

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077587.D
 Acq On : 04 May 2023 18:38
 Operator : JC\MD
 Sample : 02566-05DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1989DL

Quant Time: May 05 04:12:04 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)

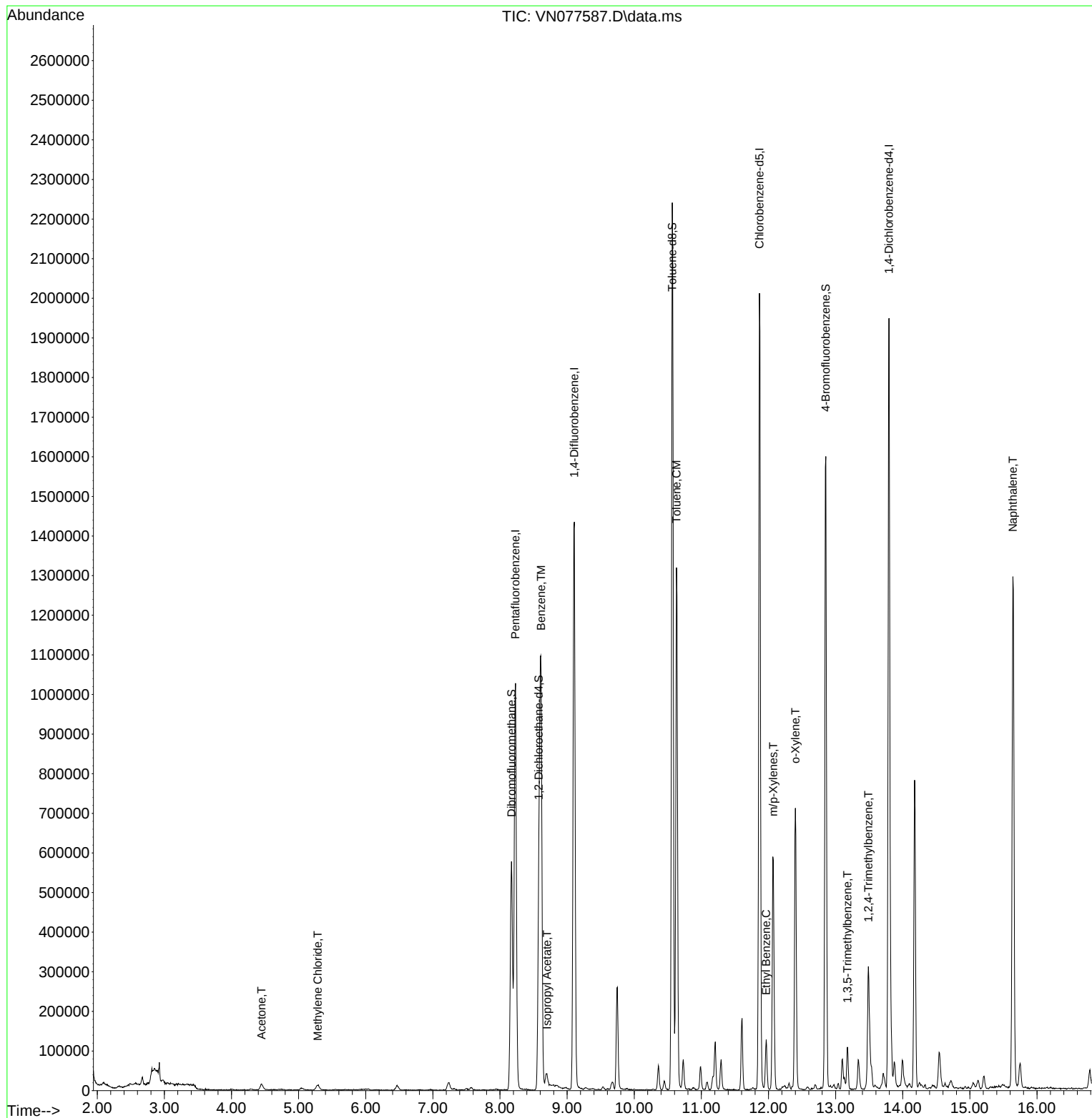
Internal Standards						
1) Pentafluorobenzene	8.231	168	757155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1403540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1299156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	544201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.578	65	445992	45.141	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.280%		
35) Dibromofluoromethane	8.172	113	420694	49.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.740%		
50) Toluene-d8	10.566	98	1683874	52.082	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.160%		
62) 4-Bromofluorobenzene	12.854	95	619146	58.532	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	117.060%		
Target Compounds						
16) Acetone	4.449	43	27633	8.791	ug/l	97
20) Methylene Chloride	5.284	84	12515	1.256	ug/l #	84
40) Benzene	8.613	78	1138657	30.669	ug/l	100
43) Isopropyl Acetate	8.701	43	39057	2.438	ug/l	93
52) Toluene	10.630	92	629463	25.880	ug/l	100
67) Ethyl Benzene	11.966	91	93212	1.926	ug/l	97
68) m/p-Xylenes	12.072	106	207941	11.055	ug/l	96
69) o-Xylene	12.401	106	214597	11.599	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	60446	1.612	ug/l	97
84) 1,2,4-Trimethylbenzene	13.489	105	218297	6.233	ug/l	88
95) Naphthalene	15.642	128	1322029	53.914	ug/l	99

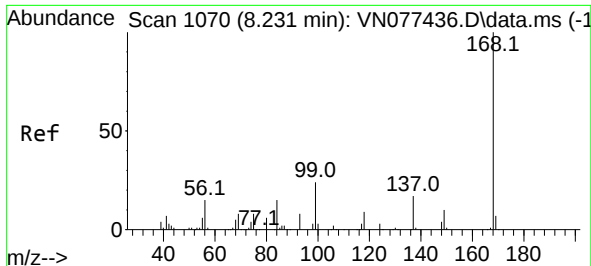
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

