

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077568.D
 Acq On : 03 May 2023 17:22
 Operator : JC\MD
 Sample : 02566-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1988

Quant Time: May 04 04:53:15 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	649707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1226642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1154703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	472197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	418090	49.315	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.640%
35) Dibromofluoromethane	8.172	113	373651	50.681	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.360%
50) Toluene-d8	10.566	98	1515599	53.638	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.280%
62) 4-Bromofluorobenzene	12.848	95	534497	57.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.640%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.384	85	67	0.317	ug/l #	43
5) Bromomethane	2.978	94	1622	0.216	ug/l #	33
8) Diethyl Ether	3.978	74	1439	0.311	ug/l	73
11) Tert butyl alcohol	5.531	59	9796	7.198	ug/l #	93
13) Acrolein	4.196	56	1412	1.043	ug/l #	58
16) Acetone	4.437	43	201350	74.652	ug/l	96
18) Methyl Acetate	5.043	43	12168	1.168	ug/l	99
20) Methylene Chloride	5.284	84	81068	9.478	ug/l	92
25) 2-Butanone	7.501	43	23337	6.100	ug/l	100
29) Tetrahydrofuran	7.843	42	539	0.225	ug/l #	75
31) Cyclohexane	8.231	56	16995	1.415	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	52911	4.968	ug/l #	49
37) Ethyl Acetate	7.572	43	94946	11.731	ug/l #	95
38) Carbon Tetrachloride	8.231	117	73360	6.242	ug/l #	14
40) Benzene	8.613	78	1942240	59.857	ug/l	98
41) Methacrylonitrile	7.872	41	1017	0.241	ug/l #	37
42) 1,2-Dichloroethane	8.613	62	15051	1.350	ug/l	77
43) Isopropyl Acetate	8.696	43	511359	36.520	ug/l #	86
48) Methyl methacrylate	9.660	41	16147	2.533	ug/l #	32
49) 1,4-Dioxane	9.701	88	63	0.394	ug/l #	30
51) 4-Methyl-2-Pentanone	10.448	43	47778	5.817	ug/l #	86
52) Toluene	10.631	92	1330254	62.580	ug/l	100
53) t-1,3-Dichloropropene	10.731	75	4166	0.345	ug/l #	78
54) cis-1,3-Dichloropropene	10.360	75	189962	14.447	ug/l #	59
55) 1,1,2-Trichloroethane	10.890	97	8306	0.972	ug/l #	18
57) 1,3-Dichloropropane	11.207	76	26040	1.913	ug/l #	42
59) 2-Hexanone	11.172	43	306052	51.266	ug/l #	19
67) Ethyl Benzene	11.966	91	206495	4.801	ug/l	96
68) m/p-Xylenes	12.072	106	445357	26.640	ug/l	99
69) o-Xylene	12.401	106	409634	24.911	ug/l	99
70) Styrene	12.413	104	79202	3.080	ug/l #	23
73) Isopropylbenzene	12.695	105	13041	0.298	ug/l	93
74) N-amyl acetate	12.466	43	3508	0.270	ug/l #	51
76) 1,2,3-Trichloropropane	12.848	75	271145	24.693	ug/l #	1
78) n-propylbenzene	13.036	91	26699	0.551	ug/l	98
79) 2-Chlorotoluene	13.101	91	14019	0.469	ug/l #	44

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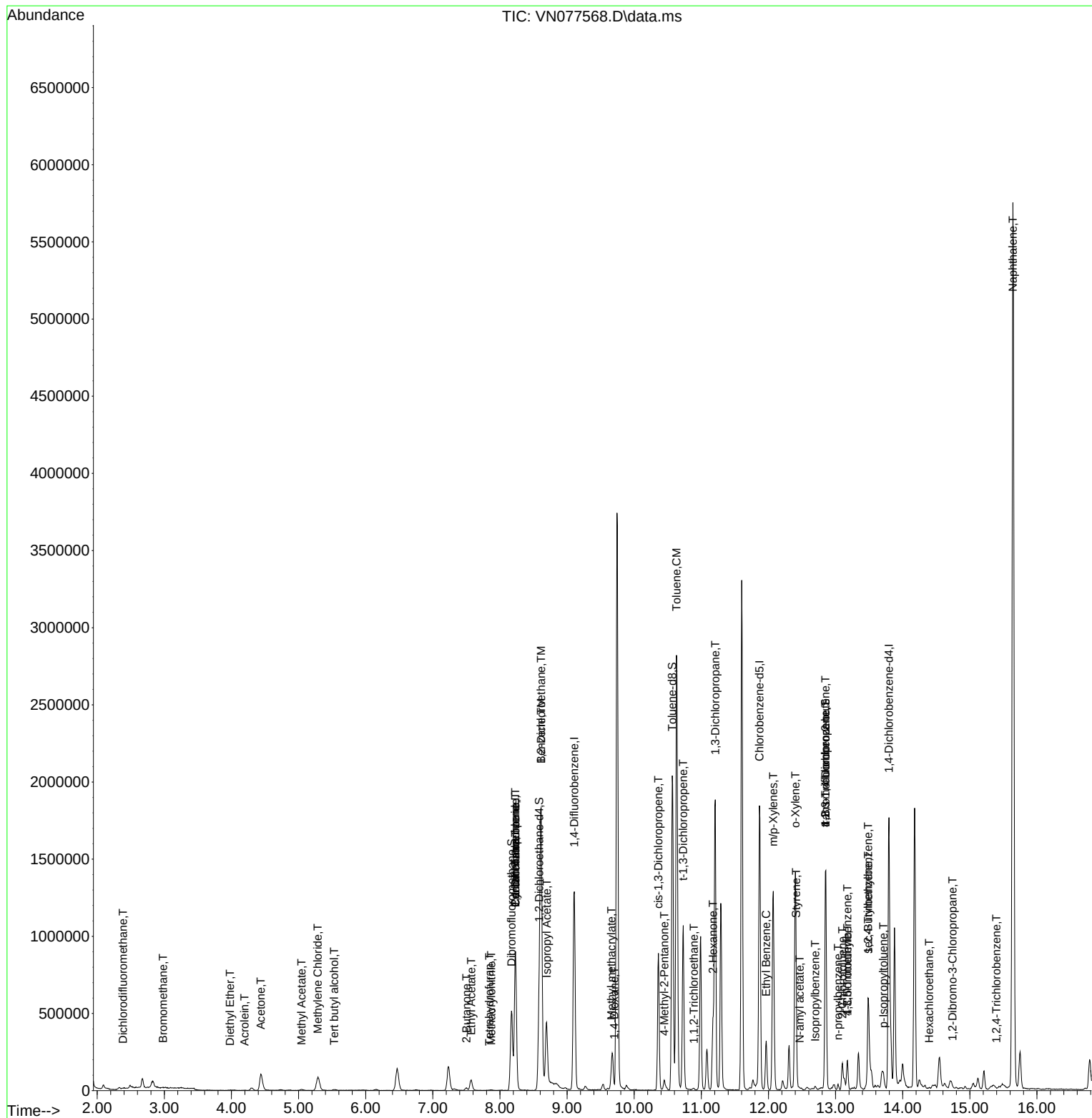
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	13.178	105	103419	3.178	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.848	75	271145	69.763	ug/l #	15
82) 4-Chlorotoluene	13.178	91	11899	0.426	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.483	105	407862	13.421	ug/l	90
85) sec-Butylbenzene	13.483	105	407862	9.403	ug/l #	57
86) p-Isopropyltoluene	13.713	119	7949	0.238	ug/l #	73
90) Hexachloroethane	14.395	117	3500	0.475	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.742	75	1125	0.442	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.395	180	176	0.849	ug/l #	34
95) Naphthalene	15.642	128	5599611	148.285	ug/l	100

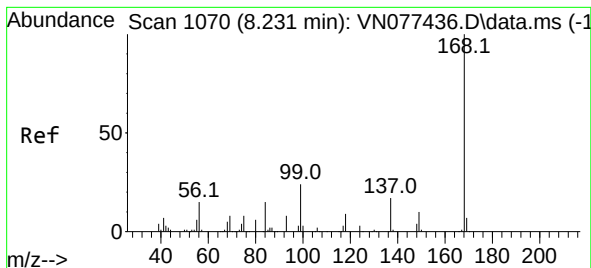
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

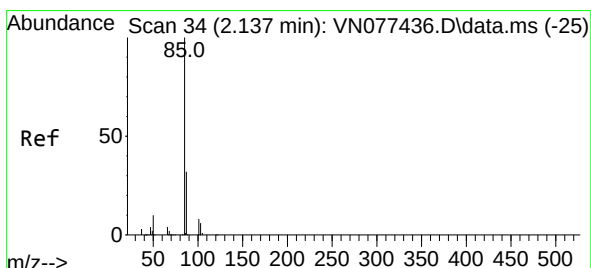
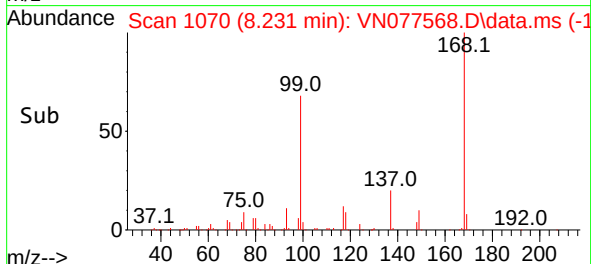
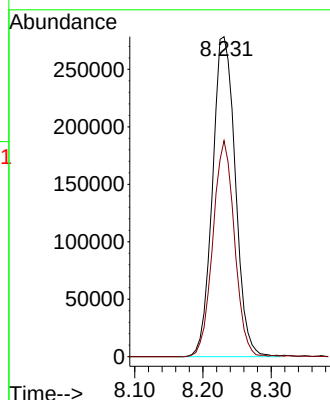
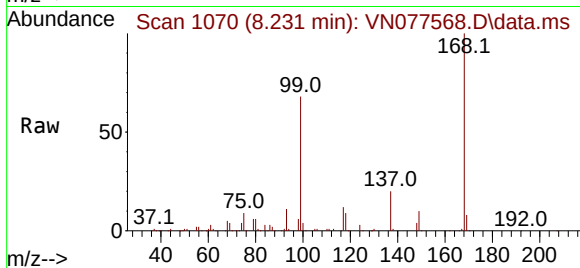
AUD-1988

Tgt Ion:168 Resp: 649707

Ion Ratio Lower Upper

168 100

99 67.5 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.317 ug/l

RT: 2.384 min Scan# 76

Delta R.T. 0.247 min

Lab File: VN077568.D

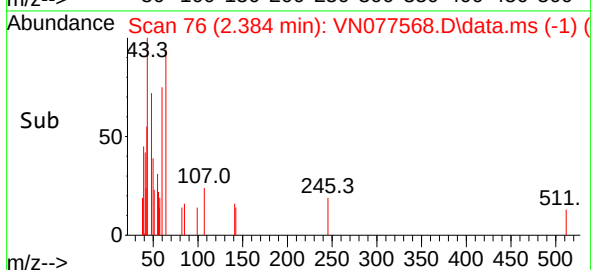
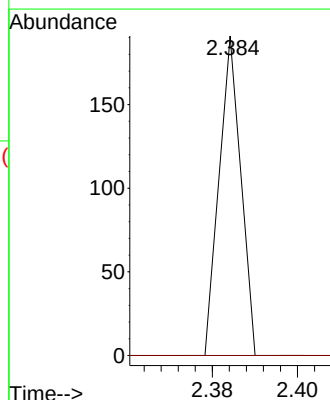
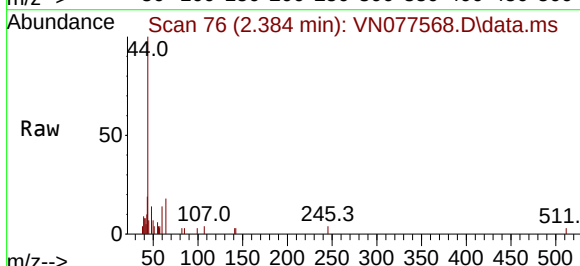
Acq: 03 May 2023 17:22

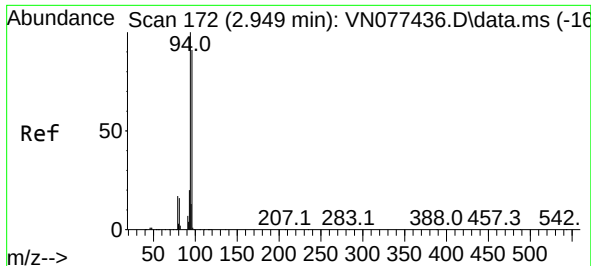
Tgt Ion: 85 Resp: 67

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#

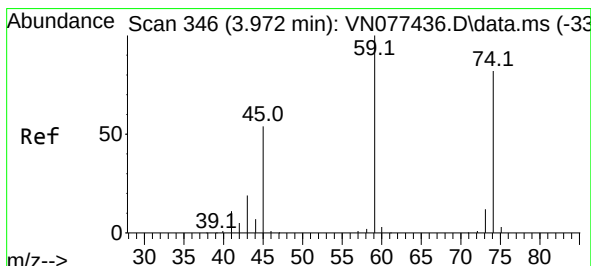
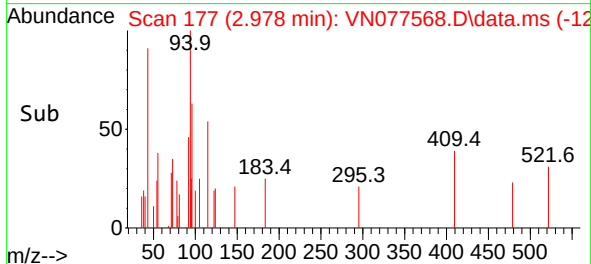
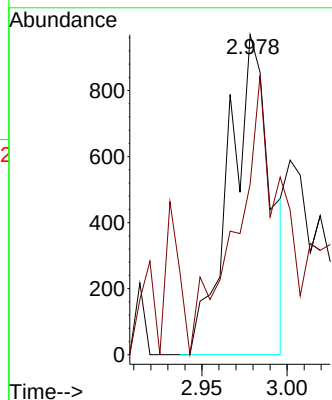
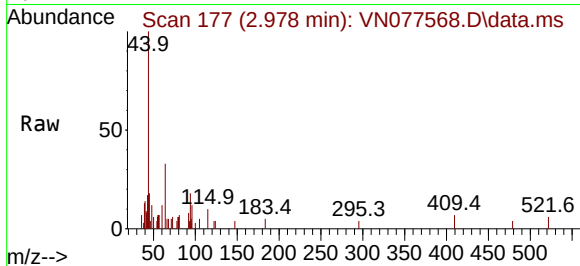




#5
Bromomethane
Concen: 0.216 ug/l
RT: 2.978 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

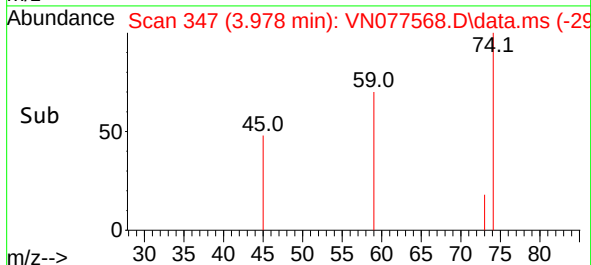
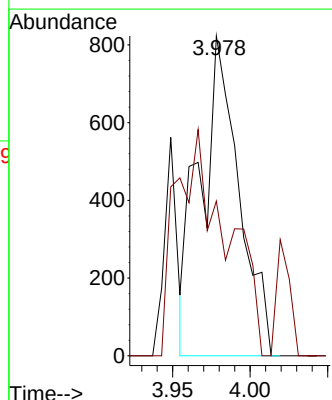
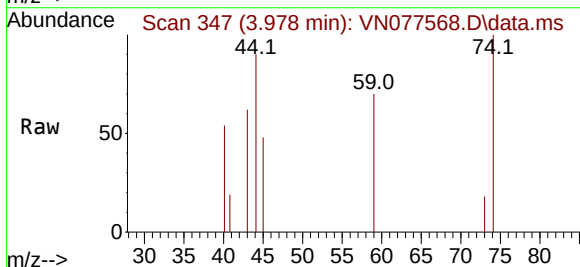
Instrument :
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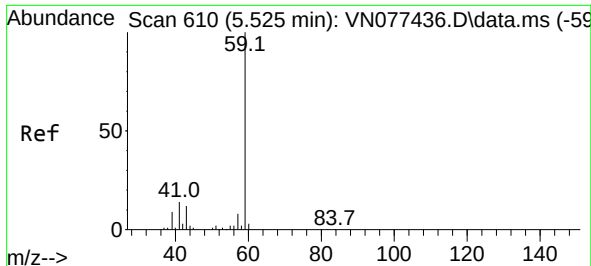
Tgt Ion: 94 Resp: 1622
Ion Ratio Lower Upper
94 100
96 27.3 73.1 109.7#



