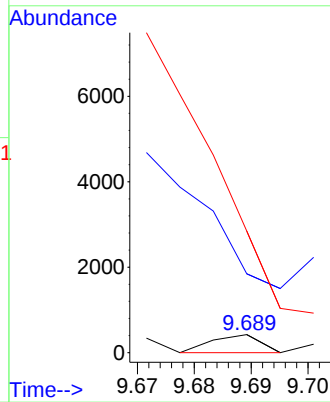
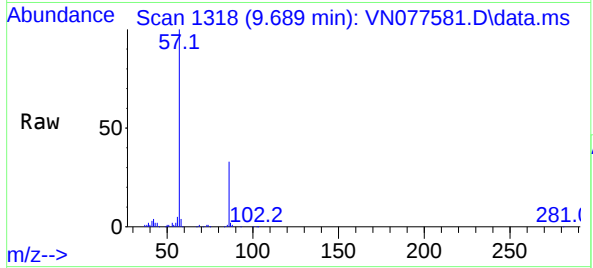




#49
1,4-Dioxane
Concen: 1.364 ug/l
RT: 9.689 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

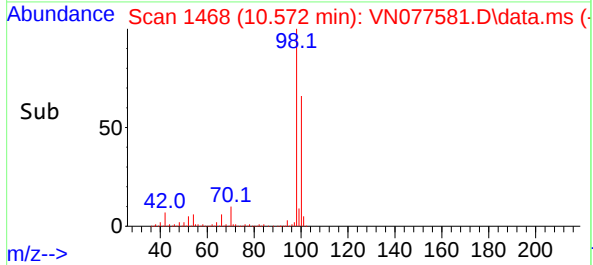
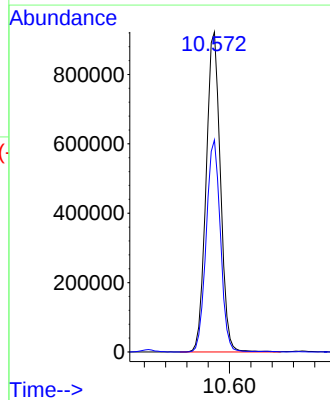
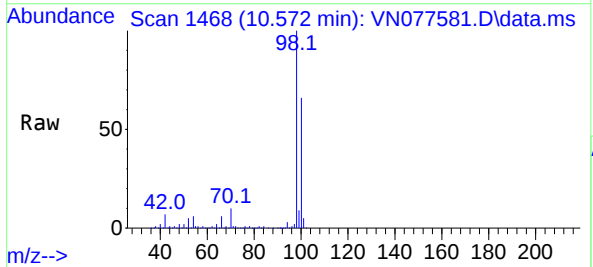
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

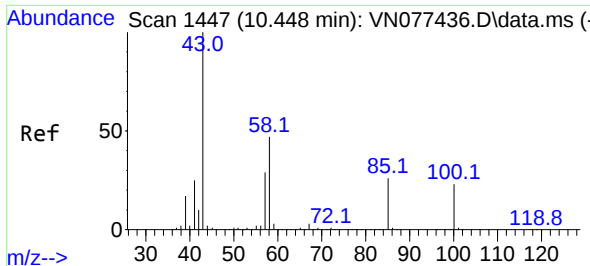
Tgt Ion: 88 Resp: 253
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 52.369 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 98 Resp: 1716627
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

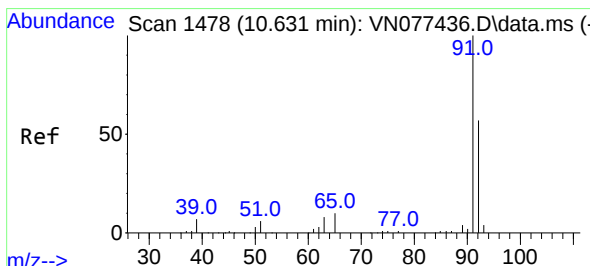
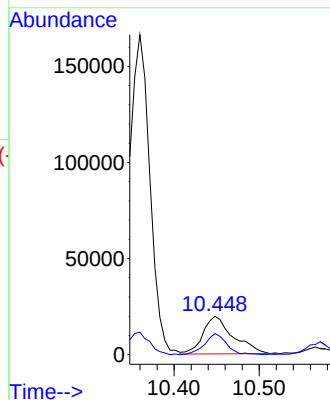
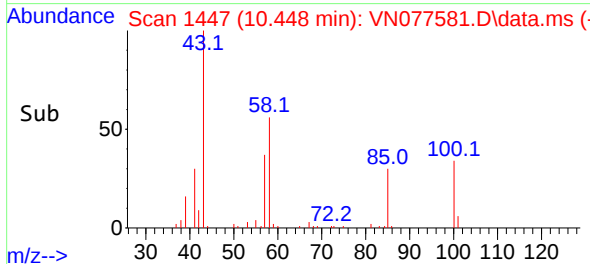
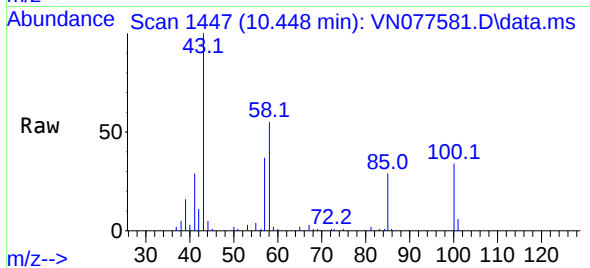




#51
4-Methyl-2-Pentanone
Concen: 5.055 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

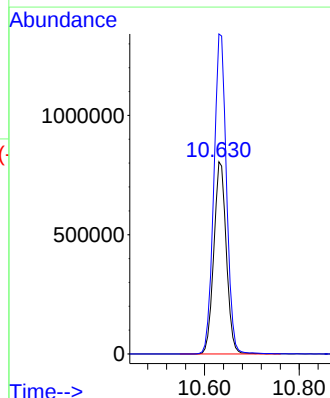
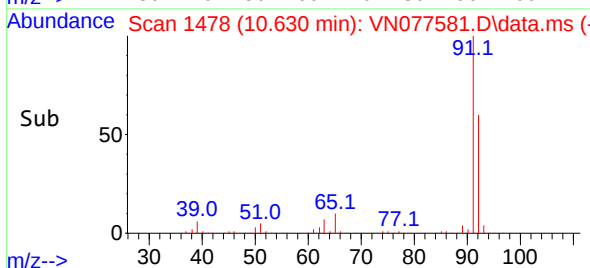
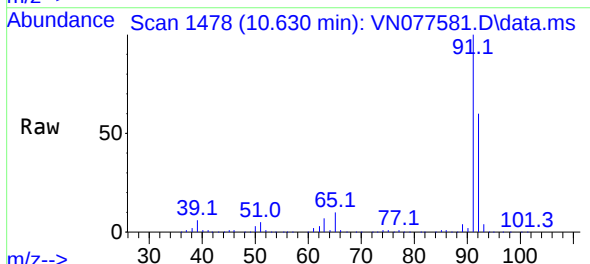
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

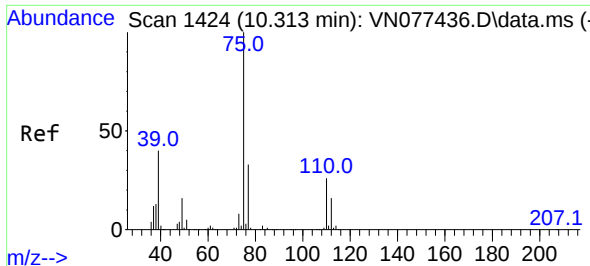
Tgt Ion: 43 Resp: 48160
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8



#52
Toluene
Concen: 59.726 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 92 Resp: 1472832
Ion Ratio Lower Upper
92 100
91 168.8 137.4 206.0

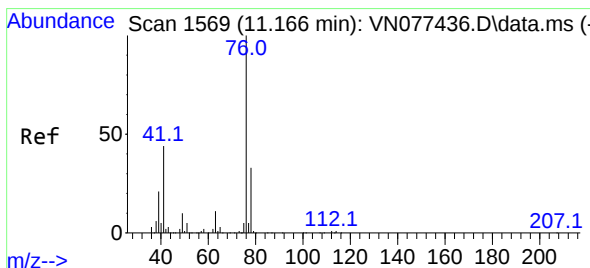
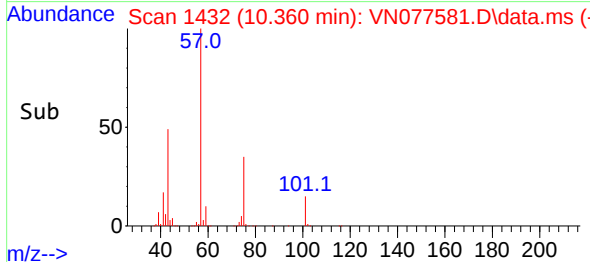
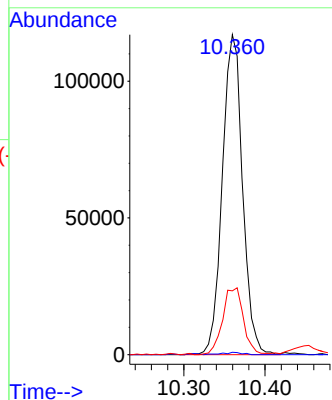
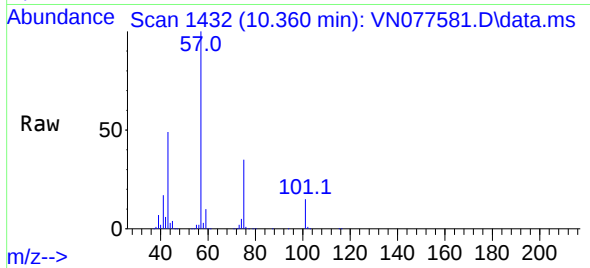