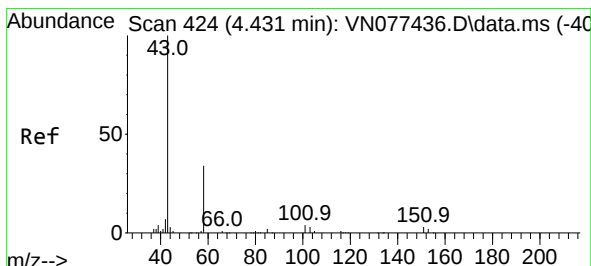
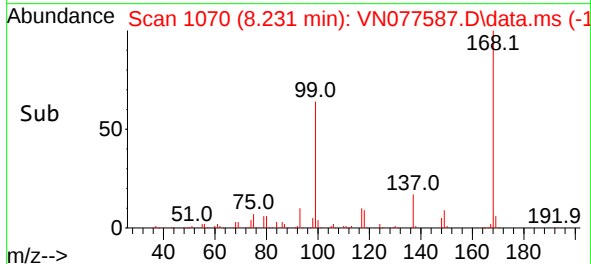
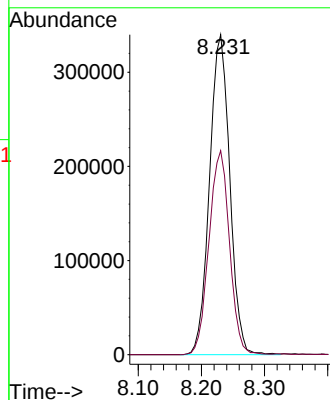
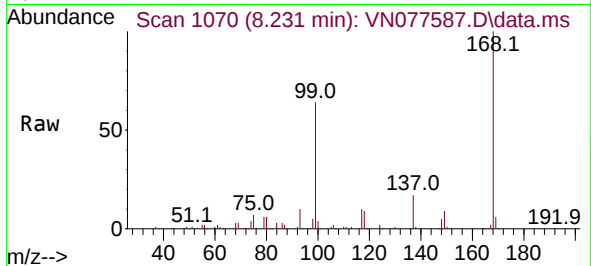




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

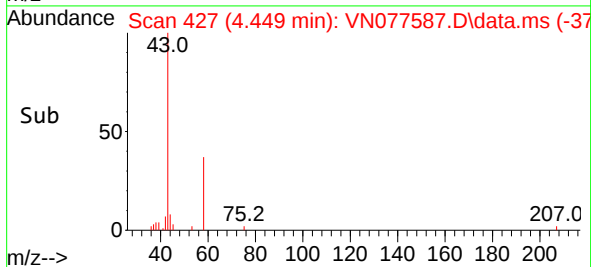
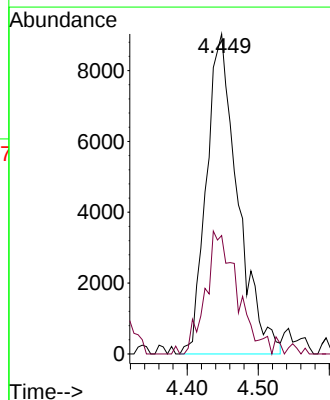
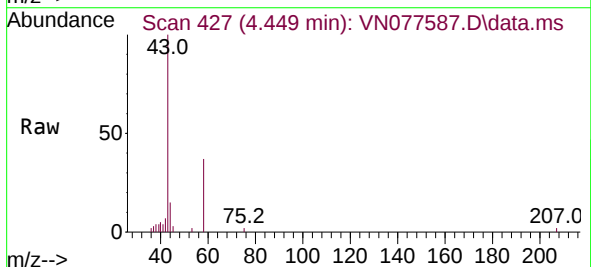
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989DL

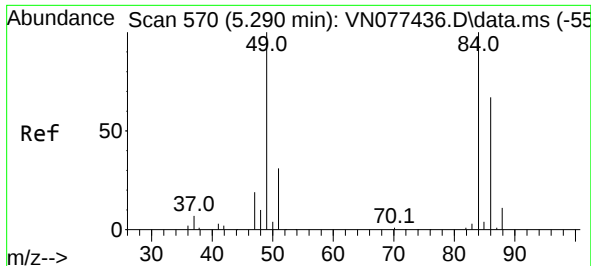
Tgt Ion:168 Resp: 757155
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#16
Acetone
Concen: 8.791 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

Tgt Ion: 43 Resp: 27633
Ion Ratio Lower Upper
43 100
58 37.0 28.0 42.0

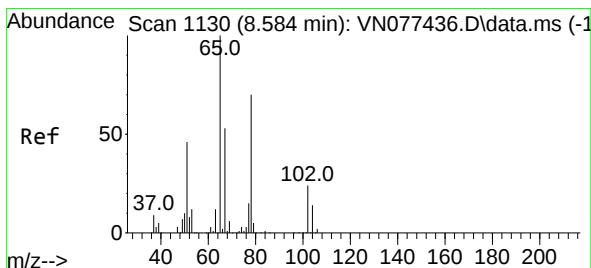
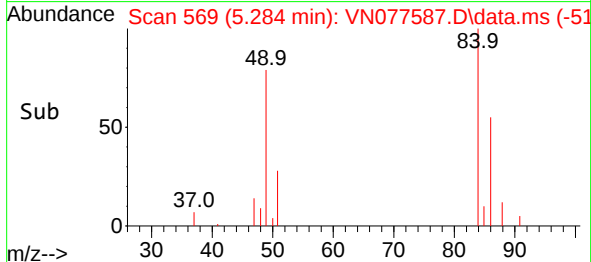
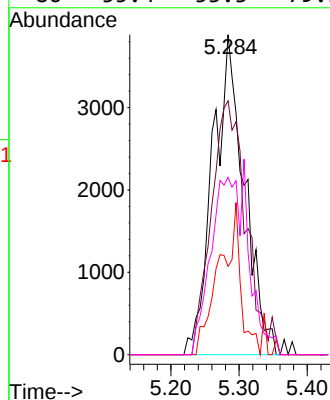
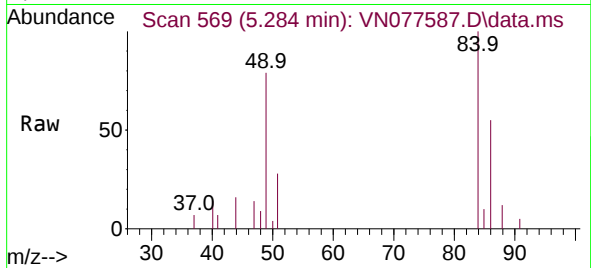




