

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080367.D
 Acq On : 05 Dec 2023 15:34
 Operator : JC\MD
 Sample : 05616-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1151

Quant Time: Dec 06 00:53:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

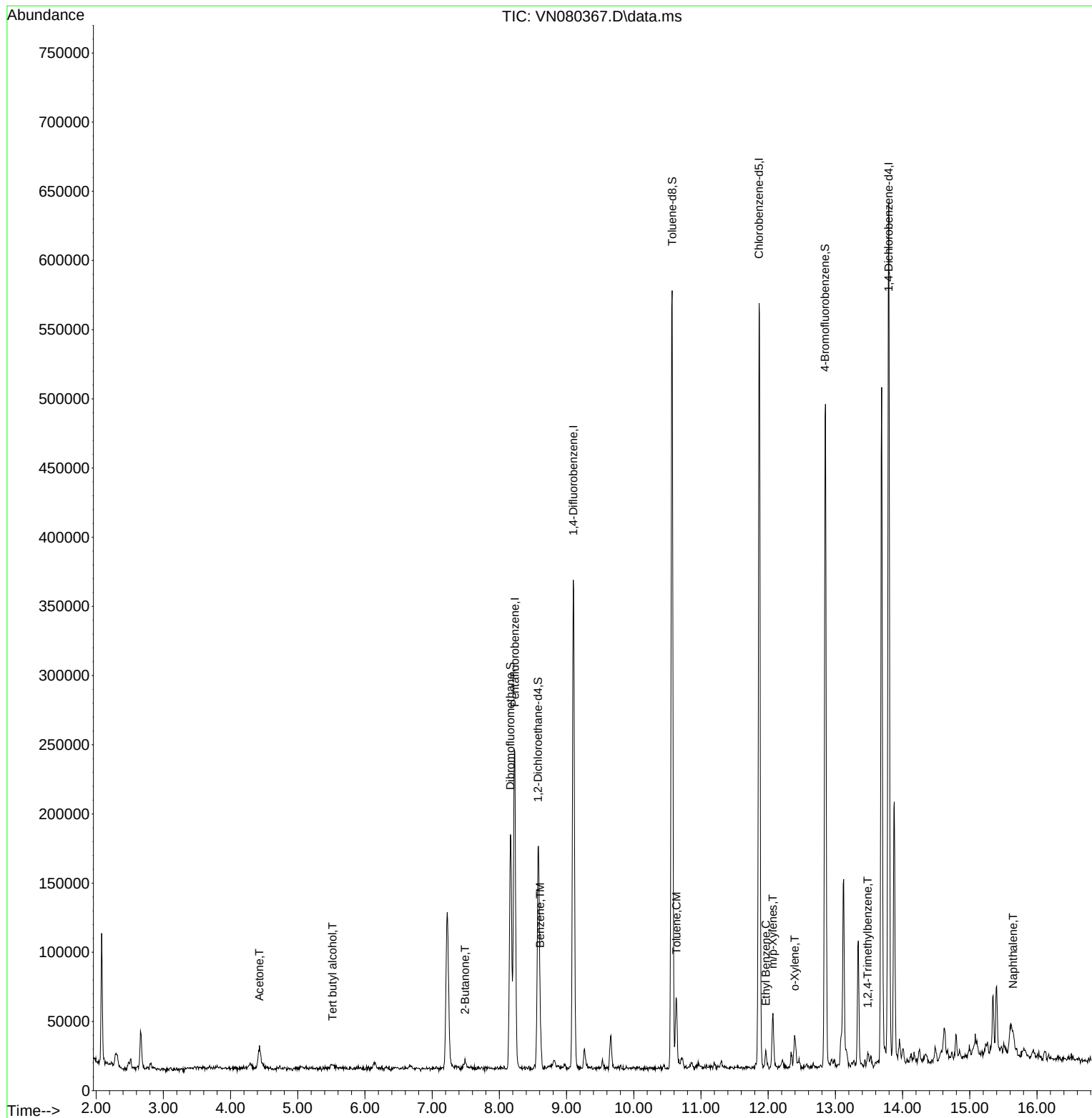
Internal Standards						
1) Pentafluorobenzene	8.229	168	165825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146294	53.430	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.860%			
35) Dibromofluoromethane	8.165	113	118069	53.977	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.960%			
50) Toluene-d8	10.571	98	394168	49.989	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.980%			
62) 4-Bromofluorobenzene	12.847	95	164678	55.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.580%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	4825	16.025	ug/l #	92
16) Acetone	4.430	43	29865	32.475	ug/l	89
25) 2-Butanone	7.488	43	8079	7.394	ug/l #	80
40) Benzene	8.606	78	18506	2.056	ug/l	97
52) Toluene	10.635	92	22466	3.988	ug/l	98
67) Ethyl Benzene	11.965	91	7700	0.601	ug/l	99
68) m/p-Xylenes	12.070	106	11570	2.478	ug/l	89
69) o-Xylene	12.394	106	5308	1.207	ug/l	80
84) 1,2,4-Trimethylbenzene	13.482	105	5340	0.486	ug/l	97
95) Naphthalene	15.647	128	12791	1.362	ug/l #	94

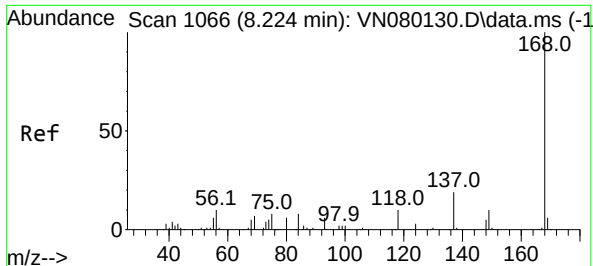
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
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1151