#8
Diethyl Ether
Concen: 0.311 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion: 74 Resp: 1439
Ion Ratio Lower Upper
74 100
45 91.2 34.4 103.3

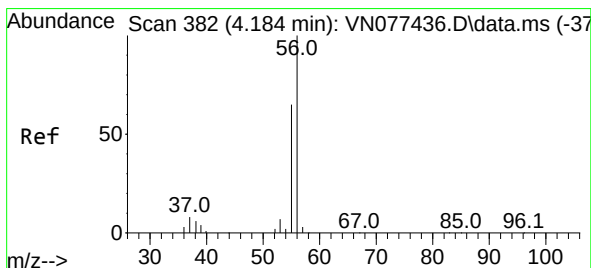
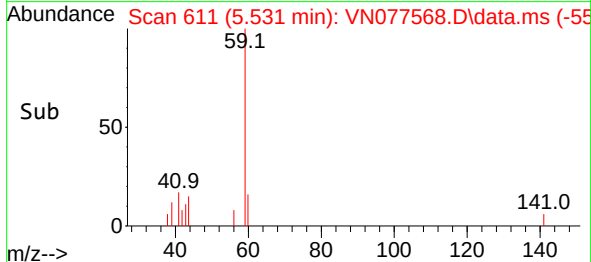
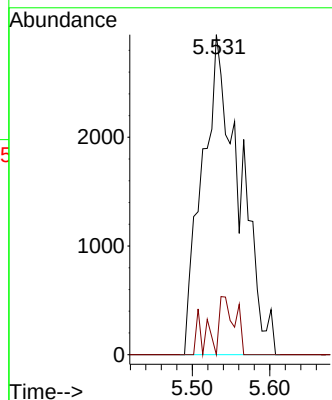
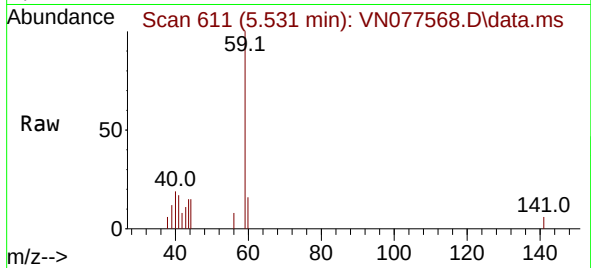




#11
Tert butyl alcohol
Concen: 7.198 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

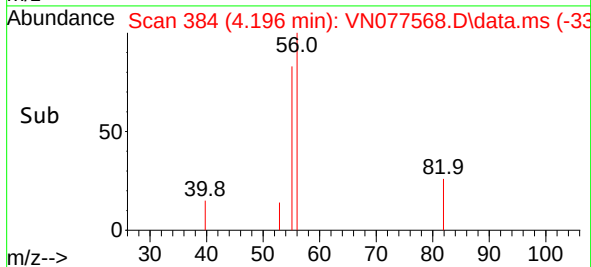
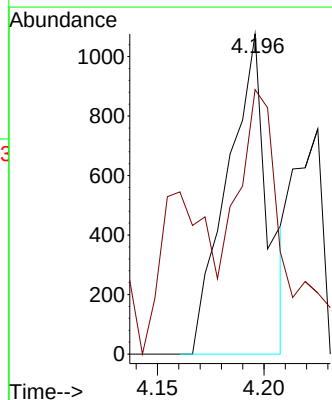
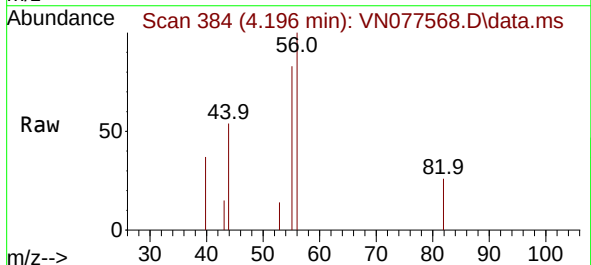
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

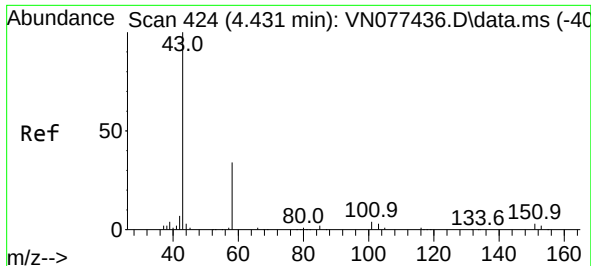
Tgt Ion: 59 Resp: 9796
Ion Ratio Lower Upper
59 100
57 7.6 8.2 12.4#



#13
Acrolein
Concen: 1.043 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion: 56 Resp: 1412
Ion Ratio Lower Upper
56 100
55 102.4 54.5 81.7#

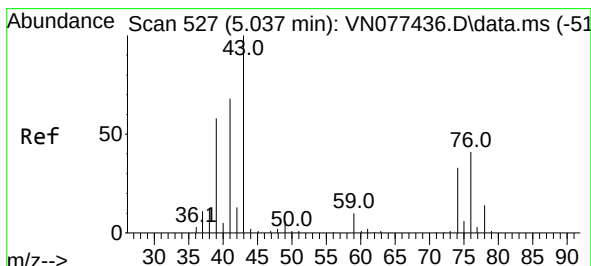
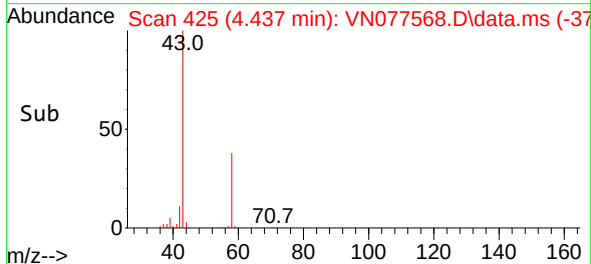
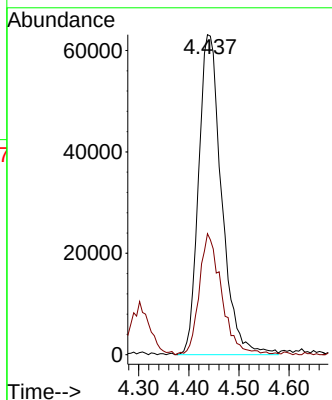
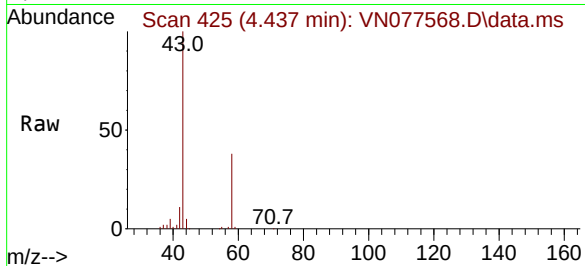




#16
Acetone
Concen: 74.652 ug/l
RT: 4.437 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

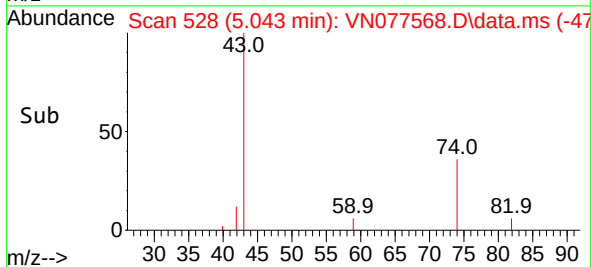
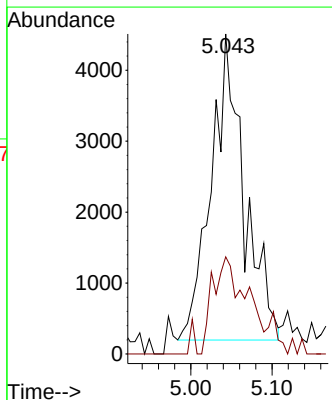
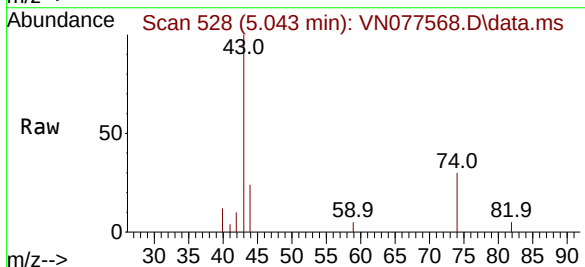
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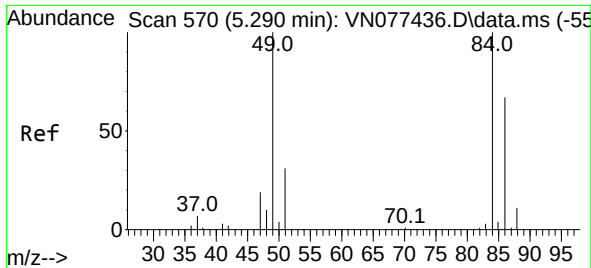
Tgt Ion: 43 Resp: 201350
Ion Ratio Lower Upper
43 100
58 37.5 28.0 42.0



#18
Methyl Acetate
Concen: 1.168 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion: 43 Resp: 12168
Ion Ratio Lower Upper
43 100
74 32.4 26.2 39.4

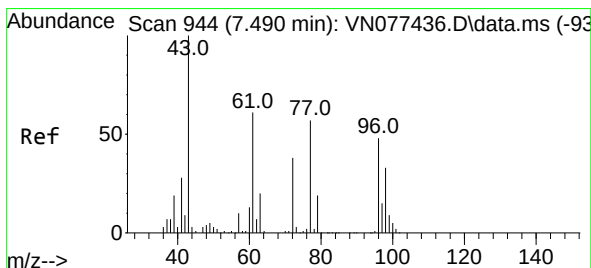
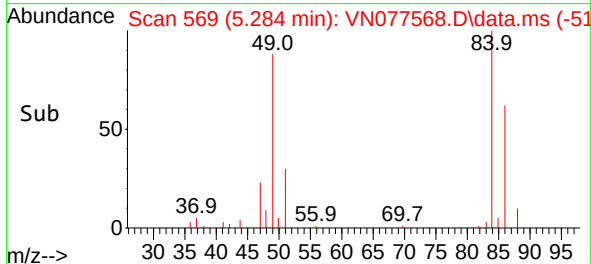
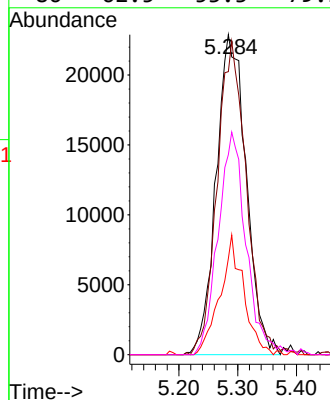
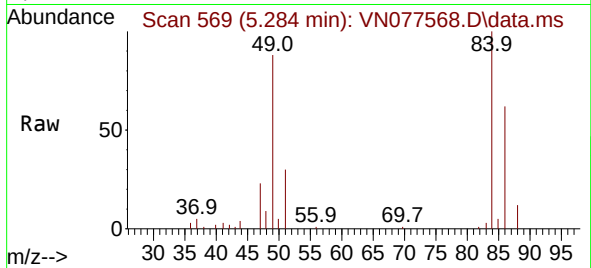




#20
Methylene Chloride
Concen: 9.478 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

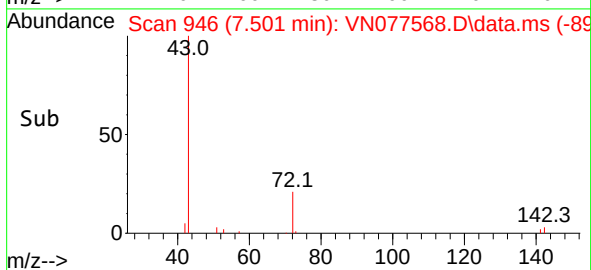
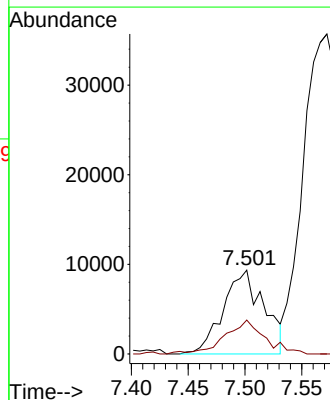
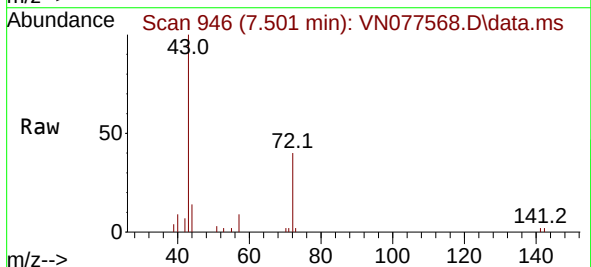
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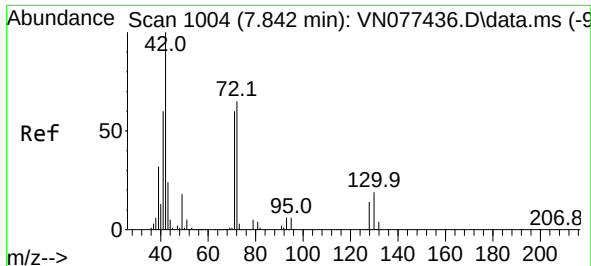
Tgt Ion: 84	Resp: 81068
Ion Ratio	Lower Upper
84 100	
49 88.5	79.7 119.5
51 30.1	25.2 37.8
86 62.5	53.3 79.9



#25
2-Butanone
Concen: 6.100 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion: 43	Resp: 23337
Ion Ratio	Lower Upper
43 100	
72 37.4	30.2 45.2





#29

Tetrahydrofuran

Concen: 0.225 ug/l

RT: 7.843 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

AUD-1988

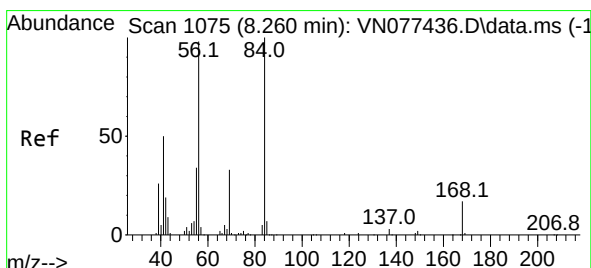
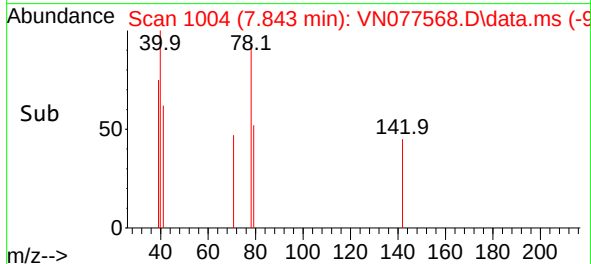
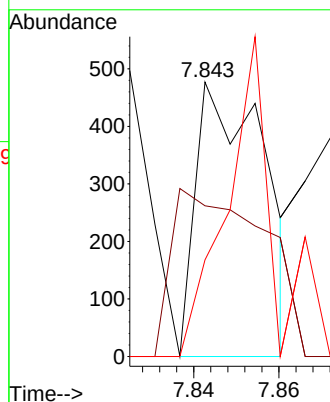
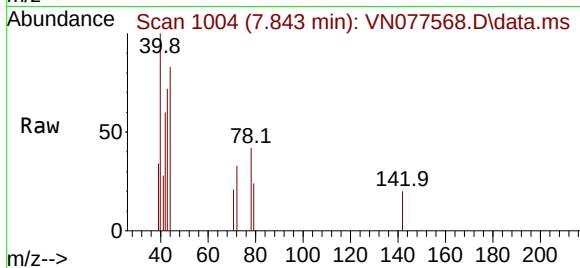
Tgt Ion: 42 Resp: 539