#20
Methylene Chloride
Concen: 1.256 ug/l
RT: 5.284 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

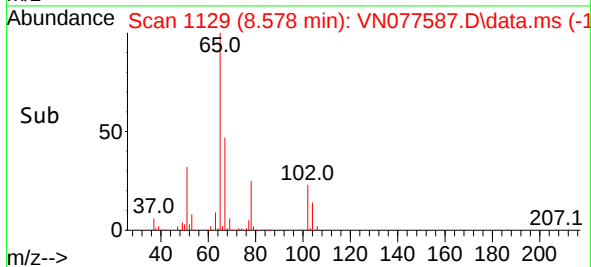
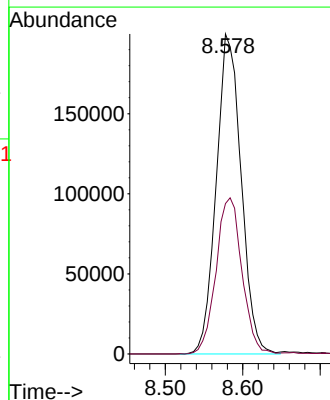
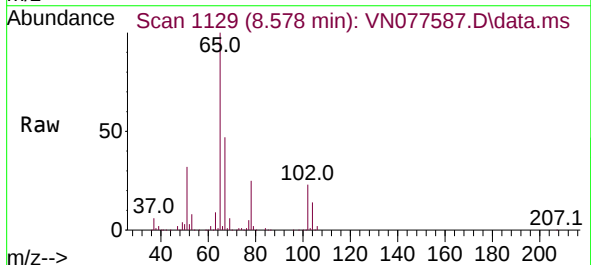
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989DL

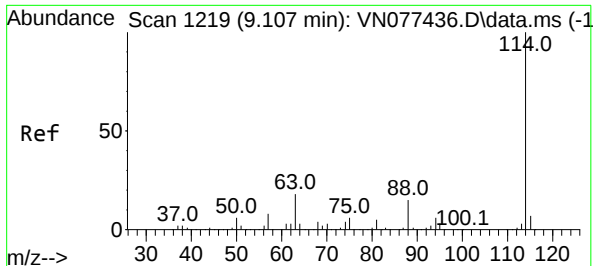
Tgt Ion: 84	Resp: 12515
Ion Ratio	Lower Upper
84 100	
49 79.3	79.7 119.5#
51 27.6	25.2 37.8
86 55.4	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 45.141 ug/l
RT: 8.578 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

Tgt Ion: 65	Resp: 445992
Ion Ratio	Lower Upper
65 100	
67 50.8	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: VN077587.D

Acq: 04 May 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

AUD-1989DL

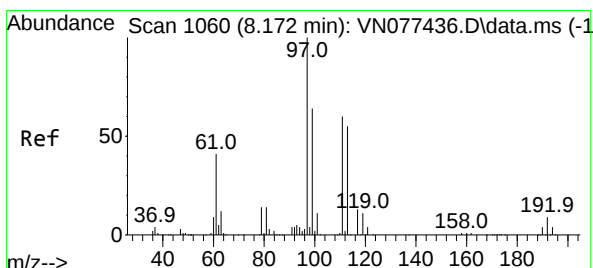
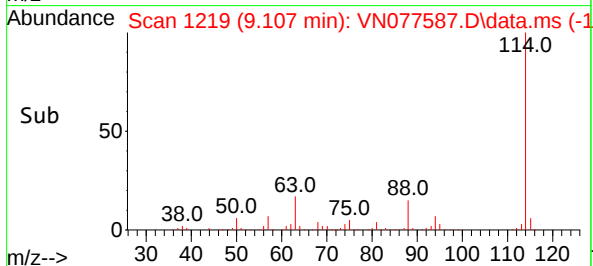
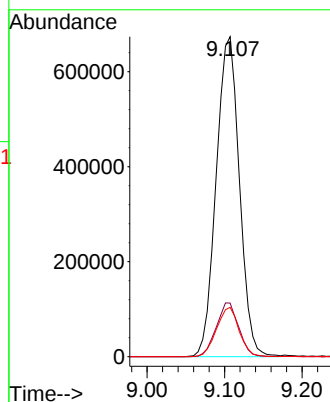
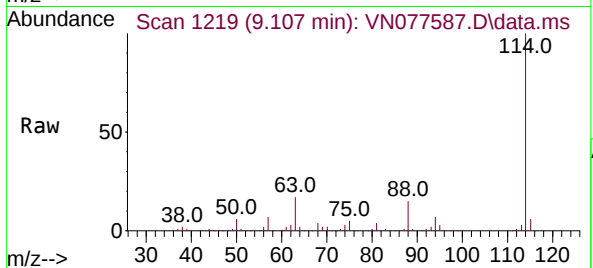
Tgt Ion:114 Resp: 1403540

Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.870 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077587.D

