

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075608.D
 Acq On : 07 Dec 2022 15:49
 Operator : JC\MD
 Sample : N5876-06 25X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BER-12-02-SIL

Quant Time: Dec 07 16:24:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

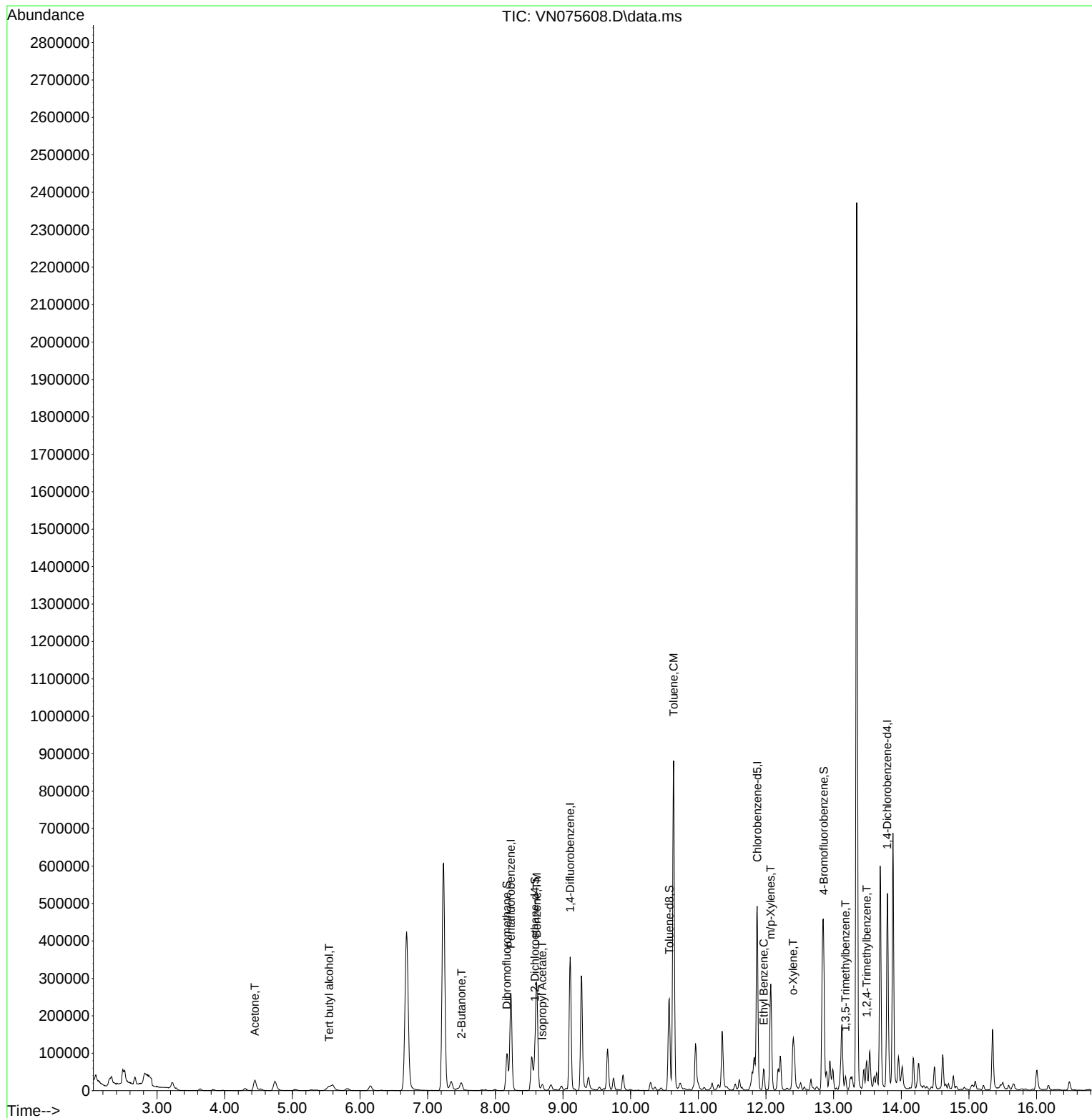
Internal Standards						
1) Pentafluorobenzene	8.229	168	201938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	299668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	57240	52.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.620%	
35) Dibromofluoromethane	8.171	113	71328	54.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.000%	
50) Toluene-d8	10.570	98	148862	50.499	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	12.853	95	115908	53.271	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.541	59	23809	52.323	ug/l #	91
16) Acetone	4.447	43	49303	48.763	ug/l	89
25) 2-Butanone	7.500	43	35713	25.300	ug/l	99
40) Benzene	8.612	78	298585	34.168	ug/l	99
43) Isopropyl Acetate	8.694	43	16427	3.982	ug/l	95
52) Toluene	10.635	92	403379	71.631	ug/l	98
67) Ethyl Benzene	11.965	91	41888	3.967	ug/l	96
68) m/p-Xylenes	12.070	106	95444	22.261	ug/l	99
69) o-Xylene	12.400	106	38352	9.003	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	18321	2.028	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	40769	4.499	ug/l	95

