

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077565.D
 Acq On : 03 May 2023 16:09
 Operator : JC\MD
 Sample : 02566-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1985

Quant Time: May 04 04:48:59 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

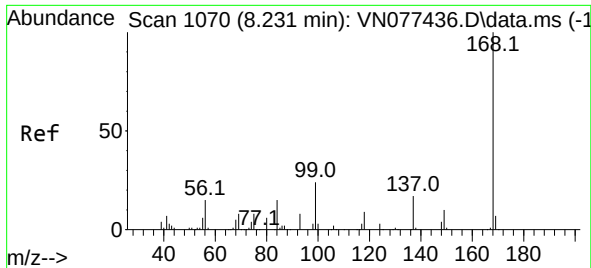
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	612918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1178073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1114433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	430940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	398996	49.888	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.780%
35) Dibromofluoromethane	8.172	113	353851	49.974	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.940%
50) Toluene-d8	10.572	98	1458988	53.763	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.520%
62) 4-Bromofluorobenzene	12.848	95	491667	55.376	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.760%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	184544	72.528	ug/l	95
20) Methylene Chloride	5.295	84	77498	9.604	ug/l	90
25) 2-Butanone	7.495	43	16442	4.556	ug/l	99
37) Ethyl Acetate	7.572	43	92392	11.886	ug/l	96
40) Benzene	8.613	78	944534	30.309	ug/l	97
43) Isopropyl Acetate	8.695	43	515538	38.336	ug/l #	83
52) Toluene	10.630	92	647855	31.734	ug/l	98
67) Ethyl Benzene	11.966	91	99238	2.390	ug/l	90
68) m/p-Xylenes	12.071	106	207855	12.883	ug/l	98
69) o-Xylene	12.401	106	184300	11.613	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	44038	1.483	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	160497	5.787	ug/l	89
95) Naphthalene	15.642	128	1945904	81.553	ug/l	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

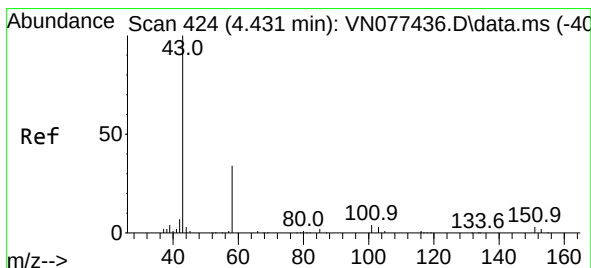
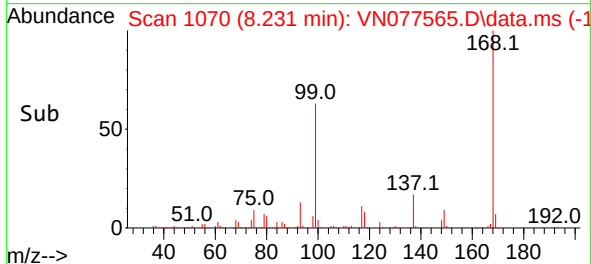
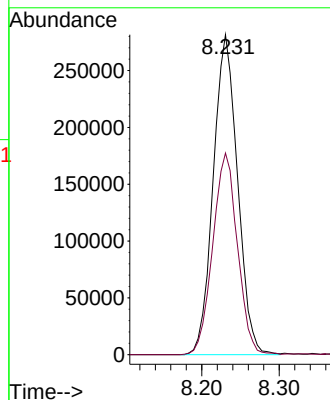
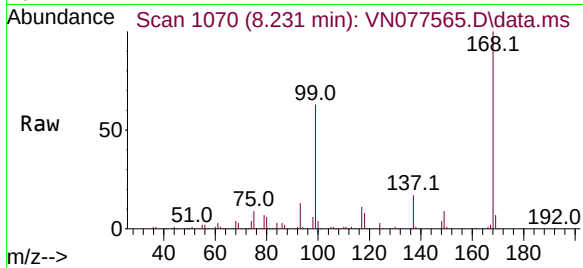




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

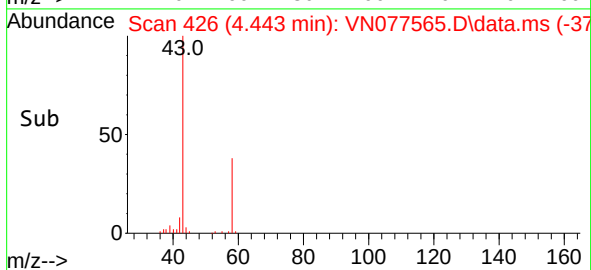
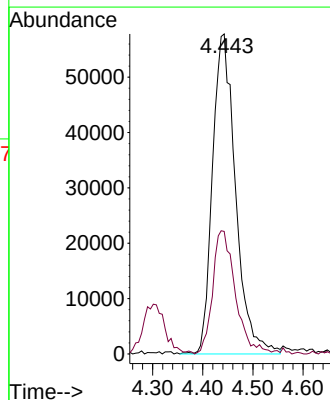
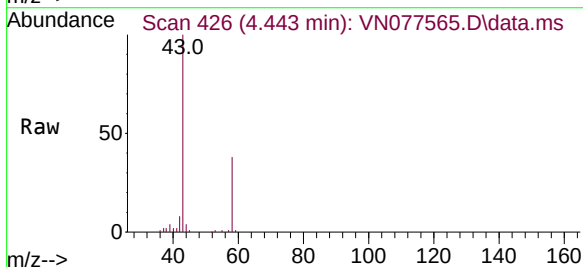
Instrument :
MSVOA_N
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AUD-1985

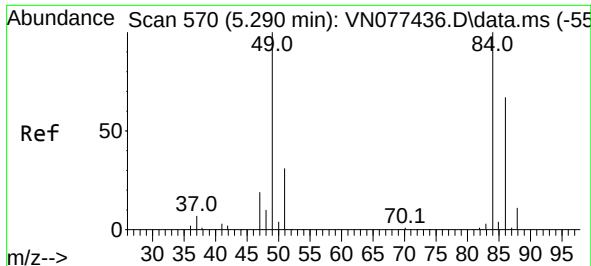
Tgt Ion:168 Resp: 612918
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#16
Acetone
Concen: 72.528 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

