

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077584.D
 Acq On : 04 May 2023 17:25
 Operator : JC\MD
 Sample : 02566-02DL 2X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1986DL

Quant Time: May 05 04:11:28 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)

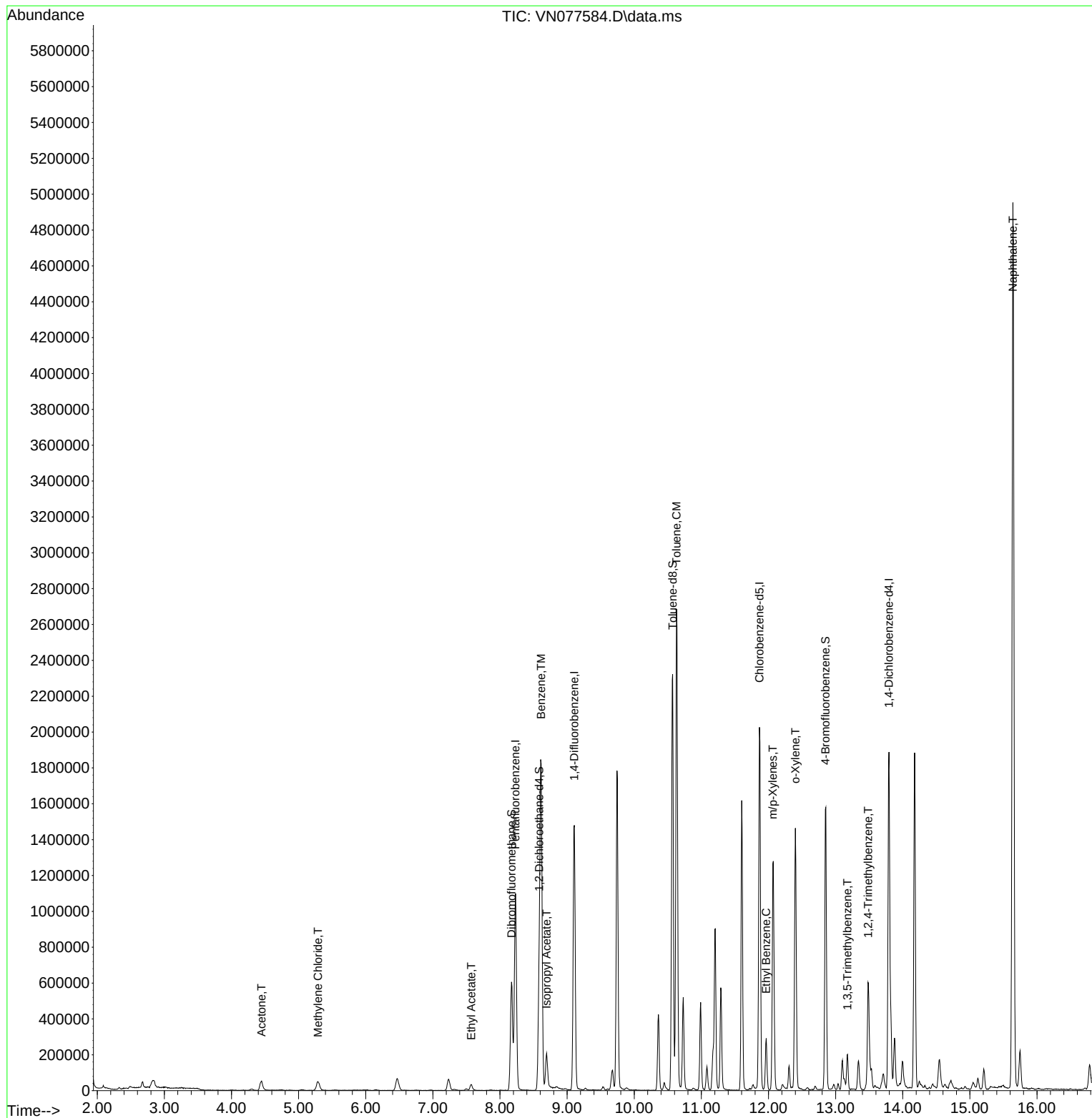
Internal Standards						
1) Pentafluorobenzene	8.231	168	787291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1461915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1336589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	538023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	463122	45.080	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.160%			
35) Dibromofluoromethane	8.172	113	445538	50.706	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	10.572	98	1744960	51.816	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.640%			
62) 4-Bromofluorobenzene	12.848	95	607132	55.104	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.200%			
Target Compounds					Qvalue	
16) Acetone	4.448	43	95218	29.134	ug/l	96
20) Methylene Chloride	5.290	84	47028	4.537	ug/l	91
37) Ethyl Acetate	7.572	43	47445	4.918	ug/l	97
40) Benzene	8.613	78	1985518	51.343	ug/l	99
43) Isopropyl Acetate	8.695	43	209079	12.529	ug/l #	89
52) Toluene	10.630	92	1315287	51.918	ug/l	98
67) Ethyl Benzene	11.966	91	199514	4.007	ug/l	94
68) m/p-Xylenes	12.066	106	442782	22.882	ug/l	100
69) o-Xylene	12.401	106	433505	22.776	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	118947	3.208	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	427444	12.344	ug/l	91
95) Naphthalene	15.642	128	4943553m	127.220	ug/l	