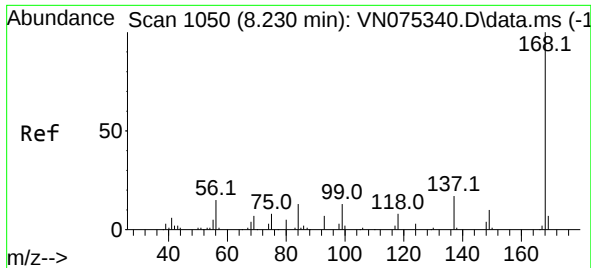
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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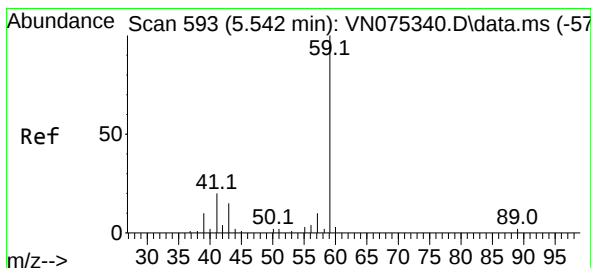
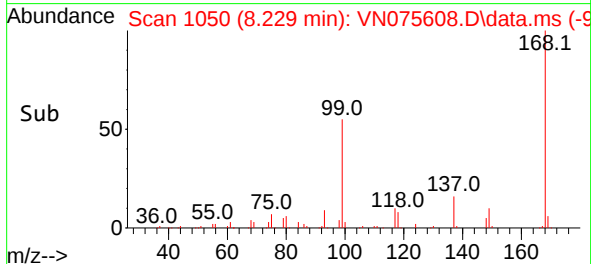
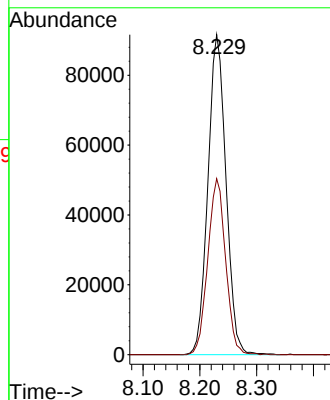
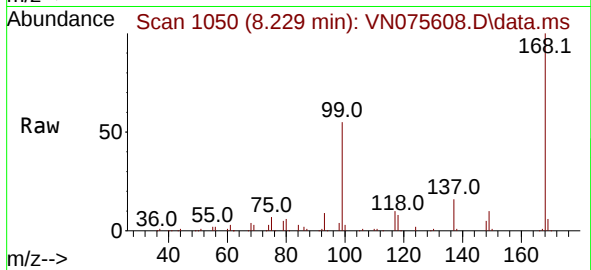




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075608.D
Acq: 07 Dec 2022 15:49

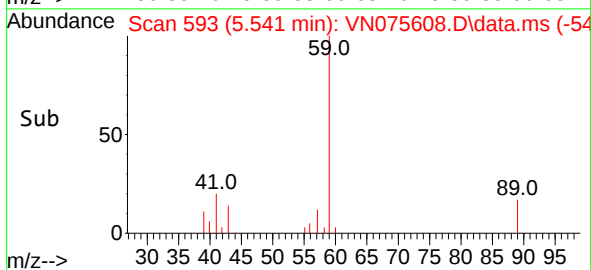
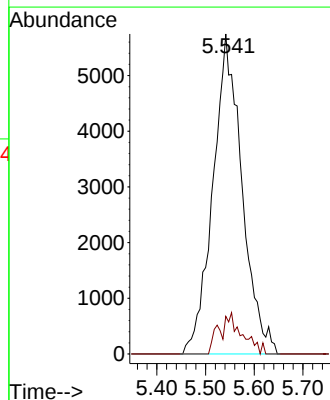
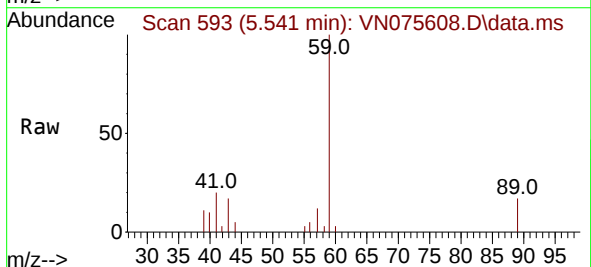
Instrument :
MSVOA_N
ClientSampleId :
BER-12-02-SIL