Tgt Ion: 43 Resp: 184544
Ion Ratio Lower Upper
43 100
58 37.9 28.0 42.0





#20

Methylene Chloride

Concen: 9.604 ug/l

RT: 5.295 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN077565.D

Acq: 03 May 2023 16:09

Instrument :

MSVOA_N

ClientSampleId :

AUD-1985

Tgt Ion: 84 Resp: 77498

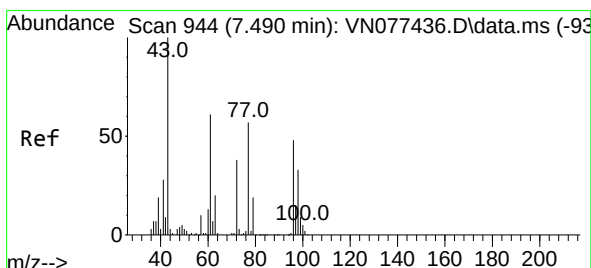
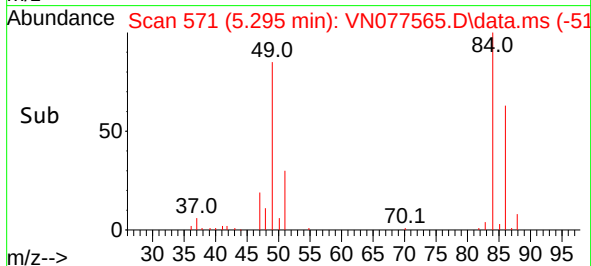
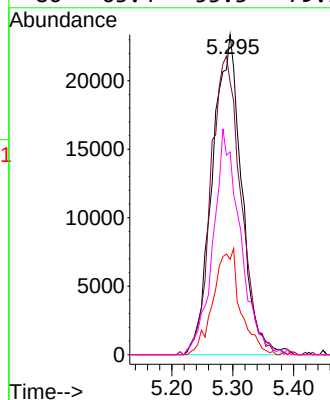
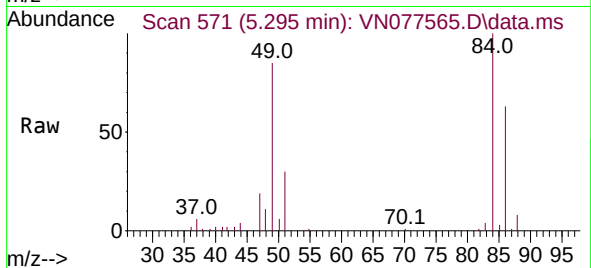
Ion Ratio Lower Upper

84 100

49 84.2 79.7 119.5

51 29.8 25.2 37.8

86 63.4 53.3 79.9



#25

2-Butanone

Concen: 4.556 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN077565.D

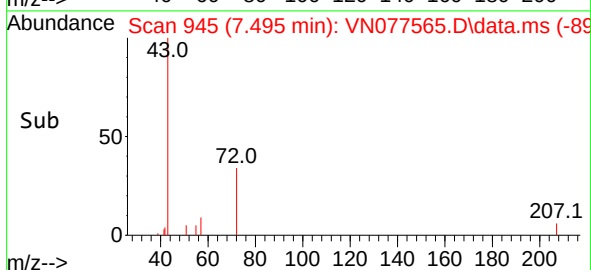
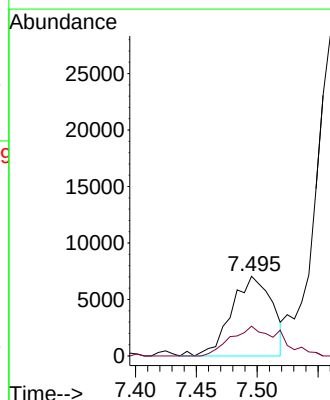
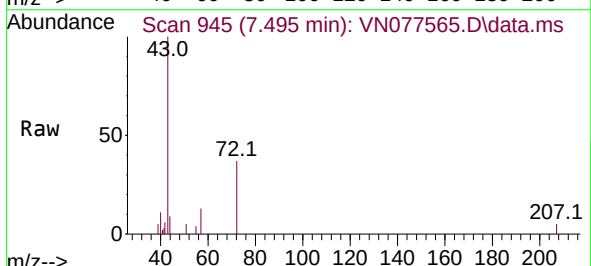
Acq: 03 May 2023 16:09

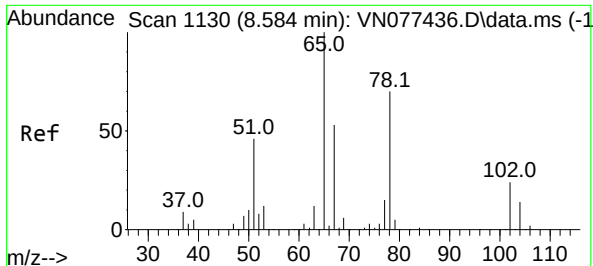
Tgt Ion: 43 Resp: 16442

Ion Ratio Lower Upper

43 100

72 37.3 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 49.888 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077565.D

Acq: 03 May 2023 16:09

Instrument :

MSVOA_N

ClientSampleId :

