

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077585.D
 Acq On : 04 May 2023 17:49
 Operator : JC\MD
 Sample : 02566-03DL 2X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1987DL

Quant Time: May 05 04:11:40 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)

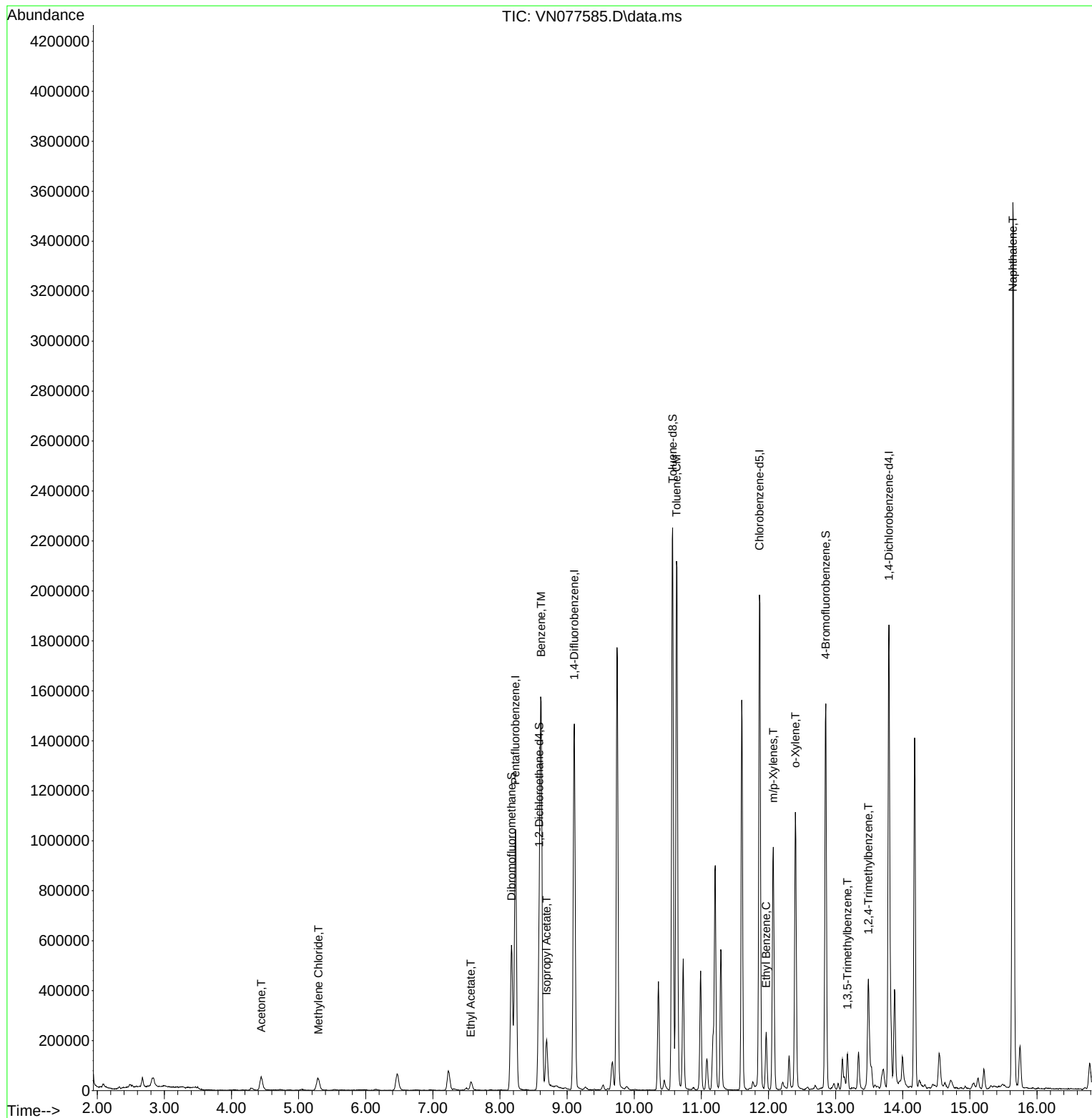
Internal Standards						
1) Pentafluorobenzene	8.231	168	774362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1435634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1298392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	529290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	452493	44.781	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 89.560%			
35) Dibromofluoromethane	8.172	113	435762	50.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	10.572	98	1708190	51.653	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.854	95	591879	54.703	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.400%			
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	97502	30.330	ug/l	100
20) Methylene Chloride	5.296	84	46604	4.571	ug/l #	80
37) Ethyl Acetate	7.566	43	44910	4.741	ug/l #	87
40) Benzene	8.613	78	1665752	43.863	ug/l	95
43) Isopropyl Acetate	8.695	43	222182	13.558	ug/l #	88
52) Toluene	10.630	92	1048806	42.157	ug/l	100
67) Ethyl Benzene	11.966	91	153898	3.182	ug/l	100
68) m/p-Xylenes	12.072	106	341037	18.142	ug/l	98
69) o-Xylene	12.401	106	327145	17.693	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	79169	2.171	ug/l	97
84) 1,2,4-Trimethylbenzene	13.489	105	307758	9.035	ug/l	89
95) Naphthalene	15.642	128	3592493	105.616	ug/l	100