#54
cis-1,3-Dichloropropene
Concen: 13.300 ug/l
RT: 10.360 min Scan# 1424
Delta R.T. 0.047 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

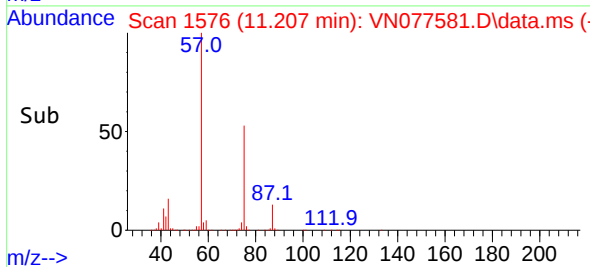
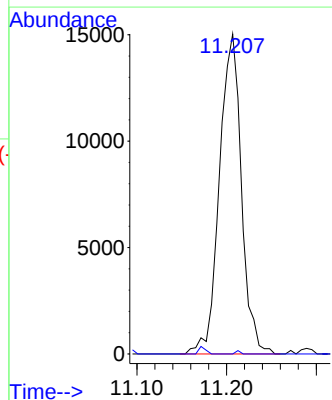
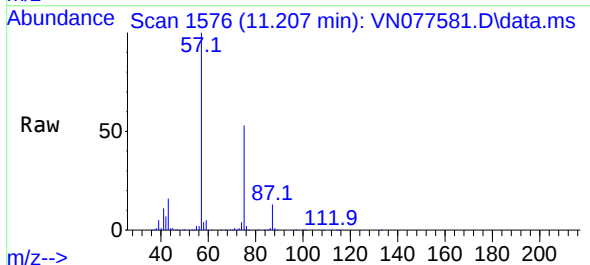
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

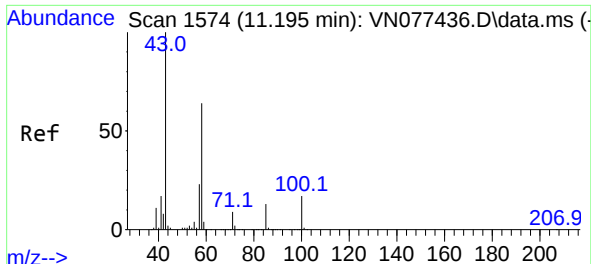
Tgt Ion: 75 Resp: 202873
Ion Ratio Lower Upper
75 100
77 0.8 26.1 39.1#
39 19.9 31.6 47.4#



#57
1,3-Dichloropropane
Concen: 1.618 ug/l
RT: 11.207 min Scan# 1576
Delta R.T. 0.041 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 76 Resp: 25561
Ion Ratio Lower Upper
76 100
78 0.2 26.1 39.1#

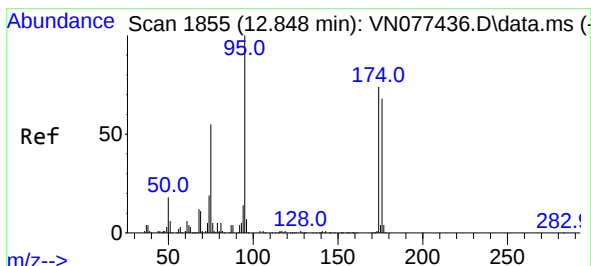
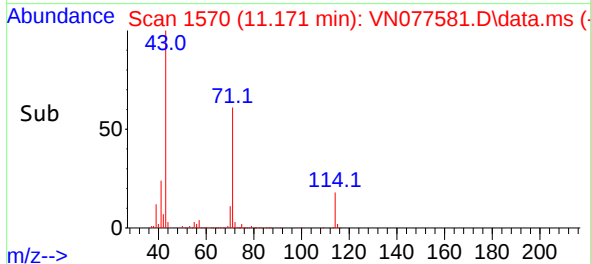
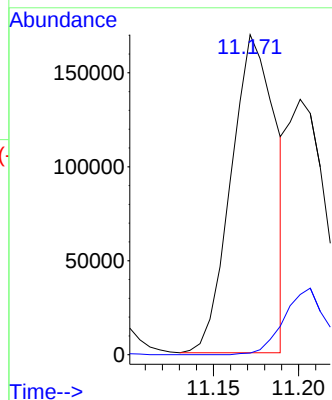
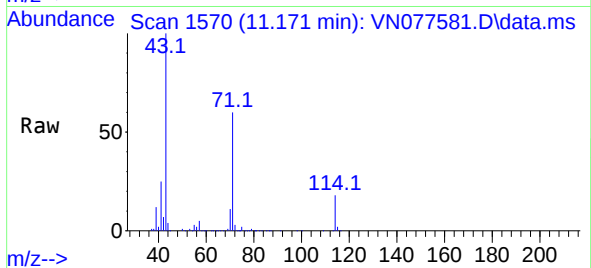




#59
2-Hexanone
Concen: 44.359 ug/l
RT: 11.171 min Scan# 11170
Delta R.T. -0.024 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

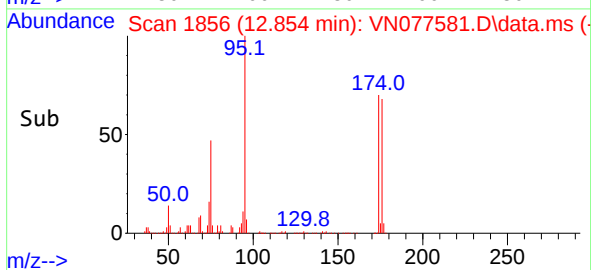
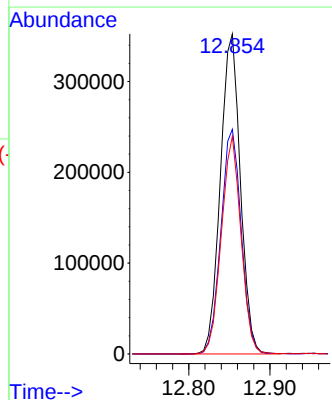
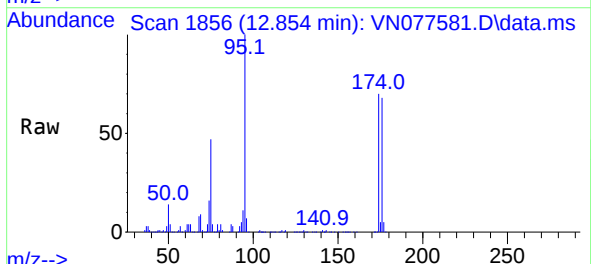
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

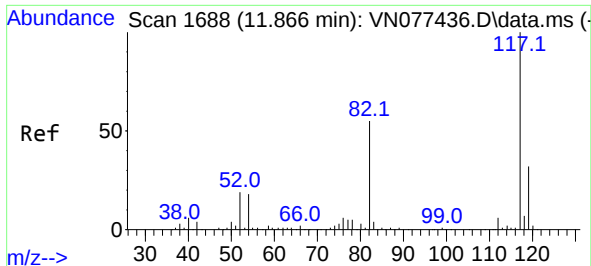
Tgt Ion: 43 Resp: 307216
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 56.296 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 95 Resp: 603756
Ion Ratio Lower Upper
95 100
174 71.3 0.0 143.8
176 66.6 0.0 135.8

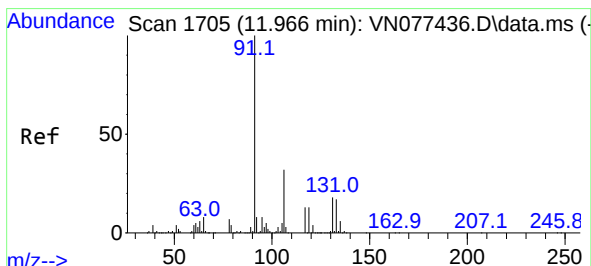
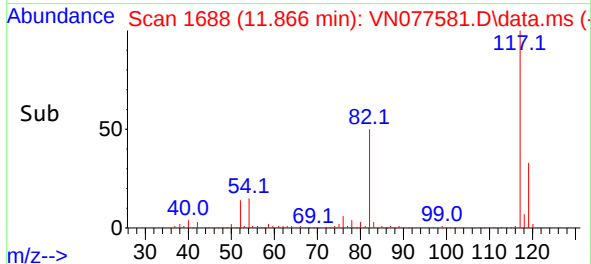
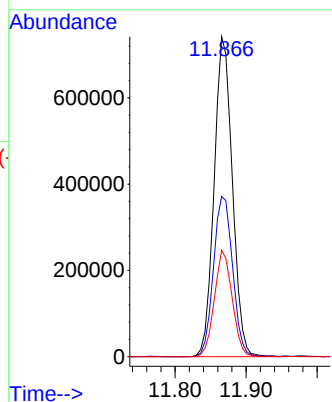
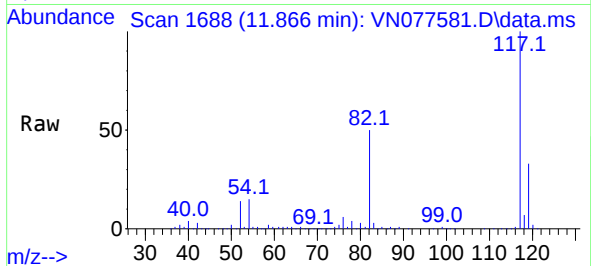