Quant Time: Dec 06 00:53:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

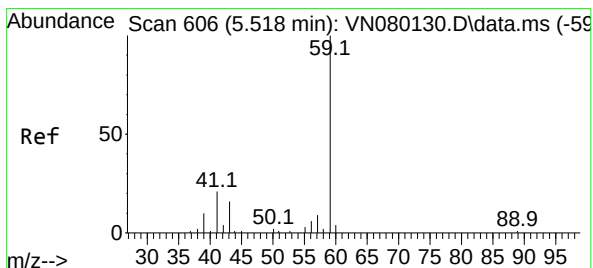
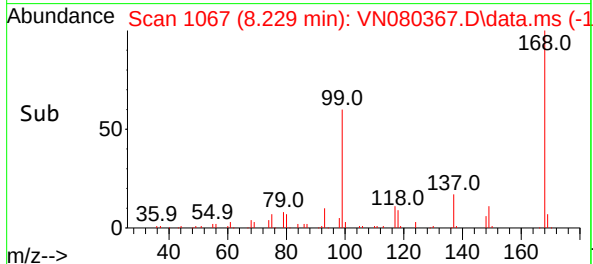
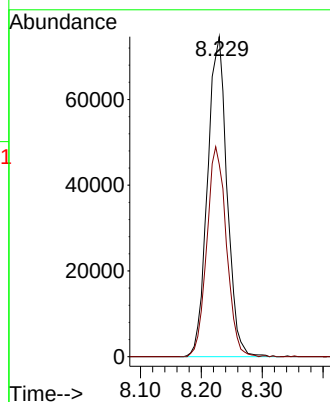
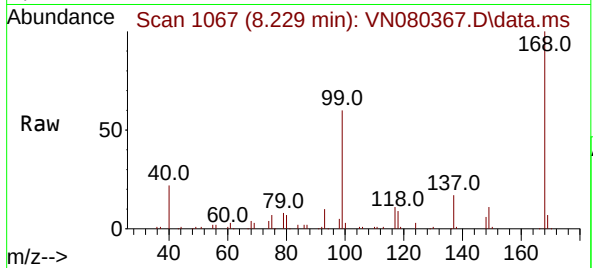




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1151
Delta R.T. 0.005 min
Lab File: VN080367.D
Acq: 05 Dec 2023 15:34

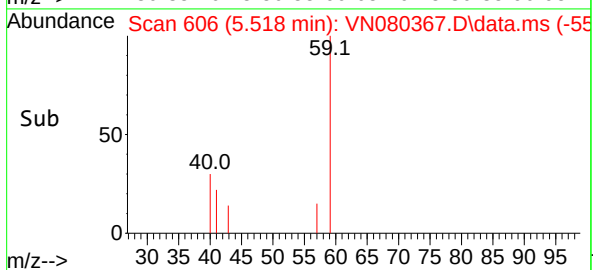
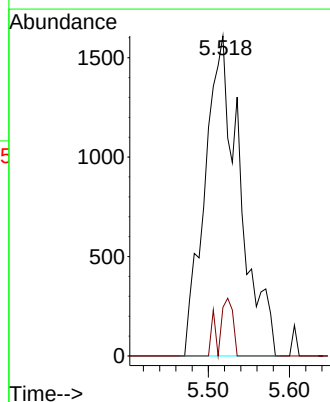
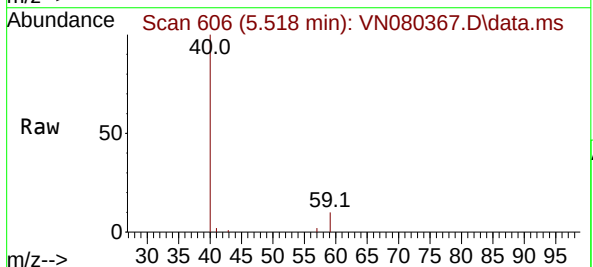
Instrument :
MSVOA_N
ClientSampleId :
1151

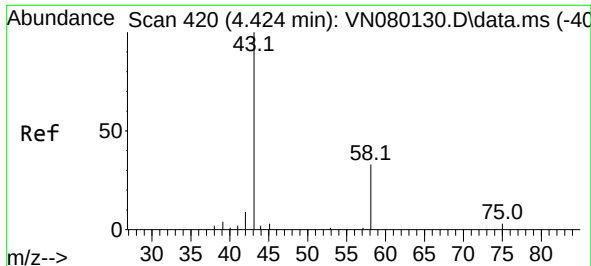
Tgt Ion:168 Resp: 165825
Ion Ratio Lower Upper
168 100
99 60.1 53.0 79.6



#11
Tert butyl alcohol
Concen: 16.025 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080367.D
Acq: 05 Dec 2023 15:34