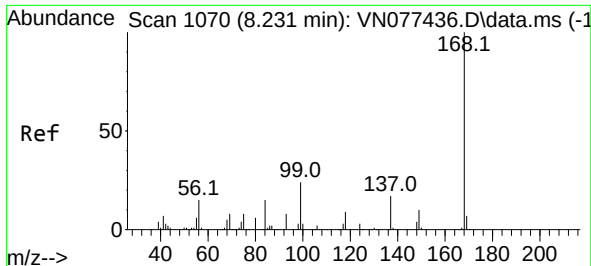
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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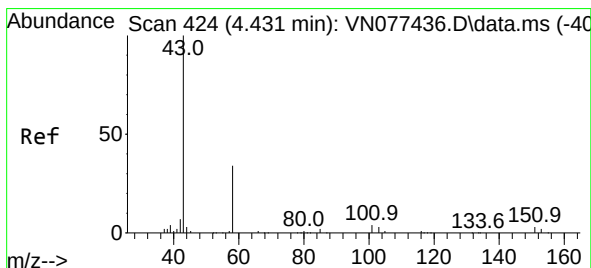
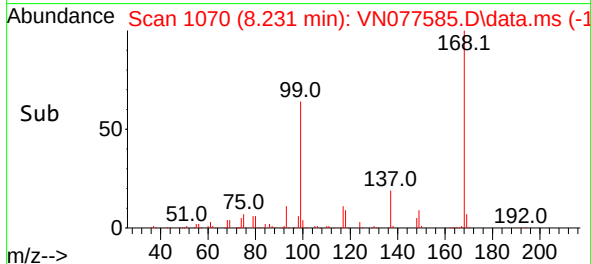
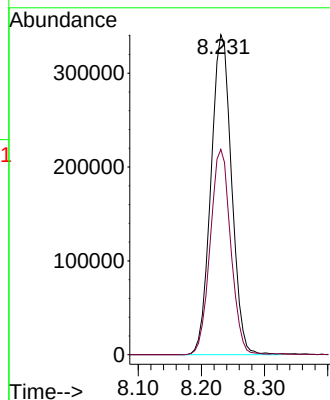
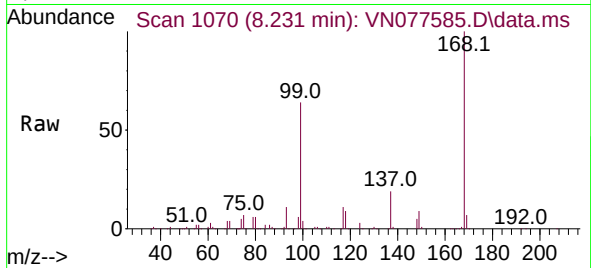




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

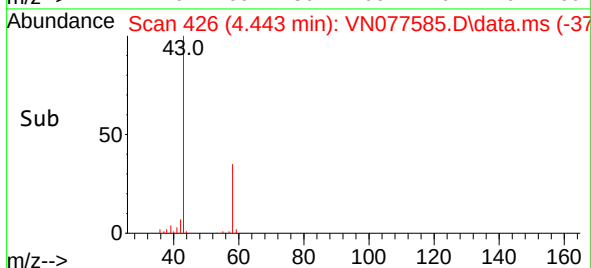
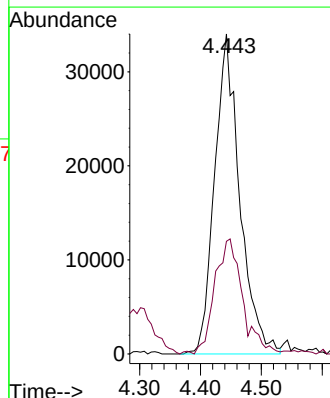
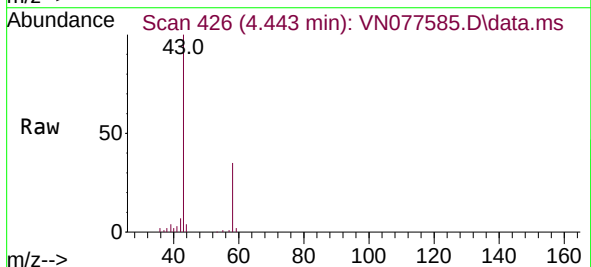
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987DL

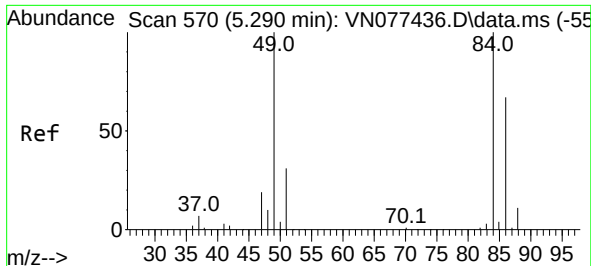
Tgt Ion:168 Resp: 774362
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6



#16
Acetone
Concen: 30.330 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

Tgt Ion: 43 Resp: 97502
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0

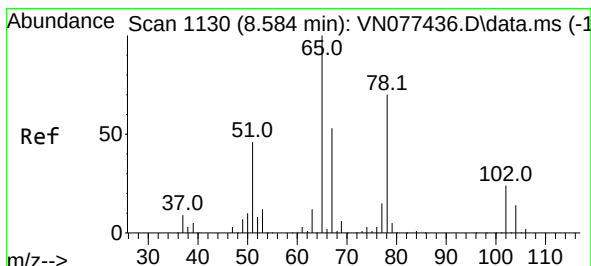
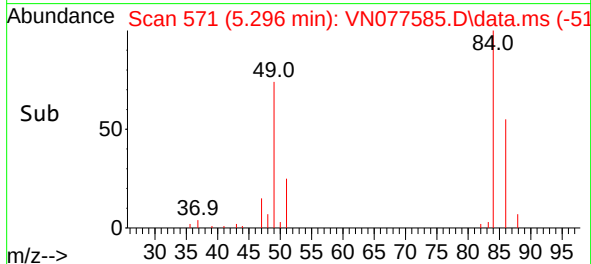
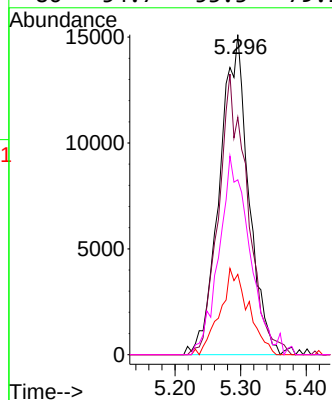
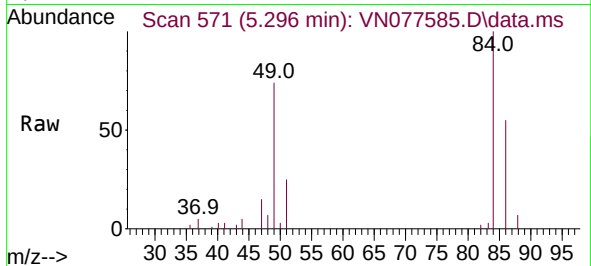