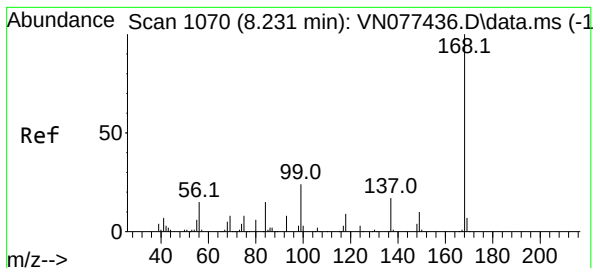
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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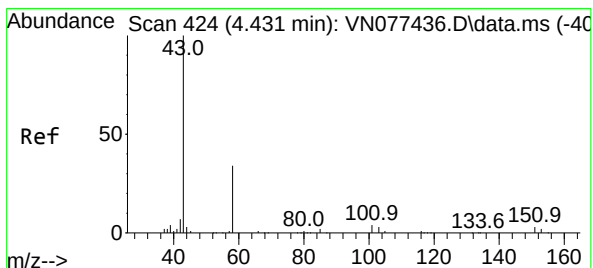
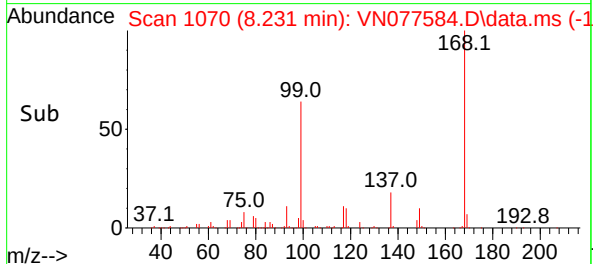
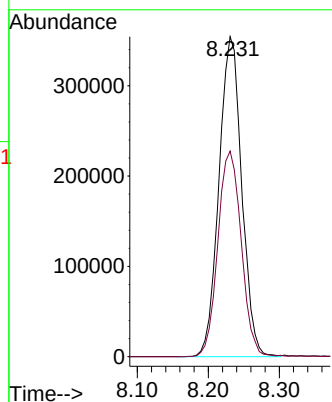
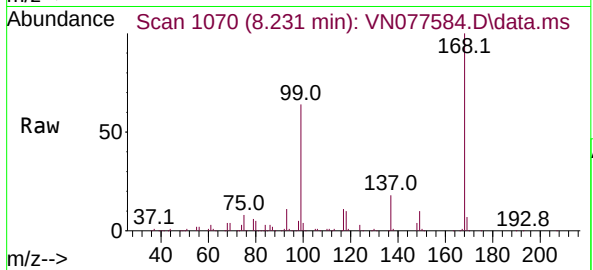




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077584.D
Acq: 04 May 2023 17:25

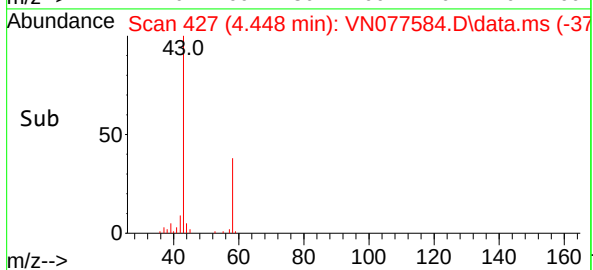
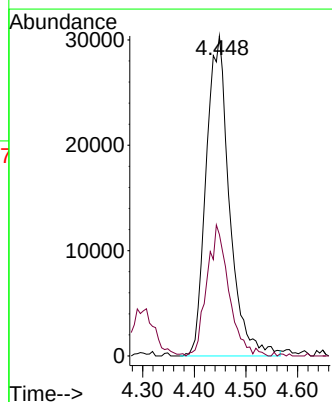
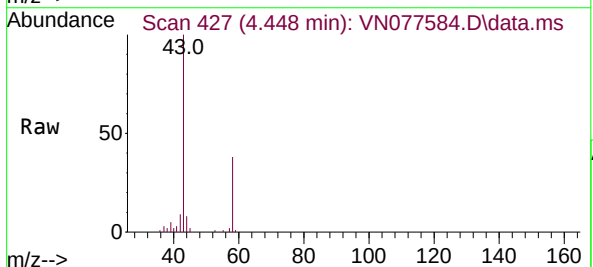
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986DL

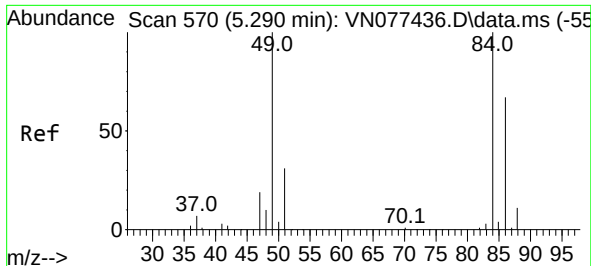
Tgt Ion:168 Resp: 787291
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#16
Acetone
Concen: 29.134 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN077584.D
Acq: 04 May 2023 17:25

Tgt Ion: 43 Resp: 95218
Ion Ratio Lower Upper
43 100
58 37.4 28.0 42.0



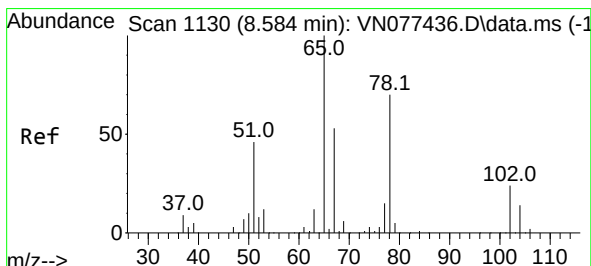
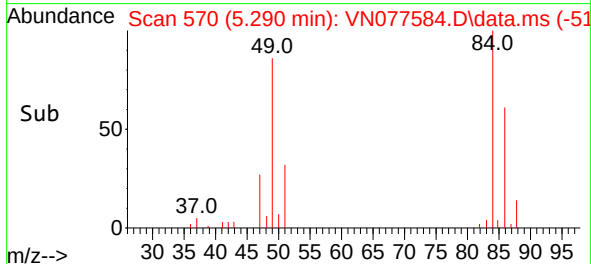
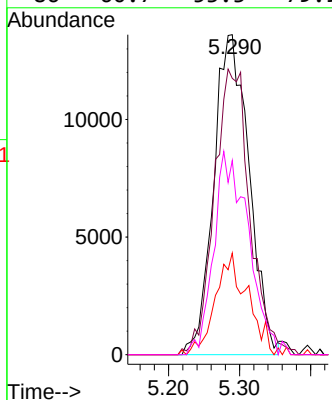
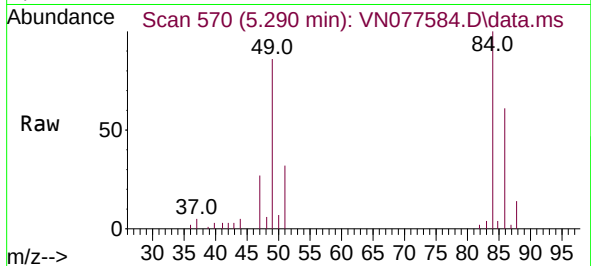


#20
Methylene Chloride
Concen: 4.537 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077584.D
Acq: 04 May 2023 17:25