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

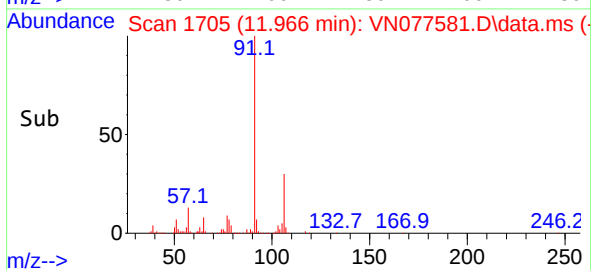
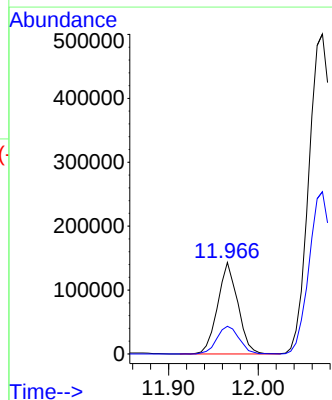
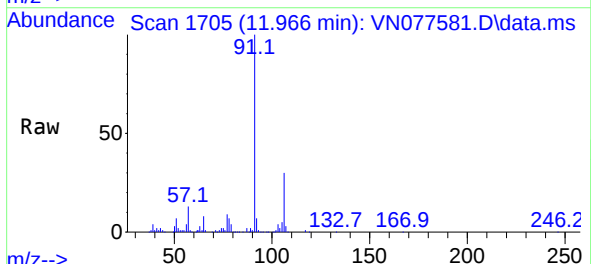
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

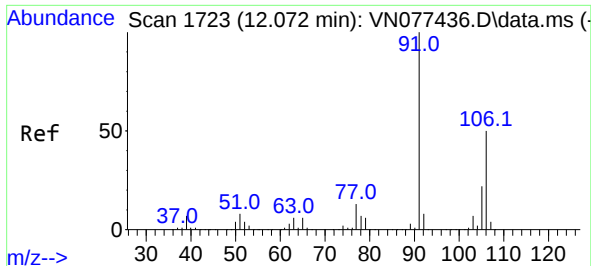
Tgt Ion:117 Resp: 1321085
Ion Ratio Lower Upper
117 100
82 50.1 44.0 66.0
119 33.3 25.6 38.4



#67
Ethyl Benzene
Concen: 4.554 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 91 Resp: 224107
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

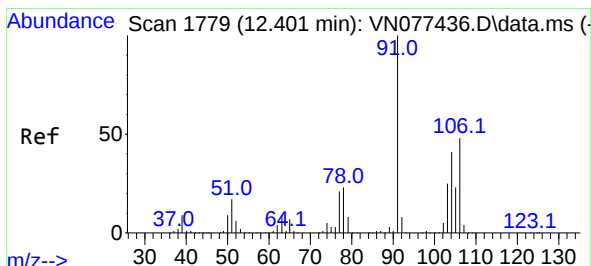
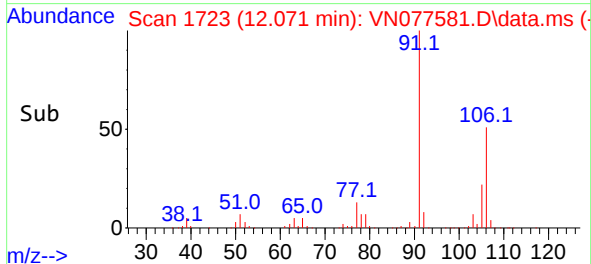
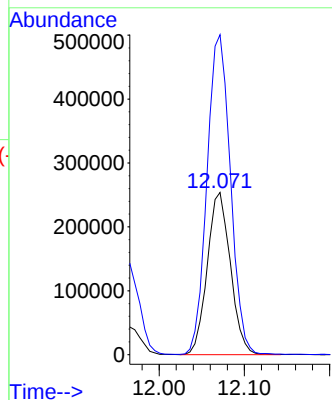
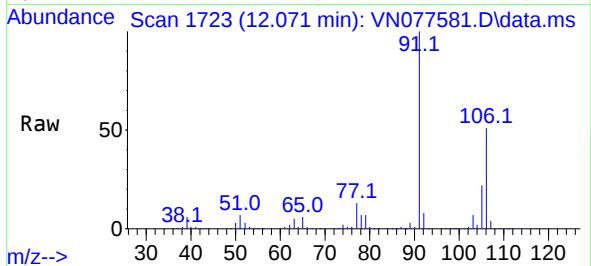




#68
m/p-Xylenes
Concen: 25.051 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

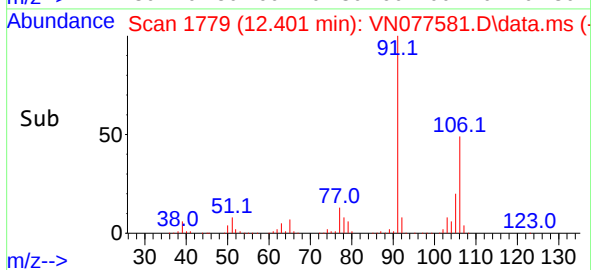
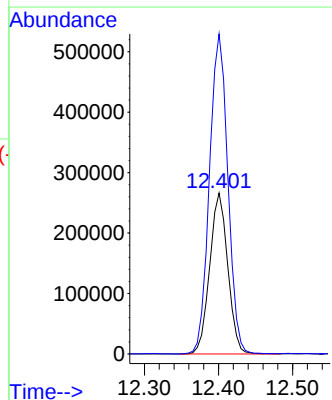
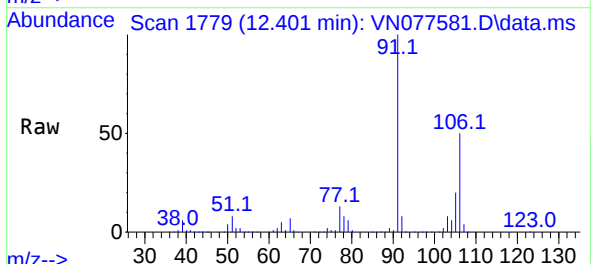
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

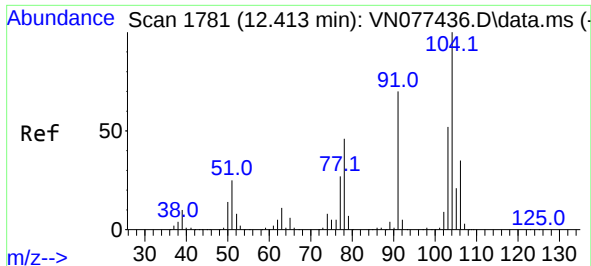
Tgt Ion:106 Resp: 479141
Ion Ratio Lower Upper
106 100
91 199.8 159.6 239.4



#69
o-Xylene
Concen: 23.962 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion:106 Resp: 450802
Ion Ratio Lower Upper
106 100
91 202.6 105.2 315.5

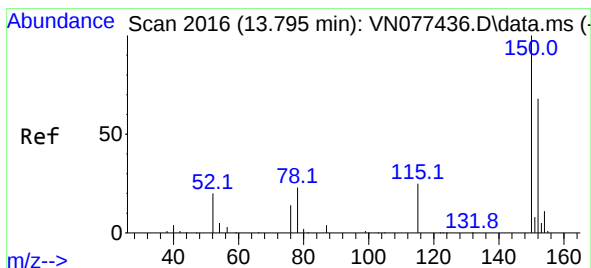
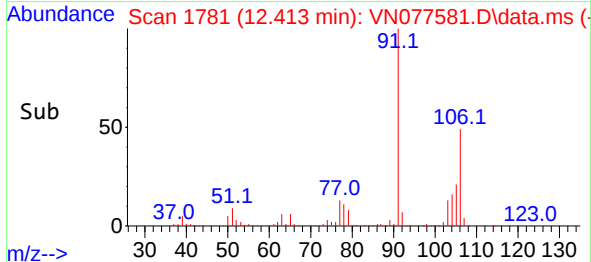
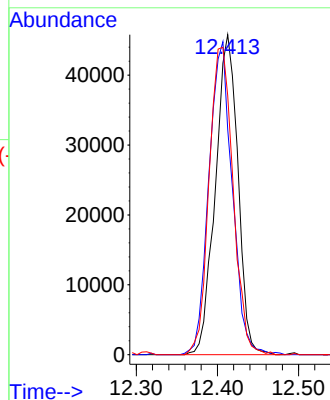
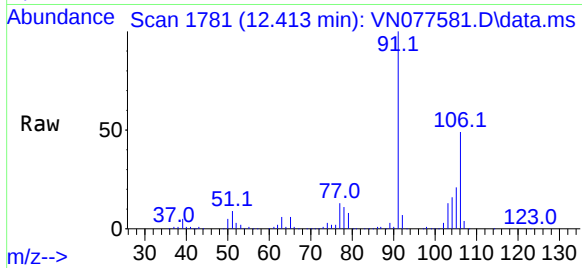