#20
Methylene Chloride
Concen: 4.571 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

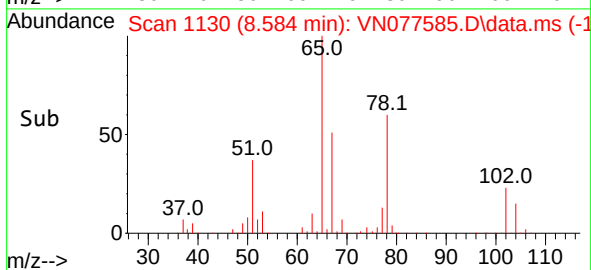
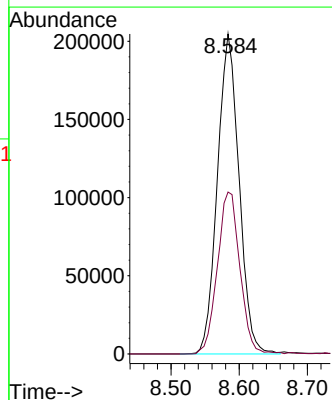
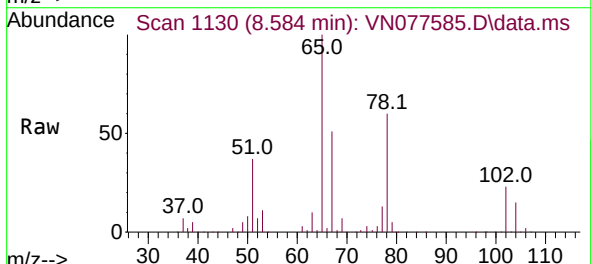
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987DL

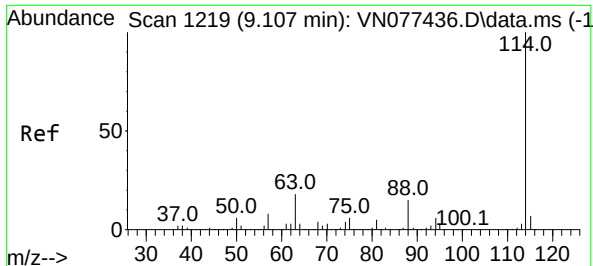
Tgt Ion: 84	Resp: 46604
Ion Ratio	Lower Upper
84 100	
49 74.2	79.7 119.5#
51 25.1	25.2 37.8#
86 54.7	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 44.781 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

Tgt Ion: 65	Resp: 452493
Ion Ratio	Lower Upper
65 100	
67 52.5	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077585.D

Acq: 04 May 2023 17:49

Instrument :

MSVOA_N

ClientSampleId :

AUD-1987DL

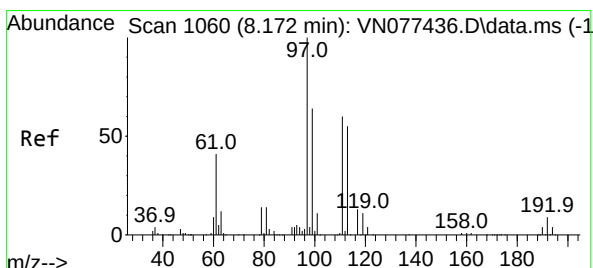
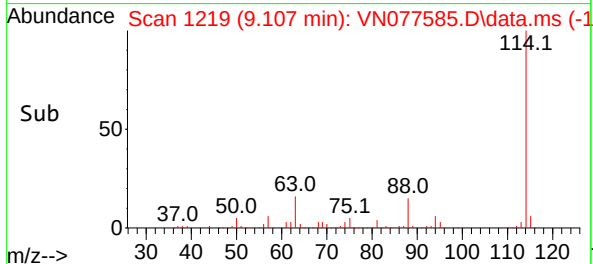
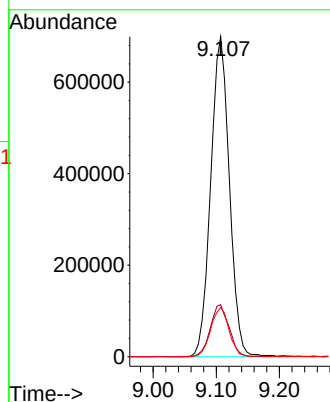
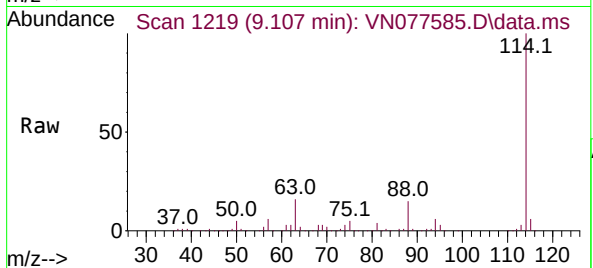
Tgt Ion:114 Resp: 1435634

Ion Ratio Lower Upper

114 100

63 16.3 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.501 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077585.D

Acq: 04 May 2023 17:49

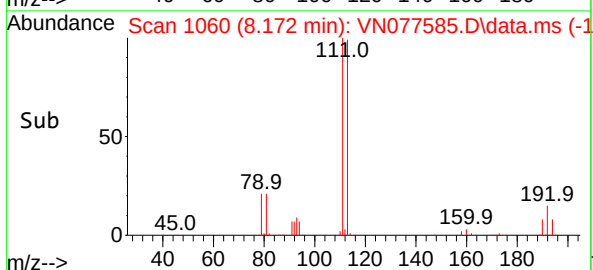
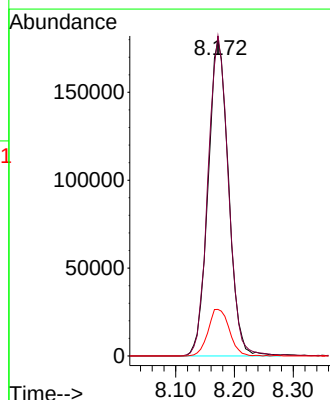
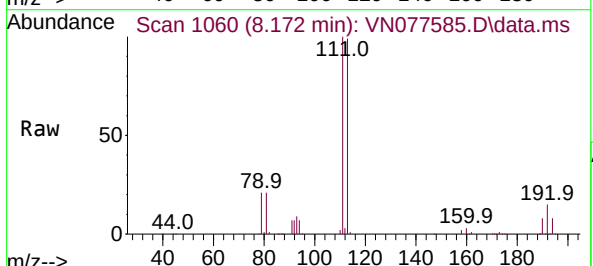
Tgt Ion:113 Resp: 435762