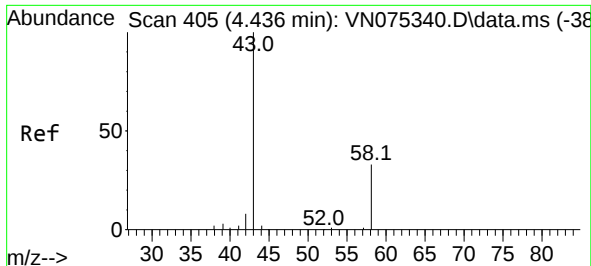
Tgt Ion:168 Resp: 201938
Ion Ratio Lower Upper
168 100
99 55.0 51.6 77.4



#11
Tert butyl alcohol
Concen: 52.323 ug/l
RT: 5.541 min Scan# 593
Delta R.T. -0.001 min
Lab File: VN075608.D
Acq: 07 Dec 2022 15:49

Tgt Ion: 59 Resp: 23809
Ion Ratio Lower Upper
59 100
57 7.4 8.5 12.7#

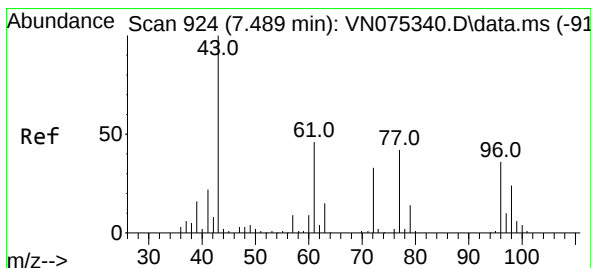
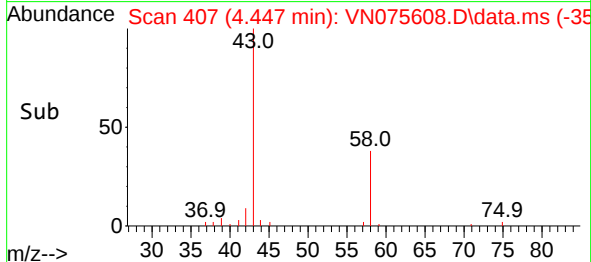
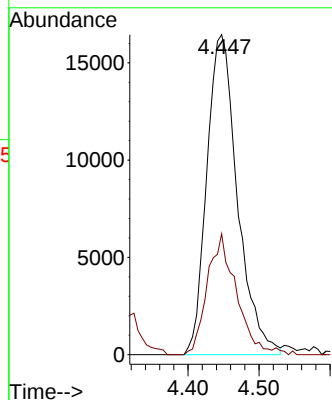
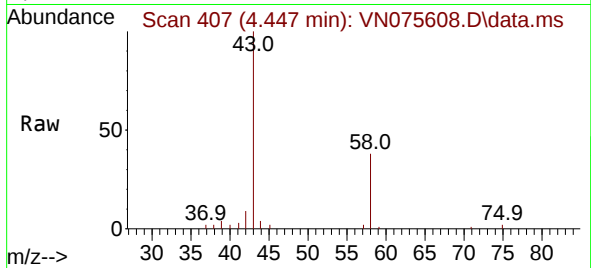




#16
Acetone
Concen: 48.763 ug/l
RT: 4.447 min Scan# 405
Delta R.T. 0.011 min
Lab File: VN075608.D
Acq: 07 Dec 2022 15:49