Tgt Ion: 59 Resp: 4825
Ion Ratio Lower Upper
59 100
57 7.3 8.2 12.4#

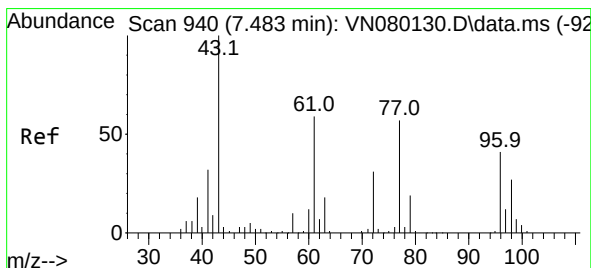
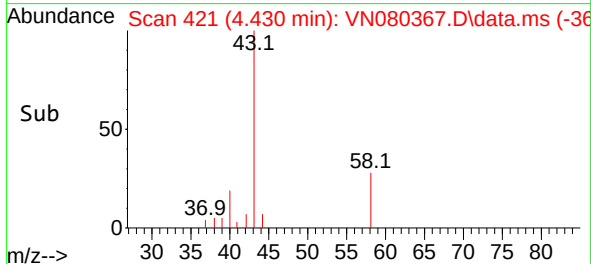
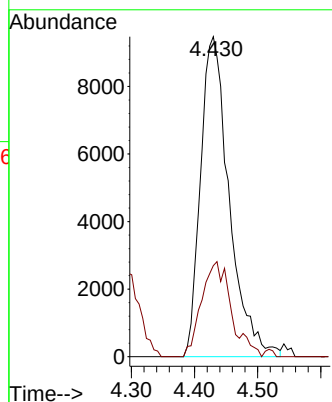
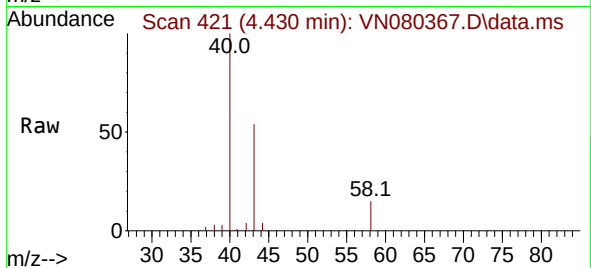




#16
Acetone
Concen: 32.475 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080367.D
Acq: 05 Dec 2023 15:34

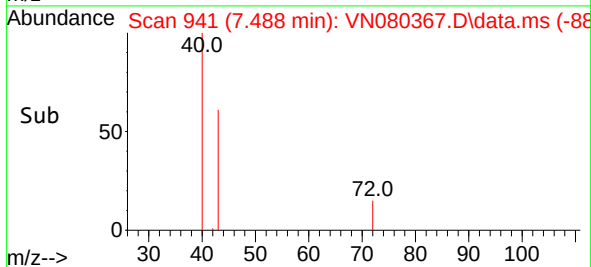
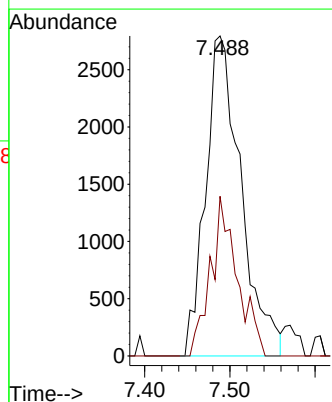
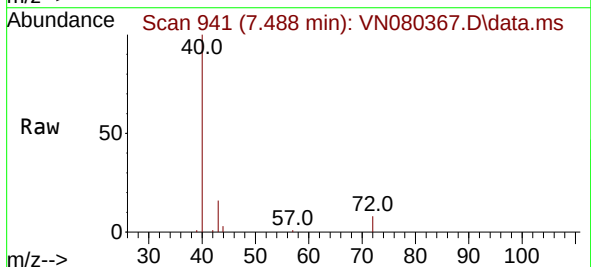
Instrument :
MSVOA_N
ClientSampleId :
1151

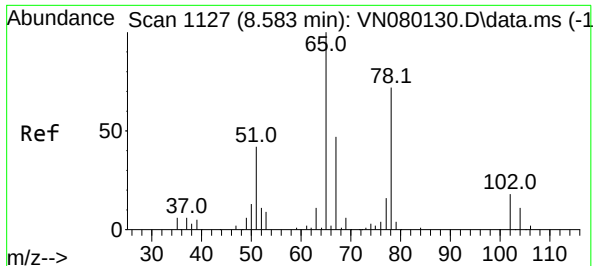
Tgt Ion: 43 Resp: 29865
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0



#25
2-Butanone
Concen: 7.394 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080367.D
Acq: 05 Dec 2023 15:34

Tgt Ion: 43 Resp: 8079
Ion Ratio Lower Upper
43 100
72 49.9 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 53.430 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080367.D

Acq: 05 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

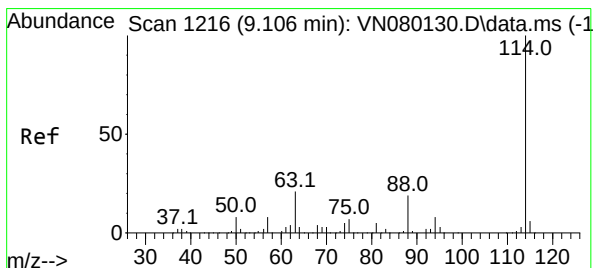
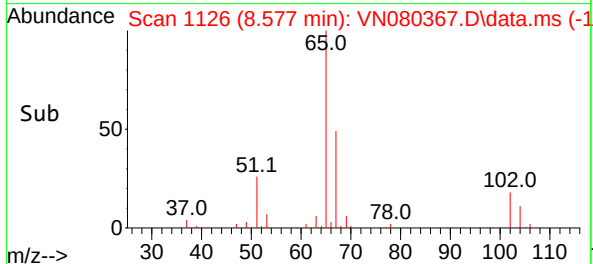
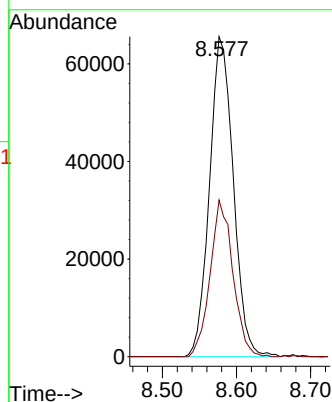
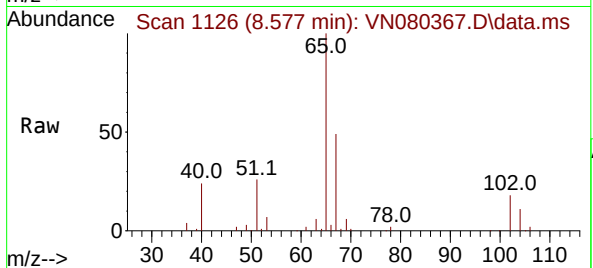
1151