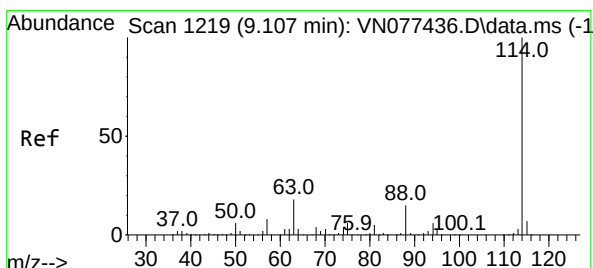
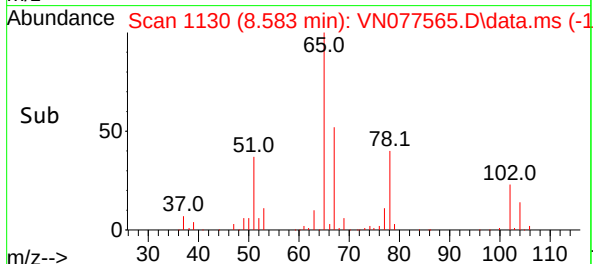
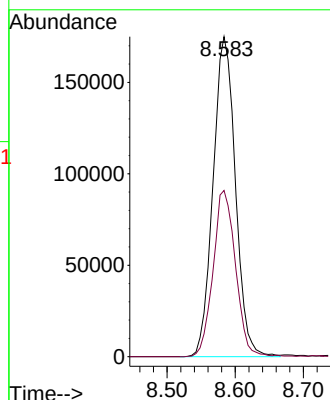
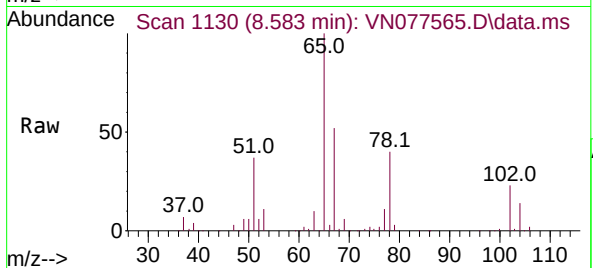
AUD-1985

Tgt Ion: 65 Resp: 398996

Ion Ratio Lower Upper

65 100

67 52.1 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: VN077565.D

Acq: 03 May 2023 16:09

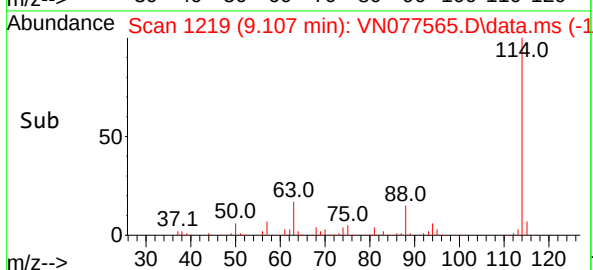
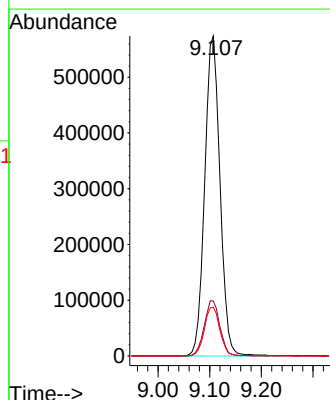
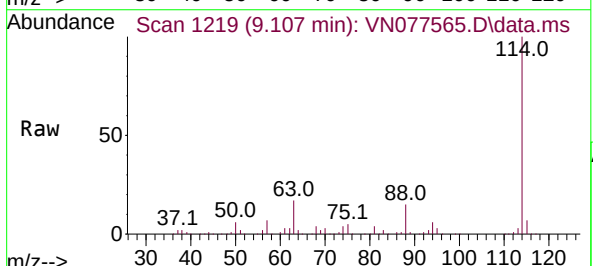
Tgt Ion: 114 Resp: 1178073

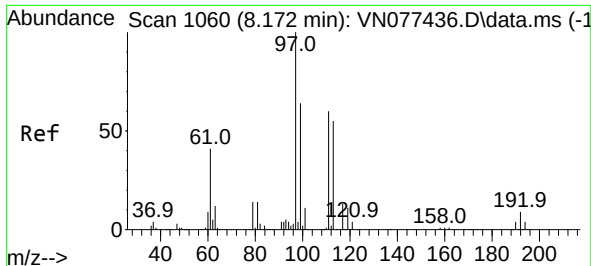
Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.4

88 15.3 0.0 30.6

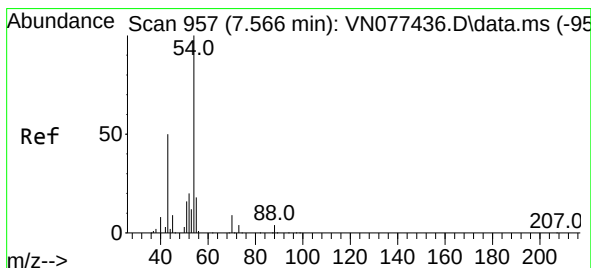
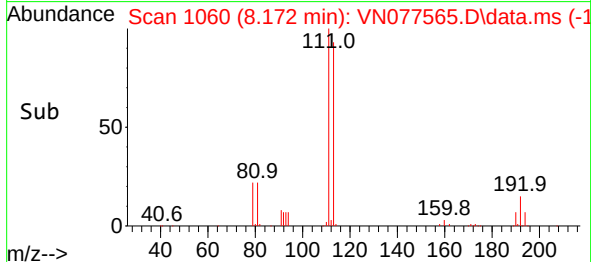
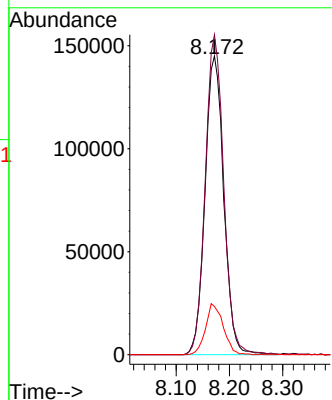
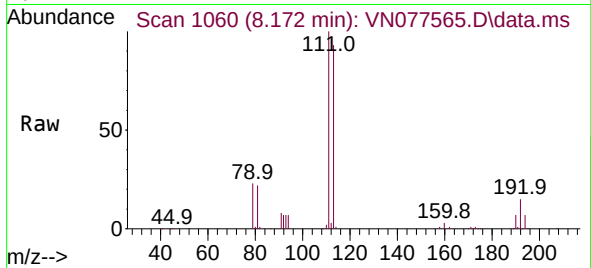




#35
Dibromofluoromethane
Concen: 49.974 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