Acq: 04 May 2023 18:38

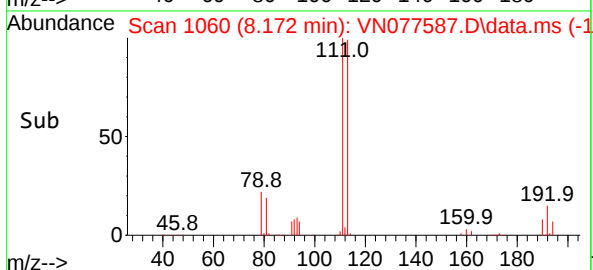
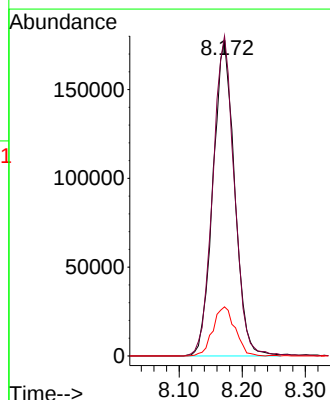
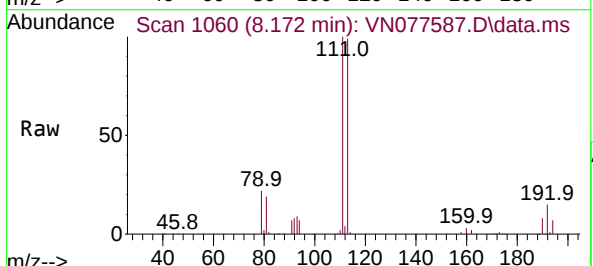
Tgt Ion:113 Resp: 420694

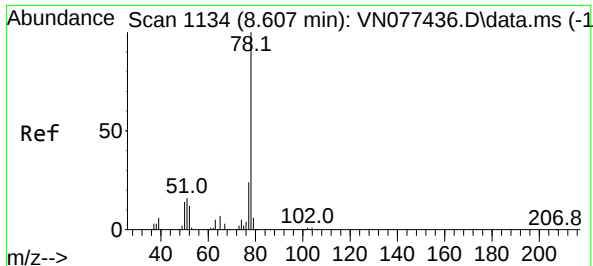
Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 16.0 12.7 19.1

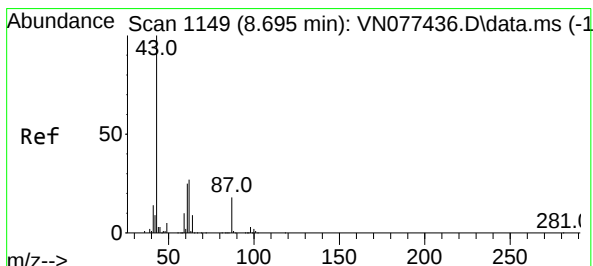
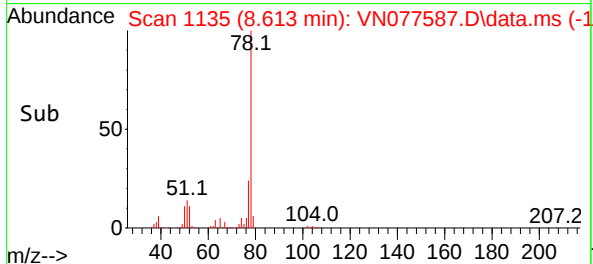
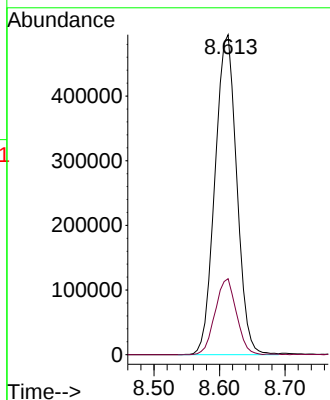
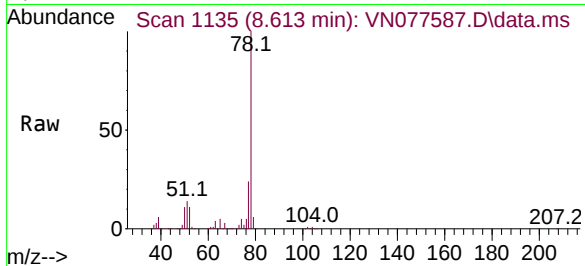




#40
Benzene
Concen: 30.669 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

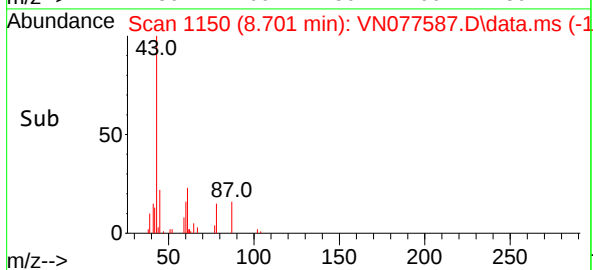
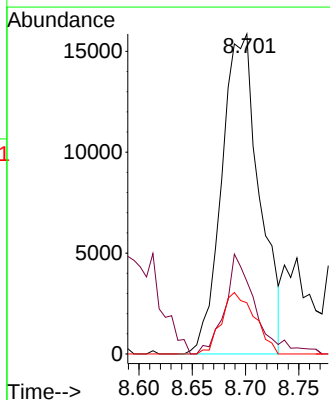
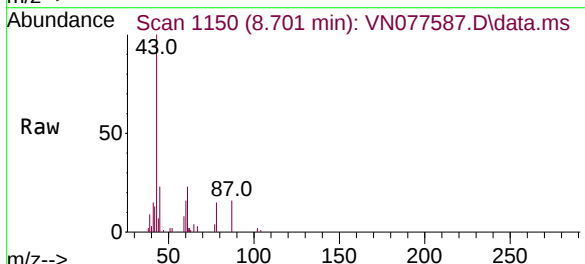
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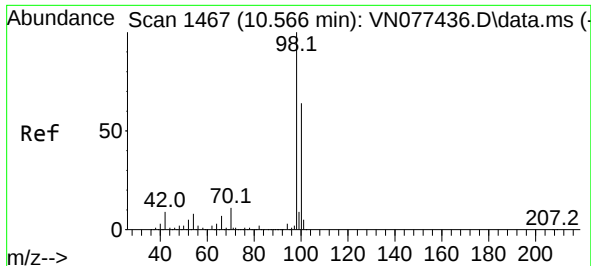
Tgt Ion: 78 Resp: 1138657
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