Tgt Ion: 65 Resp: 146294

Ion Ratio Lower Upper

65 100

67 47.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080367.D

Acq: 05 Dec 2023 15:34

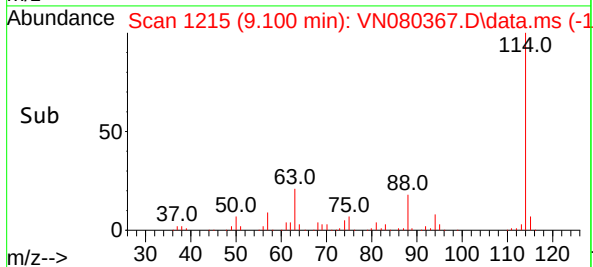
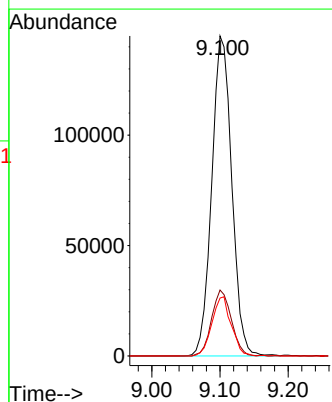
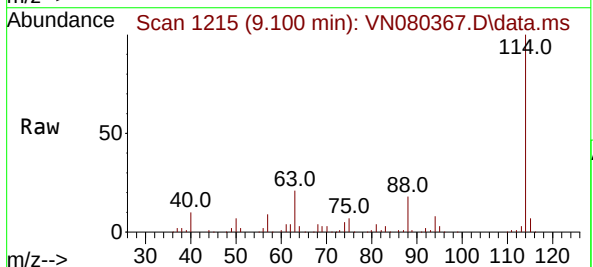
Tgt Ion: 114 Resp: 296446

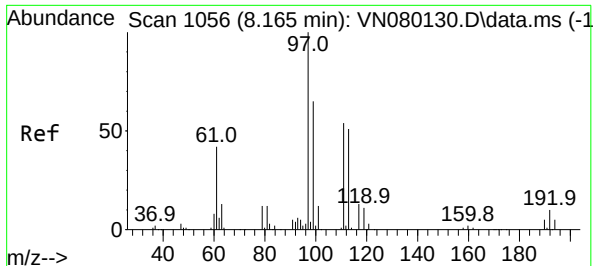
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 18.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.977 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN080367.D

Acq: 05 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

1151

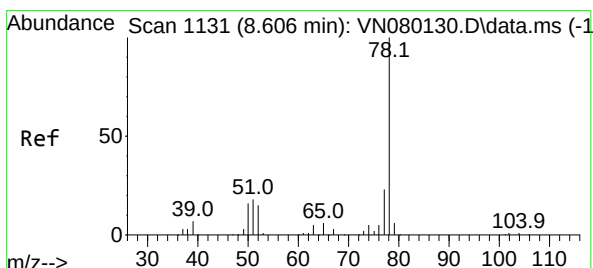
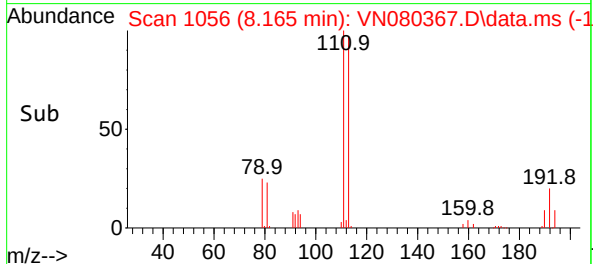
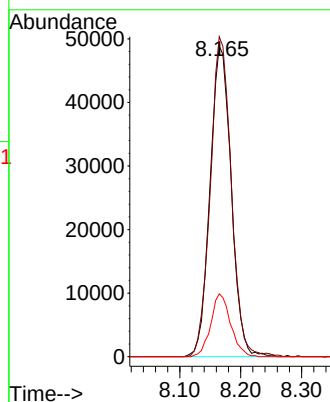
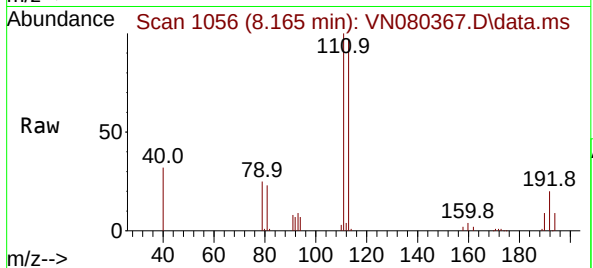
Tgt Ion:113 Resp: 118069

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 19.0 12.7 19.1



#40

Benzene

Concen: 2.056 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080367.D

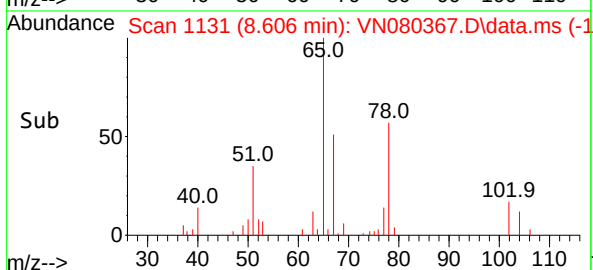
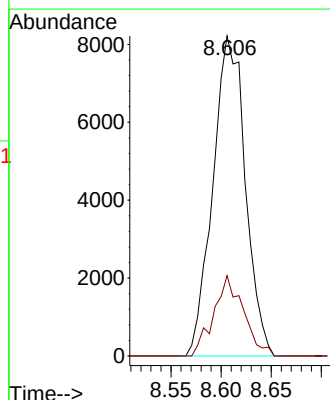
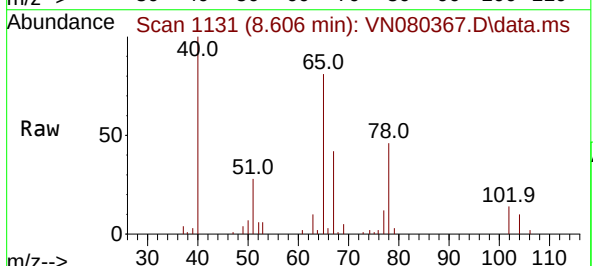
Acq: 05 Dec 2023 15:34