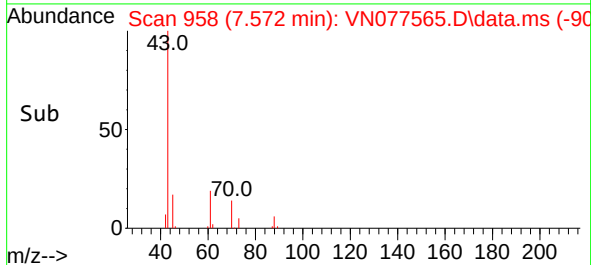
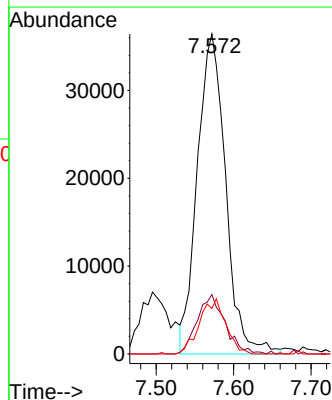
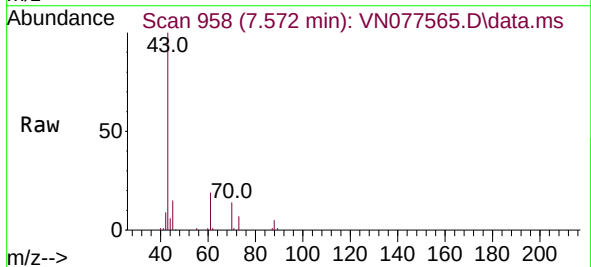
Instrument :
MSVOA_N
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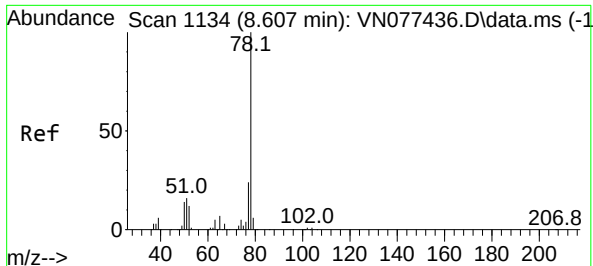
Tgt Ion:113 Resp: 353851
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 16.2 12.7 19.1



#37
Ethyl Acetate
Concen: 11.886 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

Tgt Ion: 43 Resp: 92392
Ion Ratio Lower Upper
43 100
61 18.2 13.2 19.8
70 16.1 11.3 16.9

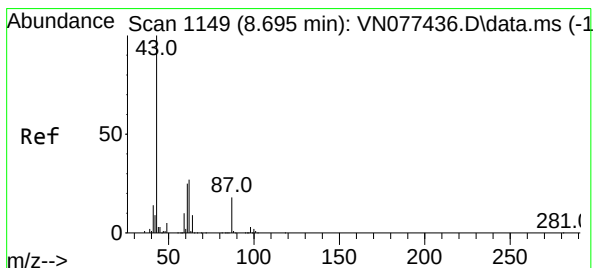
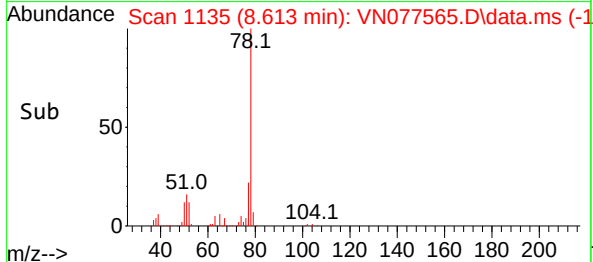
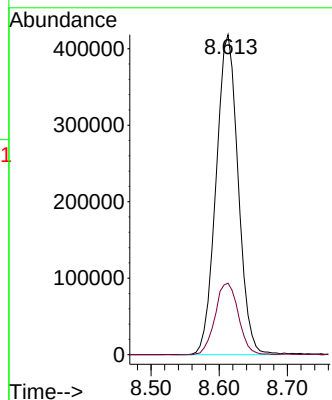
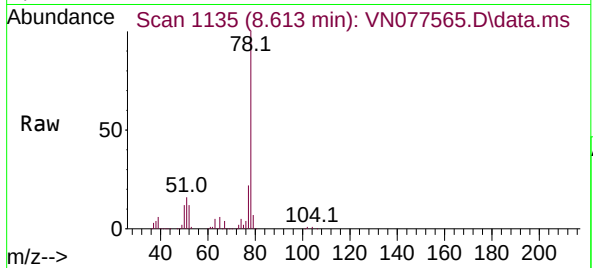




#40
Benzene
Concen: 30.309 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

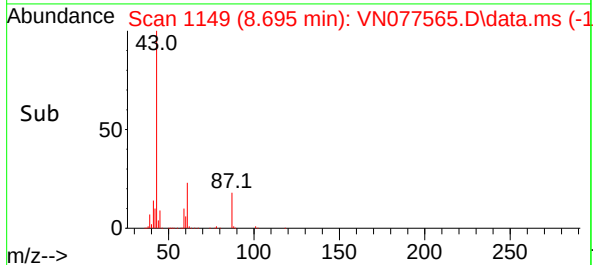
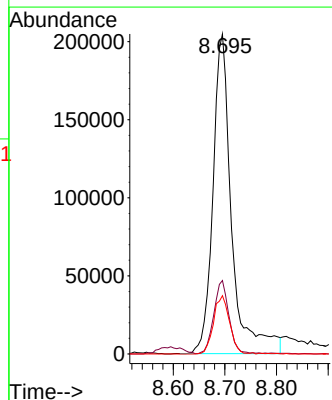
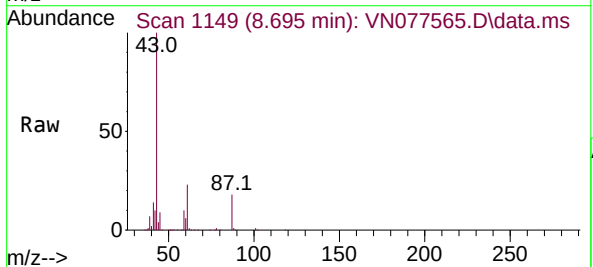
Instrument :
MSVOA_N
ClientSampleId :
AUD-1985