#43
Isopropyl Acetate
Concen: 2.438 ug/l
RT: 8.701 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

Tgt Ion: 43 Resp: 39057
Ion Ratio Lower Upper
43 100
61 25.2 24.7 37.1
87 17.0 14.6 21.8

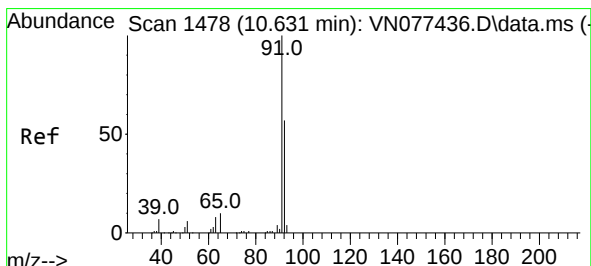
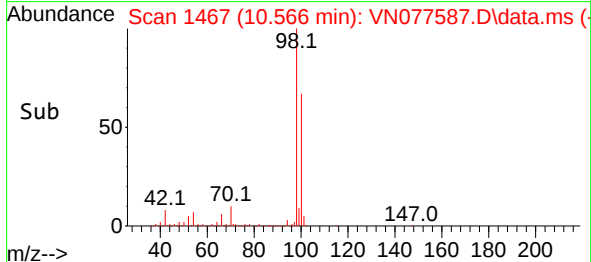
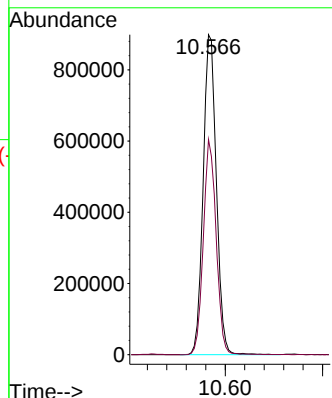
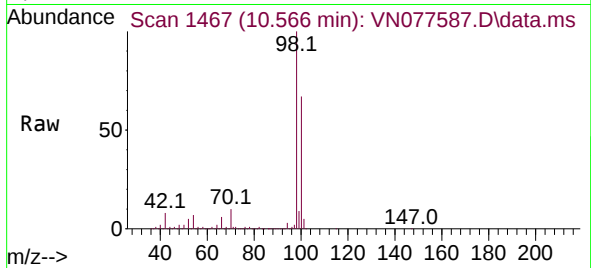




#50
Toluene-d8
Concen: 52.082 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

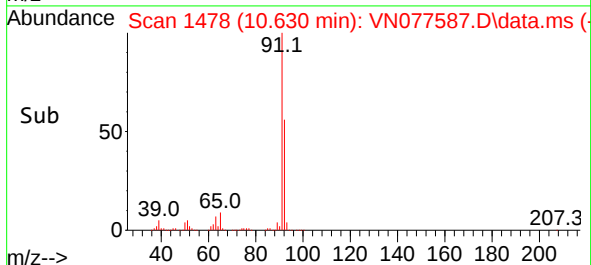
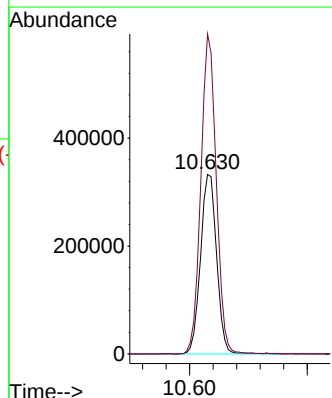
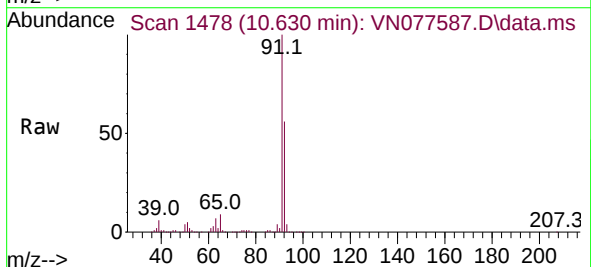
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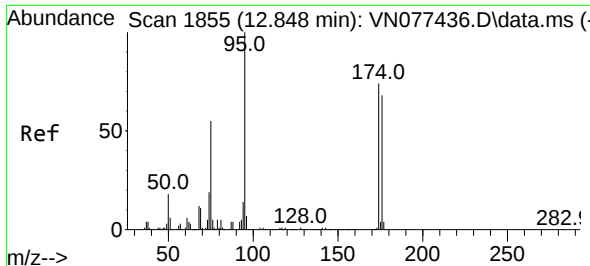
Tgt Ion: 98 Resp: 1683874
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#52
Toluene
Concen: 25.880 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