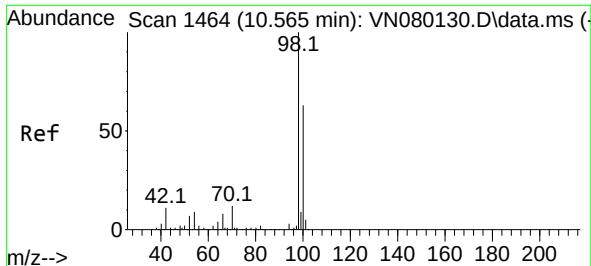
Tgt Ion: 78 Resp: 18506

Ion Ratio Lower Upper

78 100

77 25.1 19.0 28.6

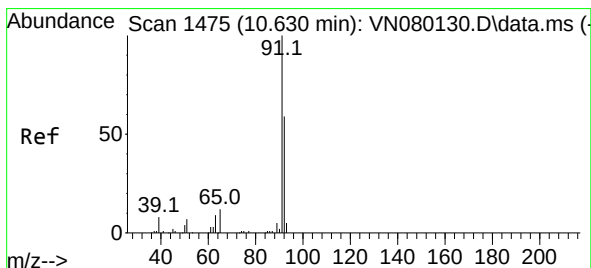
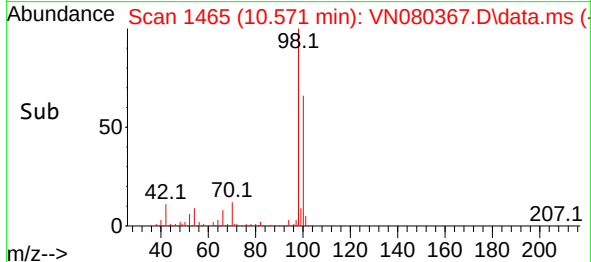
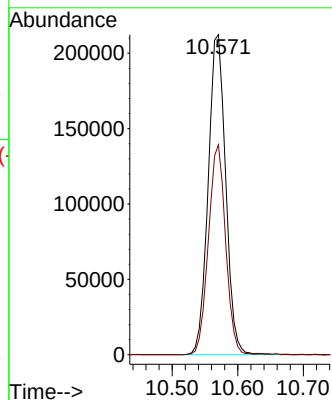
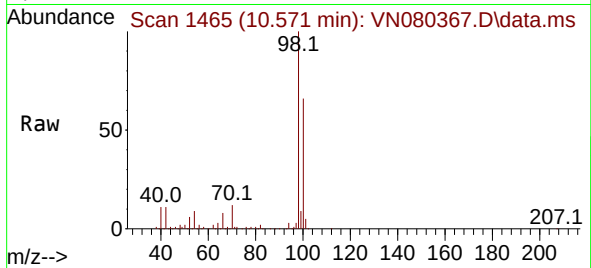




#50
Toluene-d8
Concen: 49.989 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080367.D
Acq: 05 Dec 2023 15:34

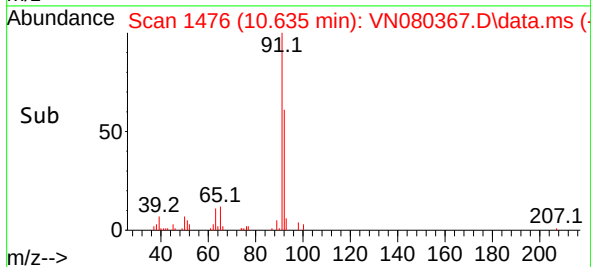
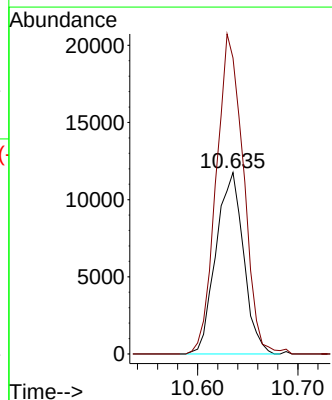
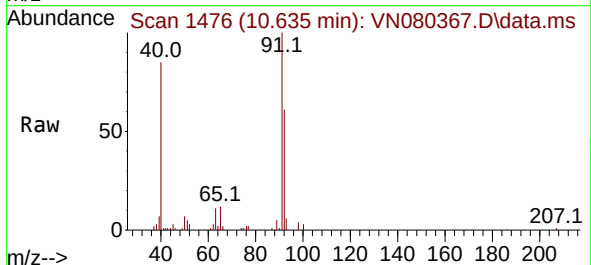
Instrument :
MSVOA_N
ClientSampleId :
1151

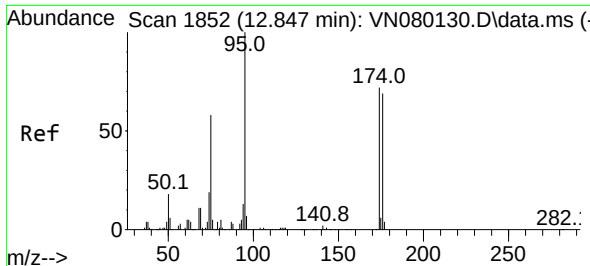
Tgt Ion: 98 Resp: 394168
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#52
Toluene
Concen: 3.988 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080367.D
Acq: 05 Dec 2023 15:34