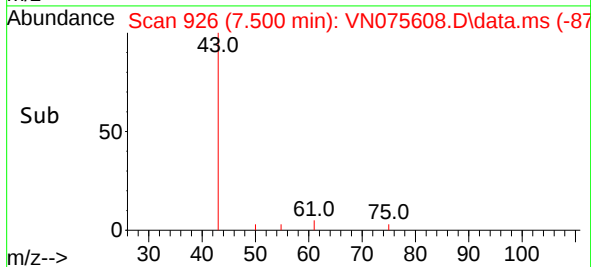
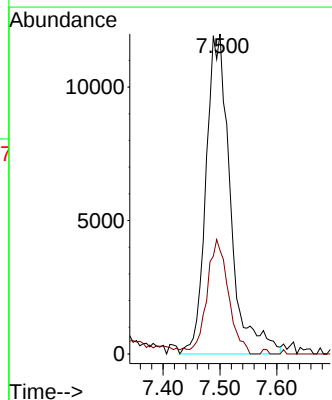
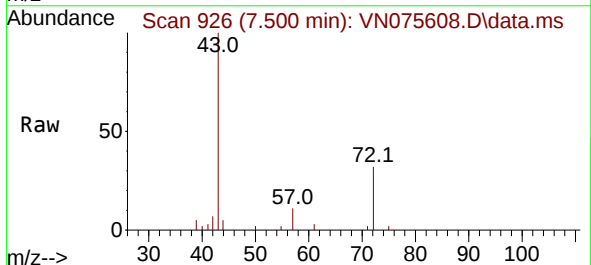
Instrument :
MSVOA_N
ClientSampleId :
BER-12-02-SIL

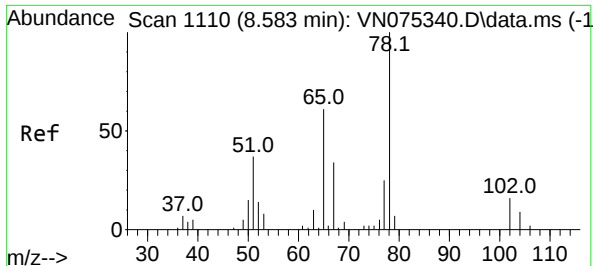
Tgt Ion: 43 Resp: 49303
Ion Ratio Lower Upper
43 100
58 37.8 25.5 38.3



#25
2-Butanone
Concen: 25.300 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.011 min
Lab File: VN075608.D
Acq: 07 Dec 2022 15:49

Tgt Ion: 43 Resp: 35713
Ion Ratio Lower Upper
43 100
72 32.4 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 52.806 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075608.D

Acq: 07 Dec 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

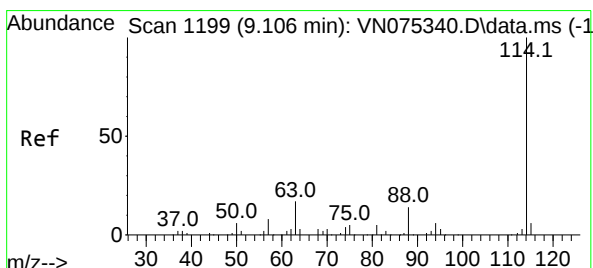
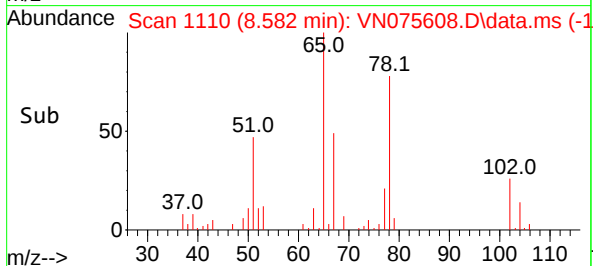
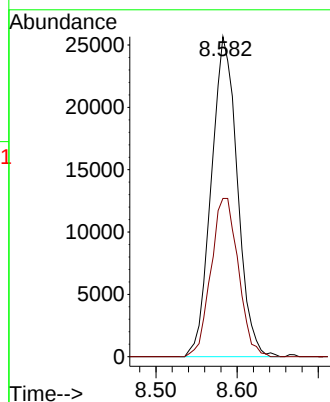
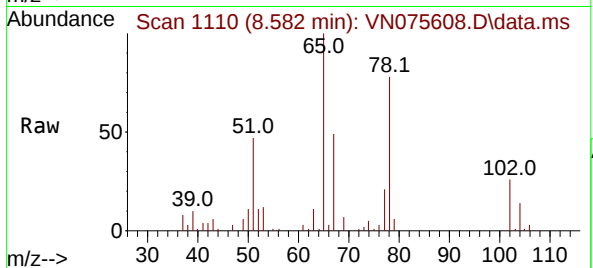
BER-12-02-SIL