Tgt Ion: 92 Resp: 629463
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0

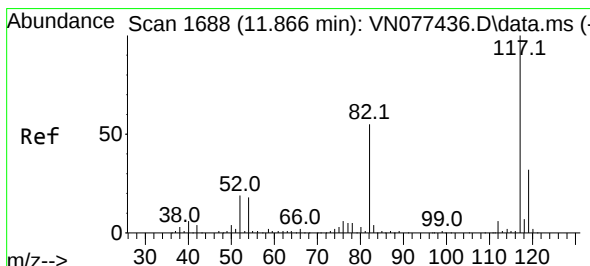
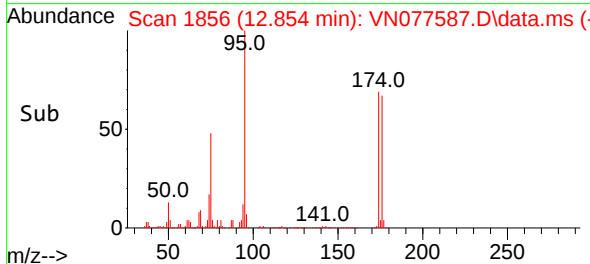
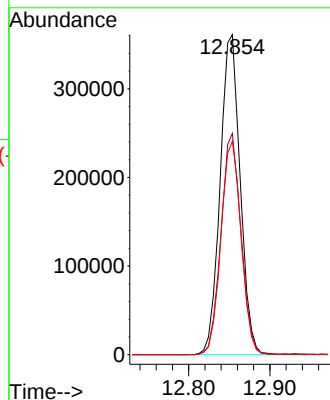
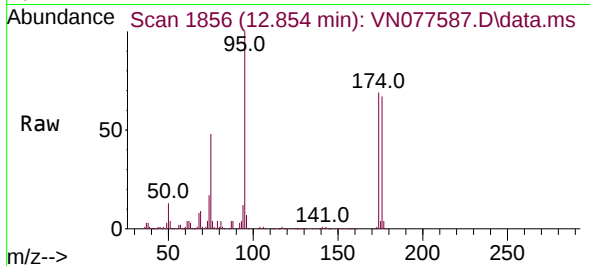




#62
4-Bromofluorobenzene
Concen: 58.532 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

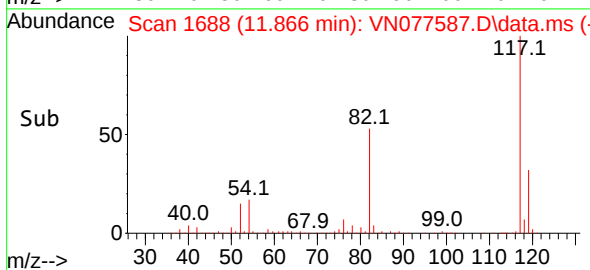
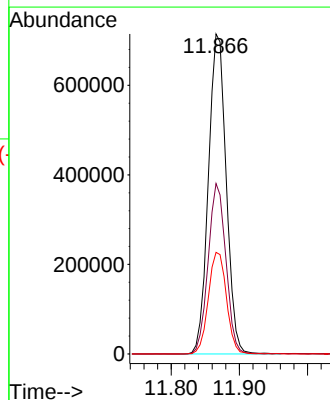
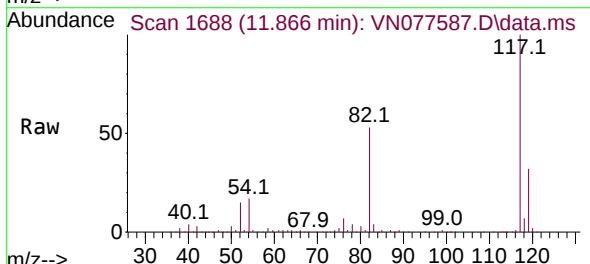
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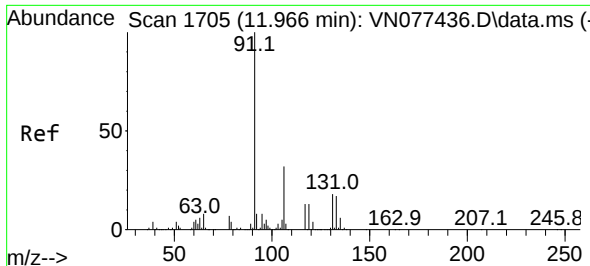
Tgt Ion: 95 Resp: 619146
Ion Ratio Lower Upper
95 100
174 69.0 0.0 143.8
176 67.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

Tgt Ion: 117 Resp: 1299156
Ion Ratio Lower Upper
117 100
82 53.2 44.0 66.0
119 31.7 25.6 38.4

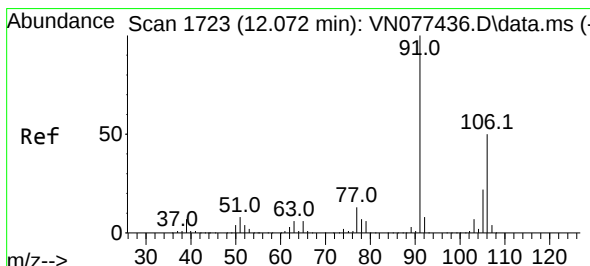
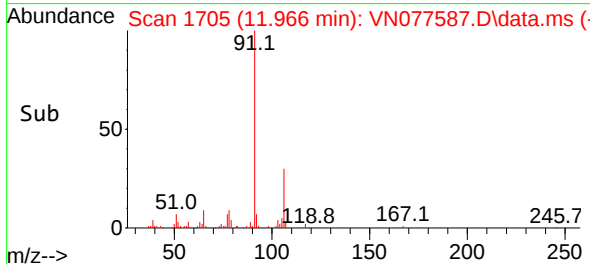
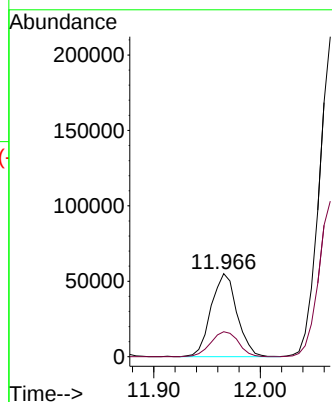
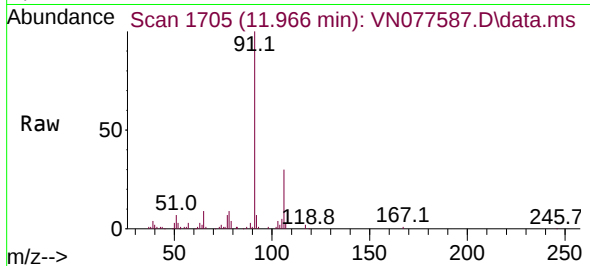




#67
Ethyl Benzene
Concen: 1.926 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