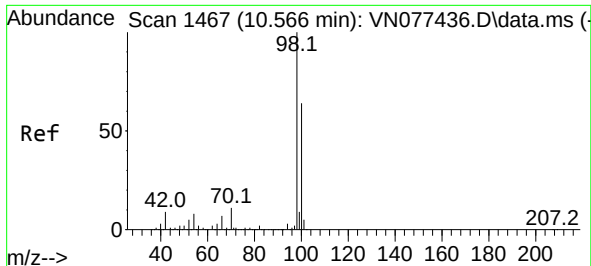
Tgt Ion: 78 Resp: 944534
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6



#43
Isopropyl Acetate
Concen: 38.336 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

Tgt Ion: 43 Resp: 515538
Ion Ratio Lower Upper
43 100
61 18.3 24.7 37.1#
87 15.6 14.6 21.8

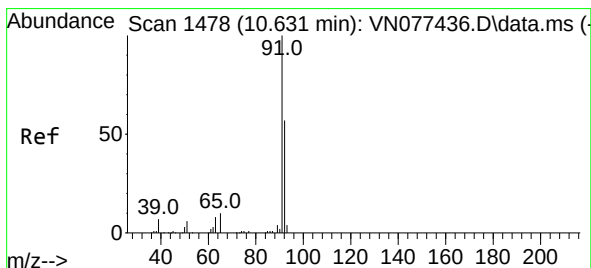
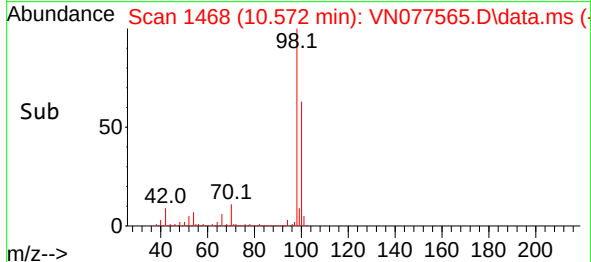
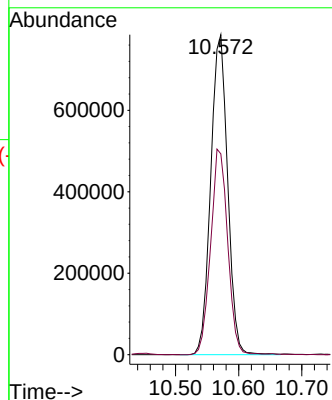
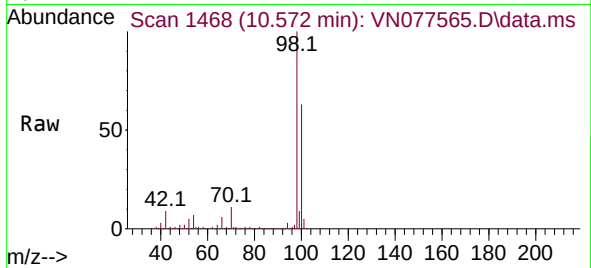




#50
Toluene-d8
Concen: 53.763 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

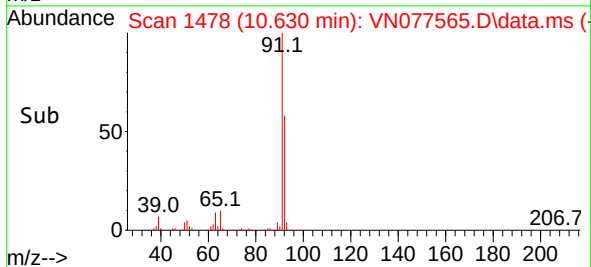
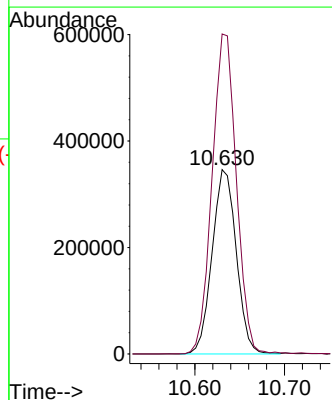
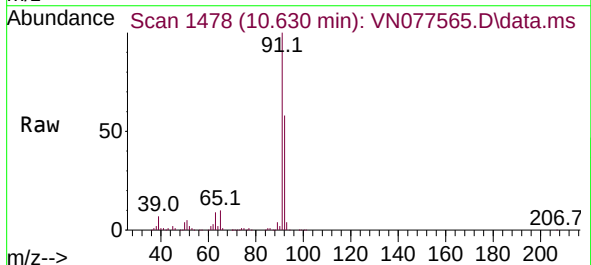
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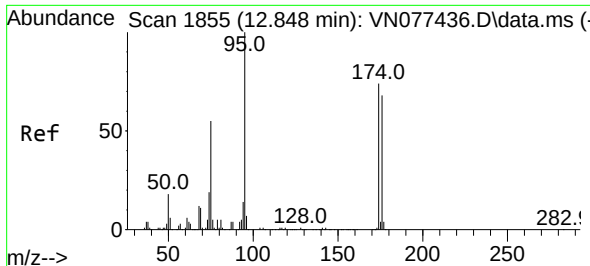
Tgt Ion: 98 Resp: 1458988
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#52
Toluene
Concen: 31.734 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