#70
Styrene
Concen: 3.000 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

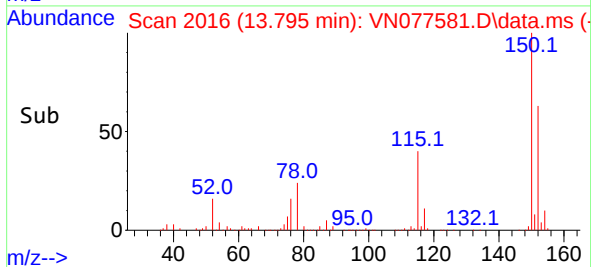
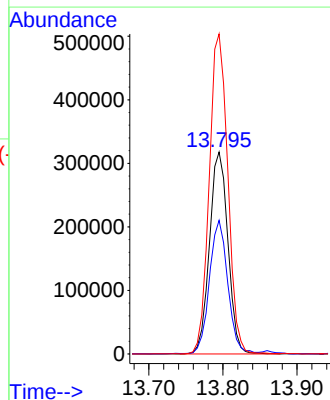
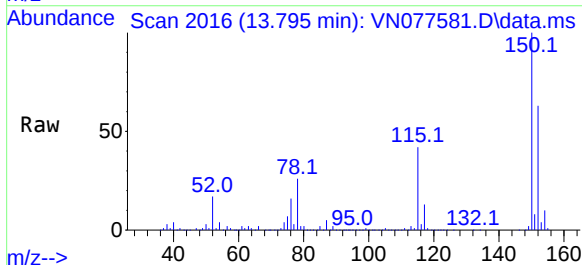
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

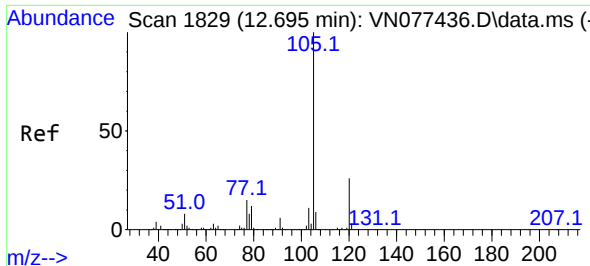
Tgt Ion:104 Resp: 88251
Ion Ratio Lower Upper
104 100
78 100.8 39.5 59.3#
103 102.2 43.2 64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion:152 Resp: 549331
Ion Ratio Lower Upper
152 100
115 66.4 32.3 96.8
150 159.8 0.0 355.8

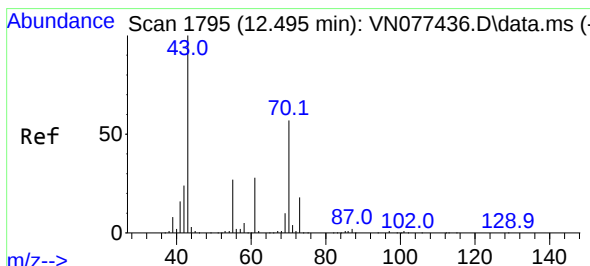
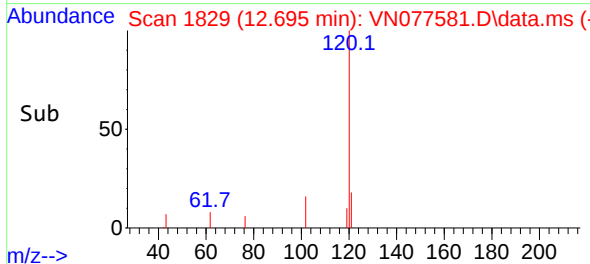
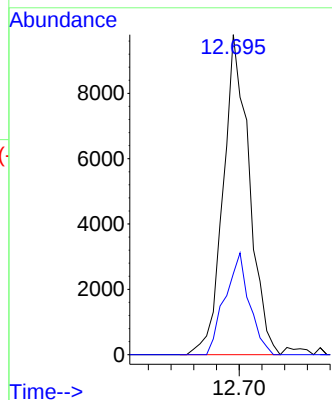
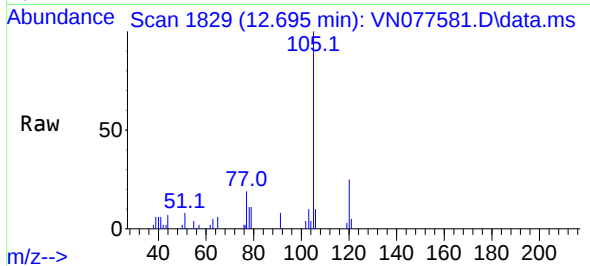




#73
Isopropylbenzene
Concen: 0.306 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

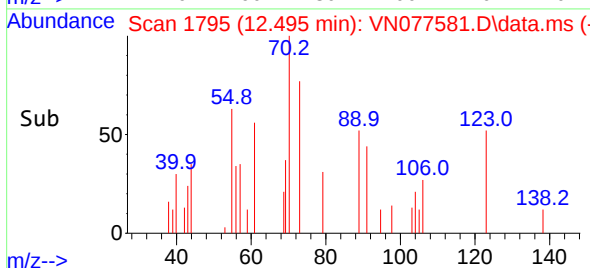
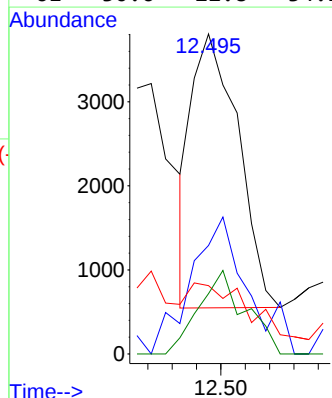
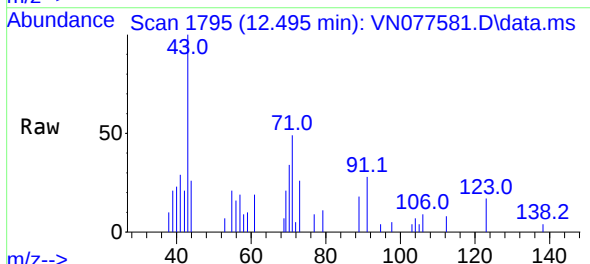
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

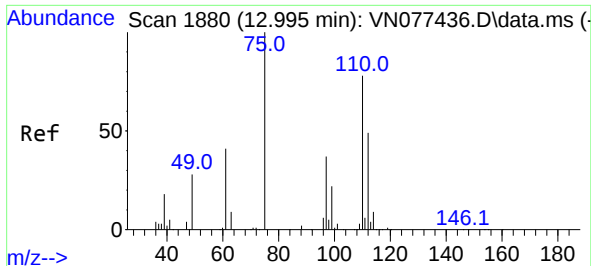
Tgt Ion:105 Resp: 15579
Ion Ratio Lower Upper
105 100
120 29.8 13.1 39.1



#74
N-ethyl acetate
Concen: 0.284 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 43 Resp: 4291
Ion Ratio Lower Upper
43 100
70 62.9 43.4 65.2
55 25.2 21.4 32.0
61 30.6 22.8 34.2

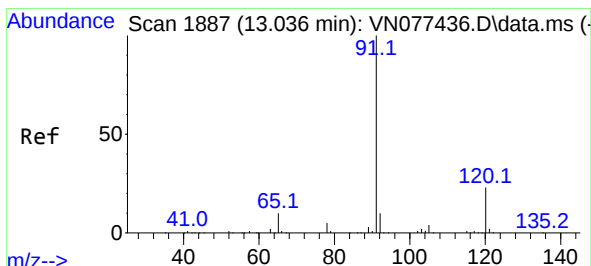
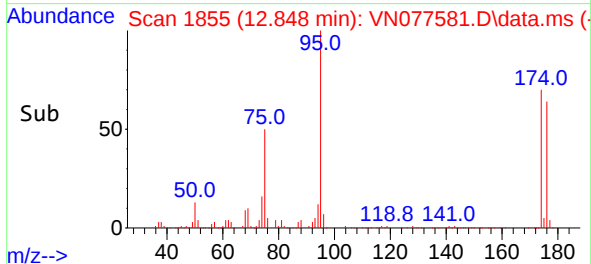
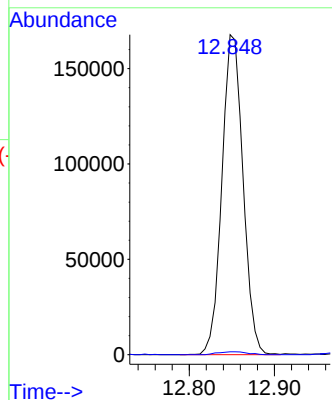
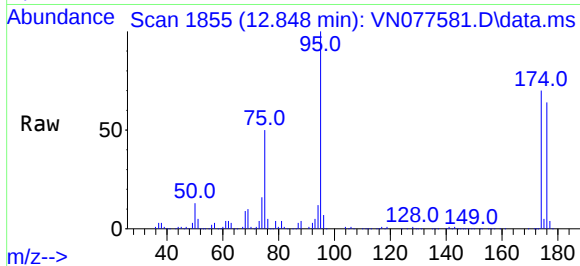