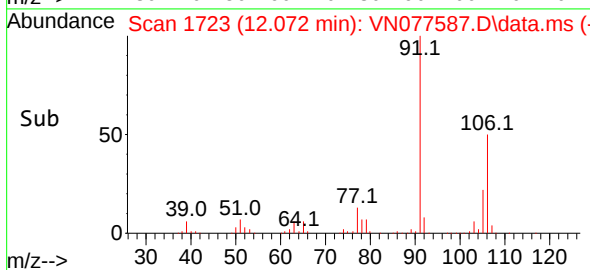
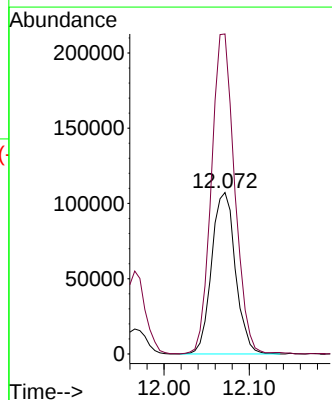
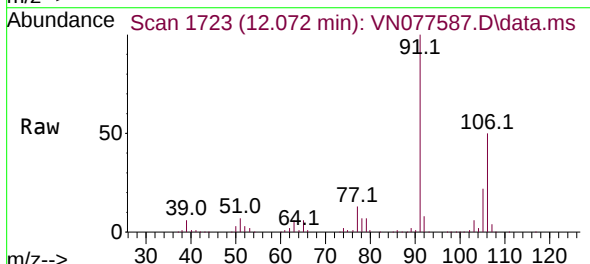
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989DL

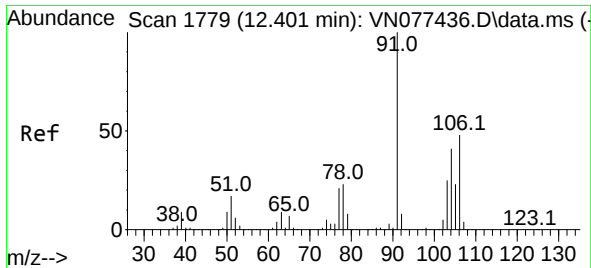
Tgt Ion: 91 Resp: 93212
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4



#68
m/p-Xylenes
Concen: 11.055 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

Tgt Ion:106 Resp: 207941
Ion Ratio Lower Upper
106 100
91 193.4 159.6 239.4

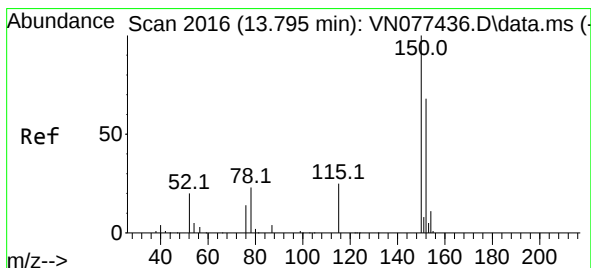
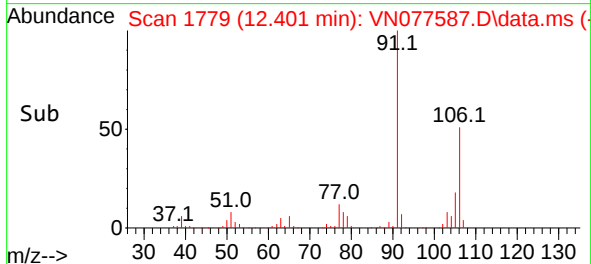
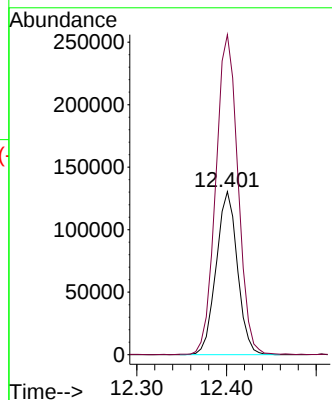
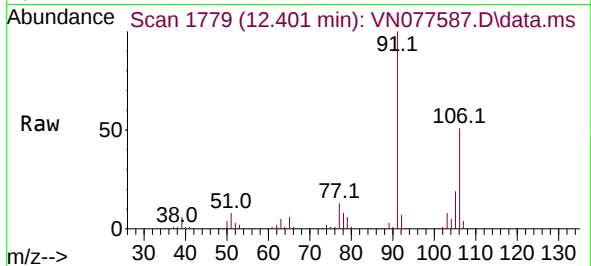




#69
o-Xylene
Concen: 11.599 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

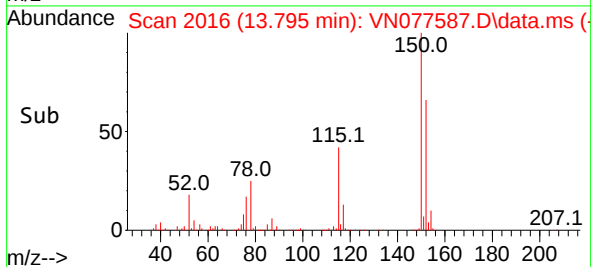
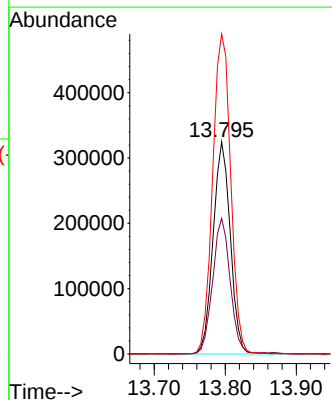
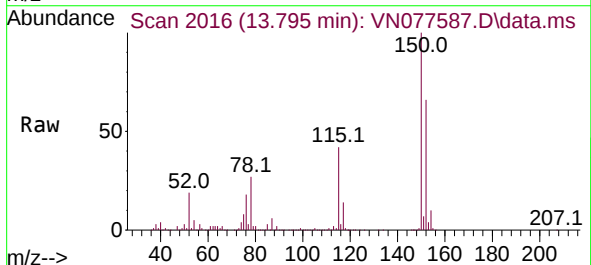
Instrument :
MSVOA_N
ClientSampleId :
AUD-1989DL