Tgt Ion: 65 Resp: 57240

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075608.D

Acq: 07 Dec 2022 15:49

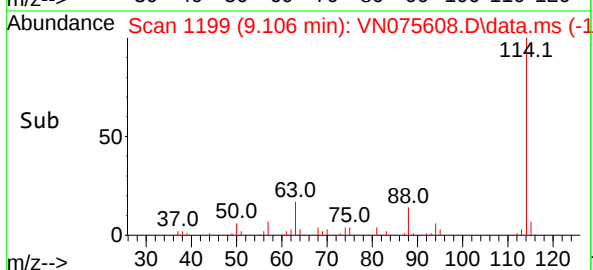
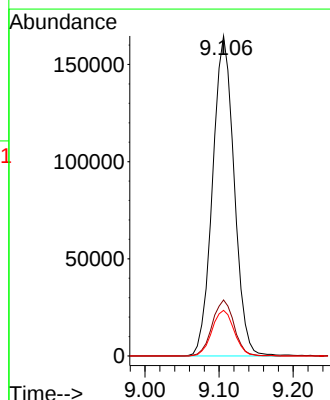
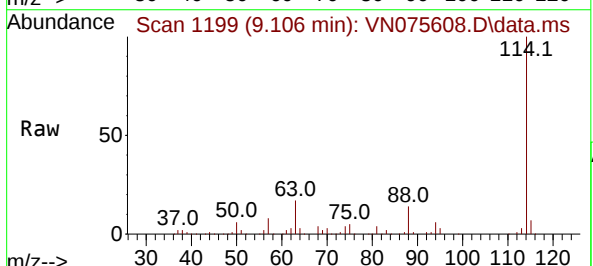
Tgt Ion: 114 Resp: 333175

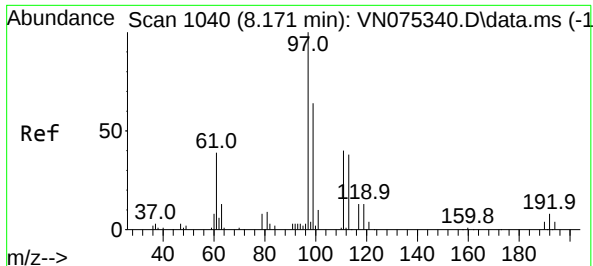
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.498 ug/l

RT: 8.171 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075608.D

Acq: 07 Dec 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

BER-12-02-SIL

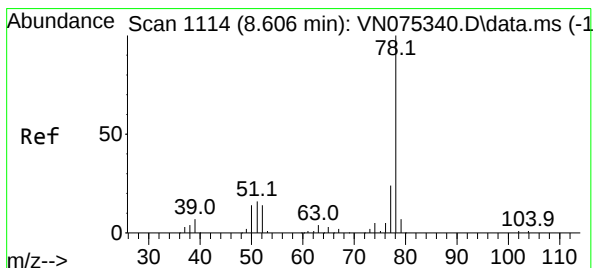
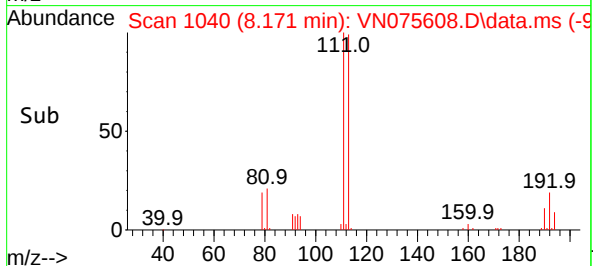
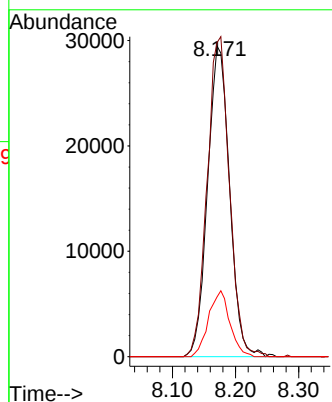
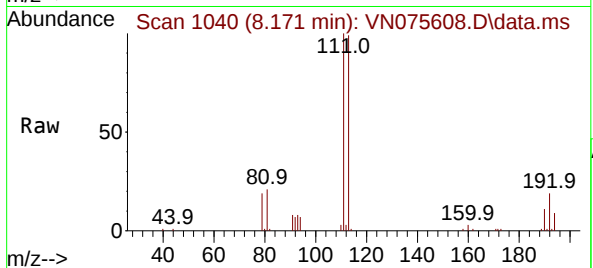
Tgt Ion:113 Resp: 71328