Instrument :
MSVOA_N
ClientSampleId :
AUD-1986DL

Tgt Ion: 84 Resp: 47028

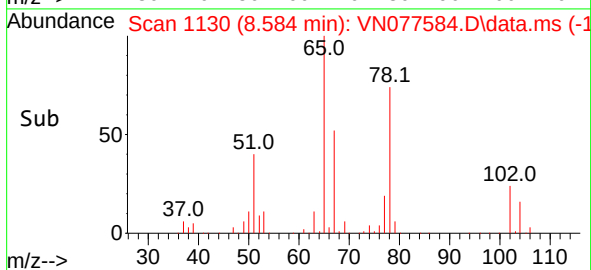
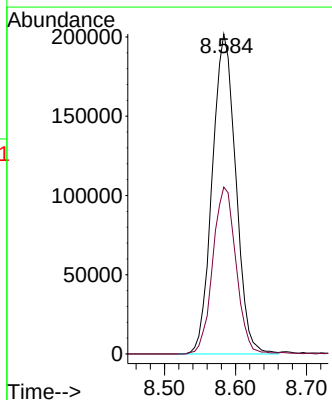
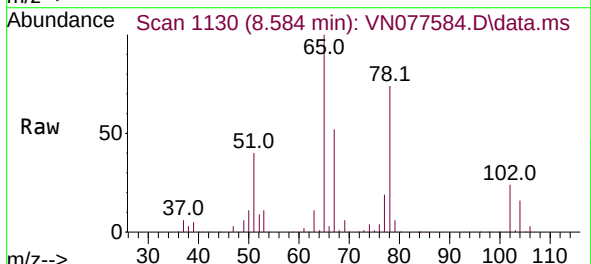
Ion	Ratio	Lower	Upper
84	100		
49	86.4	79.7	119.5
51	31.8	25.2	37.8
86	60.7	53.3	79.9

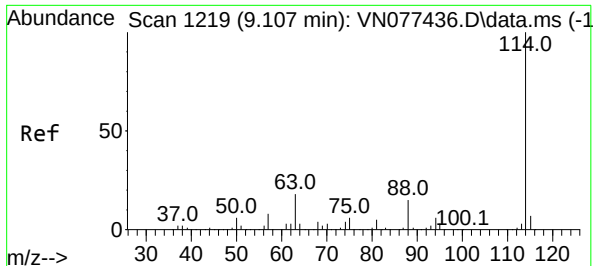


#33
1,2-Dichloroethane-d4
Concen: 45.080 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077584.D
Acq: 04 May 2023 17:25

Tgt Ion: 65 Resp: 463122

Ion	Ratio	Lower	Upper
65	100		
67	51.5	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: VN077584.D

Acq: 04 May 2023 17:25

Instrument :

MSVOA_N

ClientSampleId :

AUD-1986DL

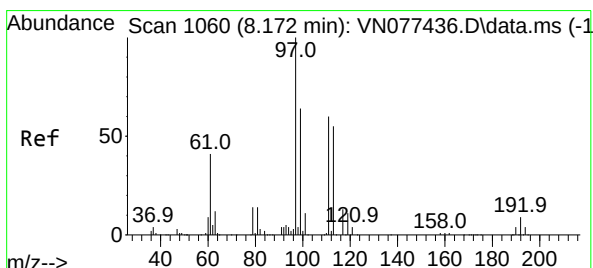
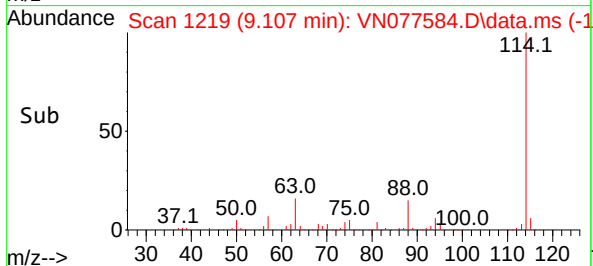
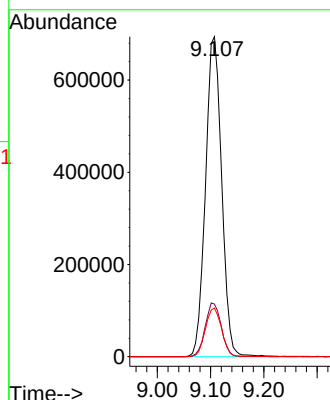
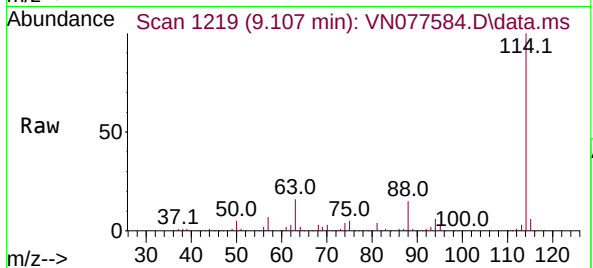
Tgt Ion:114 Resp: 1461915

Ion Ratio Lower Upper

114 100

63 16.5 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.706 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077584.D

Acq: 04 May 2023 17:25

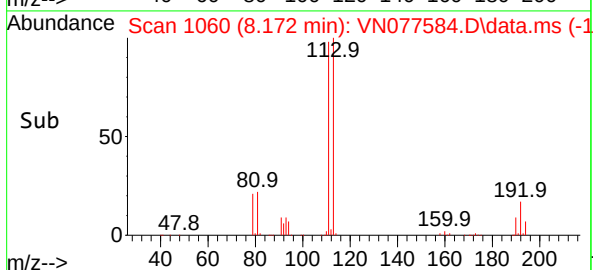
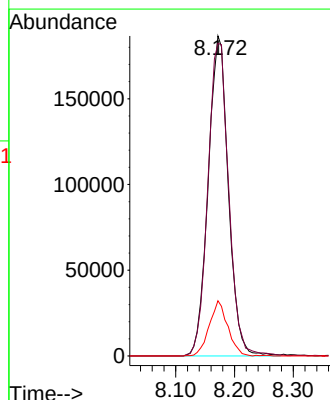
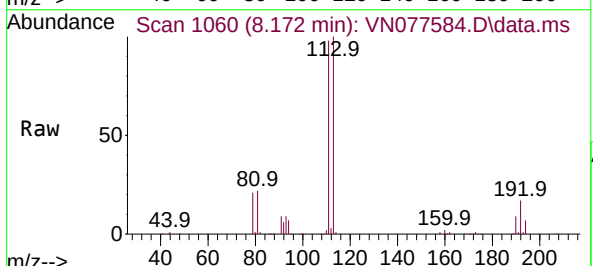
Tgt Ion:113 Resp: 445538