Ion Ratio Lower Upper

42 100

72 81.4 49.8 74.6#

71 77.7 47.4 71.2#



#31

Cyclohexane

Concen: 1.415 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.029 min

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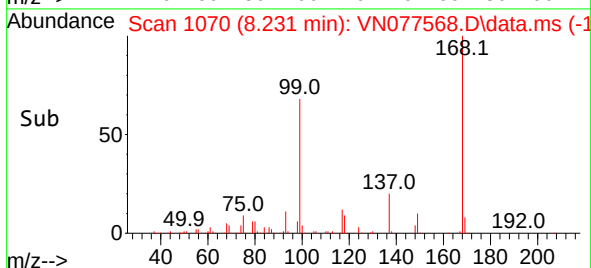
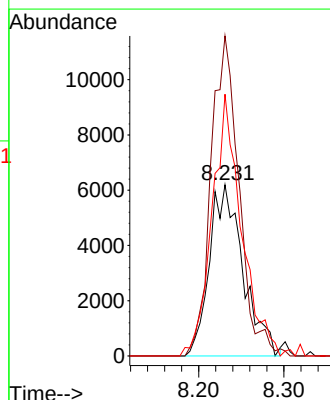
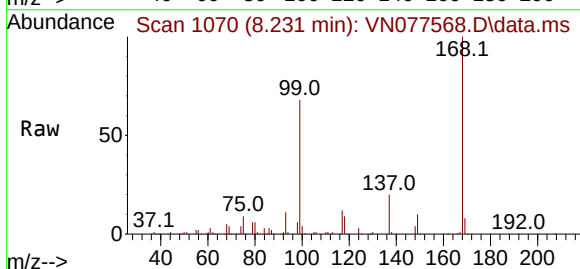
Tgt Ion: 56 Resp: 16995

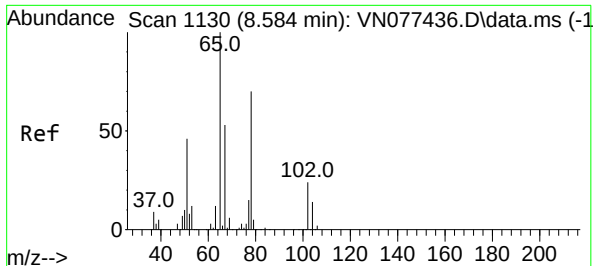
Ion Ratio Lower Upper

56 100

69 186.9 26.8 40.2#

84 152.9 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 49.315 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

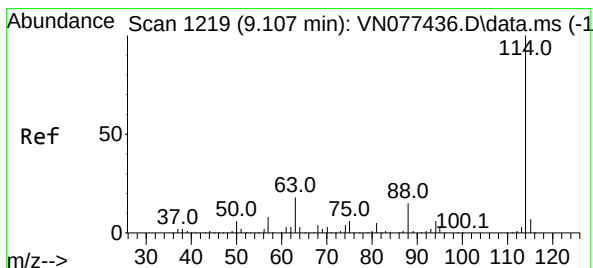
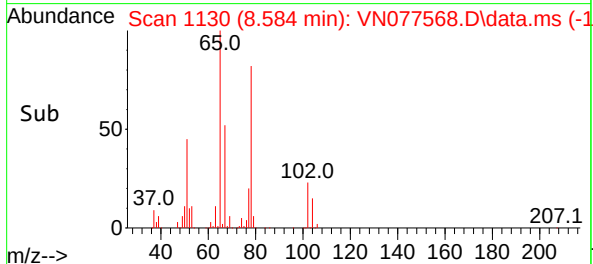
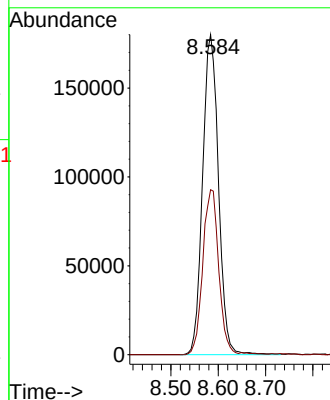
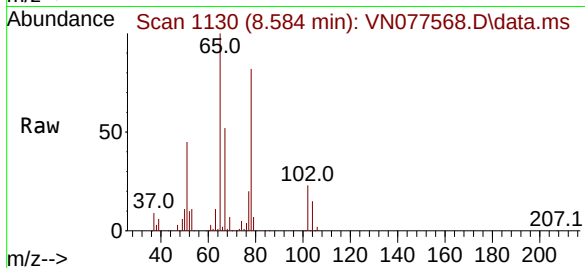
AUD-1988

Tgt Ion: 65 Resp: 418090

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

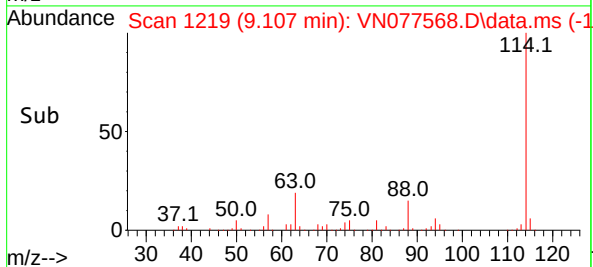
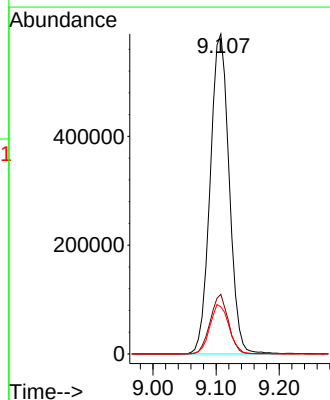
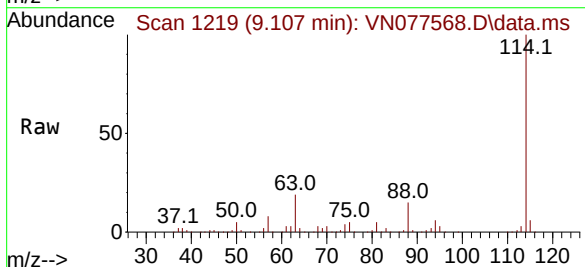
Tgt Ion: 114 Resp: 1226642

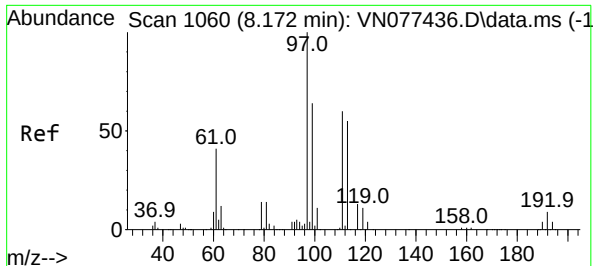
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.681 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

AUD-1988

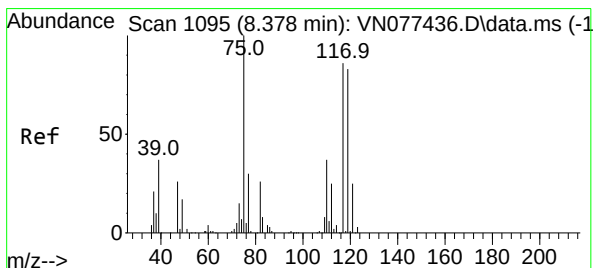
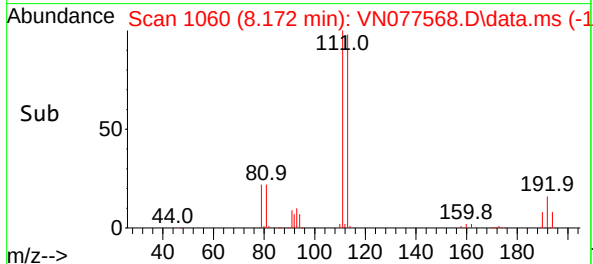
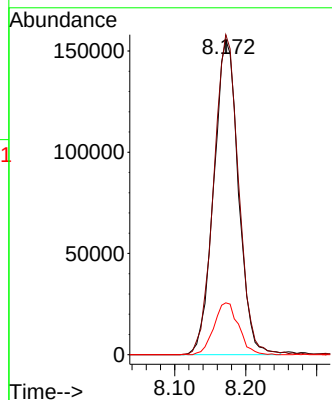
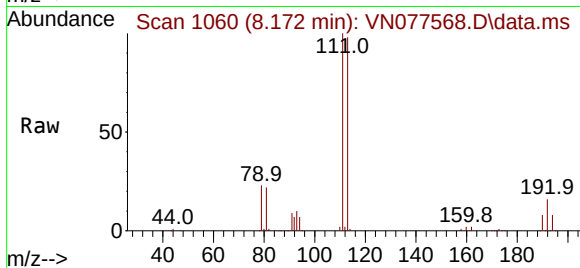
Tgt Ion:113 Resp: 373651

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 16.5 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.968 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.147 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

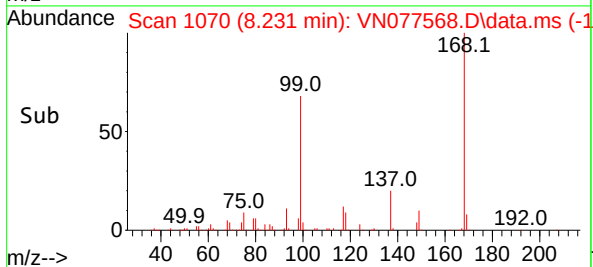
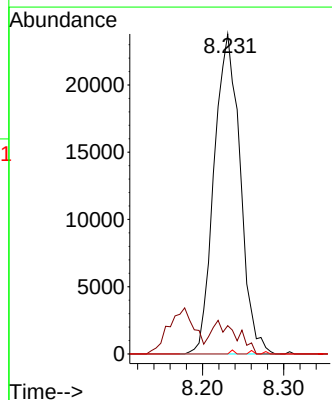
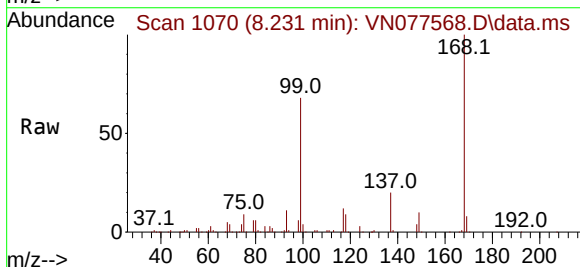
Tgt Ion: 75 Resp: 52911

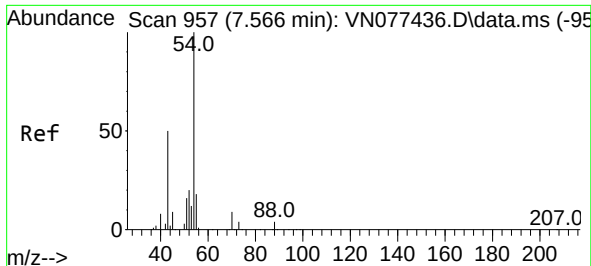
Ion Ratio Lower Upper

75 100

110 10.3 19.1 57.3#

77 0.0 25.0 37.4#

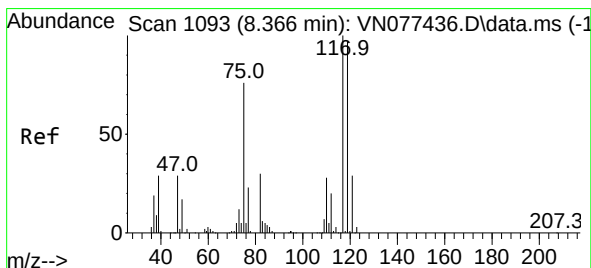
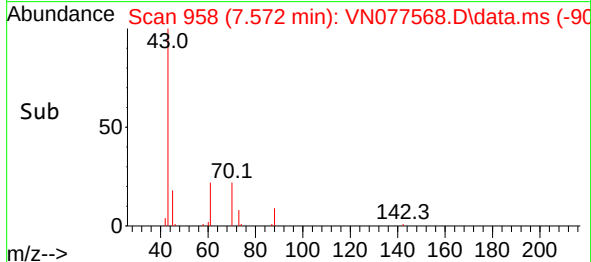
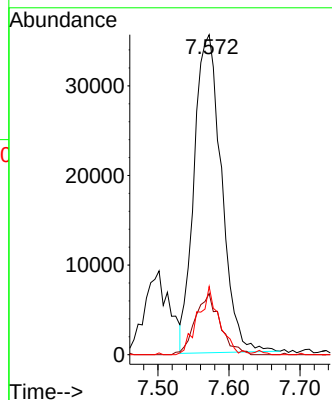
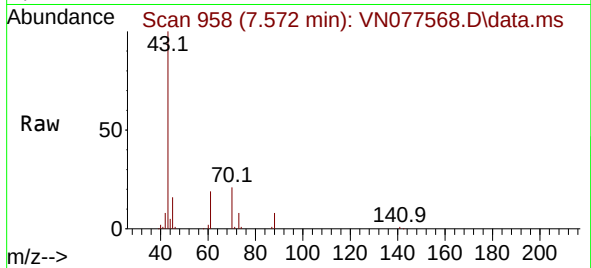




#37
Ethyl Acetate
Concen: 11.731 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

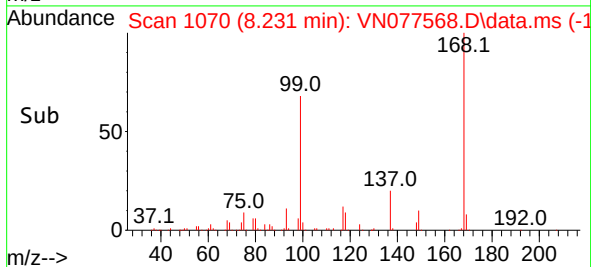
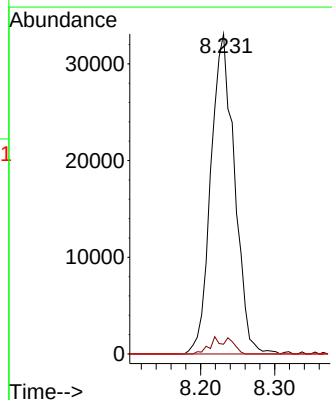
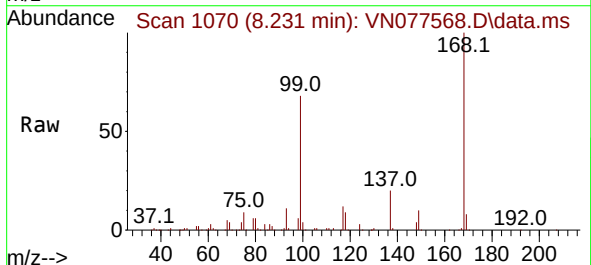
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

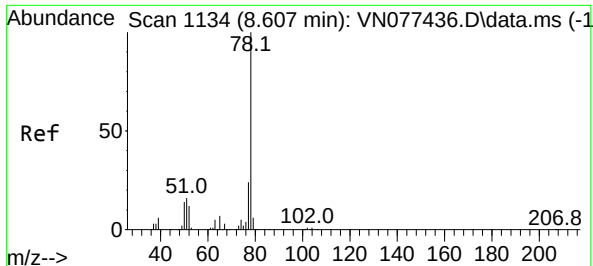
Tgt Ion: 43 Resp: 94946
Ion Ratio Lower Upper
43 100
61 17.6 13.2 19.8
70 17.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 6.242 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion: 117 Resp: 73360
Ion Ratio Lower Upper
117 100
119 3.1 77.3 115.9#
121 0.0 23.3 34.9#