Ion Ratio Lower Upper

113 100

111 104.1 80.5 120.7

192 20.6 13.2 19.8#



#40

Benzene

Concen: 34.168 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075608.D

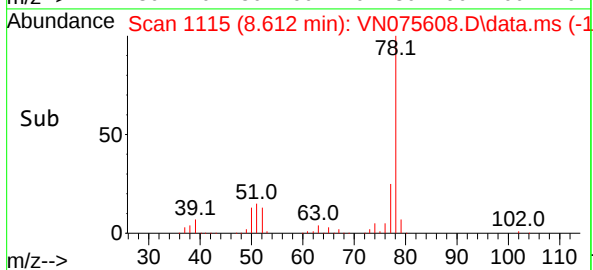
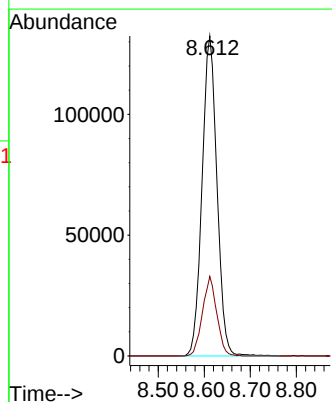
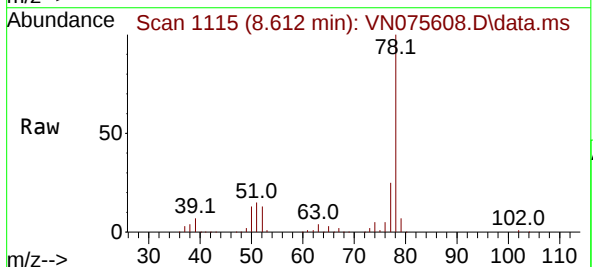
Acq: 07 Dec 2022 15:49

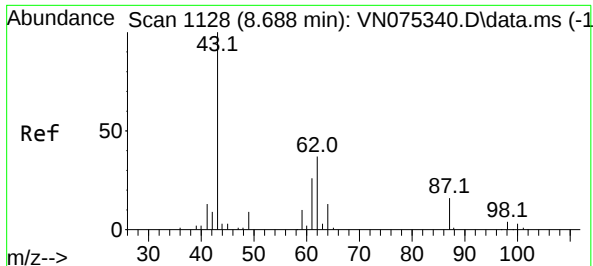
Tgt Ion: 78 Resp: 298585

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0





#43

Isopropyl Acetate

Concen: 3.982 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075608.D

Acq: 07 Dec 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

BER-12-02-SIL

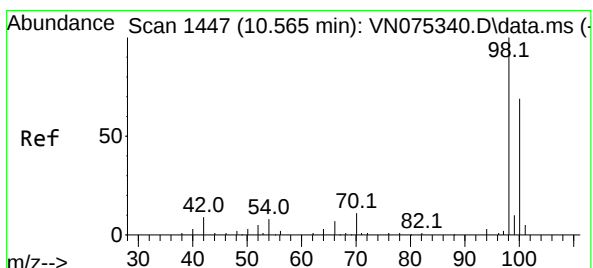
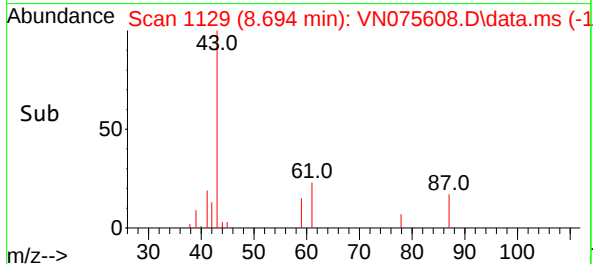
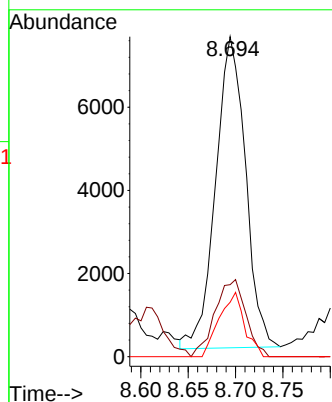
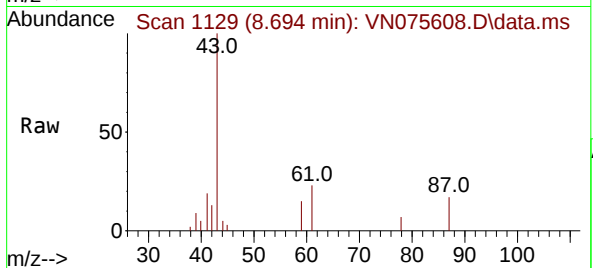
Tgt Ion: 43 Resp: 16427