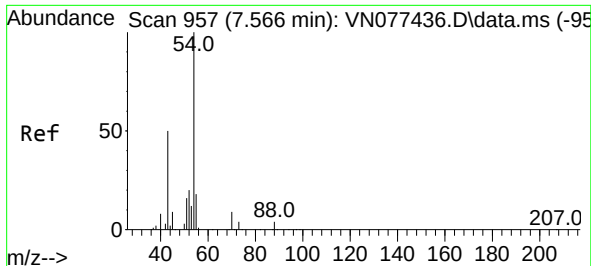
Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

192 15.8 12.7 19.1





#37

Ethyl Acetate

Concen: 4.918 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077584.D

Acq: 04 May 2023 17:25

Instrument :

MSVOA_N

ClientSampleId :

AUD-1986DL

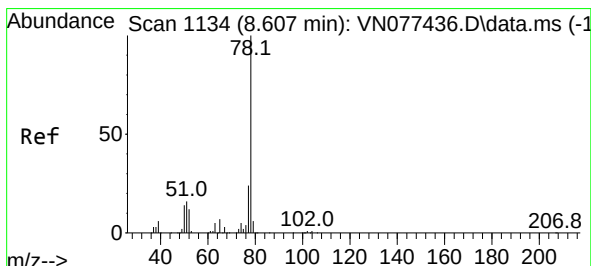
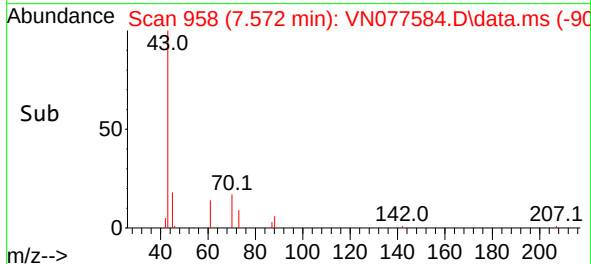
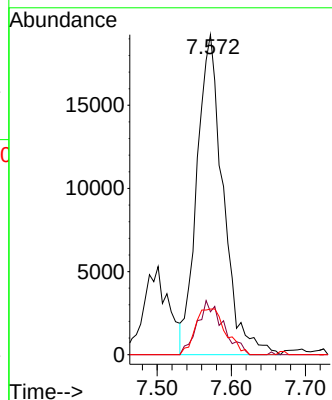
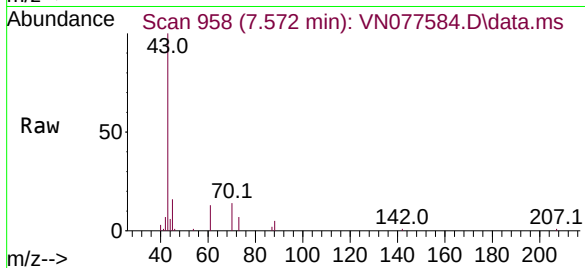
Tgt Ion: 43 Resp: 47445

Ion Ratio Lower Upper

43 100

61 16.7 13.2 19.8

70 16.5 11.3 16.9



#40

Benzene

Concen: 51.343 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077584.D

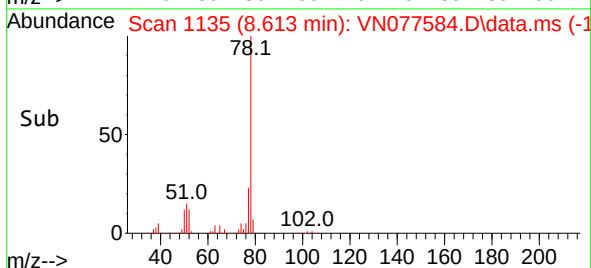
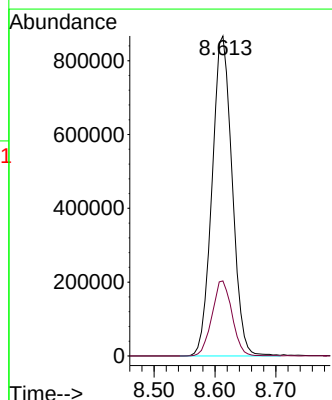
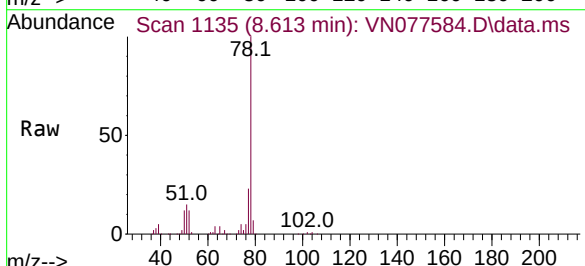
Acq: 04 May 2023 17:25

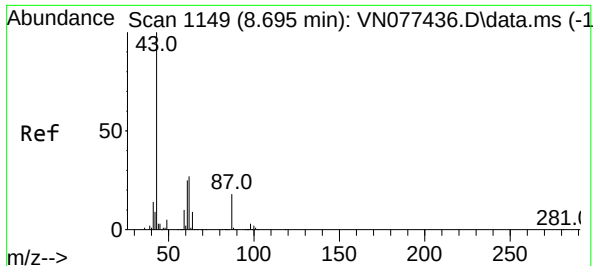
Tgt Ion: 78 Resp: 1985518

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6





#43

Isopropyl Acetate

Concen: 12.529 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN077584.D

Acq: 04 May 2023 17:25

Instrument :

MSVOA_N

ClientSampleId :