#76
1,2,3-Trichloropropane
Concen: 22.656 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

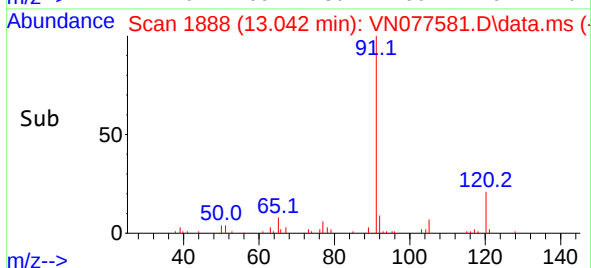
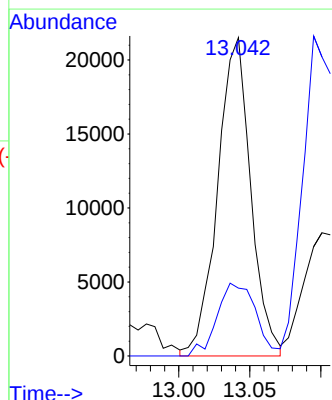
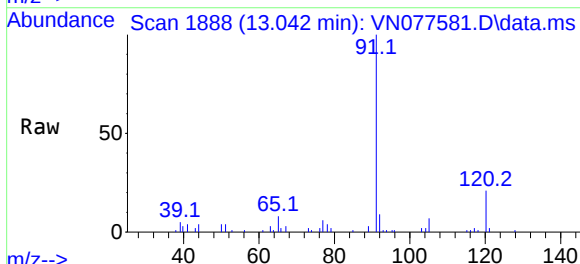
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

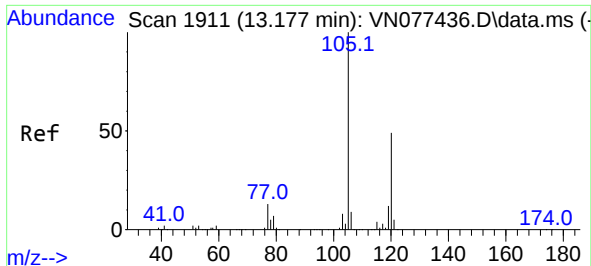
Tgt Ion: 75 Resp: 289411
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#78
n-propylbenzene
Concen: 0.619 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 91 Resp: 34916
Ion Ratio Lower Upper
91 100
120 26.8 11.5 34.4

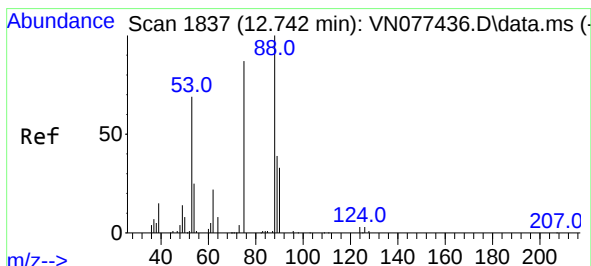
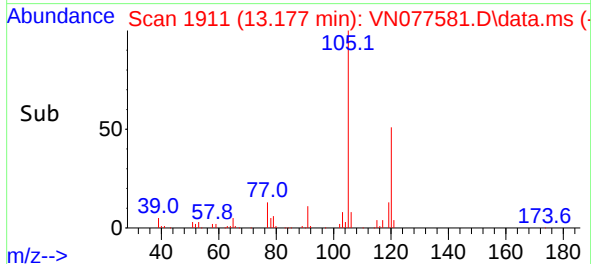
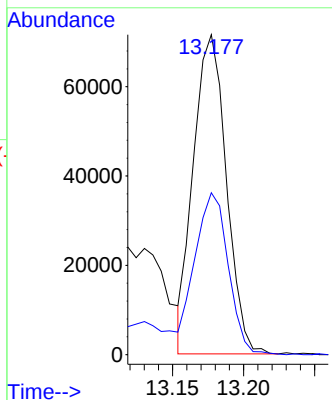
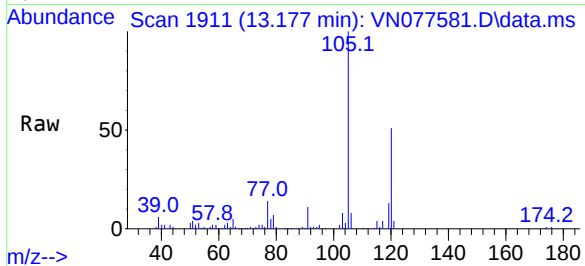




#80
1,3,5-Trimethylbenzene
Concen: 3.036 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

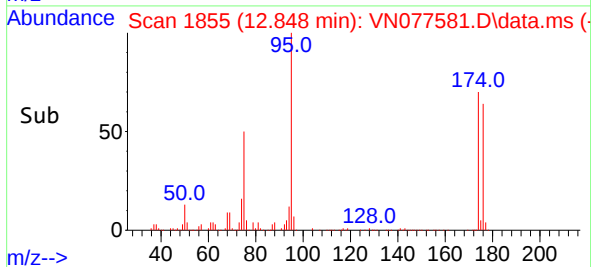
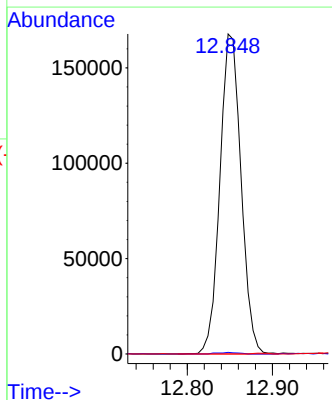
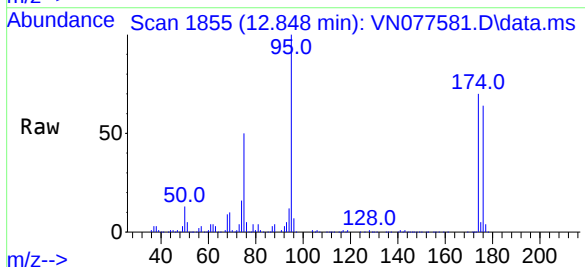
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

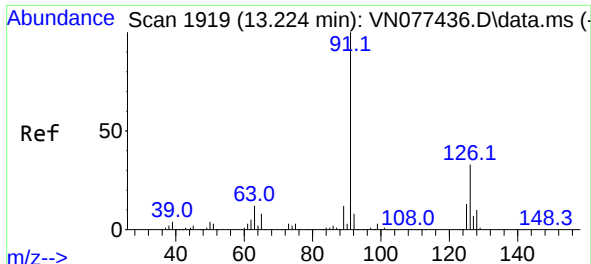
Tgt Ion:105 Resp: 114947
Ion Ratio Lower Upper
105 100
120 54.8 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 64.007 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.106 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 75 Resp: 289411
Ion Ratio Lower Upper
75 100
53 0.5 67.4 101.2#
89 0.0 38.8 58.2#

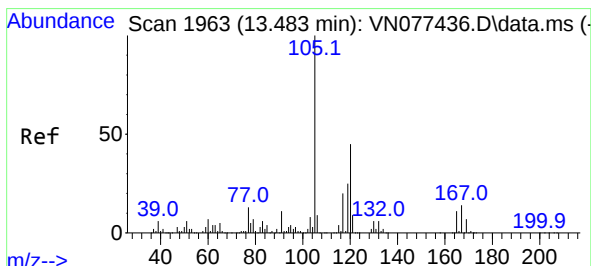
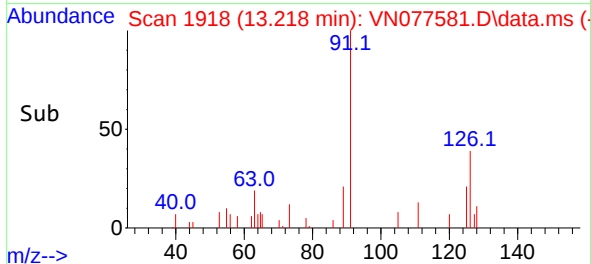
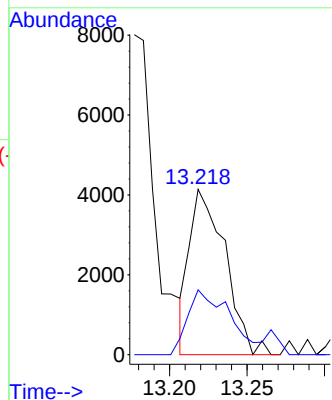
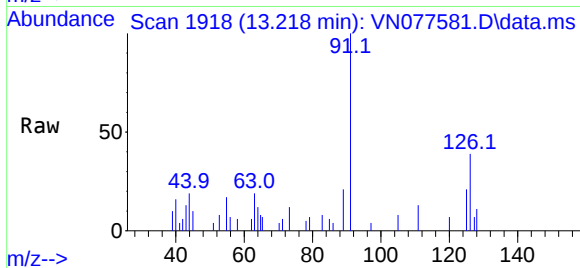