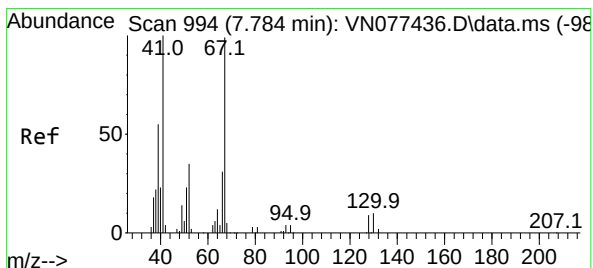
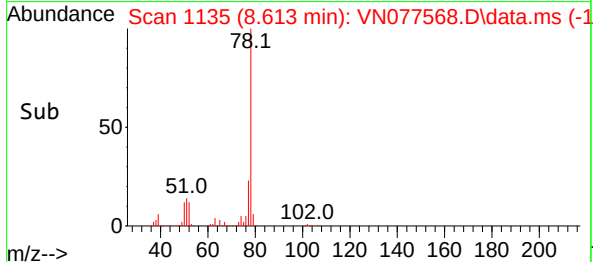
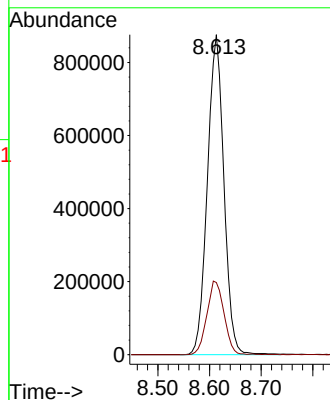
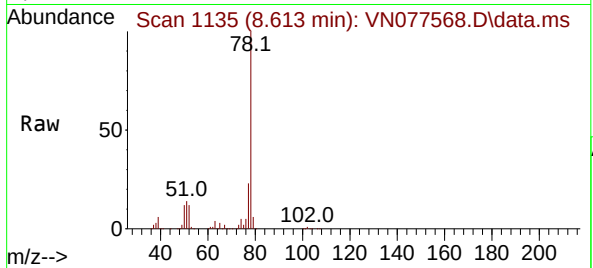




#40
Benzene
Concen: 59.857 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

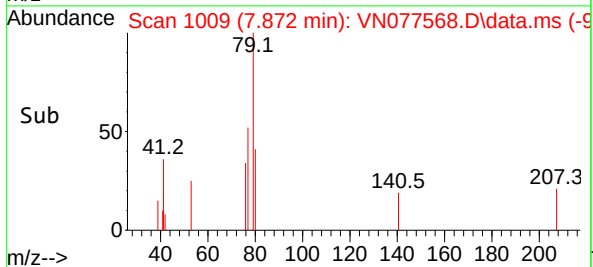
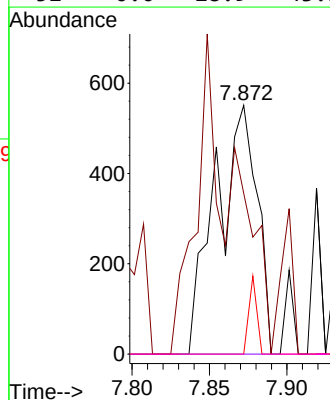
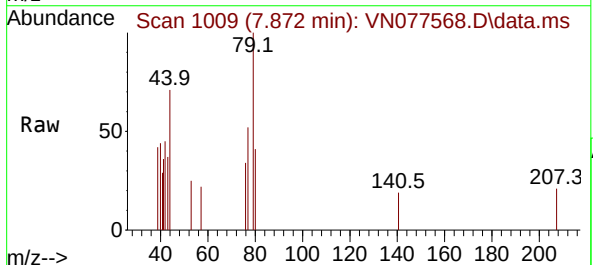
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

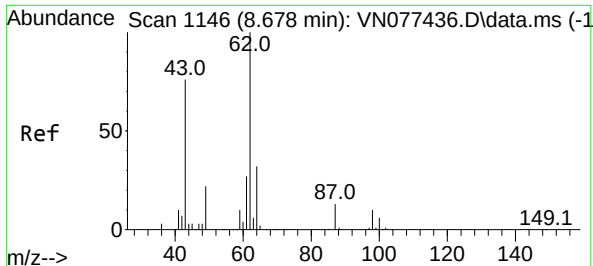
Tgt Ion: 78 Resp: 1942240
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.6



#41
Methacrylonitrile
Concen: 0.241 ug/l
RT: 7.872 min Scan# 1009
Delta R.T. 0.088 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion: 41 Resp: 1017
Ion Ratio Lower Upper
41 100
39 47.1 42.6 64.0
67 6.0 77.5 116.3#
52 0.0 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 1.350 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.064 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

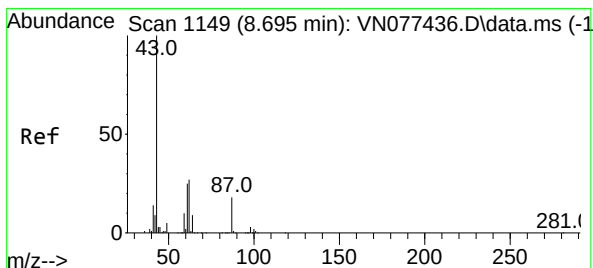
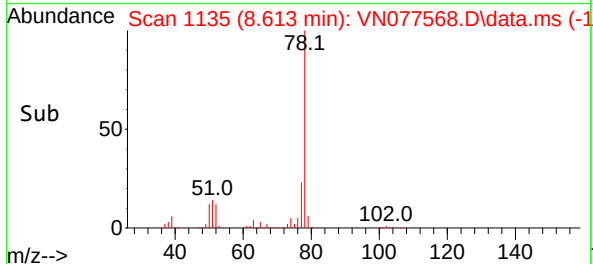
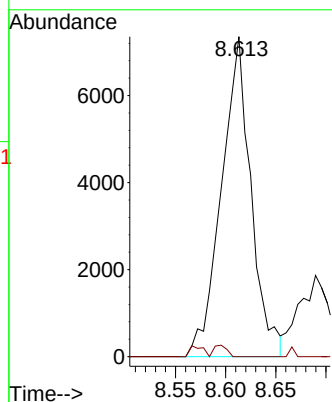
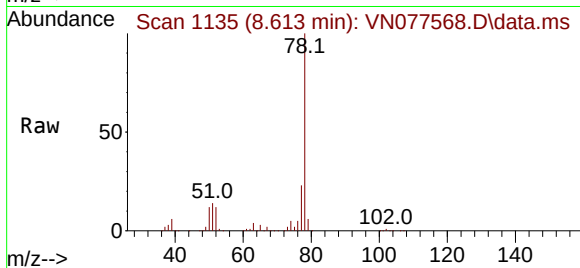
AUD-1988

Tgt Ion: 62 Resp: 15051

Ion Ratio Lower Upper

62 100

98 1.6 0.0 19.8



#43

Isopropyl Acetate

Concen: 36.520 ug/l

RT: 8.696 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

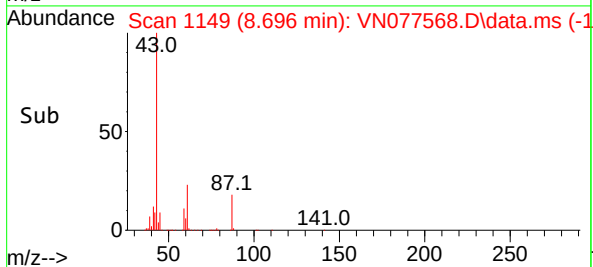
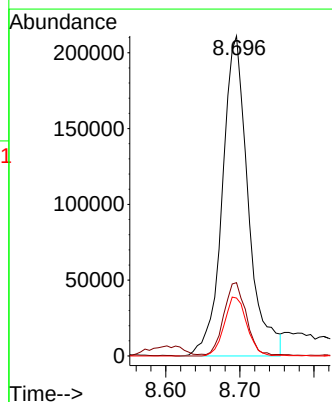
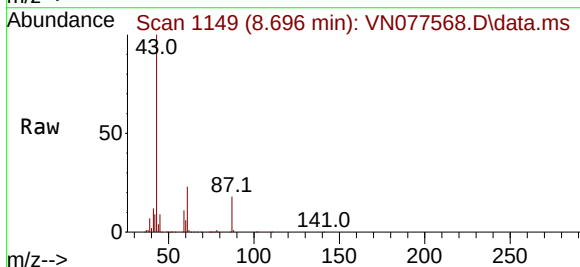
Tgt Ion: 43 Resp: 511359

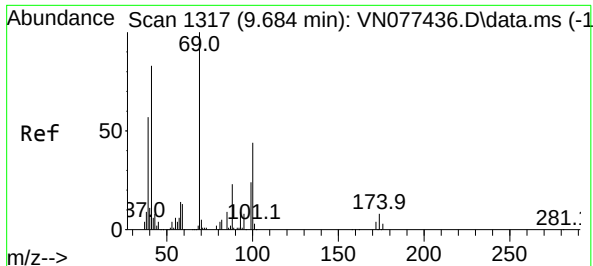
Ion Ratio Lower Upper

43 100

61 19.9 24.7 37.1#

87 16.2 14.6 21.8





#48

Methyl methacrylate

Concen: 2.533 ug/l

RT: 9.660 min Scan# 11

Delta R.T. -0.023 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

AUD-1988

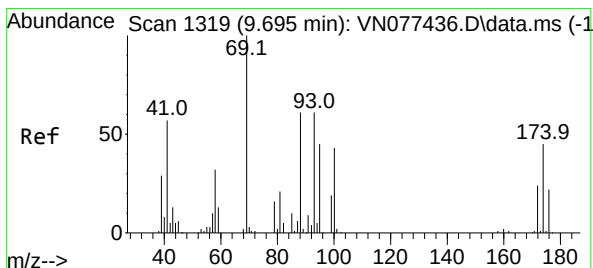
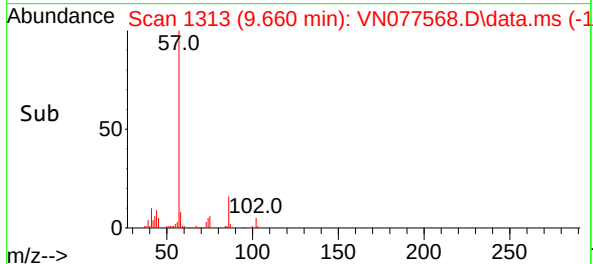
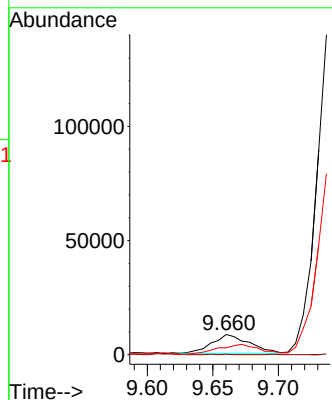
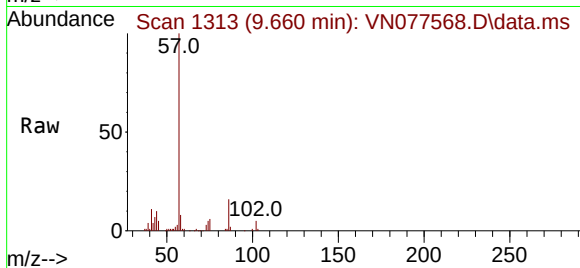
Tgt Ion: 41 Resp: 16147

Ion Ratio Lower Upper

41 100

69 0.9 90.4 135.6#

39 62.8 54.6 81.8



#49

1,4-Dioxane

Concen: 0.394 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

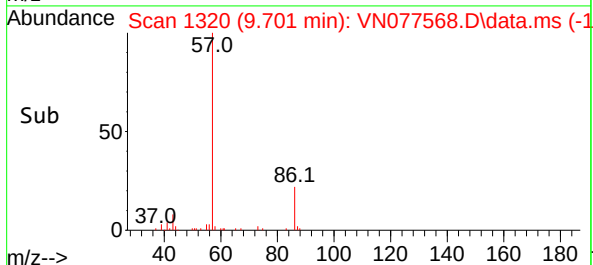
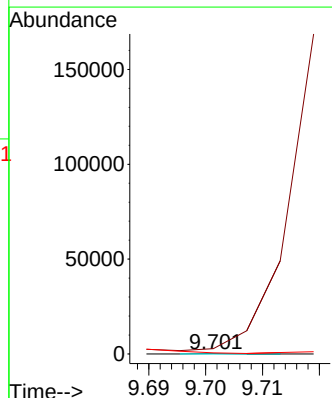
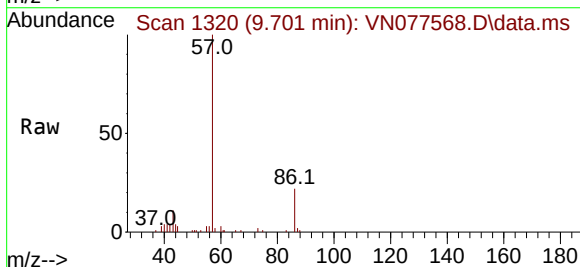
Tgt Ion: 88 Resp: 63

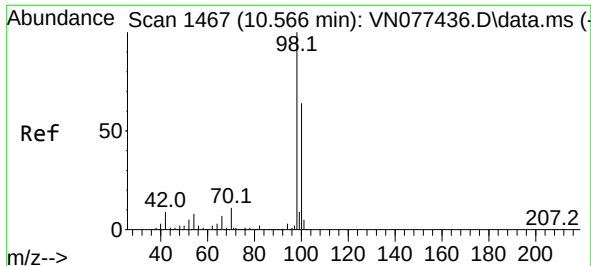
Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#

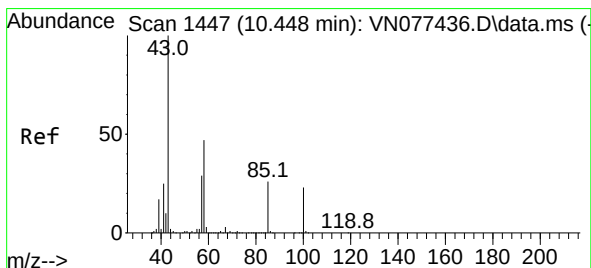
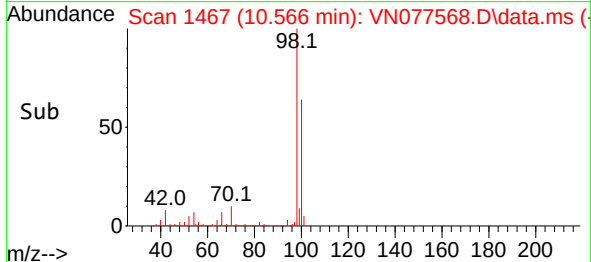
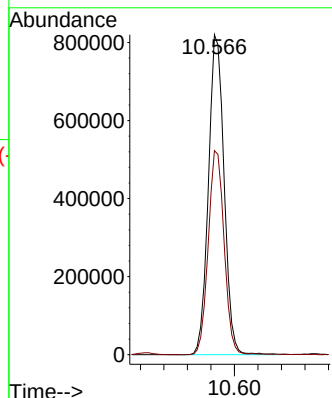
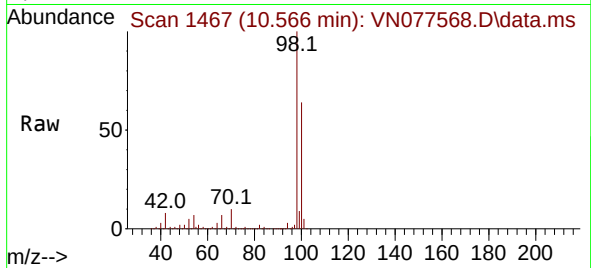