Tgt Ion: 92 Resp: 22466
Ion Ratio Lower Upper
92 100
91 174.1 137.4 206.0

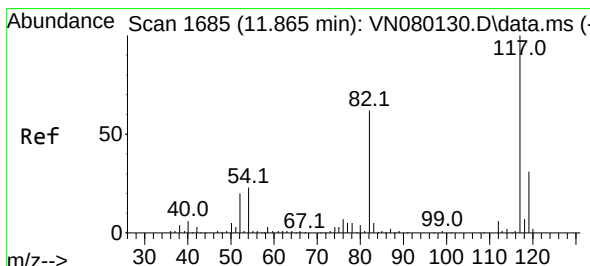
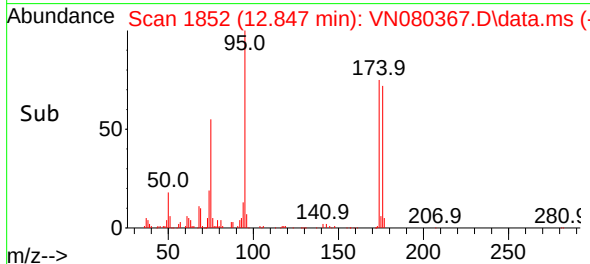
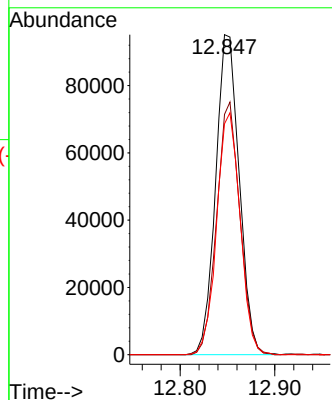
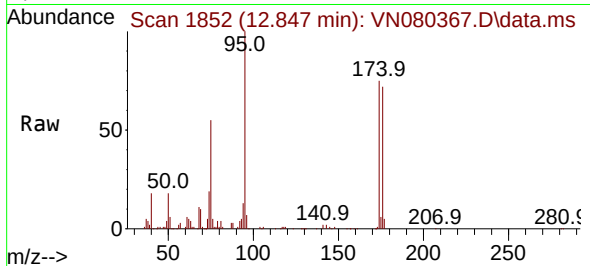




#62
4-Bromofluorobenzene
Concen: 55.292 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080367.D
Acq: 05 Dec 2023 15:34

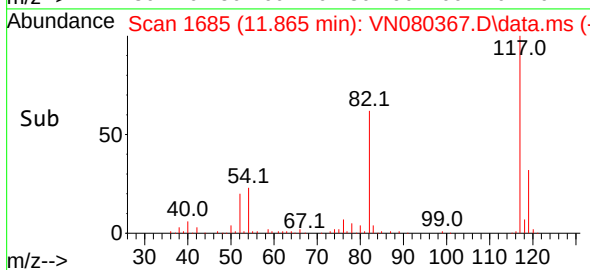
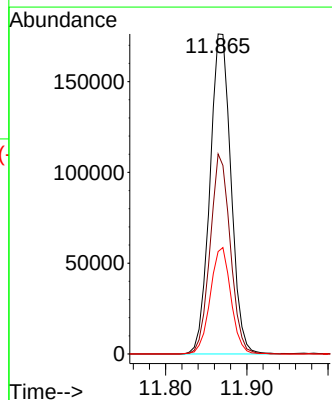
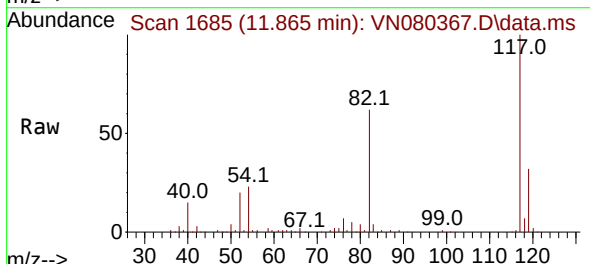
Instrument :
MSVOA_N
ClientSampleId :
1151

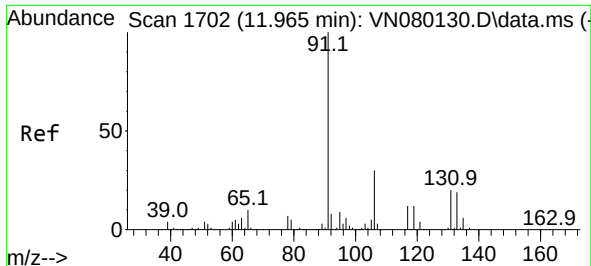
Tgt Ion: 95 Resp: 164678
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 75.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080367.D
Acq: 05 Dec 2023 15:34

Tgt Ion: 117 Resp: 317533
Ion Ratio Lower Upper
117 100
82 62.5 44.0 66.0
119 32.0 25.6 38.4