AUD-1986DL

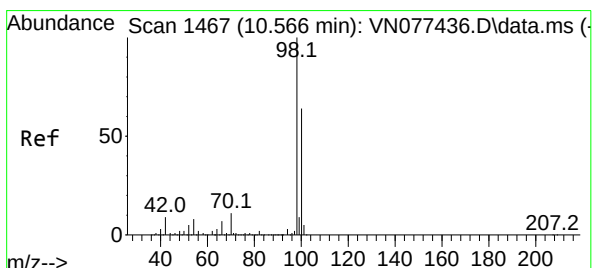
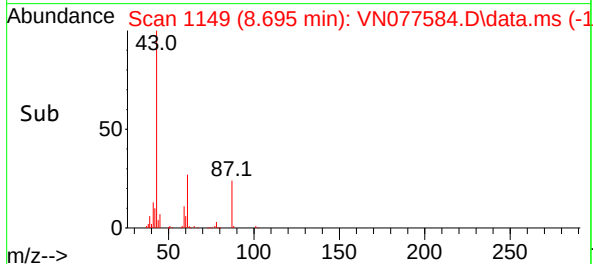
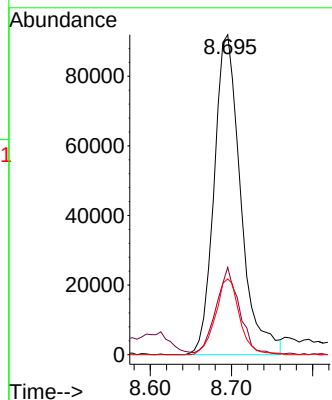
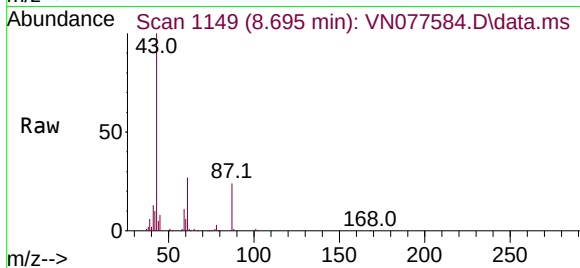
Tgt Ion: 43 Resp: 209079

Ion Ratio Lower Upper

43 100

61 23.7 24.7 37.1#

87 21.6 14.6 21.8



#50

Toluene-d8

Concen: 51.816 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077584.D

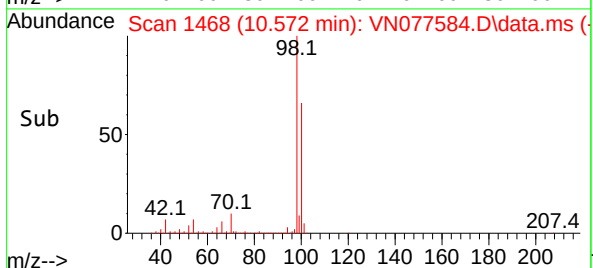
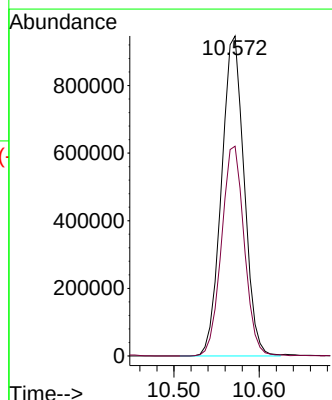
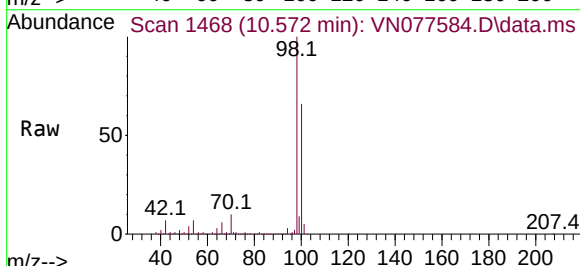
Acq: 04 May 2023 17:25

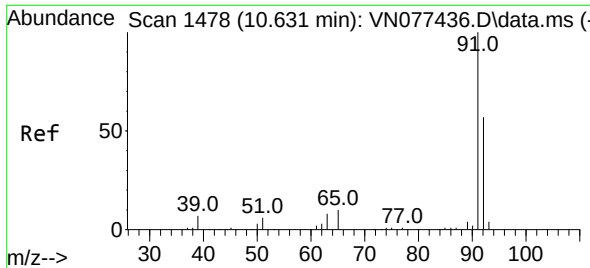
Tgt Ion: 98 Resp: 1744960

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0

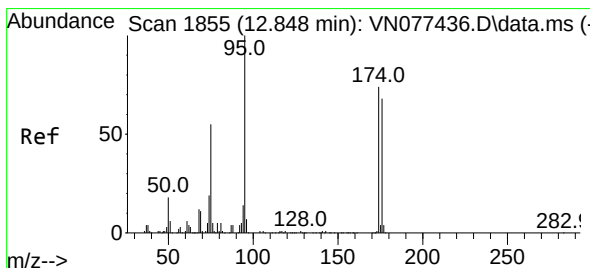
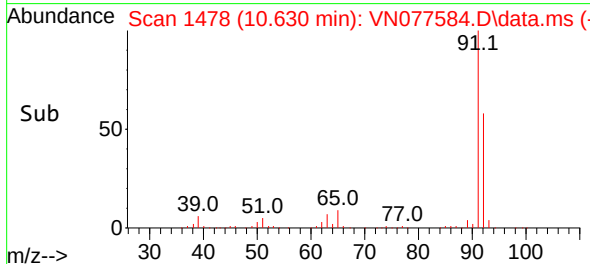
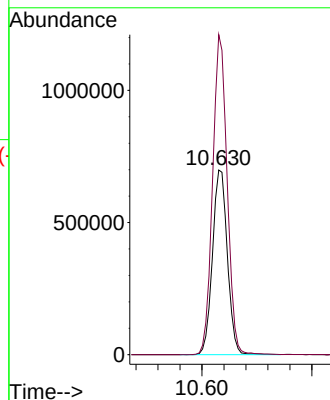
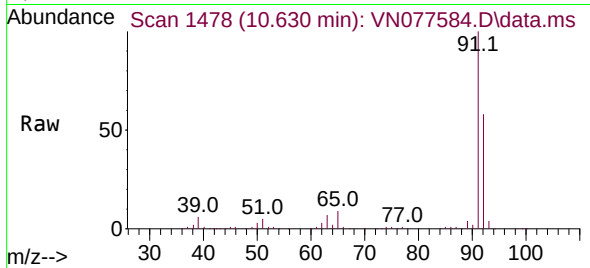




#52
Toluene
Concen: 51.918 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077584.D
Acq: 04 May 2023 17:25