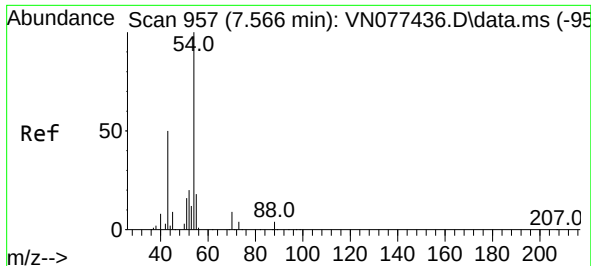
Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

192 15.3 12.7 19.1

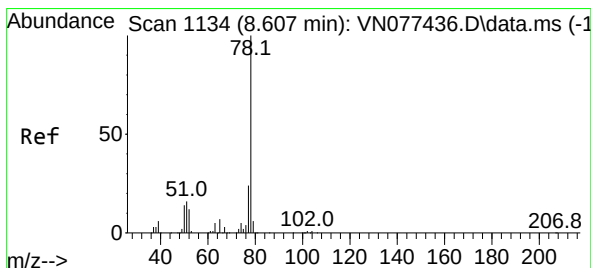
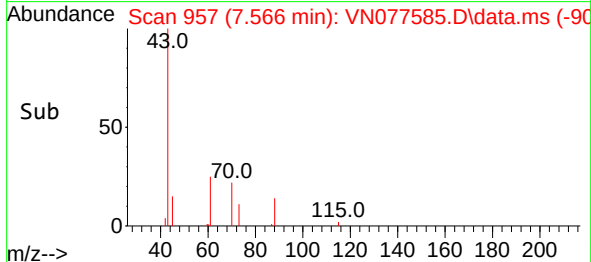
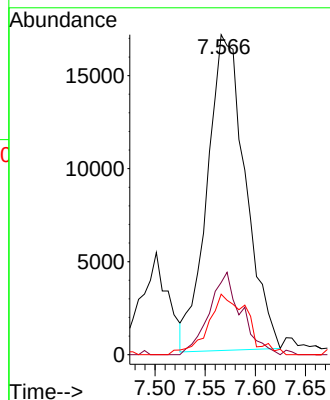
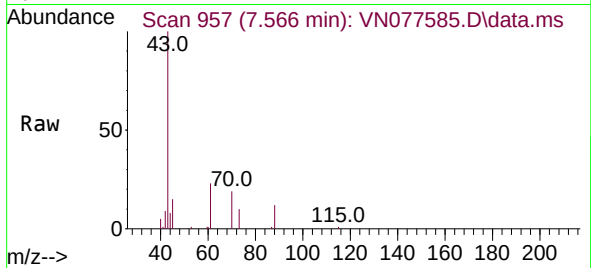




#37
Ethyl Acetate
Concen: 4.741 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

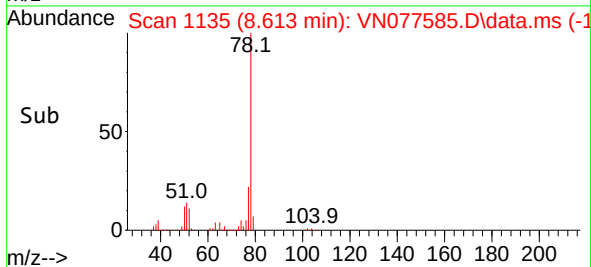
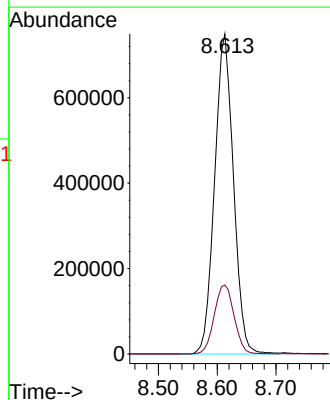
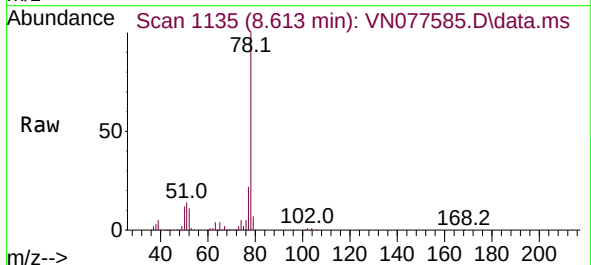
Instrument :
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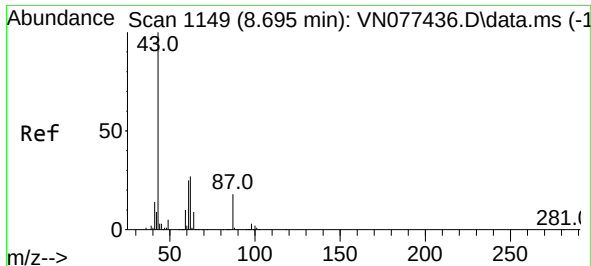
Tgt Ion: 43 Resp: 44910
Ion Ratio Lower Upper
43 100
61 22.1 13.2 19.8#
70 19.8 11.3 16.9#