Tgt Ion: 92 Resp: 647855
Ion Ratio Lower Upper
92 100
91 174.6 137.4 206.0

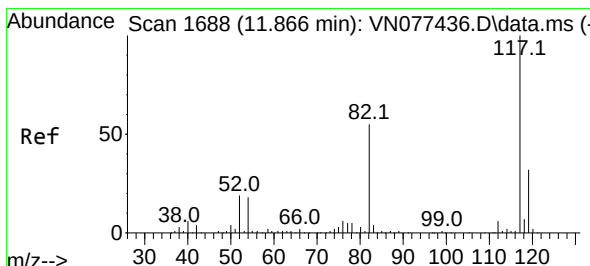
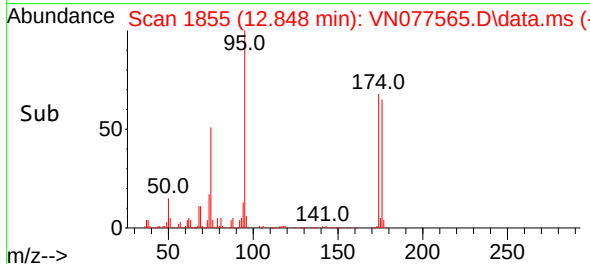
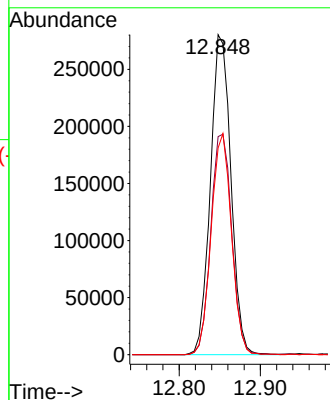
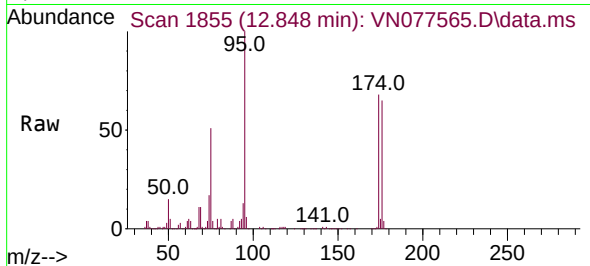




#62
4-Bromofluorobenzene
Concen: 55.376 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

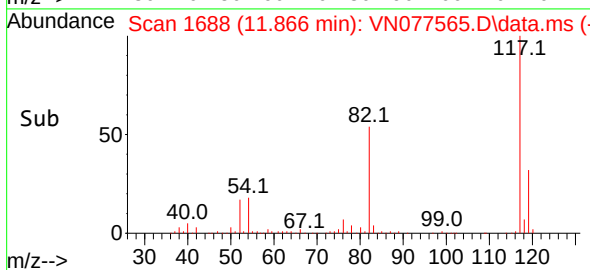
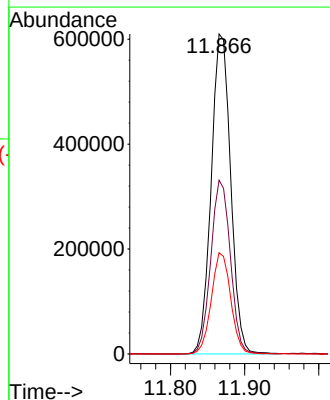
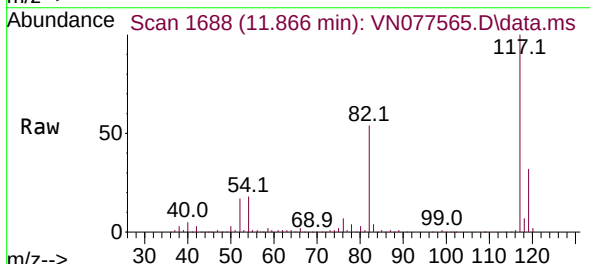
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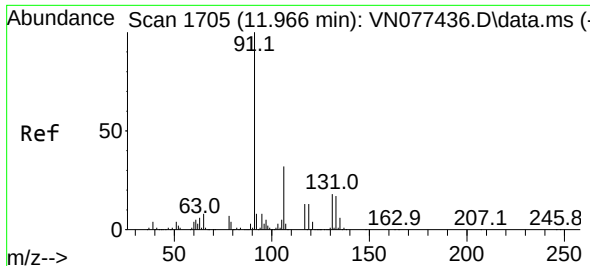
Tgt Ion: 95 Resp: 491667
Ion Ratio Lower Upper
95 100
174 70.5 0.0 143.8
176 68.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

Tgt Ion: 117 Resp: 1114433
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 31.6 25.6 38.4

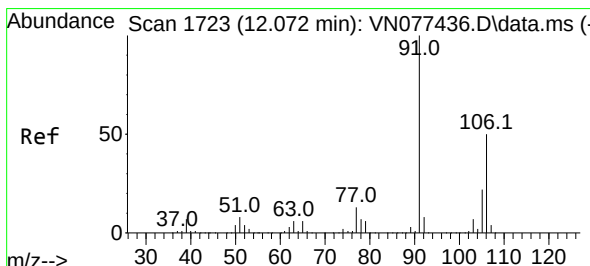
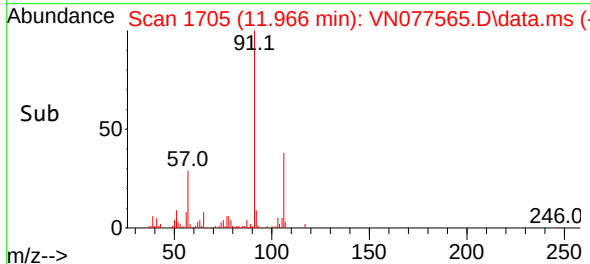
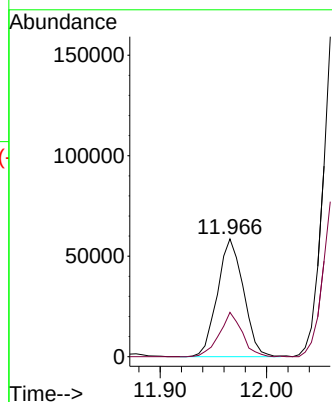
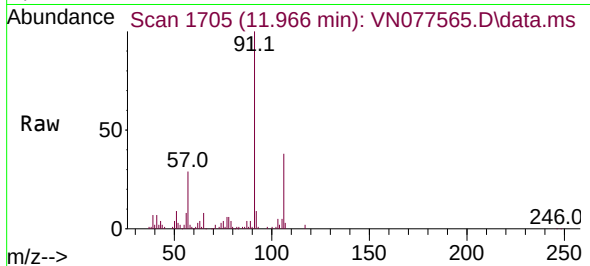




#67
Ethyl Benzene
Concen: 2.390 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