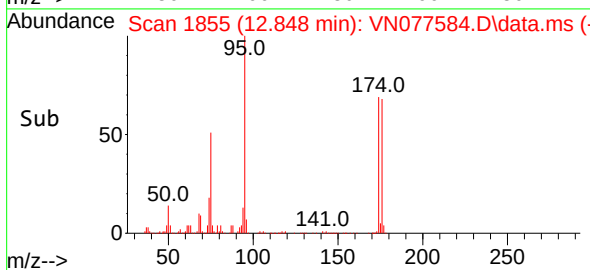
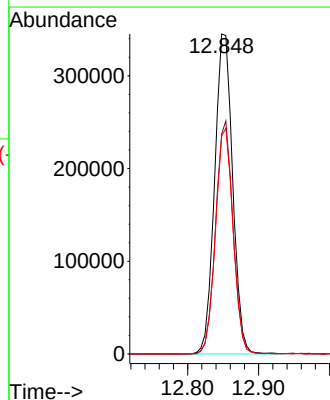
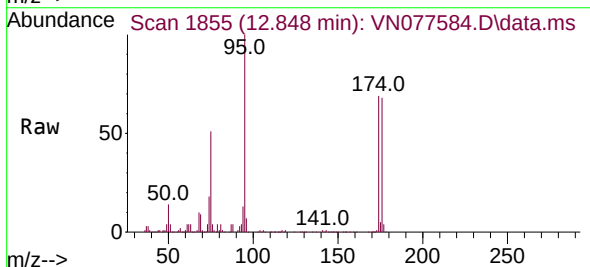
Instrument :
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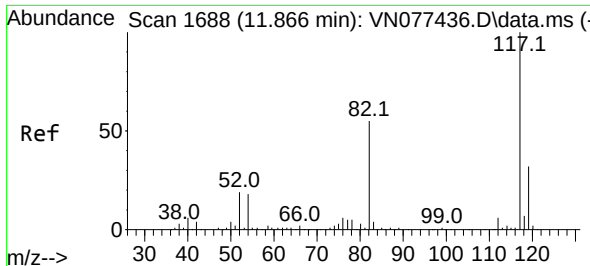
Tgt Ion: 92 Resp: 1315287
Ion Ratio Lower Upper
92 100
91 168.8 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 55.104 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077584.D
Acq: 04 May 2023 17:25

Tgt Ion: 95 Resp: 607132
Ion Ratio Lower Upper
95 100
174 70.1 0.0 143.8
176 68.8 0.0 135.8

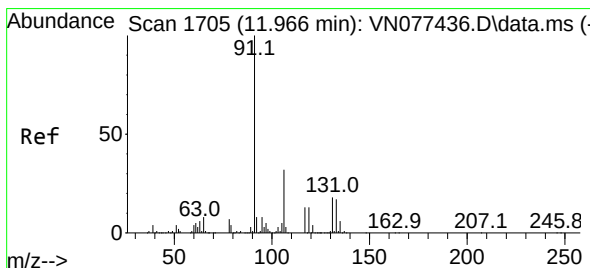
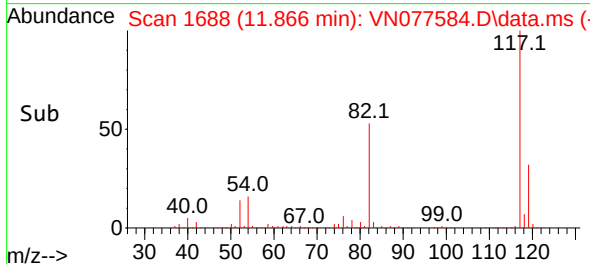
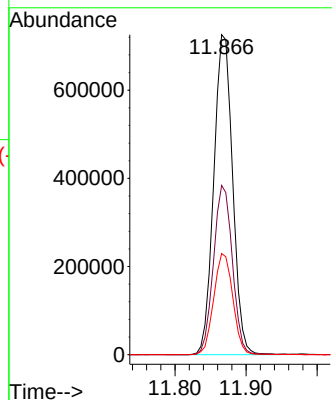
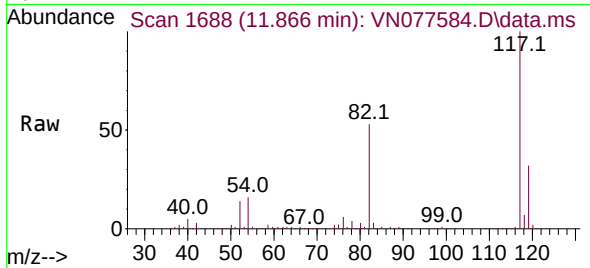




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077584.D
Acq: 04 May 2023 17:25

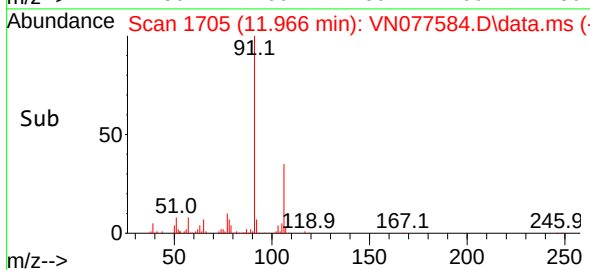
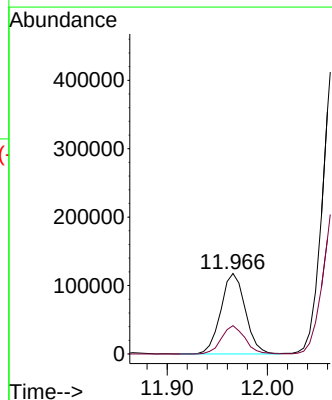
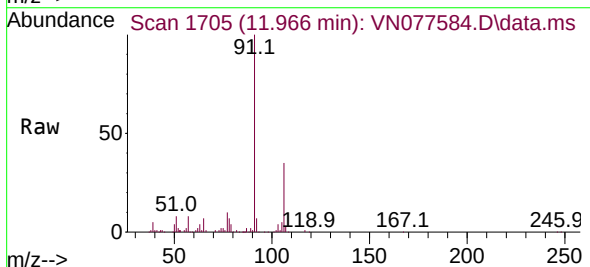
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986DL

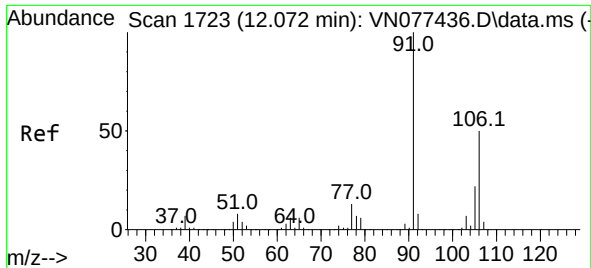
Tgt Ion:117 Resp: 1336589
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 31.6 25.6 38.4