#67

Ethyl Benzene

Concen: 0.601 ug/l

RT: 11.965 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080367.D

Acq: 05 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

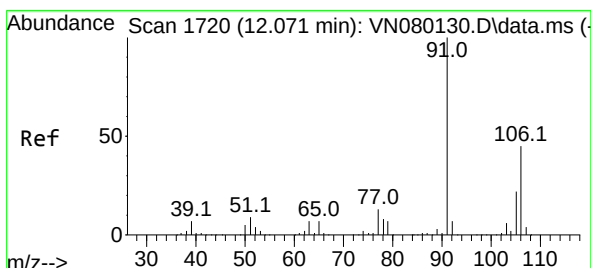
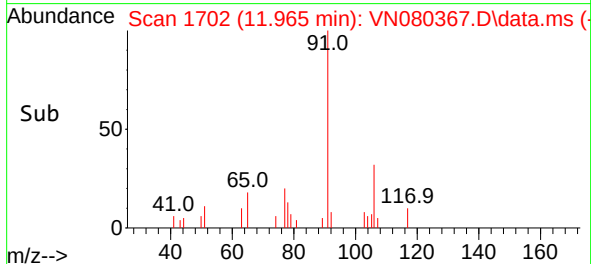
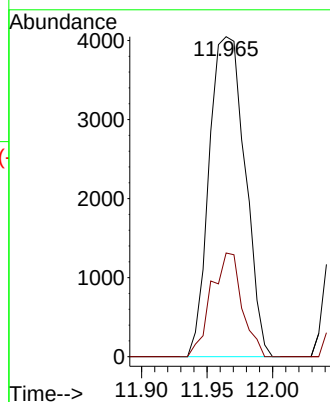
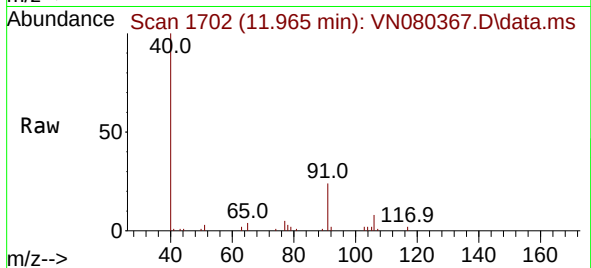
1151

Tgt Ion: 91 Resp: 7700

Ion Ratio Lower Upper

91 100

106 32.4 25.6 38.4



#68

m/p-Xylenes

Concen: 2.478 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN080367.D

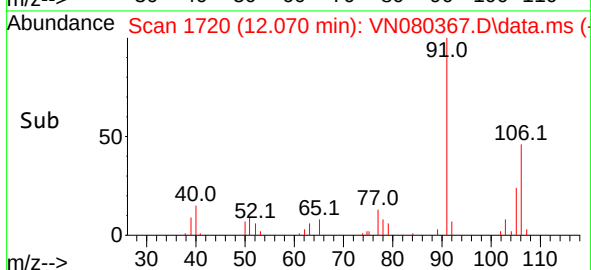
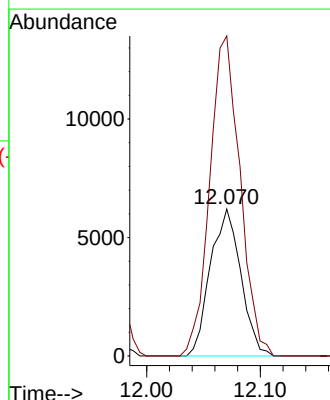
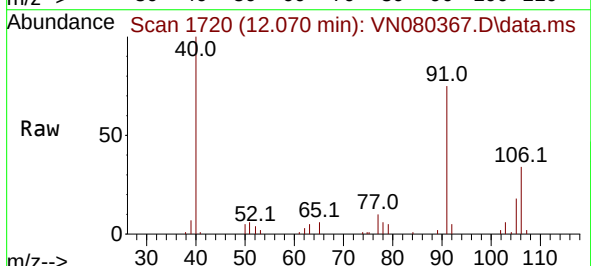
Acq: 05 Dec 2023 15:34

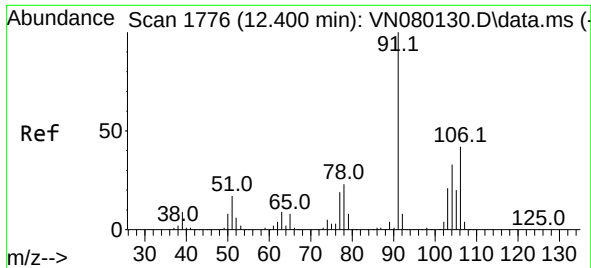
Tgt Ion:106 Resp: 11570

Ion Ratio Lower Upper

106 100

91 216.5 159.6 239.4

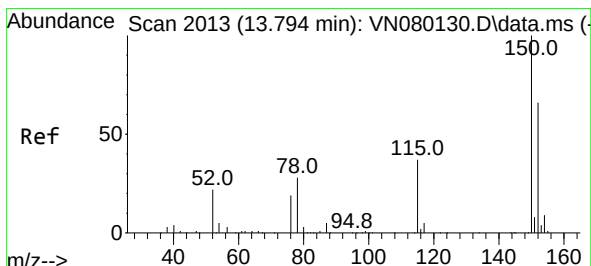
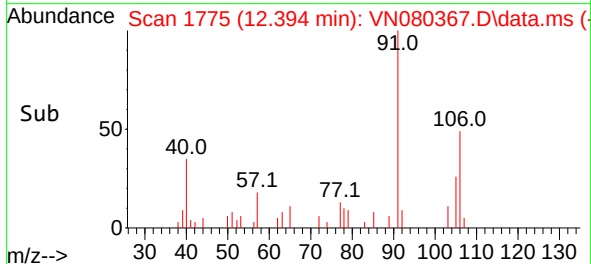
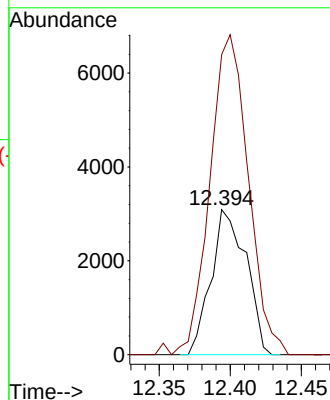
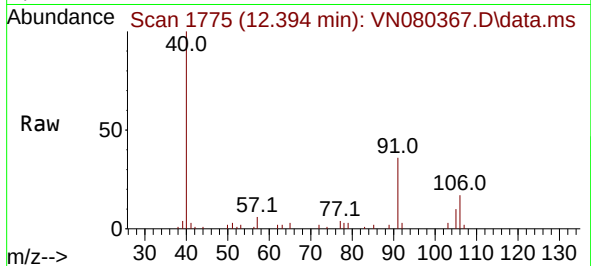