#82
4-Chlorotoluene
Concen: 0.203 ug/l
RT: 13.218 min Scan# 1918
Delta R.T. -0.006 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

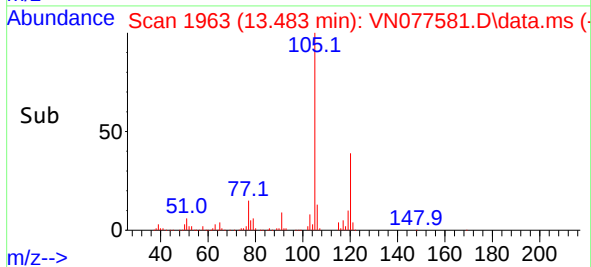
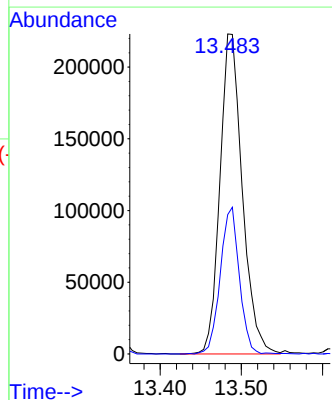
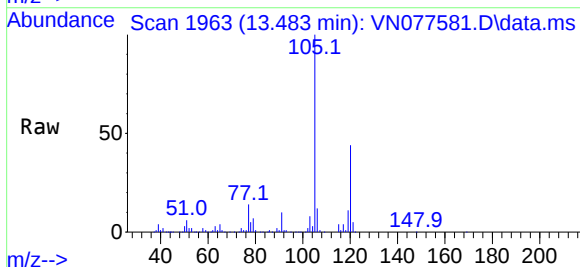
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

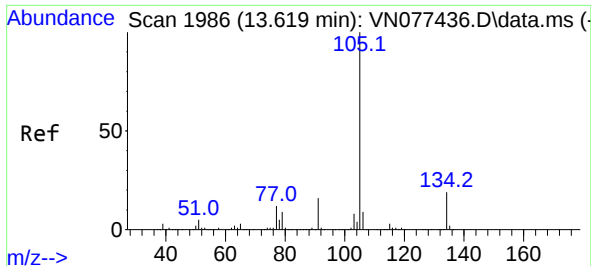
Tgt Ion: 91 Resp: 6606
Ion Ratio Lower Upper
91 100
126 45.6 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 12.101 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 105 Resp: 427807
Ion Ratio Lower Upper
105 100
120 39.1 22.0 66.0

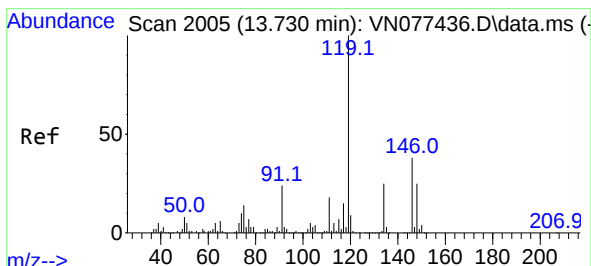
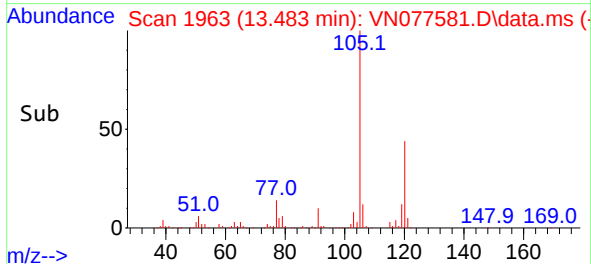
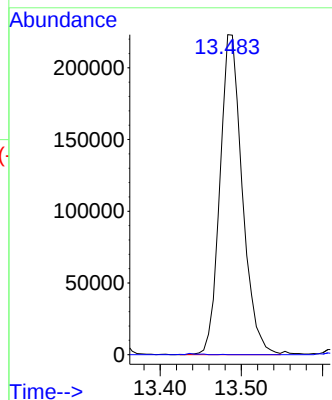
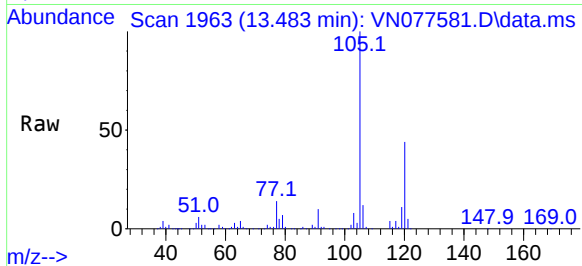




#85
sec-Butylbenzene
Concen: 8.478 ug/l
RT: 13.483 min Scan# 1986
Delta R.T. -0.135 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

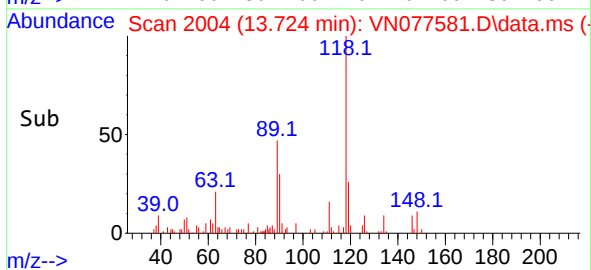
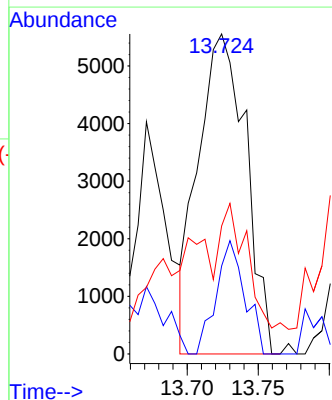
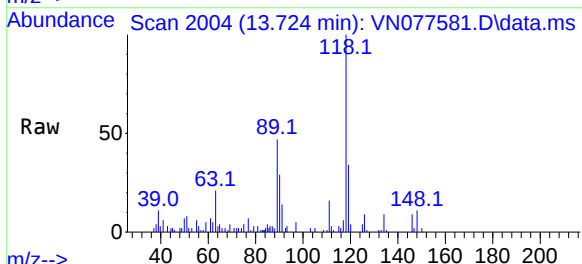
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

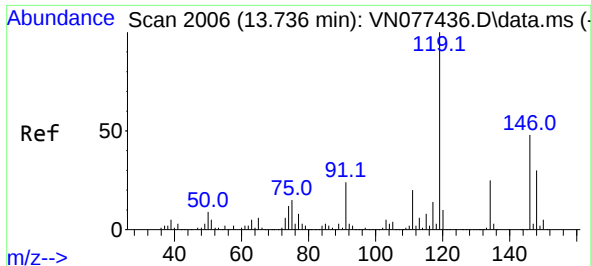
Tgt Ion:105 Resp: 427807
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#



#86
p-Isopropyltoluene
Concen: 0.334 ug/l
RT: 13.724 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion:119 Resp: 12966
Ion Ratio Lower Upper
119 100
134 21.3 12.6 37.8
91 21.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.260 ug/l

RT: 13.736 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077581.D

Acq: 04 May 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

AUD-1988

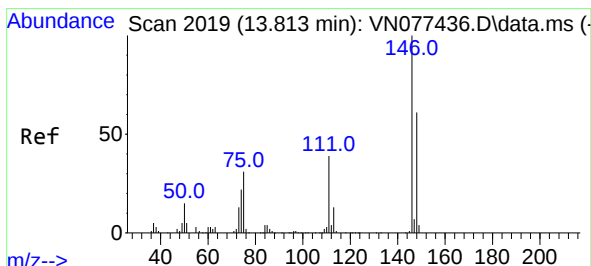
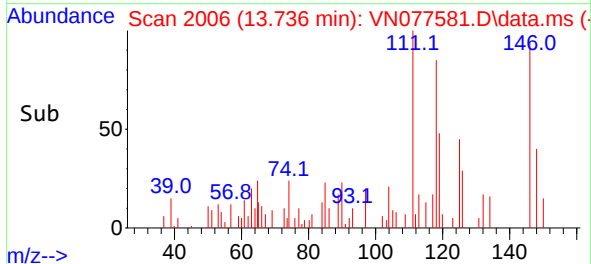
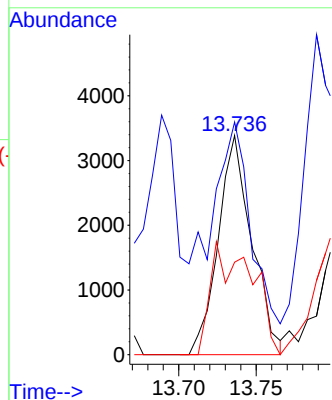
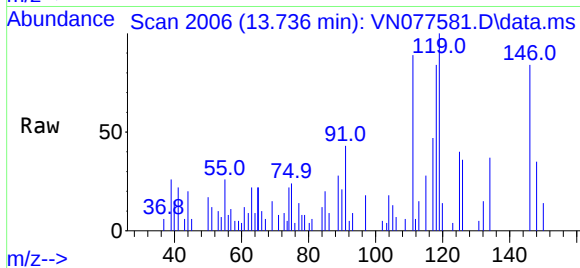
Tgt Ion:146 Resp: 5132