#50
Toluene-d8
Concen: 53.638 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

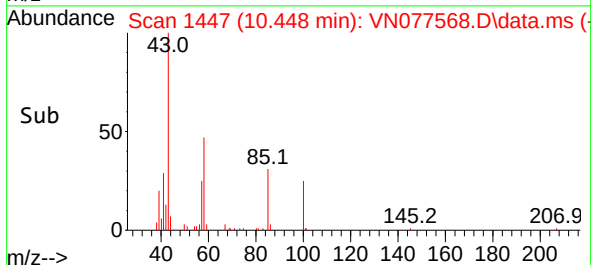
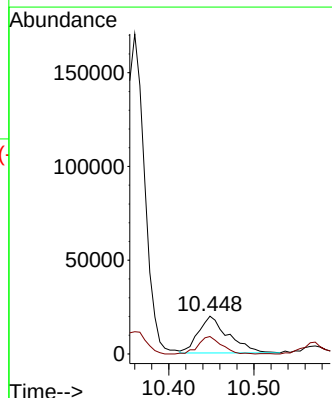
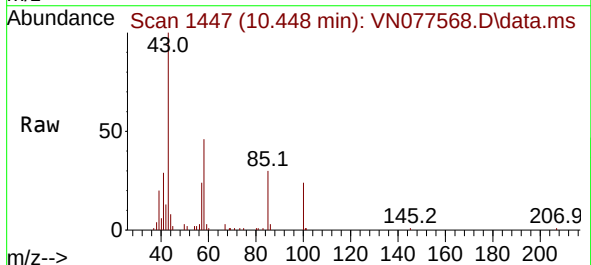
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

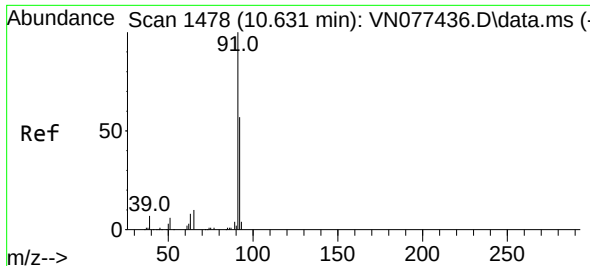
Tgt Ion: 98 Resp: 1515599
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 5.817 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion: 43 Resp: 47778
Ion Ratio Lower Upper
43 100
58 36.5 36.6 54.8#

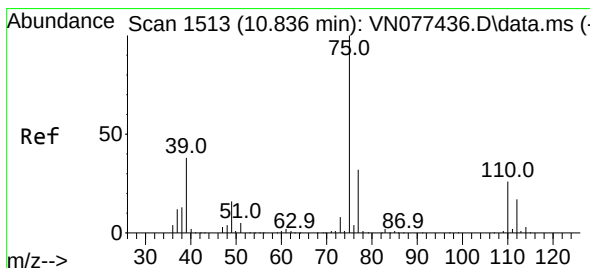
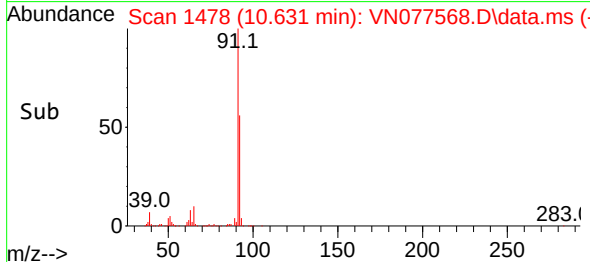
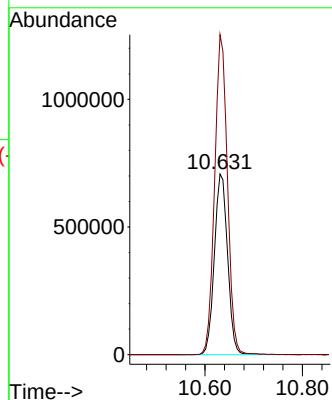
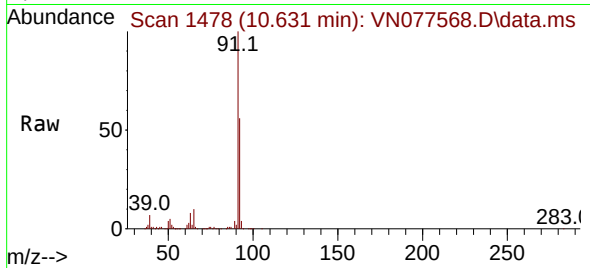




#52
Toluene
Concen: 62.580 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

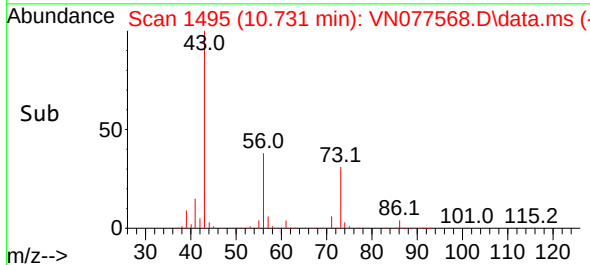
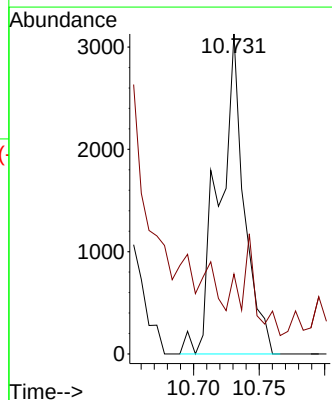
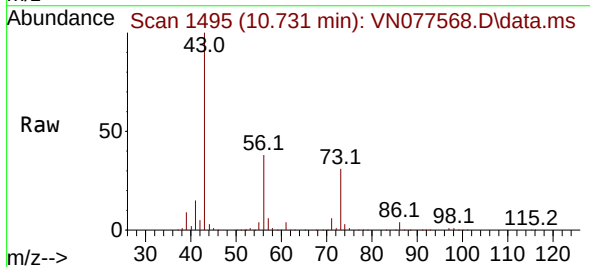
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

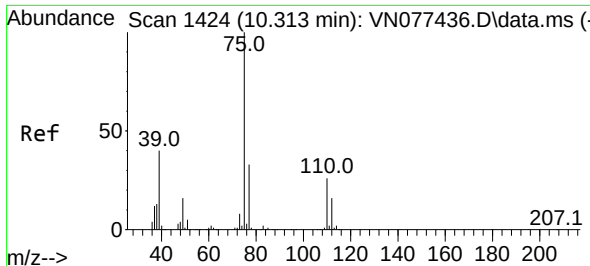
Tgt Ion: 92 Resp: 1330254
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 0.345 ug/l
RT: 10.731 min Scan# 1495
Delta R.T. -0.106 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion: 75 Resp: 4166
Ion Ratio Lower Upper
75 100
77 19.2 25.4 38.0#

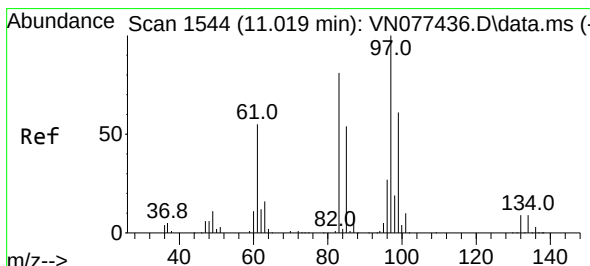
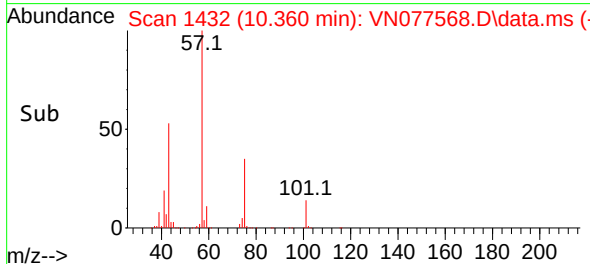
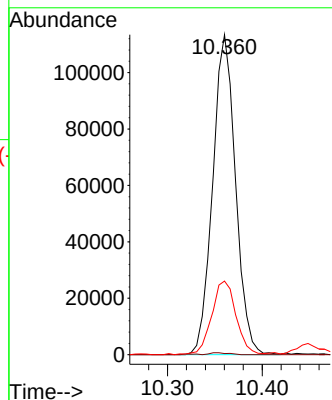
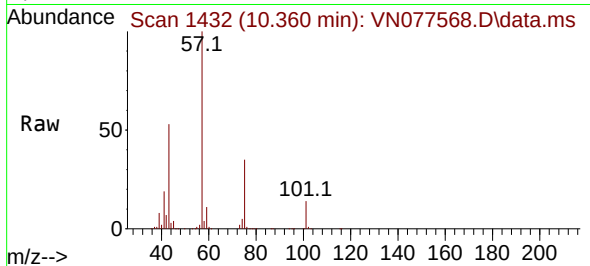




#54
cis-1,3-Dichloropropene
Concen: 14.447 ug/l
RT: 10.360 min Scan# 1424
Delta R.T. 0.047 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

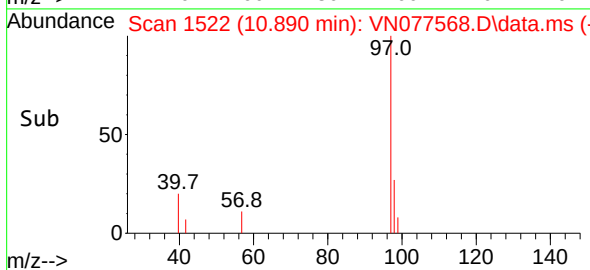
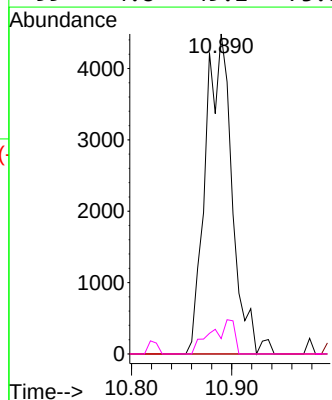
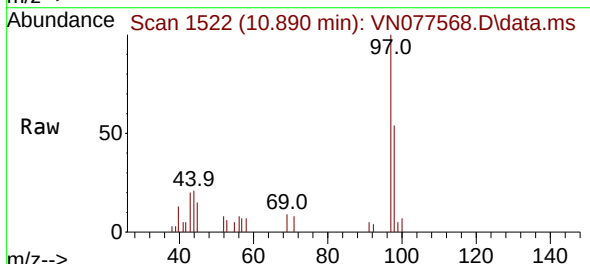
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

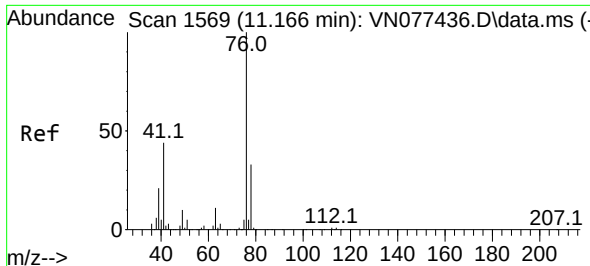
Tgt Ion: 75 Resp: 189962
Ion Ratio Lower Upper
75 100
77 0.3 26.1 39.1#
39 22.8 31.6 47.4#



#55
1,1,2-Trichloroethane
Concen: 0.972 ug/l
RT: 10.890 min Scan# 1522
Delta R.T. -0.129 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion: 97 Resp: 8306
Ion Ratio Lower Upper
97 100
83 0.0 65.1 97.7#
85 0.0 43.4 65.2#
99 4.8 49.2 73.8#





#57

1,3-Dichloropropane

Concen: 1.913 ug/l

RT: 11.207 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

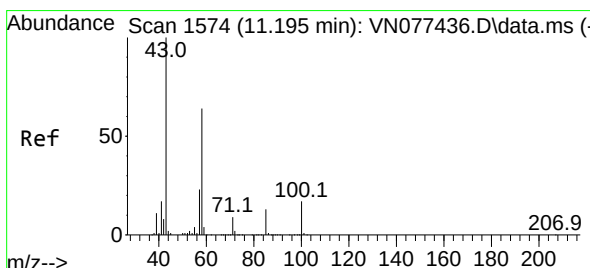
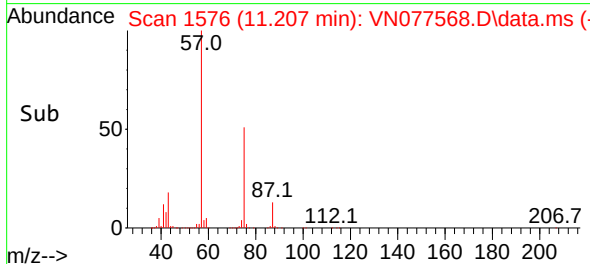
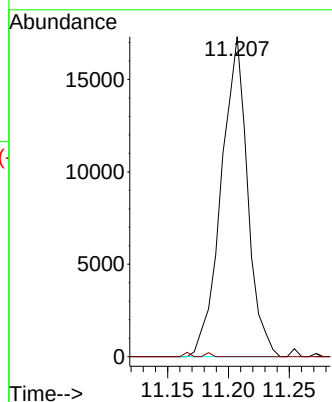
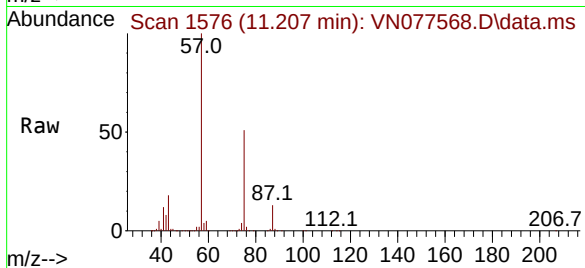
AUD-1988

Tgt Ion: 76 Resp: 26040

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 51.266 ug/l

RT: 11.172 min Scan# 1570

Delta R.T. -0.023 min

Lab File: VN077568.D

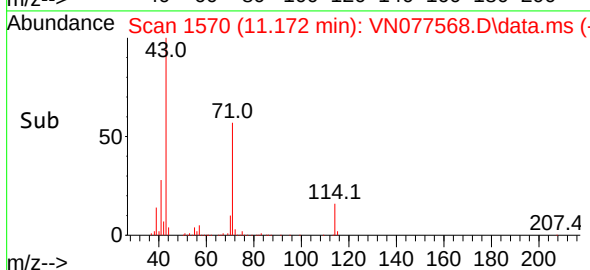
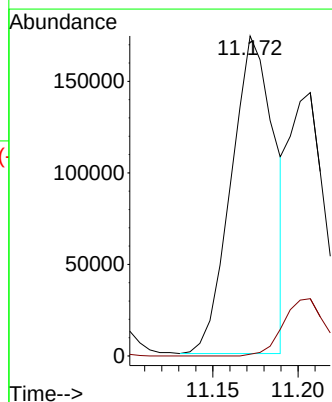
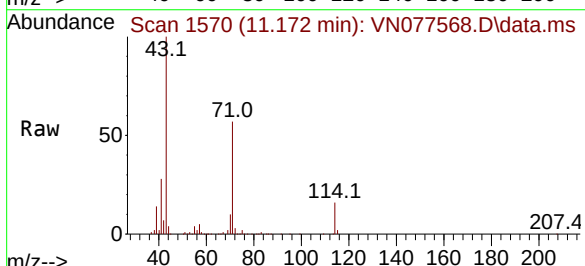
Acq: 03 May 2023 17:22