#67
Ethyl Benzene
Concen: 4.007 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077584.D
Acq: 04 May 2023 17:25

Tgt Ion: 91 Resp: 199514
Ion Ratio Lower Upper
91 100
106 35.3 25.6 38.4

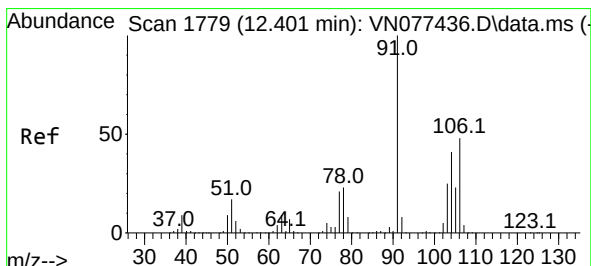
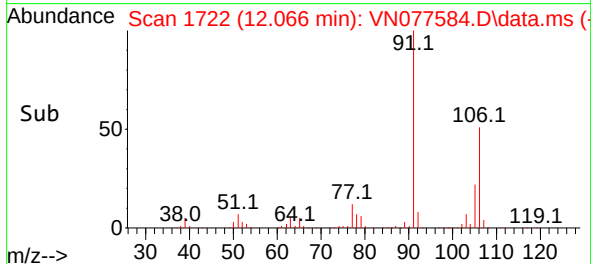
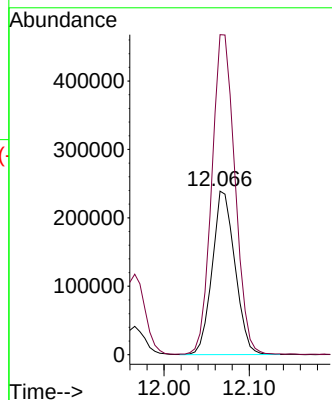
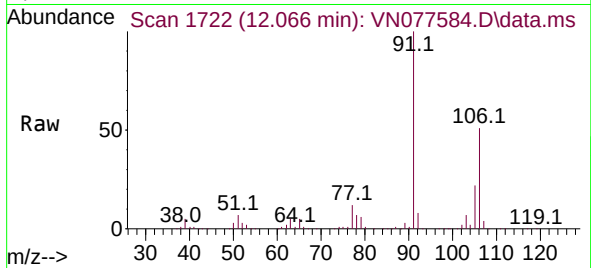




#68
m/p-Xylenes
Concen: 22.882 ug/l
RT: 12.066 min Scan# 1722
Delta R.T. -0.006 min
Lab File: VN077584.D
Acq: 04 May 2023 17:25

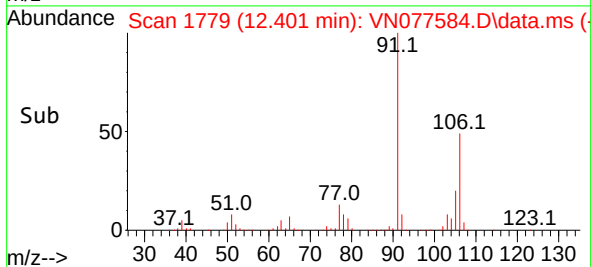
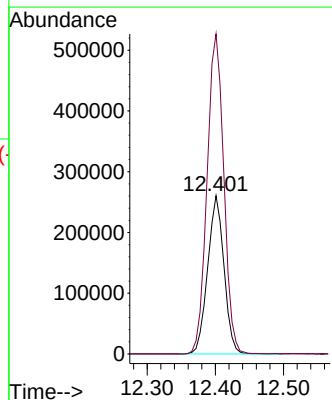
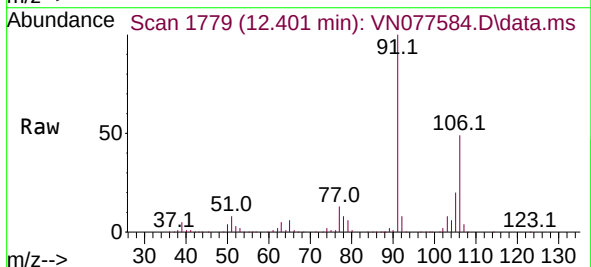
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ClientSampleId :
AUD-1986DL

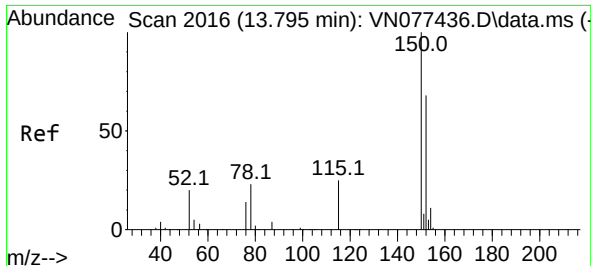
Tgt Ion:106 Resp: 442782
Ion Ratio Lower Upper
106 100
91 199.9 159.6 239.4



#69
o-Xylene
Concen: 22.776 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077584.D
Acq: 04 May 2023 17:25