Ion Ratio Lower Upper

146 100

111 133.7 22.1 66.3#

148 63.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.429 ug/l

RT: 13.818 min Scan# 2020

Delta R.T. 0.006 min

Lab File: VN077581.D

Acq: 04 May 2023 16:12

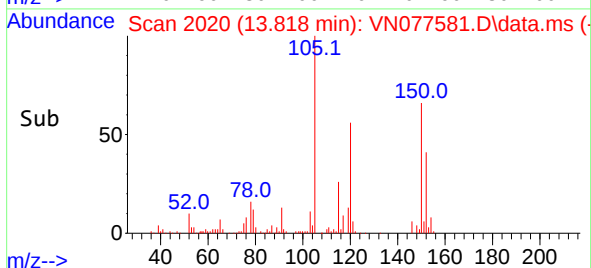
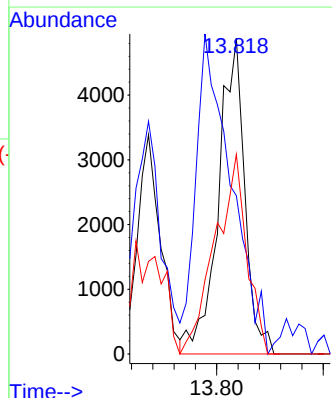
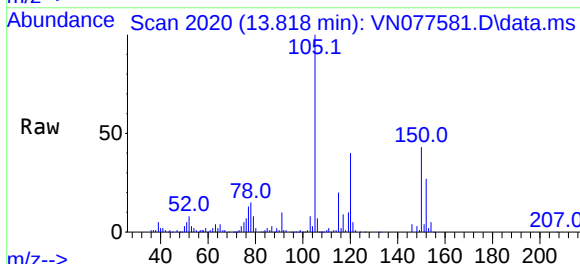
Tgt Ion:146 Resp: 8365

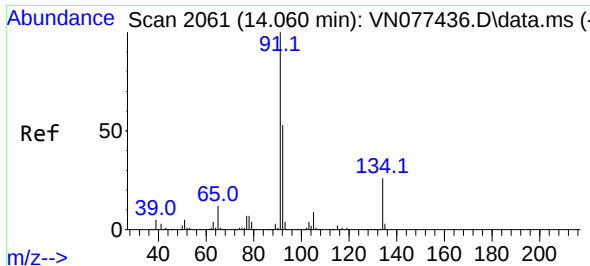
Ion Ratio Lower Upper

146 100

111 0.0 20.6 61.8#

148 76.0 31.6 94.8

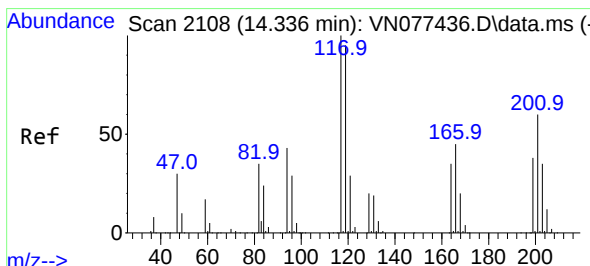
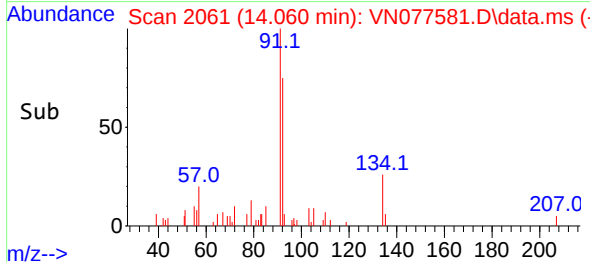
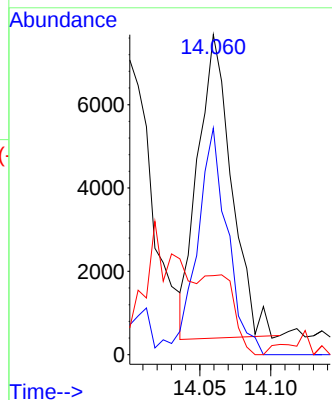
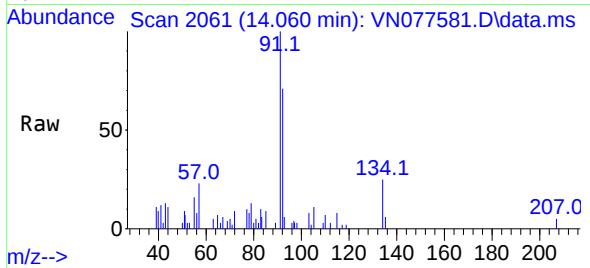




#89
n-Butylbenzene
Concen: 0.398 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

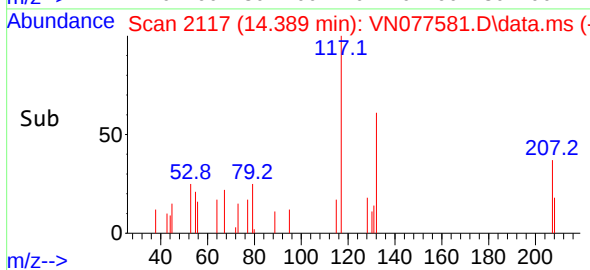
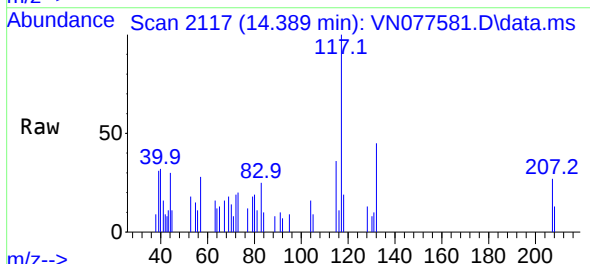
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

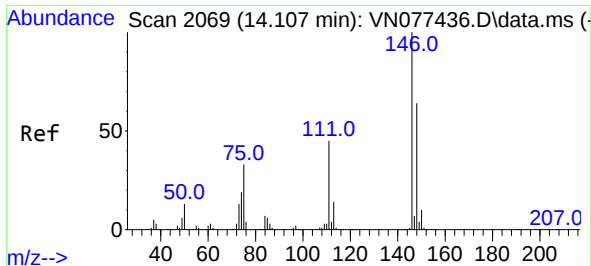
Tgt Ion: 91 Resp: 11952
Ion Ratio Lower Upper
91 100
92 66.5 26.4 79.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 0.546 ug/l
RT: 14.389 min Scan# 2117
Delta R.T. 0.053 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion: 117 Resp: 4682
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#





#91

1,2-Dichlorobenzene

Concen: 0.282 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077581.D

Acq: 04 May 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

AUD-1988

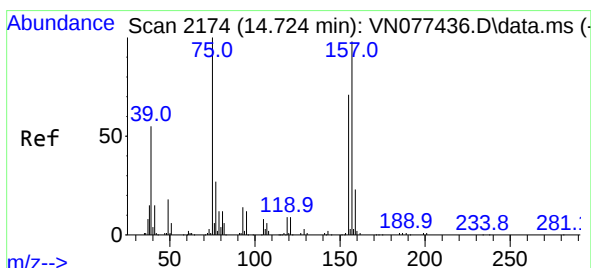
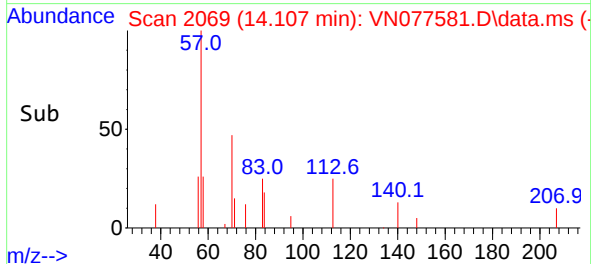
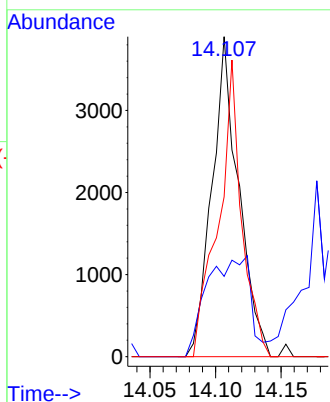
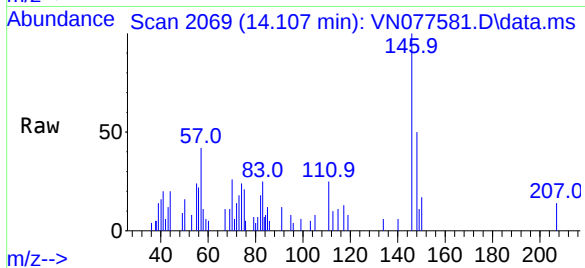
Tgt Ion:146 Resp: 5530