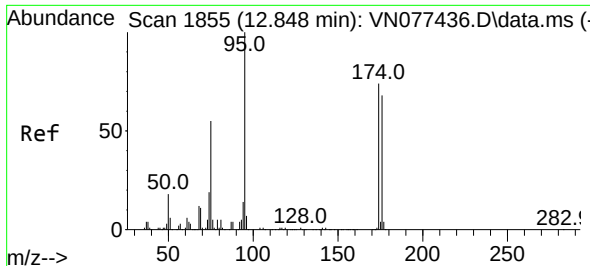
Tgt Ion: 43 Resp: 306052

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

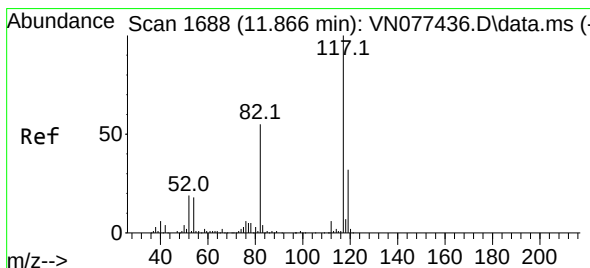
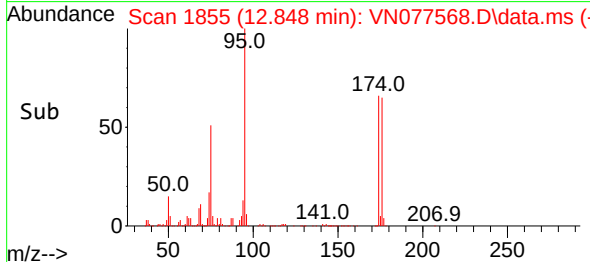
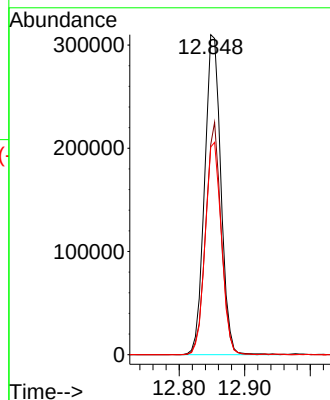
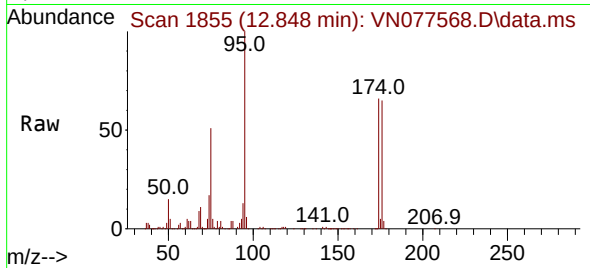




#62
4-Bromofluorobenzene
Concen: 57.816 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

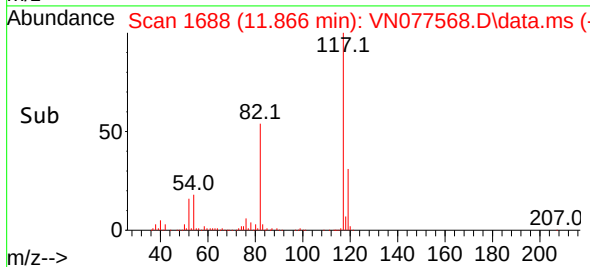
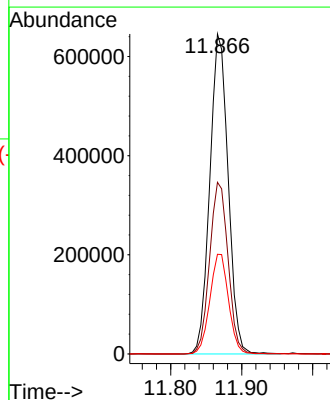
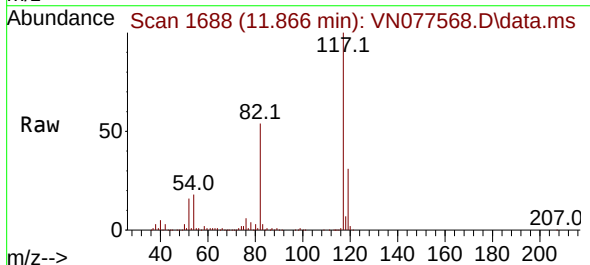
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

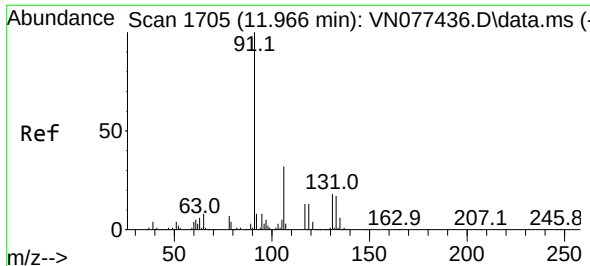
Tgt Ion: 95 Resp: 534497
Ion Ratio Lower Upper
95 100
174 69.0 0.0 143.8
176 66.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion: 117 Resp: 1154703
Ion Ratio Lower Upper
117 100
82 53.6 44.0 66.0
119 31.1 25.6 38.4

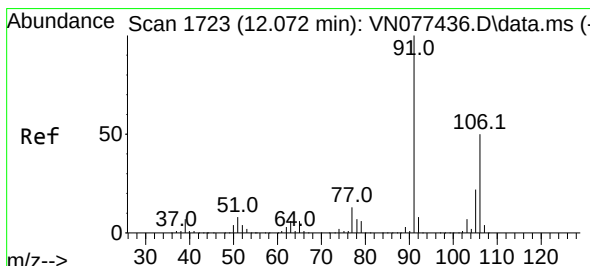
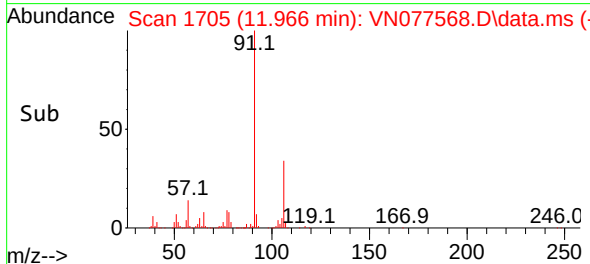
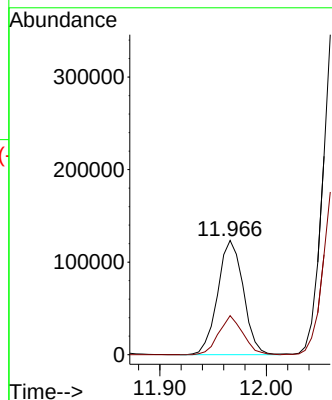
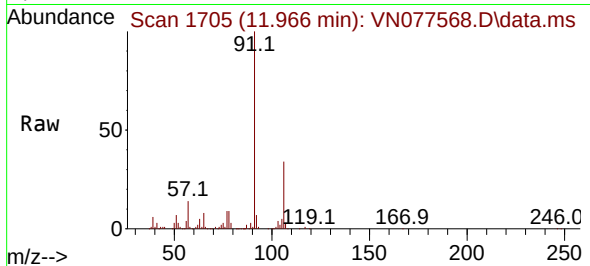




#67
Ethyl Benzene
Concen: 4.801 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

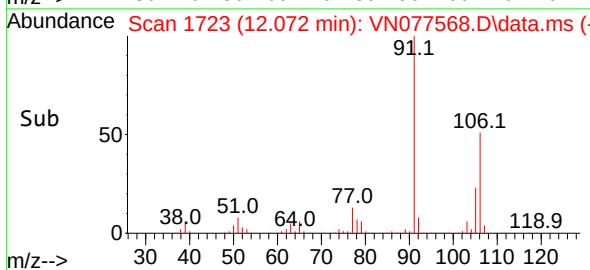
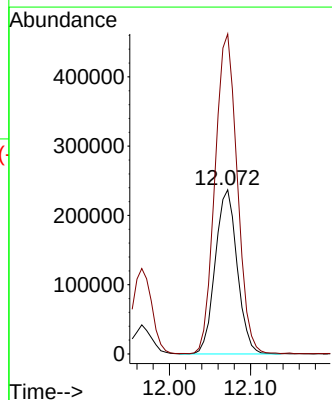
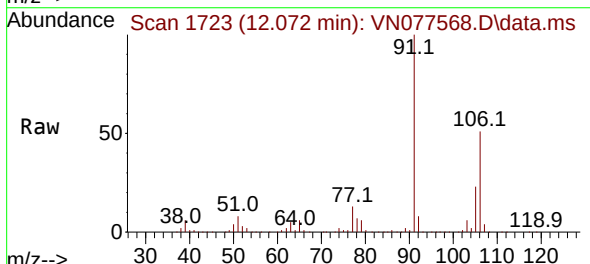
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

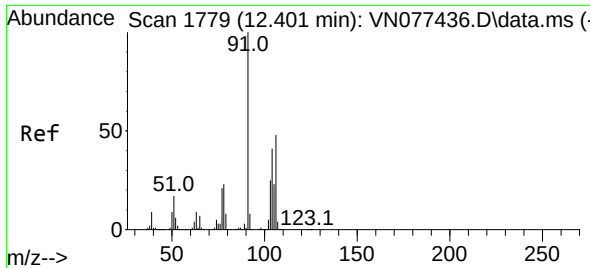
Tgt Ion: 91 Resp: 206495
Ion Ratio Lower Upper
91 100
106 34.2 25.6 38.4



#68
m/p-Xylenes
Concen: 26.640 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion:106 Resp: 445357
Ion Ratio Lower Upper
106 100
91 197.5 159.6 239.4

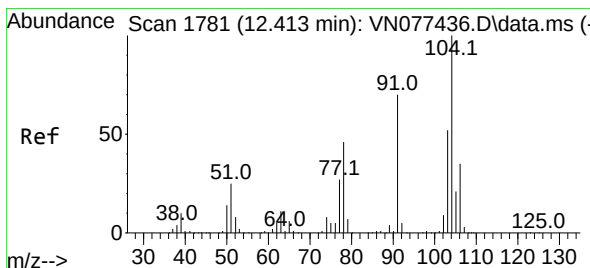
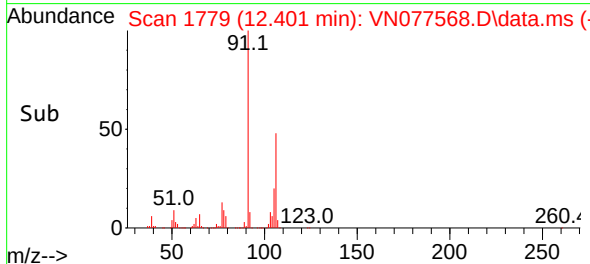
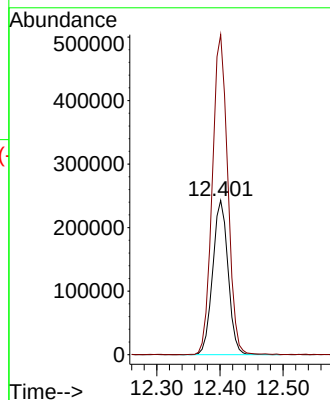
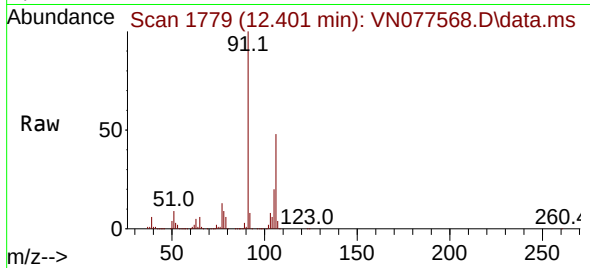




#69
o-Xylene
Concen: 24.911 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

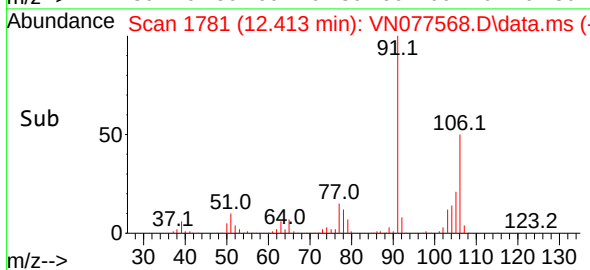
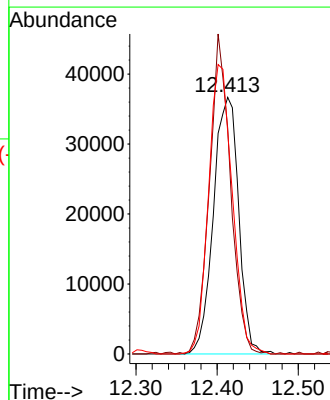
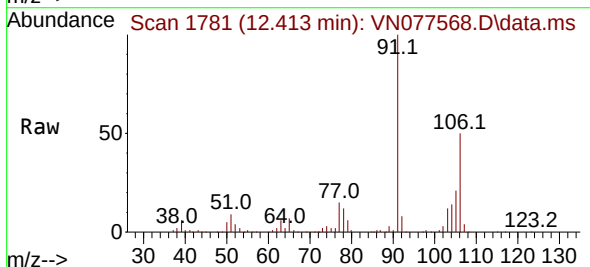
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

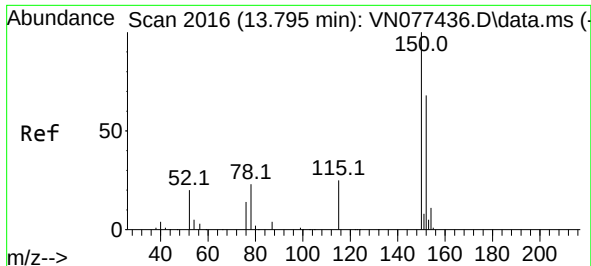
Tgt Ion:106 Resp: 409634
Ion Ratio Lower Upper
106 100
91 208.5 105.2 315.5



#70
Styrene
Concen: 3.080 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

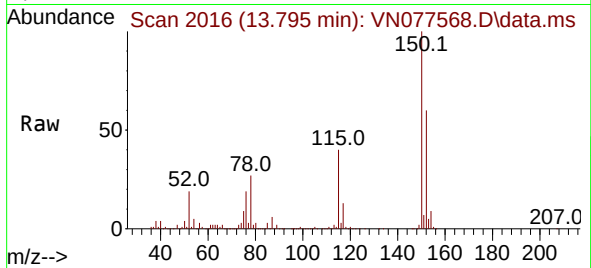
Tgt Ion:104 Resp: 79202
Ion Ratio Lower Upper
104 100
78 104.4 39.5 59.3#
103 106.6 43.2 64.8#



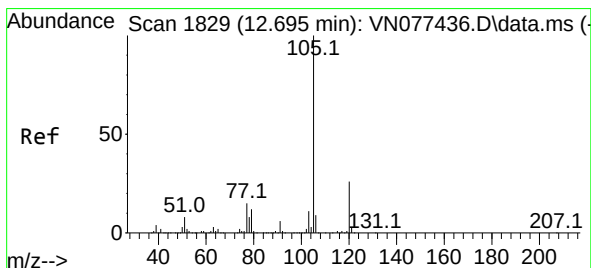
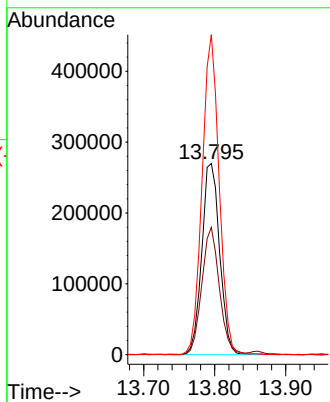
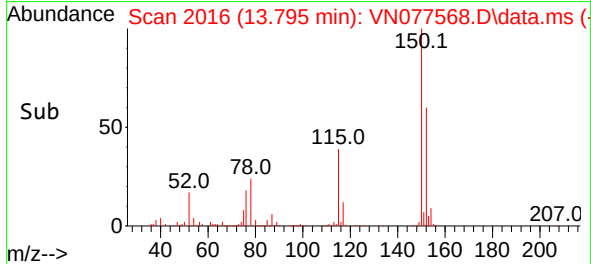