Tgt Ion:106 Resp: 433505
Ion Ratio Lower Upper
106 100
91 207.9 105.2 315.5

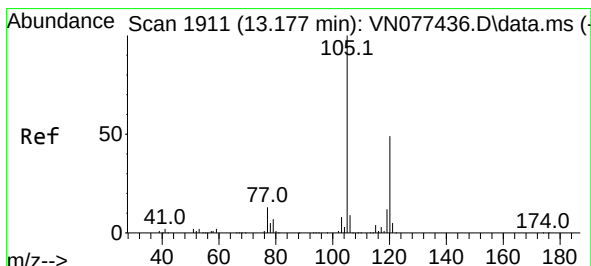
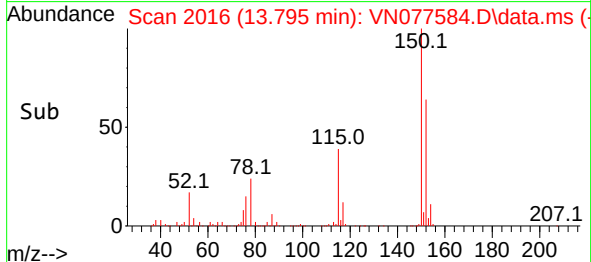
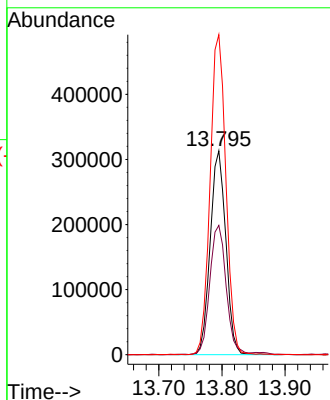
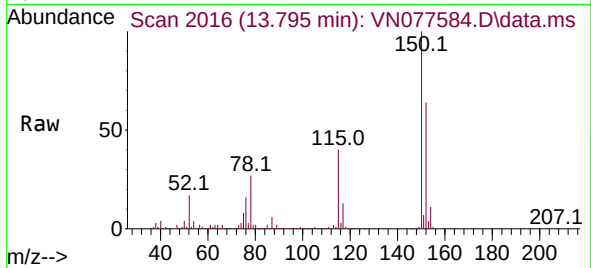




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077584.D
Acq: 04 May 2023 17:25

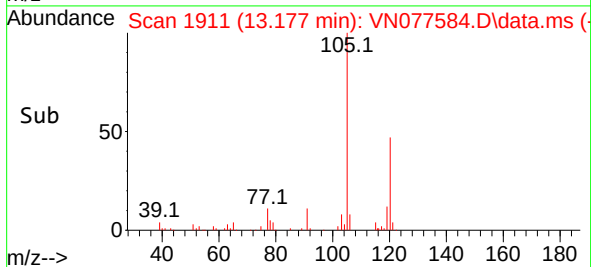
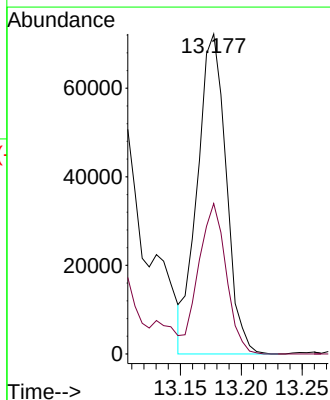
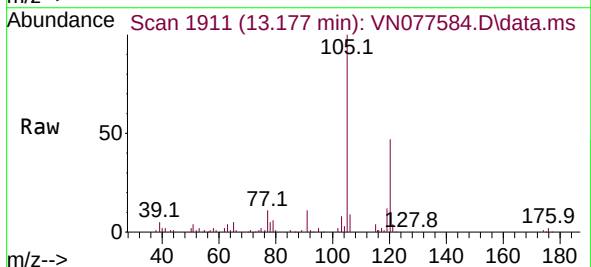
Instrument :
MSVOA_N
ClientSampleId :
AUD-1986DL

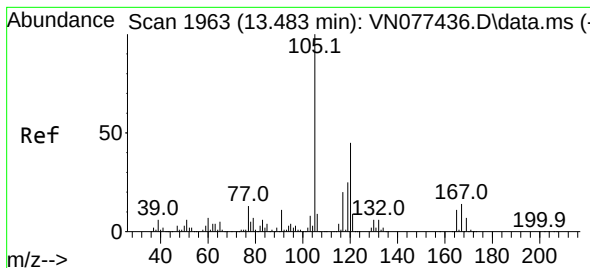
Tgt Ion:152 Resp: 538023
Ion Ratio Lower Upper
152 100
115 66.4 32.3 96.8
150 158.4 0.0 355.8



#80
1,3,5-Trimethylbenzene
Concen: 3.208 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077584.D
Acq: 04 May 2023 17:25

Tgt Ion:105 Resp: 118947
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 12.344 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077584.D

Acq: 04 May 2023 17:25

Instrument :

MSVOA_N

ClientSampleId :

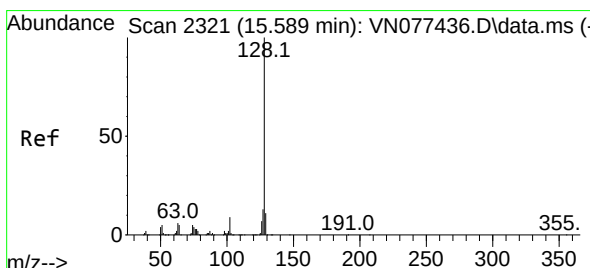
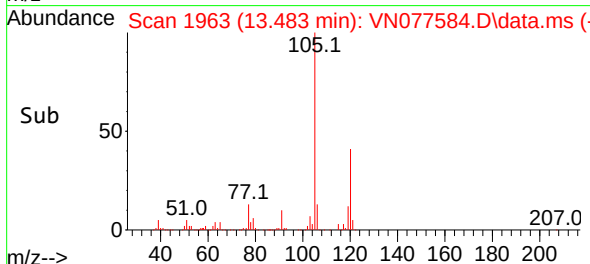
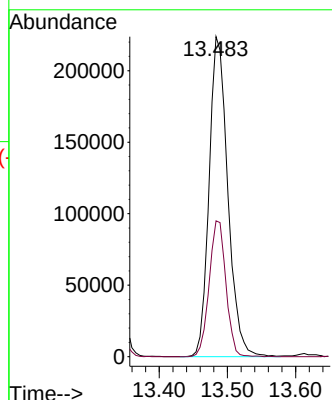
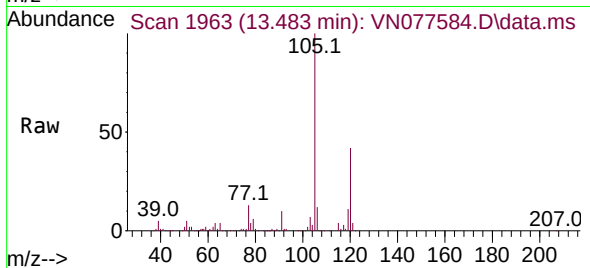
AUD-1986DL

Tgt Ion:105 Resp: 427444

Ion Ratio Lower Upper

105 100

120 37.9 22.0 66.0



#95

Naphthalene

Concen: 127.220 ug/l m

RT: 15.642 min Scan# 2330

Delta R.T. 0.053 min

Lab File: VN077584.D

Acq: 04 May 2023 17:25

Tgt Ion:128 Resp: 4943553

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

129 0.0 8.7 13.1#