#40
Benzene
Concen: 43.863 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

Tgt Ion: 78 Resp: 1665752
Ion Ratio Lower Upper
78 100
77 21.5 19.0 28.6

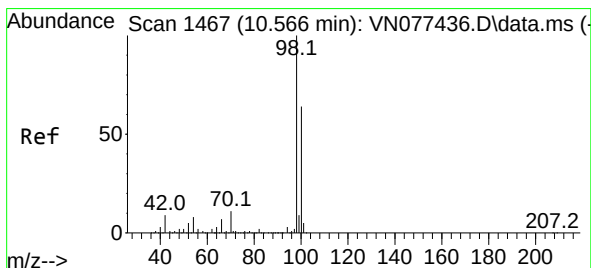
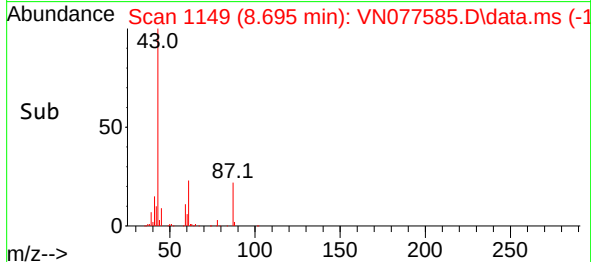
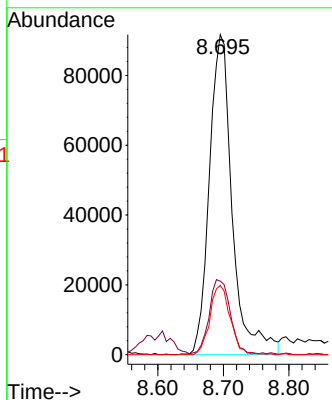
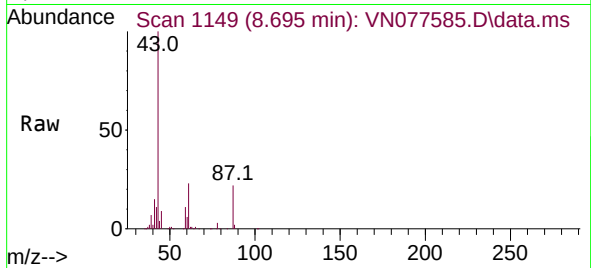




#43
Isopropyl Acetate
Concen: 13.558 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

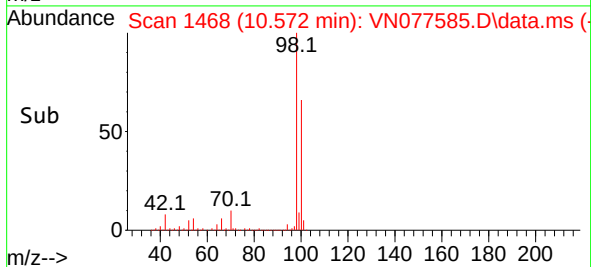
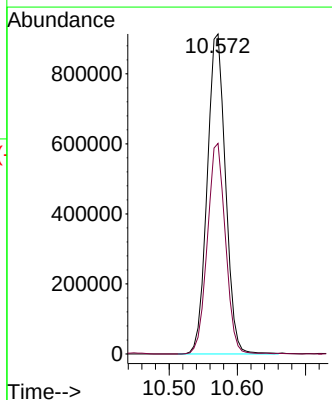
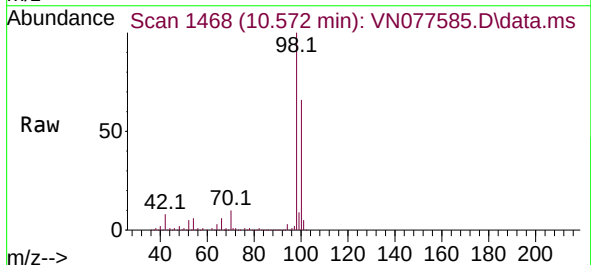
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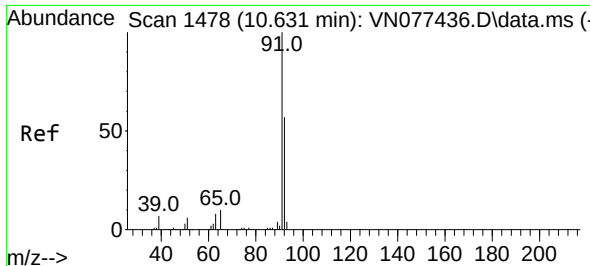
Tgt Ion: 43 Resp: 222182
Ion Ratio Lower Upper
43 100
61 21.0 24.7 37.1#
87 19.2 14.6 21.8



#50
Toluene-d8
Concen: 51.653 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

Tgt Ion: 98 Resp: 1708190
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

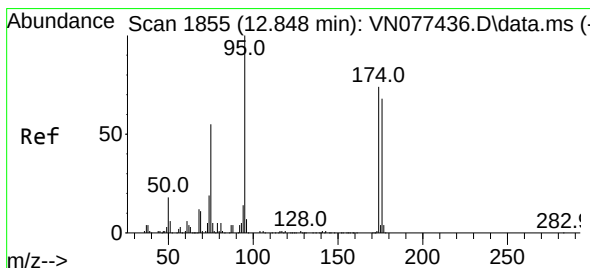
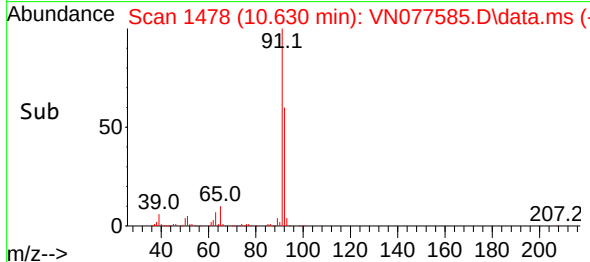
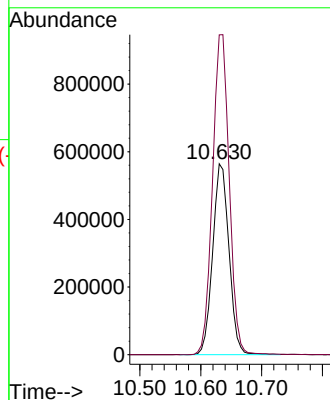
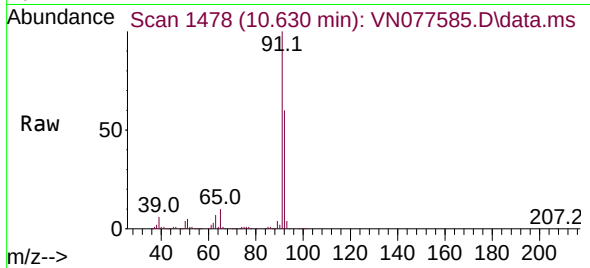