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

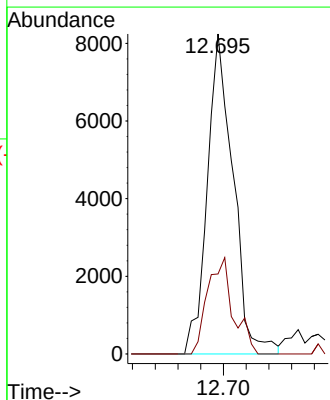
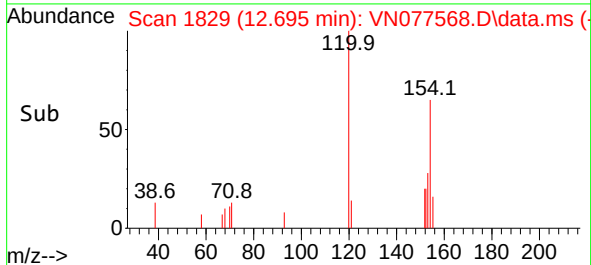
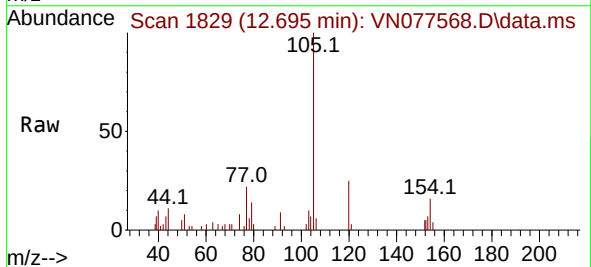


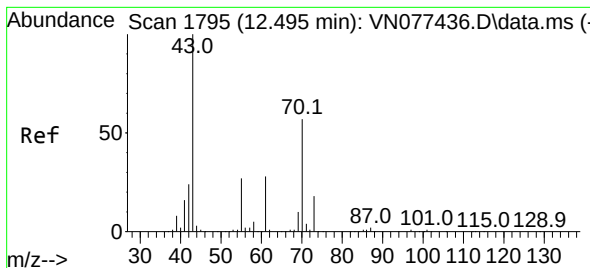
Tgt Ion:152 Resp: 472197
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 159.1 0.0 355.8



#73
Isopropylbenzene
Concen: 0.298 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion:105 Resp: 13041
Ion Ratio Lower Upper
105 100
120 29.9 13.1 39.1





#74

N-amy1 acetate

Concen: 0.270 ug/l

RT: 12.466 min Scan# 1

Delta R.T. -0.029 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

AUD-1988

Tgt Ion: 43 Resp: 3508

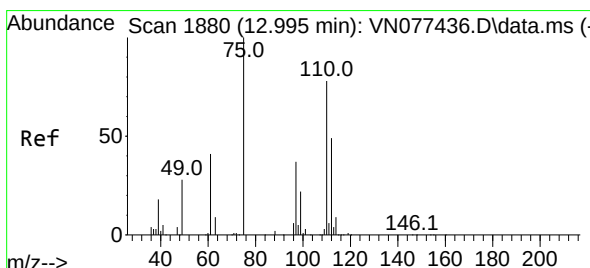
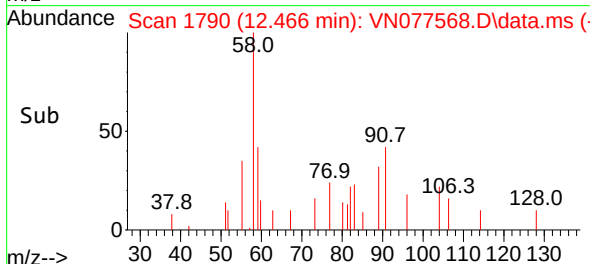
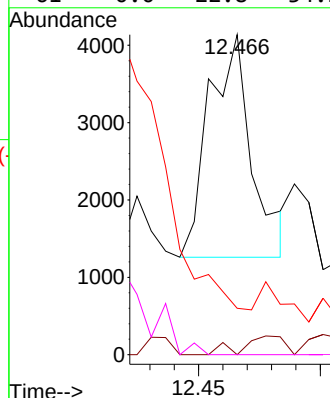
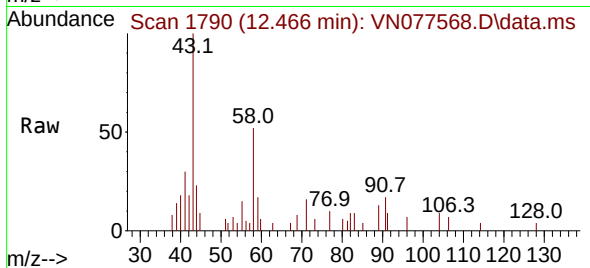
Ion Ratio Lower Upper

43 100

70 8.2 43.4 65.2#

55 20.5 21.4 32.0#

61 0.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 24.693 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.147 min

Lab File: VN077568.D

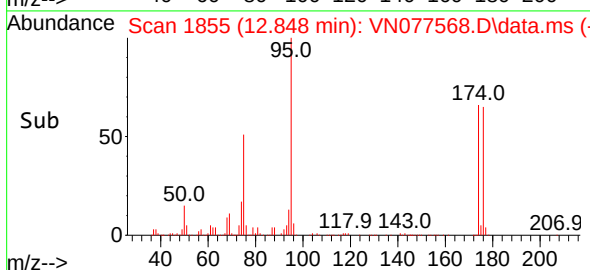
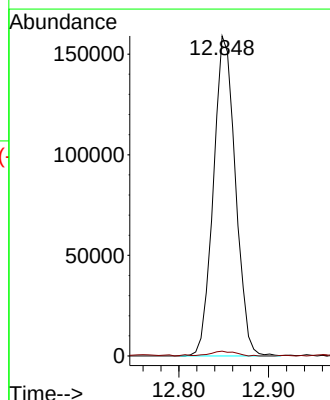
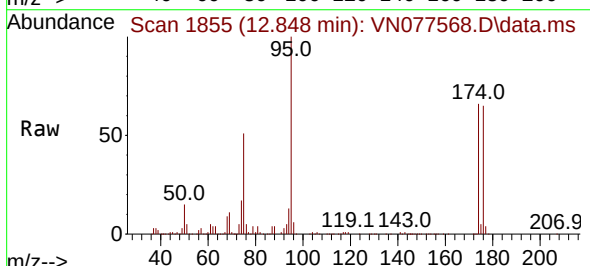
Acq: 03 May 2023 17:22

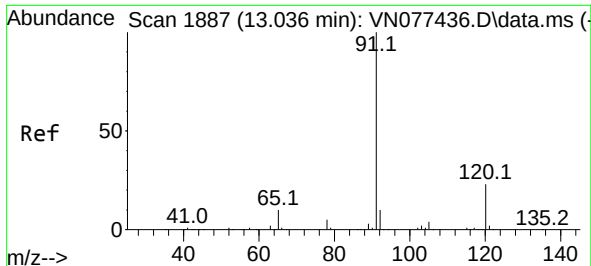
Tgt Ion: 75 Resp: 271145

Ion Ratio Lower Upper

75 100

77 1.7 84.5 253.5#

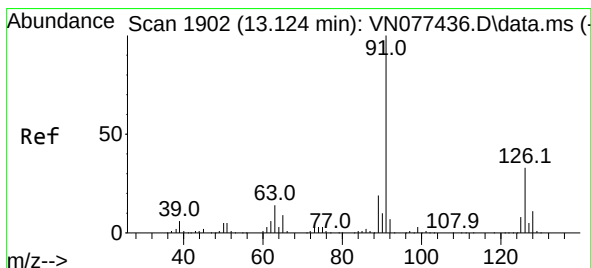
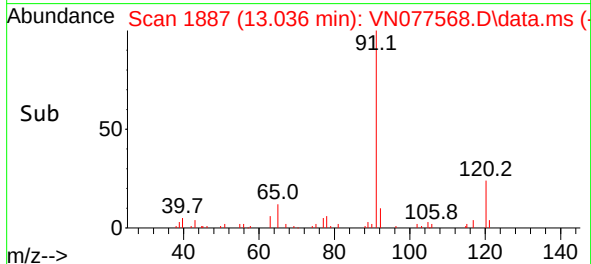
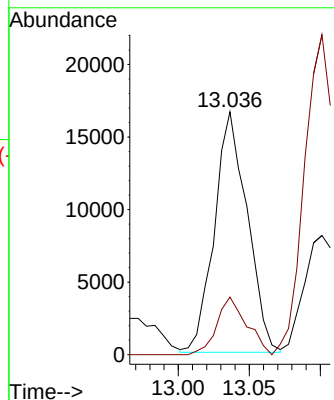
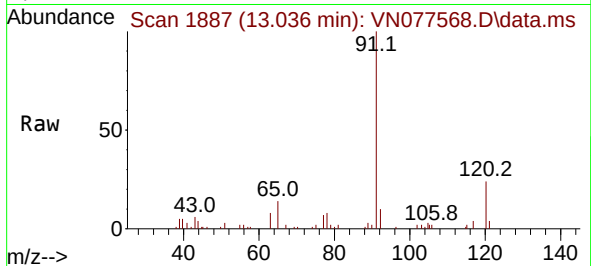




#78
n-propylbenzene
Concen: 0.551 ug/l
RT: 13.036 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

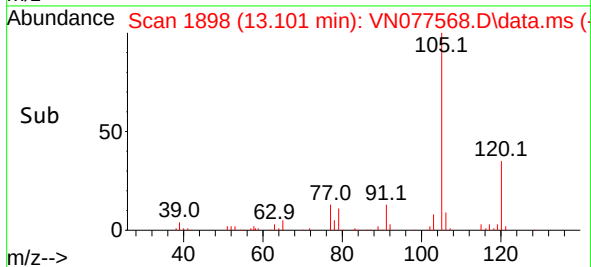
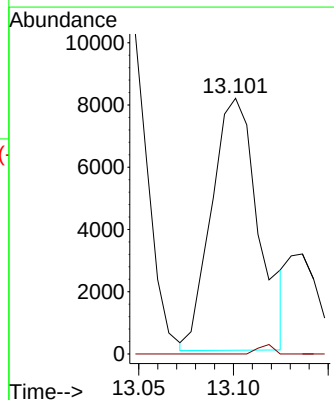
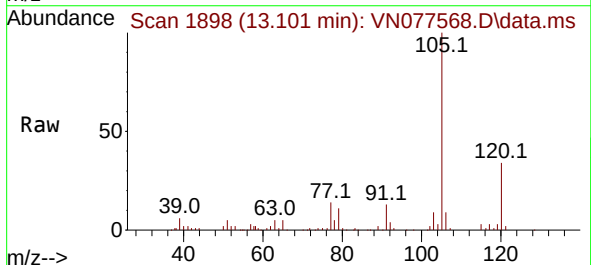
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

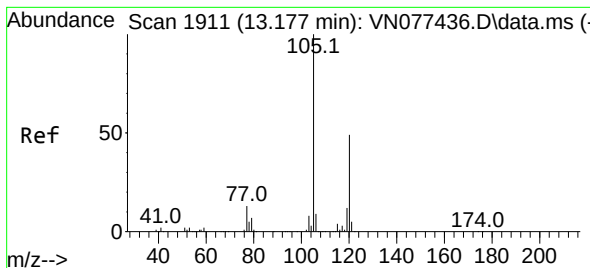
Tgt Ion: 91 Resp: 26699
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.469 ug/l
RT: 13.101 min Scan# 1898
Delta R.T. -0.023 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion: 91 Resp: 14019
Ion Ratio Lower Upper
91 100
126 1.2 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 3.178 ug/l

RT: 13.178 min Scan# 1911

Delta R.T. 0.001 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

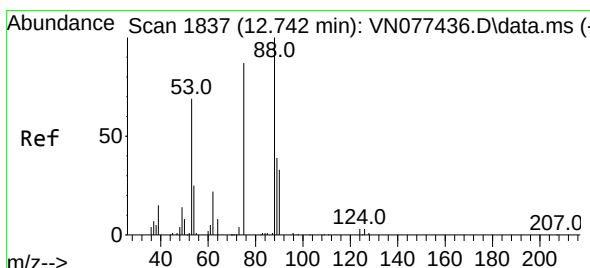
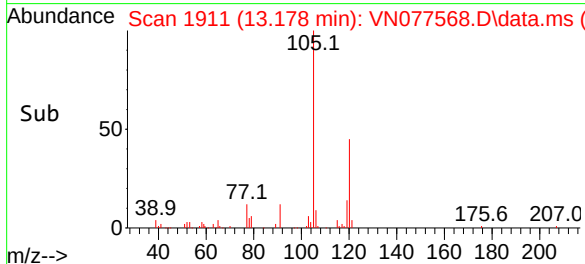
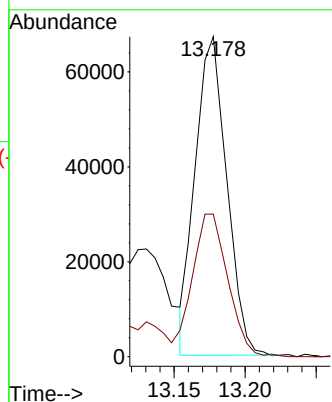
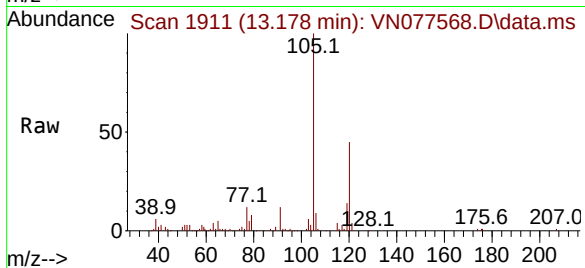
AUD-1988

Tgt Ion:105 Resp: 103419

Ion Ratio Lower Upper

105 100

120 50.6 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 69.763 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. 0.106 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

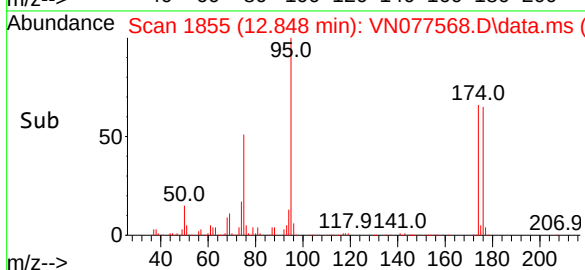
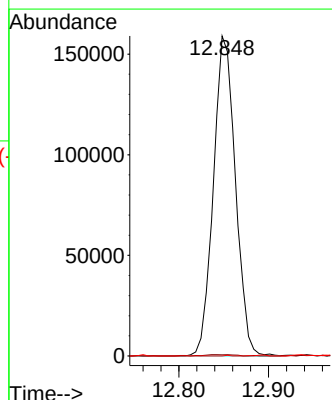
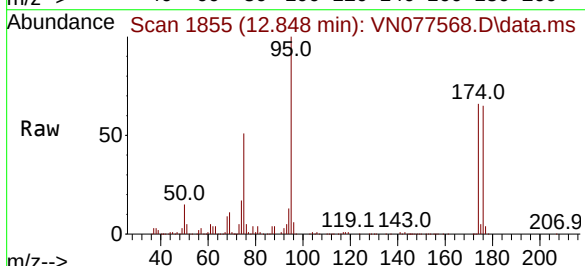
Tgt Ion: 75 Resp: 271145