#69
o-Xylene
Concen: 1.207 ug/l
RT: 12.394 min Scan# 11151
Delta R.T. -0.006 min
Lab File: VN080367.D
Acq: 05 Dec 2023 15:34

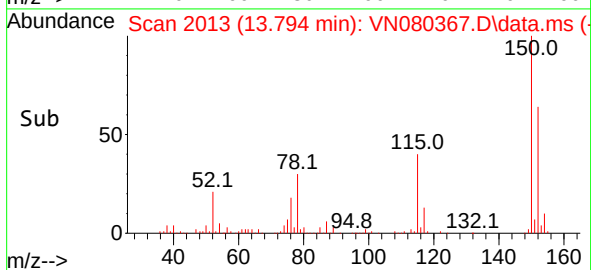
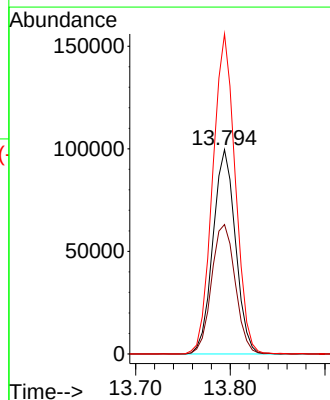
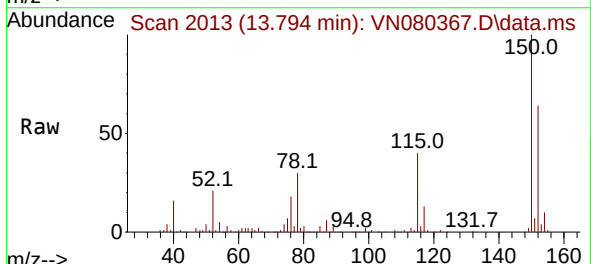
Instrument :
MSVOA_N
ClientSampleId :
1151

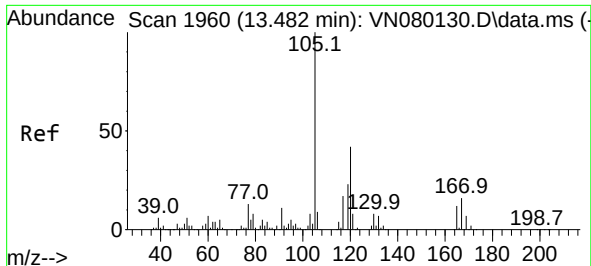
Tgt Ion:106 Resp: 5308
Ion Ratio Lower Upper
106 100
91 241.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080367.D
Acq: 05 Dec 2023 15:34

Tgt Ion:152 Resp: 164813
Ion Ratio Lower Upper
152 100
115 66.6 32.3 96.8
150 157.2 0.0 355.8

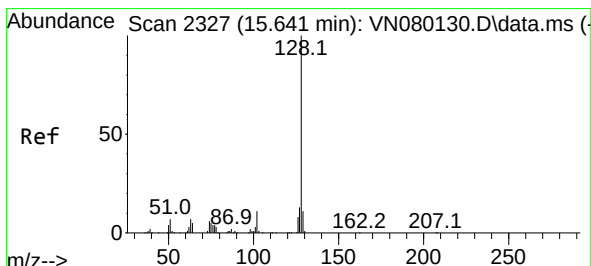
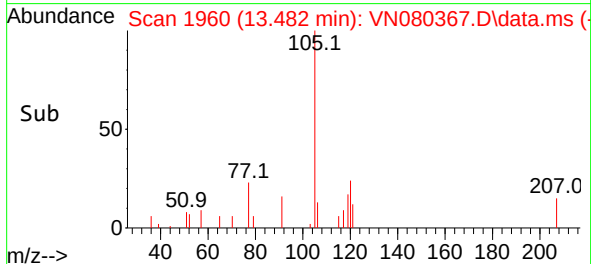
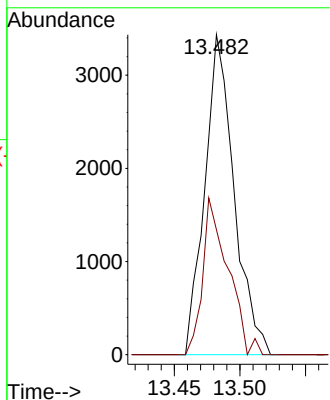
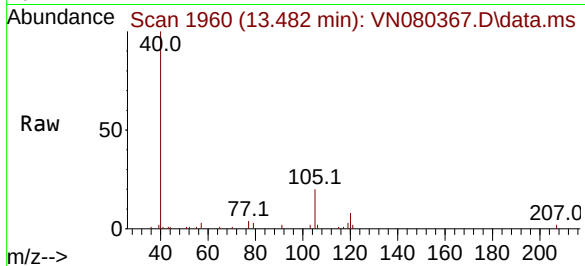




#84
 1,2,4-Trimethylbenzene
 Concen: 0.486 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN080367.D
 Acq: 05 Dec 2023 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 1151

Tgt Ion:105 Resp: 5340
 Ion Ratio Lower Upper
 105 100
 120 42.2 22.0 66.0



#95
 Naphthalene
 Concen: 1.362 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. 0.006 min
 Lab File: VN080367.D
 Acq: 05 Dec 2023 15:34

Tgt Ion:128 Resp: 12791
 Ion Ratio Lower Upper
 128 100
 127 15.0 10.0 15.0
 129 13.3 8.7 13.1#