#52
Toluene
Concen: 42.157 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

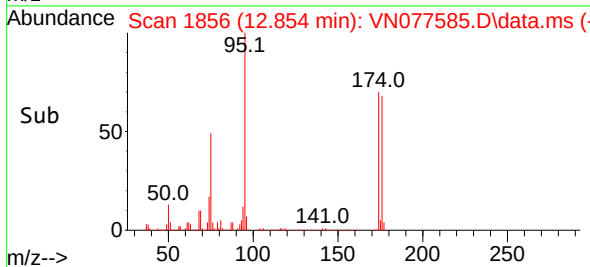
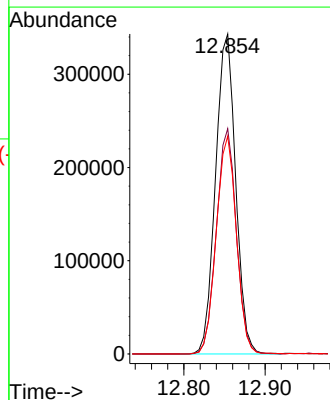
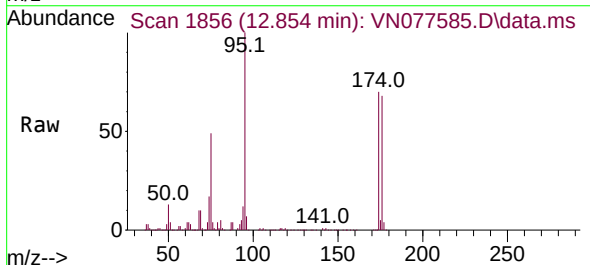
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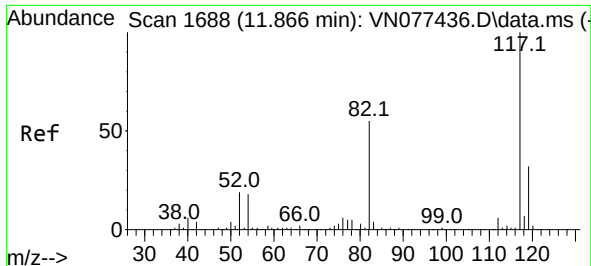
Tgt Ion: 92 Resp: 1048806
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 54.703 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

Tgt Ion: 95 Resp: 591879
Ion Ratio Lower Upper
95 100
174 69.8 0.0 143.8
176 68.1 0.0 135.8

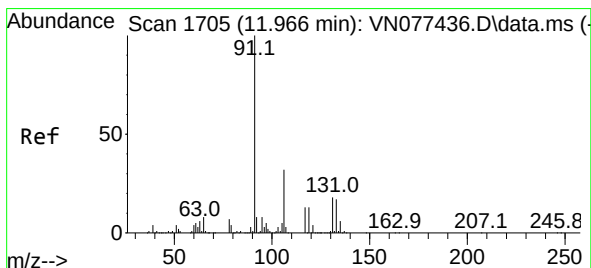
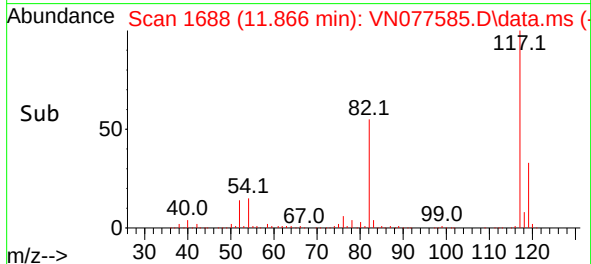
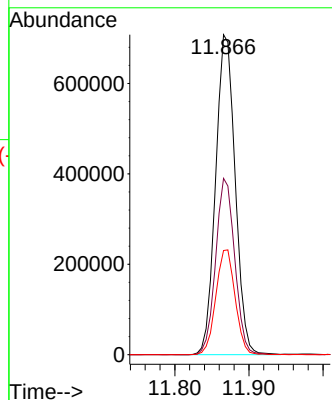
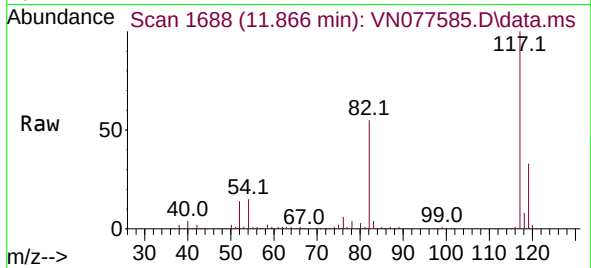




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

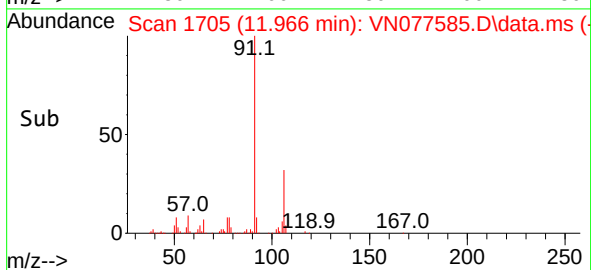
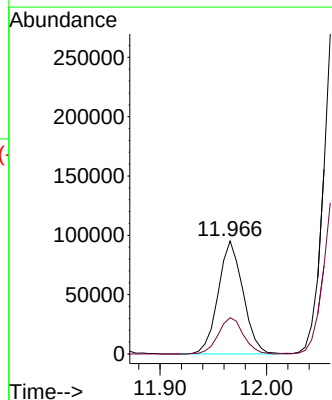
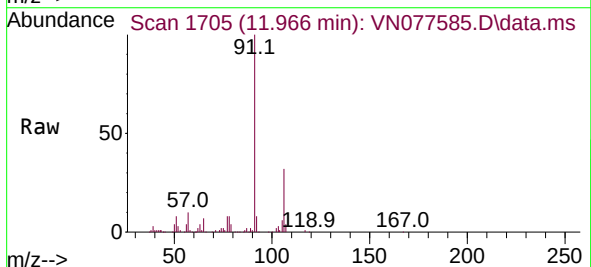
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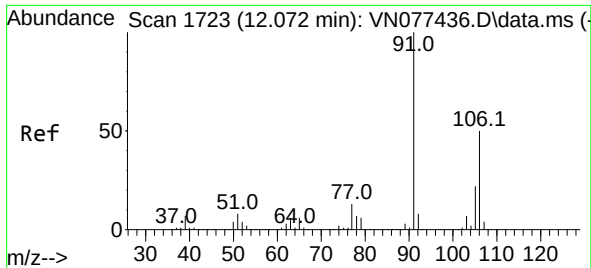
Tgt Ion:117 Resp: 1298392
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 32.5 25.6 38.4