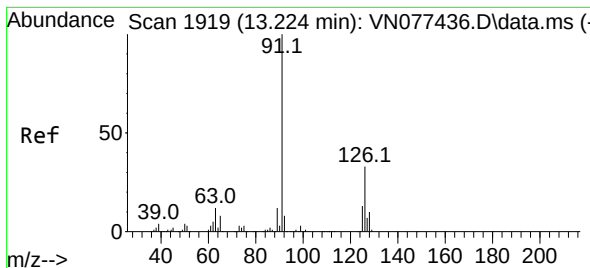
Ion Ratio Lower Upper

75 100

53 0.6 67.4 101.2#

89 0.0 38.8 58.2#





#82

4-Chlorotoluene

Concen: 0.426 ug/l

RT: 13.178 min Scan# 1919

Delta R.T. -0.047 min

Lab File: VN077568.D

Acq: 03 May 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

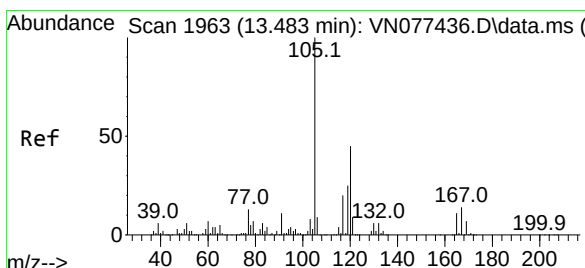
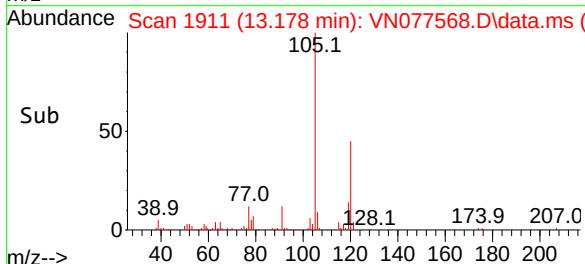
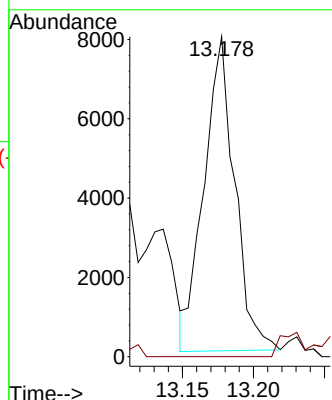
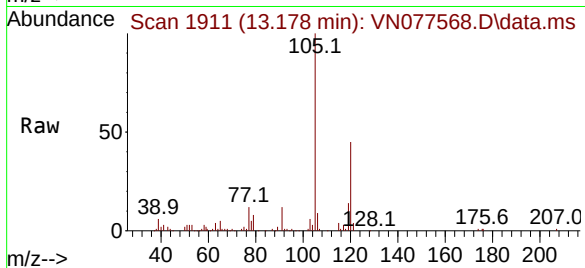
AUD-1988

Tgt Ion: 91 Resp: 11899

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.0#



#84

1,2,4-Trimethylbenzene

Concen: 13.421 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN077568.D

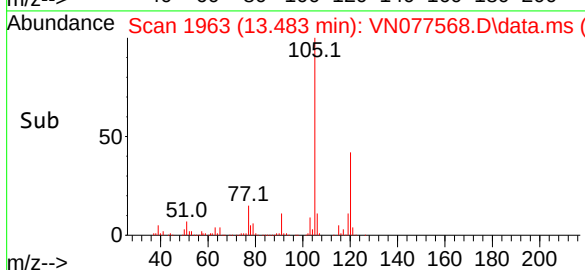
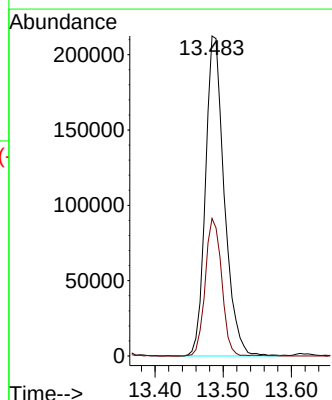
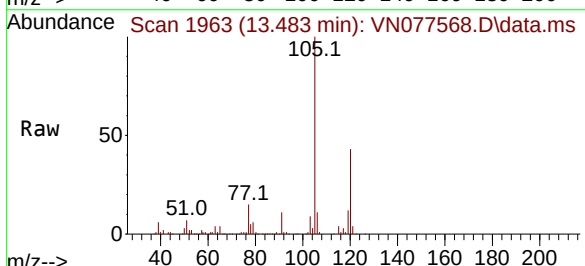
Acq: 03 May 2023 17:22

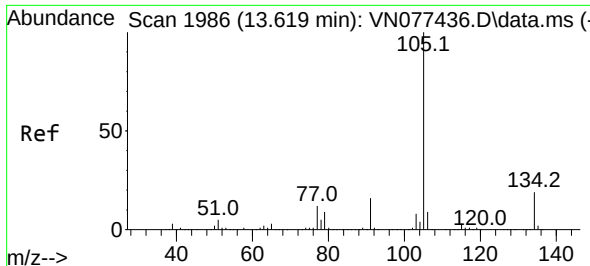
Tgt Ion:105 Resp: 407862

Ion Ratio Lower Upper

105 100

120 37.5 22.0 66.0

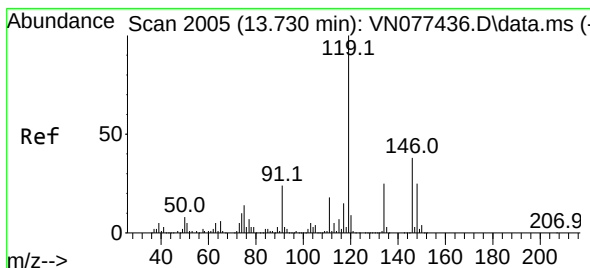
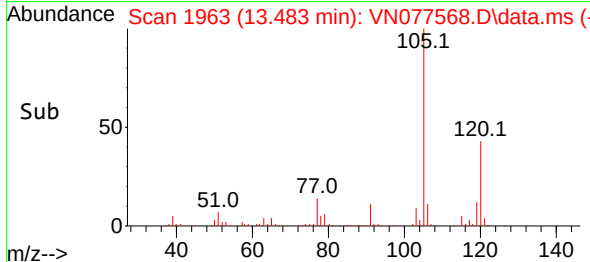
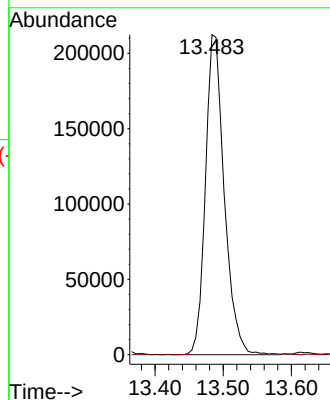
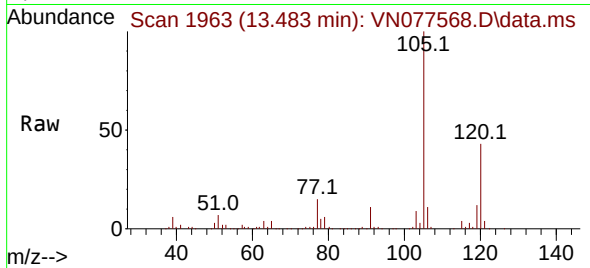




#85
 sec-Butylbenzene
 Concen: 9.403 ug/l
 RT: 13.483 min Scan# 1986
 Delta R.T. -0.135 min
 Lab File: VN077568.D
 Acq: 03 May 2023 17:22

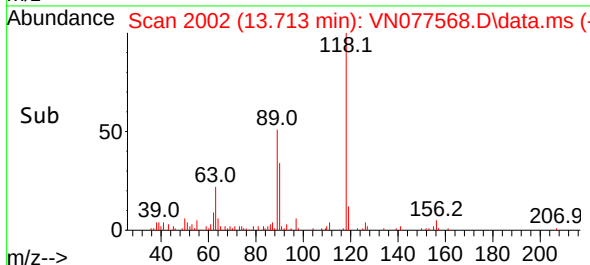
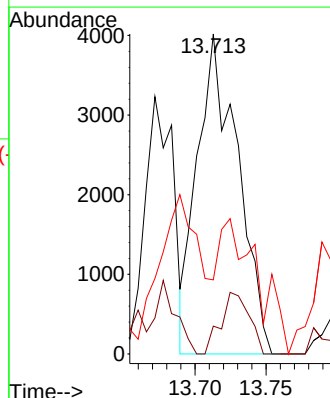
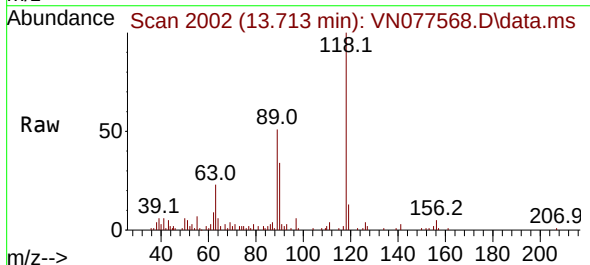
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1988

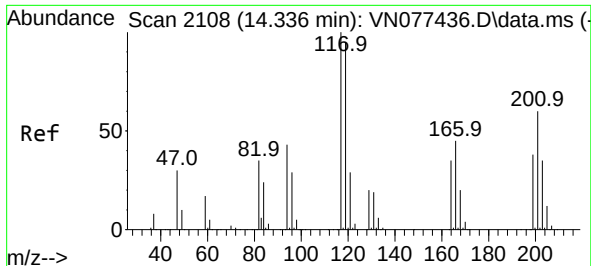
Tgt Ion:105 Resp: 407862
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 0.238 ug/l
 RT: 13.713 min Scan# 2002
 Delta R.T. -0.017 min
 Lab File: VN077568.D
 Acq: 03 May 2023 17:22

Tgt Ion:119 Resp: 7949
 Ion Ratio Lower Upper
 119 100
 134 13.5 12.6 37.8
 91 40.0 12.4 37.2#

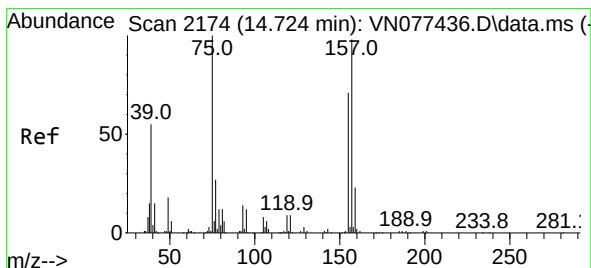
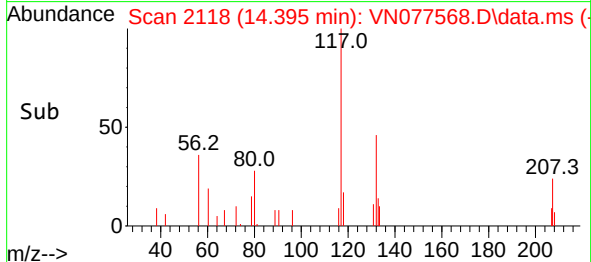
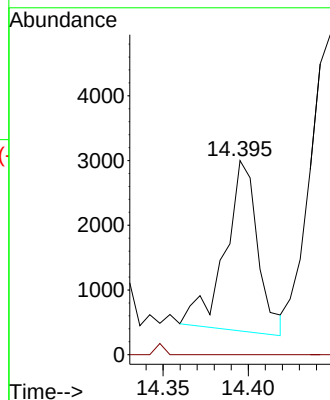
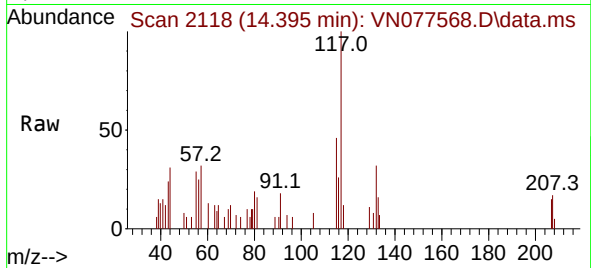




#90
Hexachloroethane
Concen: 0.475 ug/l
RT: 14.395 min Scan# 2118
Delta R.T. 0.059 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

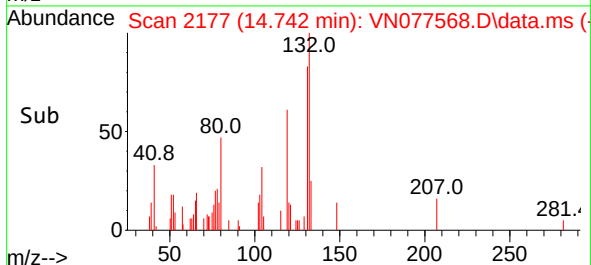
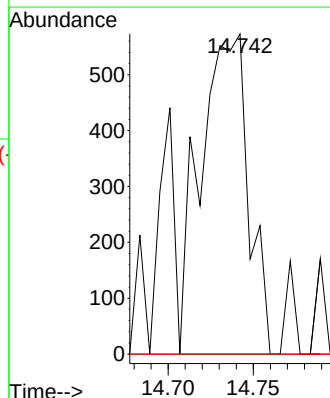
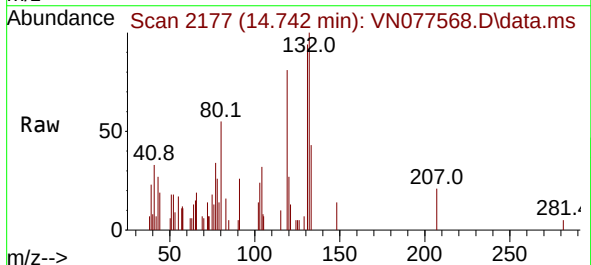
Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

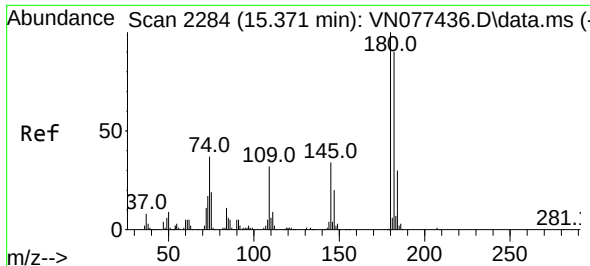
Tgt Ion:117 Resp: 3500
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.442 ug/l
RT: 14.742 min Scan# 2177
Delta R.T. 0.018 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion: 75 Resp: 1125
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#

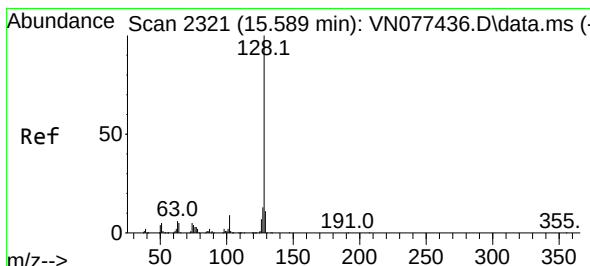
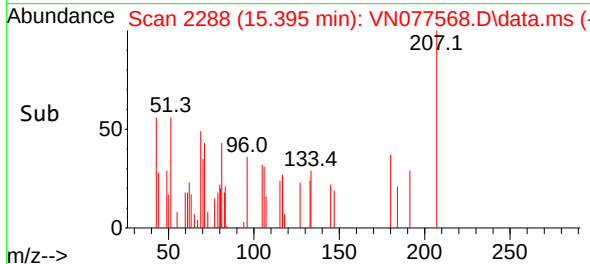
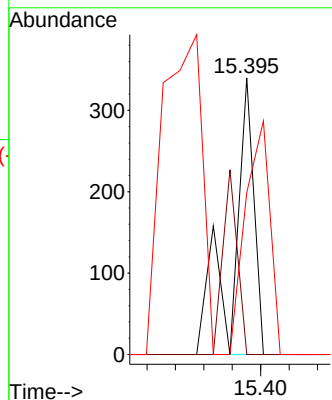
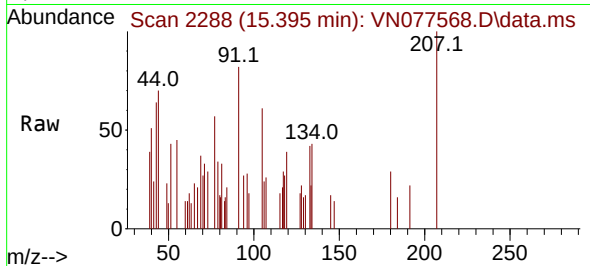




#93
1,2,4-Trichlorobenzene
Concen: 0.849 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.024 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Instrument :
MSVOA_N
ClientSampleId :
AUD-1988

Tgt Ion:180 Resp: 176
Ion Ratio Lower Upper
180 100
182 45.5 46.1 138.2#
145 97.7 16.6 49.8#



#95
Naphthalene
Concen: 148.285 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.053 min
Lab File: VN077568.D
Acq: 03 May 2023 17:22

Tgt Ion:128 Resp: 5599611
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.0 8.7 13.1