Ion Ratio Lower Upper

146 100

111 50.8 22.0 66.0

148 81.0 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.405 ug/l

RT: 14.718 min Scan# 2173

Delta R.T. -0.006 min

Lab File: VN077581.D

Acq: 04 May 2023 16:12

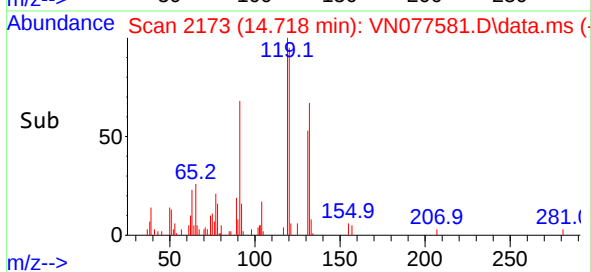
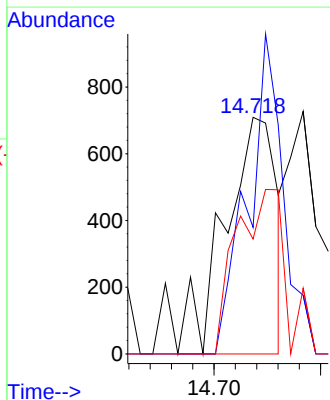
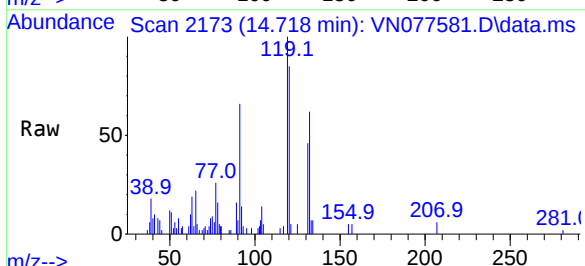
Tgt Ion: 75 Resp: 1199

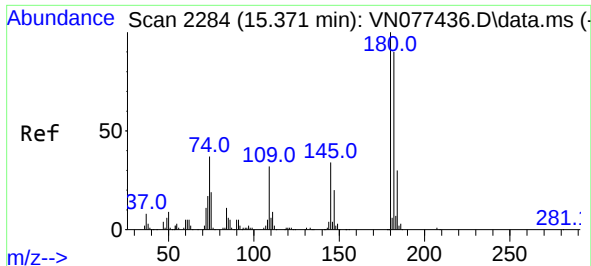
Ion Ratio Lower Upper

75 100

155 91.7 39.1 117.2

157 66.2 50.3 150.9

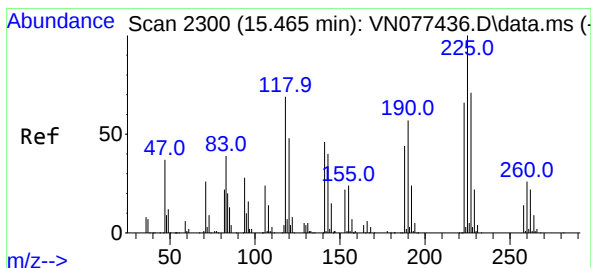
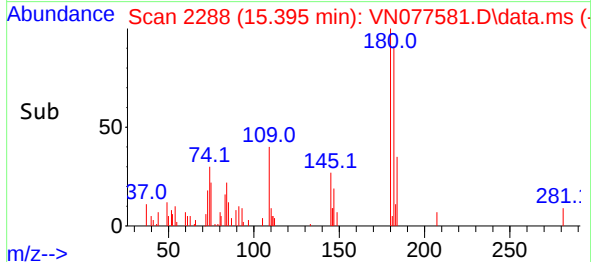
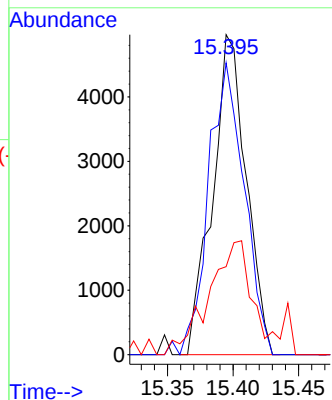
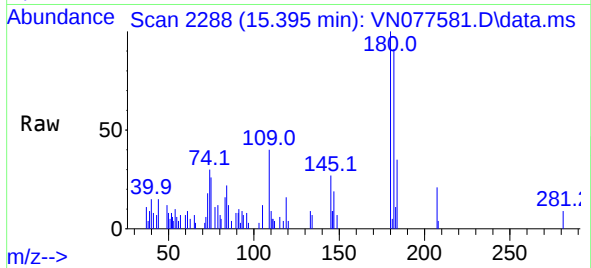




#93
1,2,4-Trichlorobenzene
Concen: 2.980 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.024 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

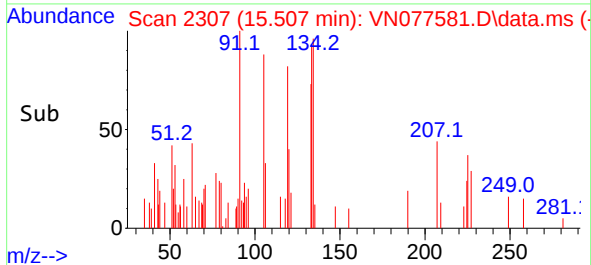
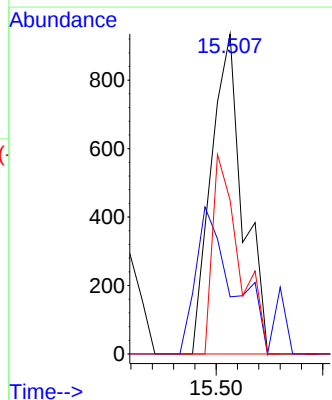
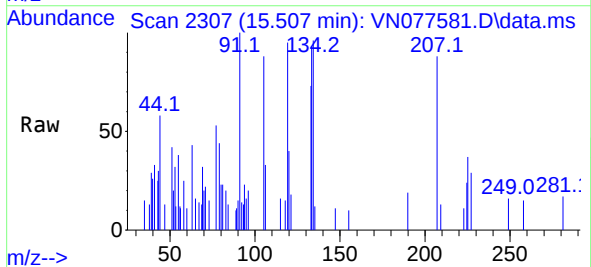
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

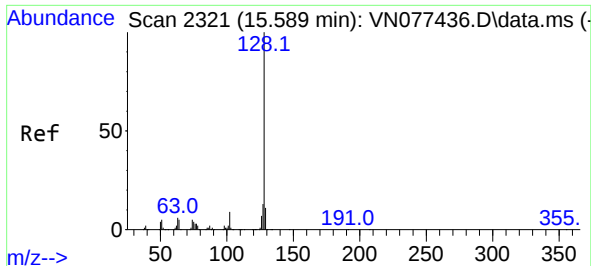
Tgt Ion:180 Resp: 8902
Ion Ratio Lower Upper
180 100
182 96.9 46.1 138.2
145 46.4 16.6 49.8



#94
Hexachlorobutadiene
Concen: 0.245 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.042 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion:225 Resp: 971
Ion Ratio Lower Upper
225 100
223 61.2 31.3 93.8
227 52.5 31.9 95.9

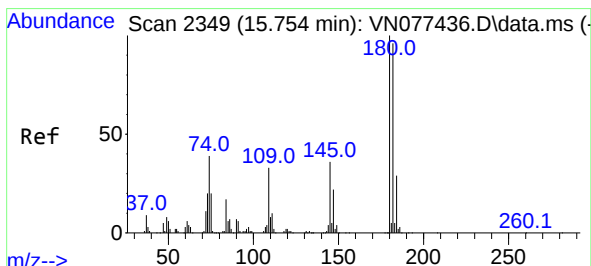
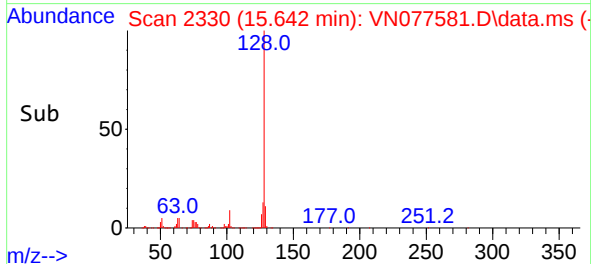
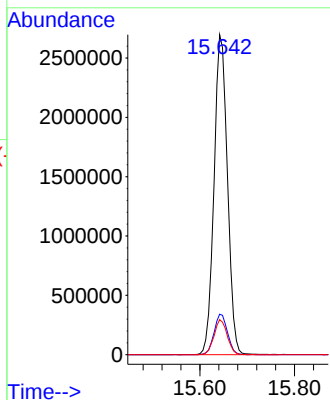
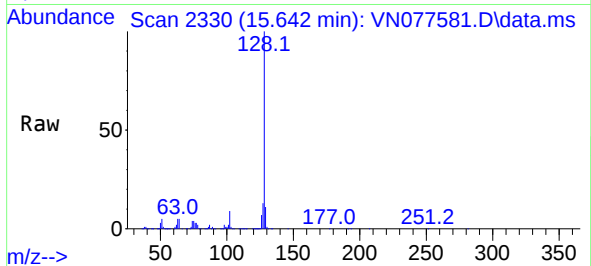




#95
Naphthalene
Concen: 131.001 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

Tgt Ion:128 Resp: 5297606
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.393 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.088 min
Lab File: VN077581.D
Acq: 04 May 2023 16:12

Tgt Ion:180 Resp: 10968
Ion Ratio Lower Upper
180 100
182 97.7 46.2 138.6
145 40.6 17.5 52.6