#67
Ethyl Benzene
Concen: 3.182 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

Tgt Ion: 91 Resp: 153898
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

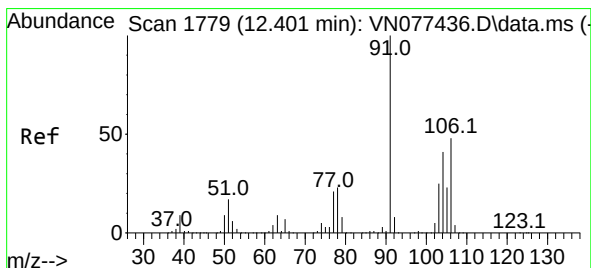
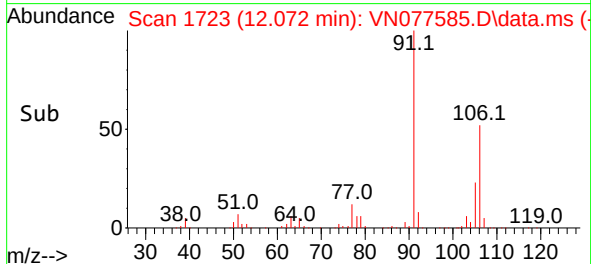
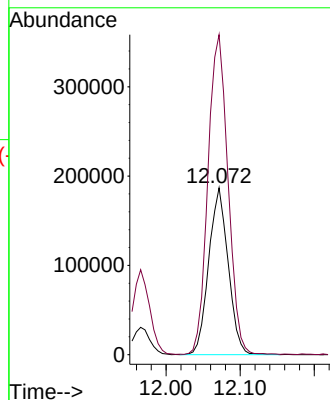
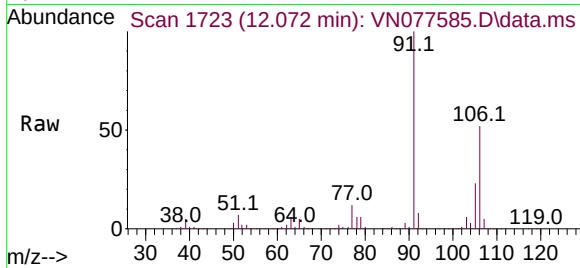




#68
m/p-Xylenes
Concen: 18.142 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

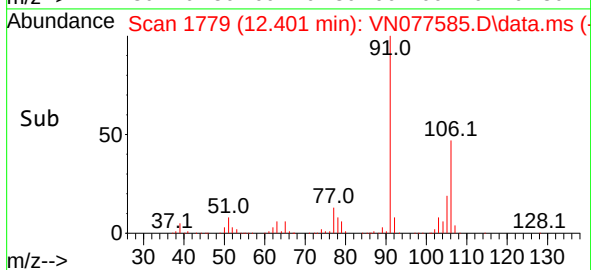
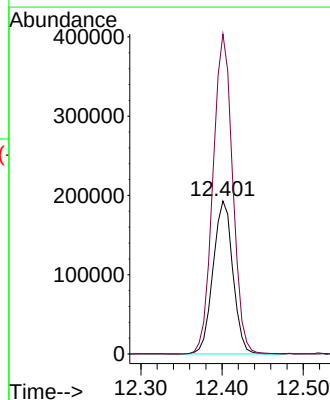
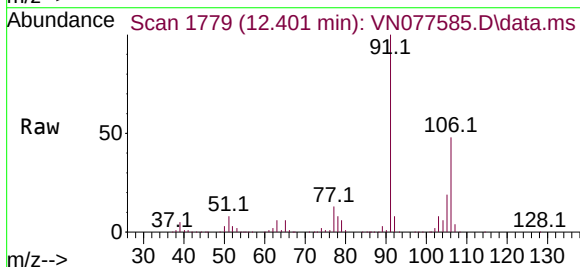
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ClientSampleId :
AUD-1987DL

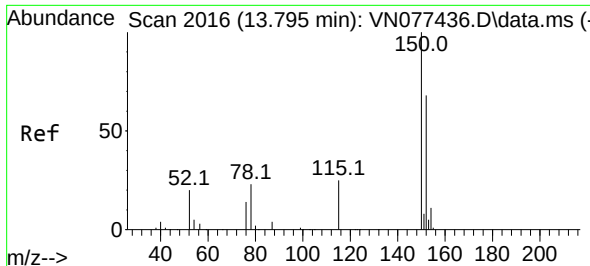
Tgt Ion:106 Resp: 341037
Ion Ratio Lower Upper
106 100
91 197.1 159.6 239.4



#69
o-Xylene
Concen: 17.693 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