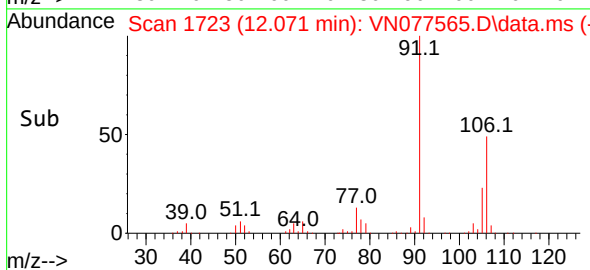
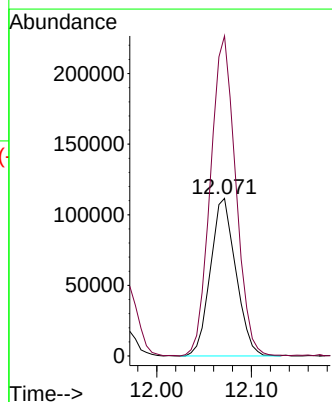
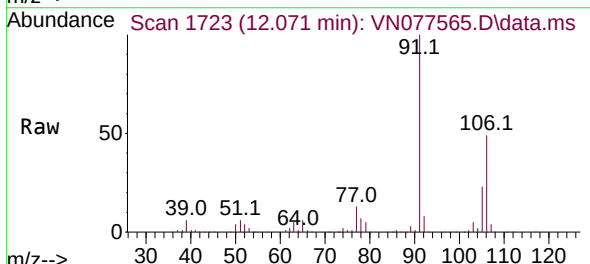
Instrument :
MSVOA_N
ClientSampleId :
AUD-1985

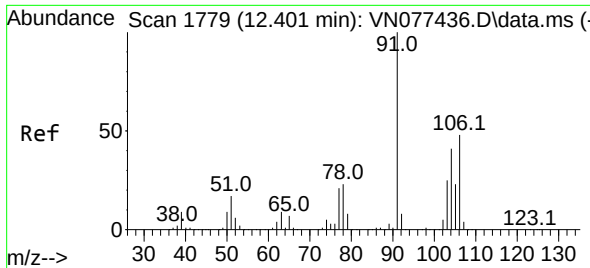
Tgt Ion: 91 Resp: 99238
Ion Ratio Lower Upper
91 100
106 37.6 25.6 38.4



#68
m/p-Xylenes
Concen: 12.883 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

Tgt Ion:106 Resp: 207855
Ion Ratio Lower Upper
106 100
91 202.3 159.6 239.4

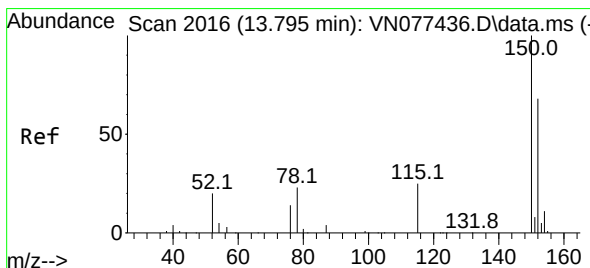
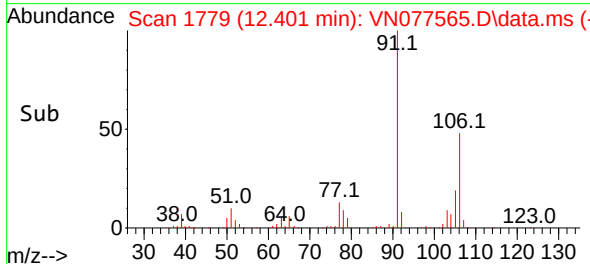
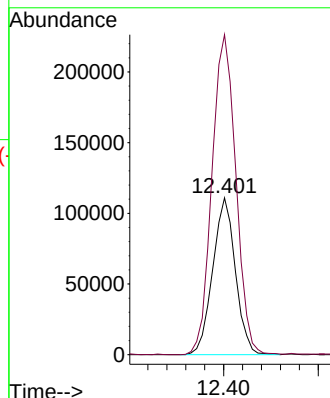
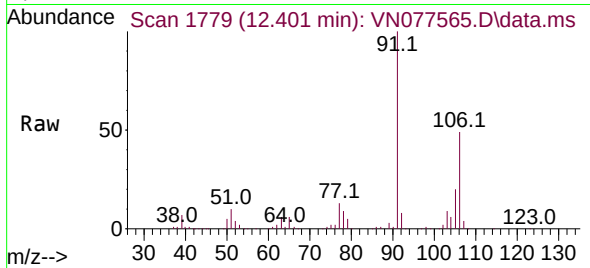




#69
o-Xylene
Concen: 11.613 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

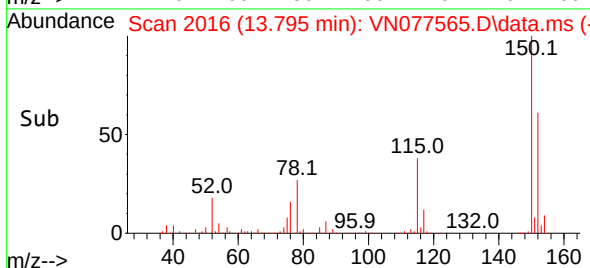
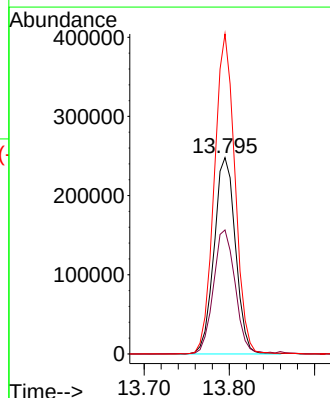
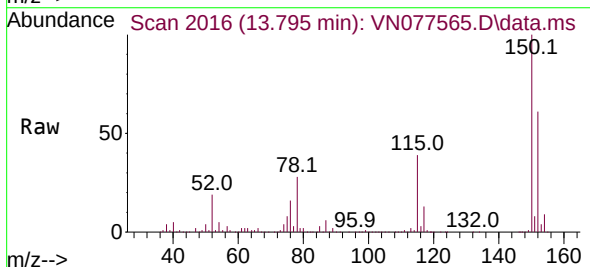
Instrument :
MSVOA_N
ClientSampleId :
AUD-1985