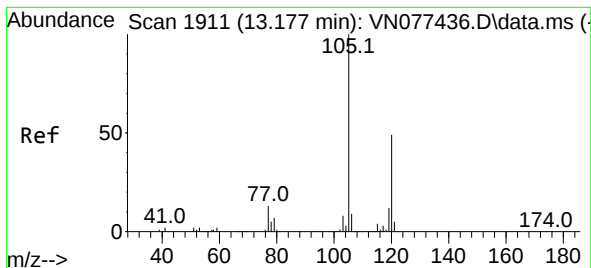
Tgt Ion:106 Resp: 214597
Ion Ratio Lower Upper
106 100
91 205.1 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

Tgt Ion:152 Resp: 544201
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 158.5 0.0 355.8





#80

1,3,5-Trimethylbenzene

Concen: 1.612 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077587.D

Acq: 04 May 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

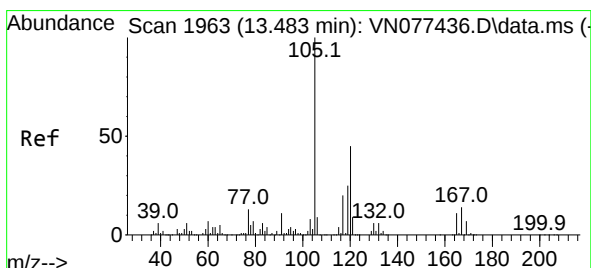
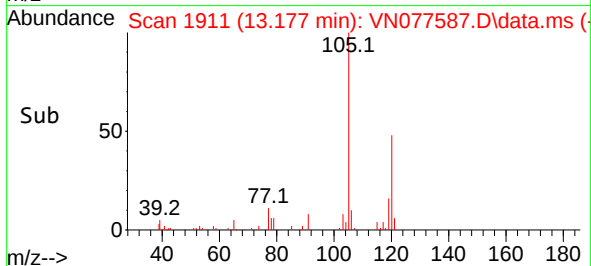
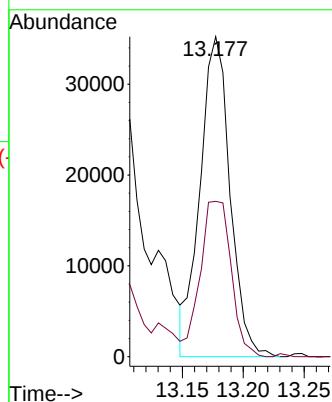
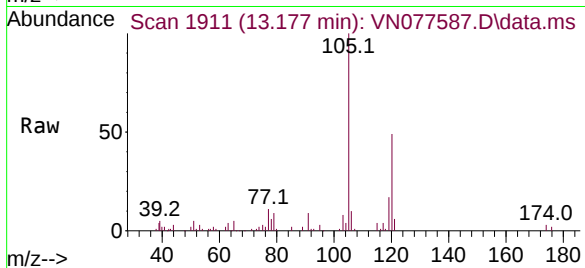
AUD-1989DL

Tgt Ion:105 Resp: 60446

Ion Ratio Lower Upper

105 100

120 50.3 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 6.233 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VN077587.D

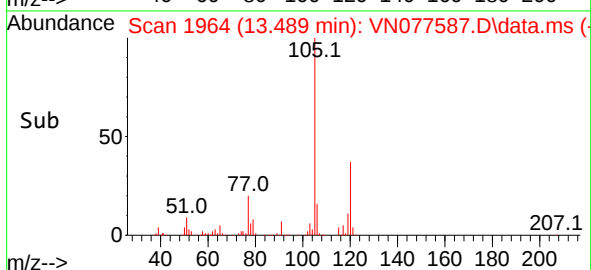
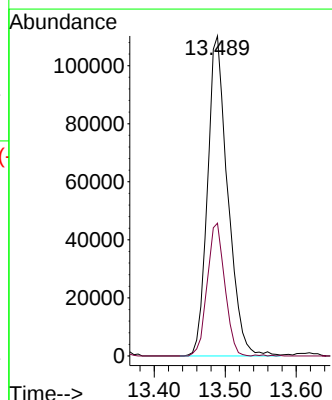
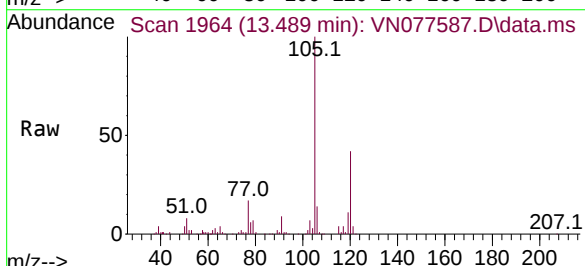
Acq: 04 May 2023 18:38

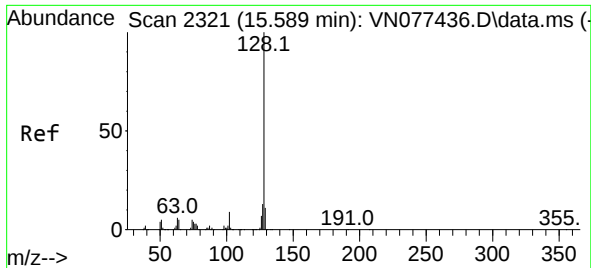
Tgt Ion:105 Resp: 218297

Ion Ratio Lower Upper

105 100

120 36.0 22.0 66.0





#95
Naphthalene
Concen: 53.914 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077587.D
Acq: 04 May 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
AUD-1989DL

Tgt Ion:128 Resp: 1322029
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.6 8.7 13.1