Tgt Ion:106 Resp: 327145
Ion Ratio Lower Upper
106 100
91 208.3 105.2 315.5

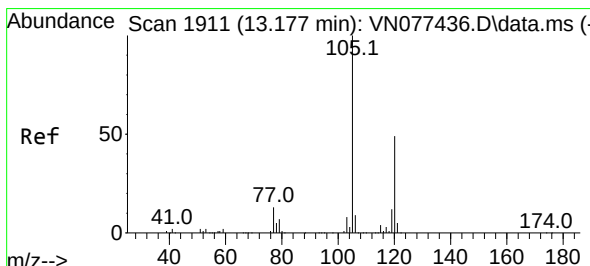
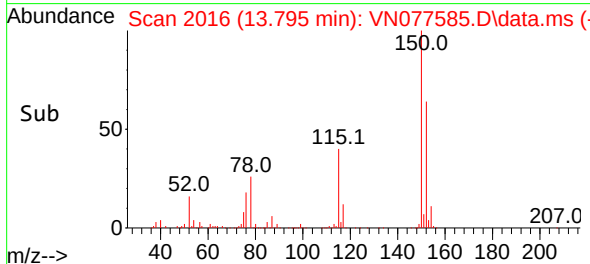
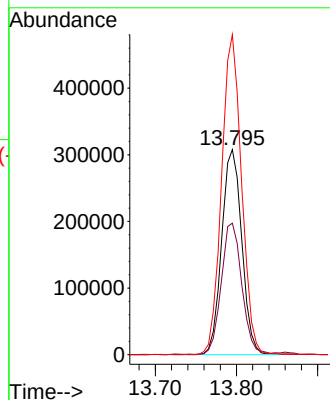
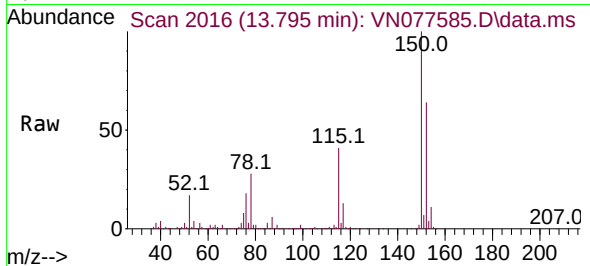




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

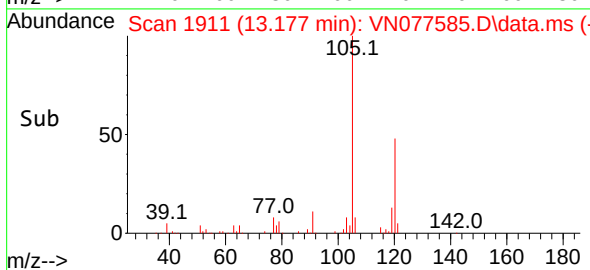
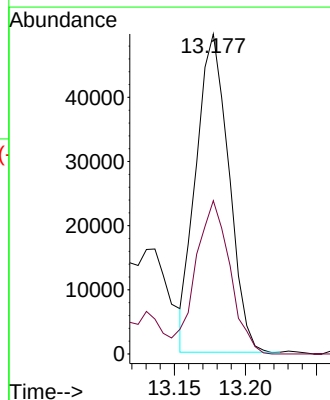
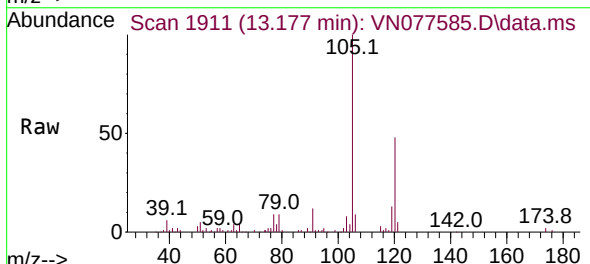
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987DL

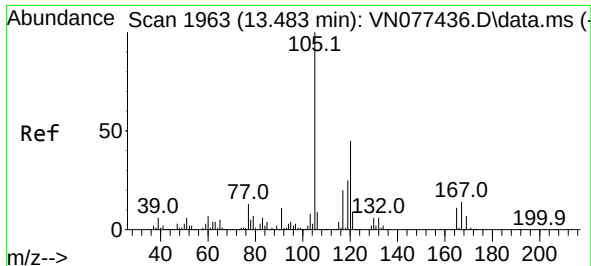
Tgt Ion:152 Resp: 529290
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 155.4 0.0 355.8



#80
1,3,5-Trimethylbenzene
Concen: 2.171 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

Tgt Ion:105 Resp: 79169
Ion Ratio Lower Upper
105 100
120 50.6 24.1 72.3

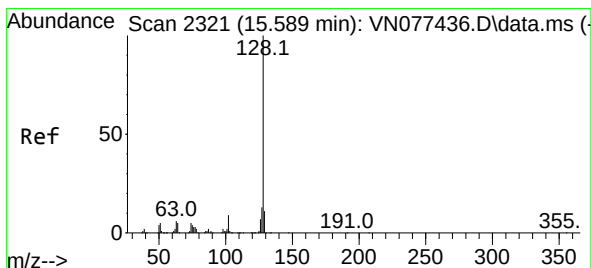
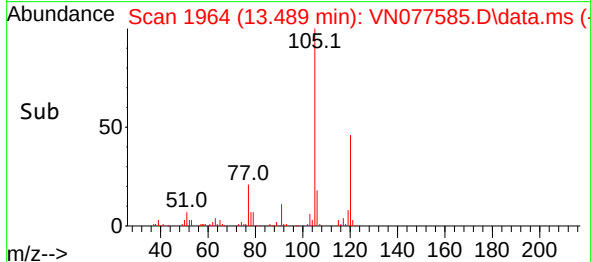
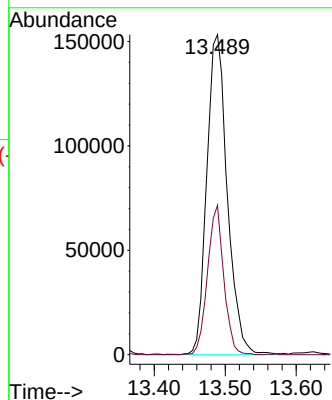
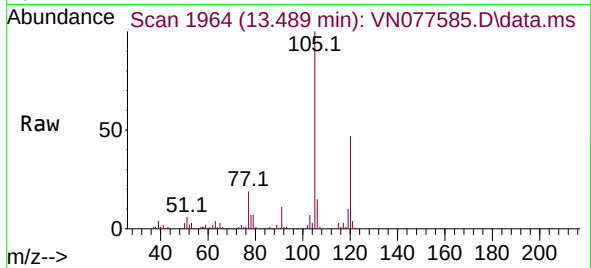




#84
1,2,4-Trimethylbenzene
Concen: 9.035 ug/l
RT: 13.489 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
AUD-1987DL

Tgt Ion:105 Resp: 307758
Ion Ratio Lower Upper
105 100
120 37.1 22.0 66.0



#95
Naphthalene
Concen: 105.616 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.053 min
Lab File: VN077585.D
Acq: 04 May 2023 17:49

Tgt Ion:128 Resp: 3592493
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.0 8.7 13.1