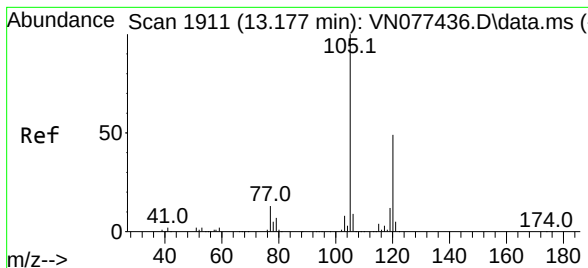
Tgt Ion:106 Resp: 184300
Ion Ratio Lower Upper
106 100
91 215.4 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077565.D
Acq: 03 May 2023 16:09

Tgt Ion:152 Resp: 430940
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 158.1 0.0 355.8

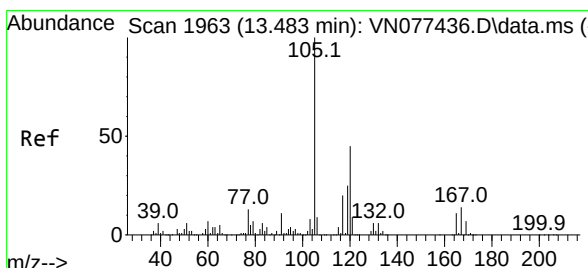
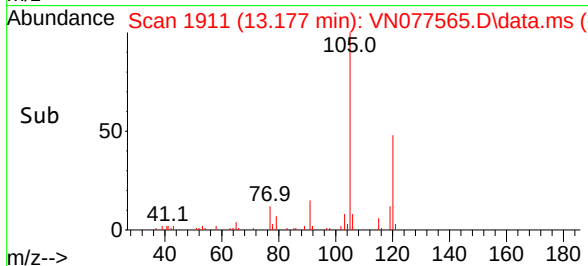
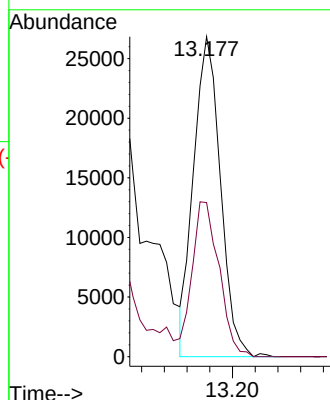
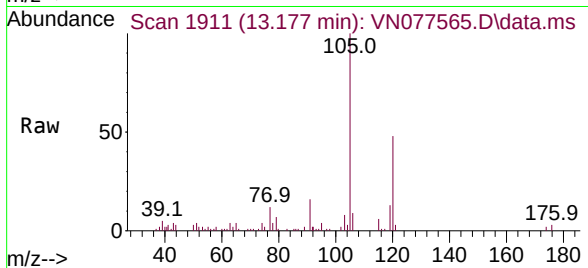




#80
 1,3,5-Trimethylbenzene
 Concen: 1.483 ug/l
 RT: 13.177 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VN077565.D
 Acq: 03 May 2023 16:09

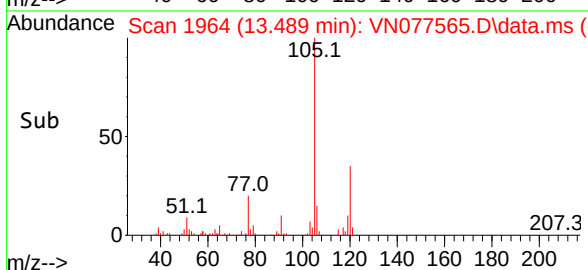
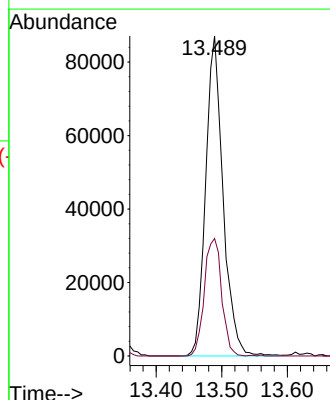
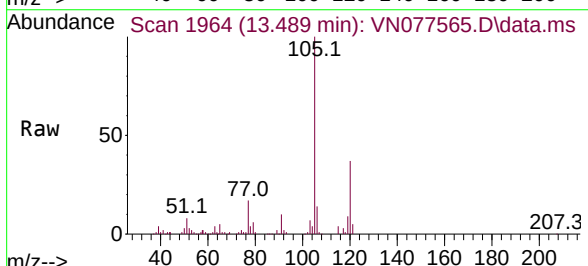
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1985

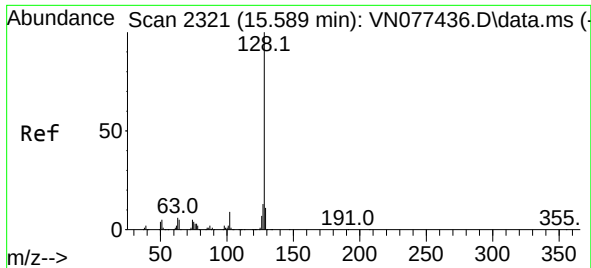
Tgt Ion:105 Resp: 44038
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 5.787 ug/l
 RT: 13.489 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VN077565.D
 Acq: 03 May 2023 16:09

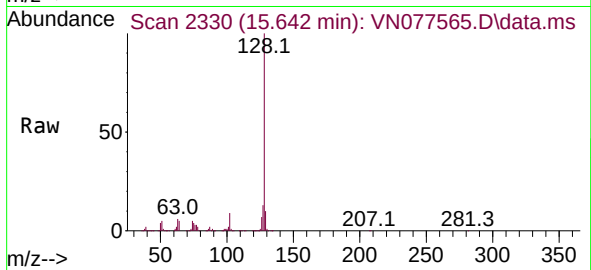
Tgt Ion:105 Resp: 160497
 Ion Ratio Lower Upper
 105 100
 120 36.6 22.0 66.0





#95
 Naphthalene
 Concen: 81.553 ug/l
 RT: 15.642 min Scan# 21
 Delta R.T. 0.053 min
 Lab File: VN077565.D
 Acq: 03 May 2023 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1985



Tgt Ion:128 Resp: 1945904
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.0 15.0
 129 10.8 8.7 13.1