Ion Ratio Lower Upper

43 100

61 25.5 22.4 33.6

87 17.4 12.5 18.7



#50

Toluene-d8

Concen: 50.499 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. 0.005 min

Lab File: VN075608.D

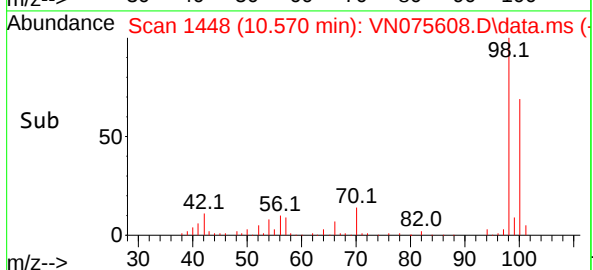
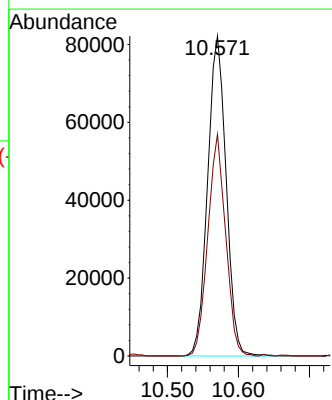
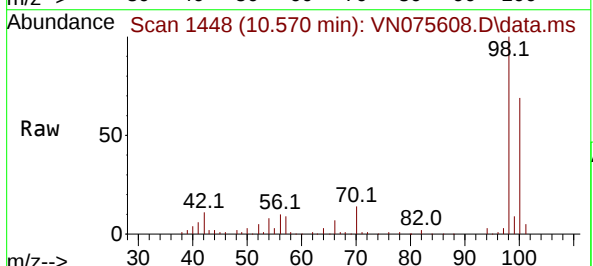
Acq: 07 Dec 2022 15:49

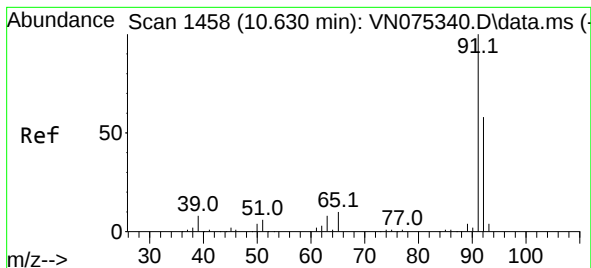
Tgt Ion: 98 Resp: 148862

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.6





#52

Toluene

Concen: 71.631 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.005 min

Lab File: VN075608.D

Acq: 07 Dec 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

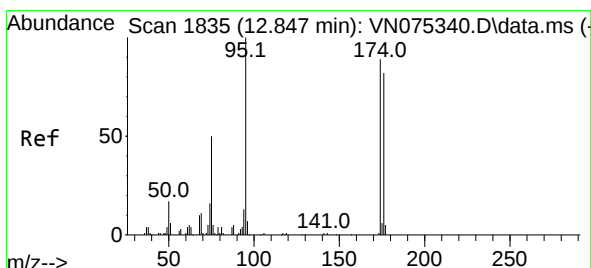
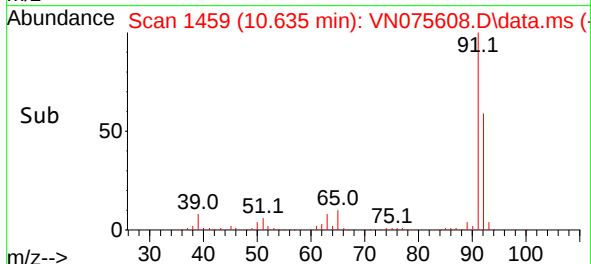
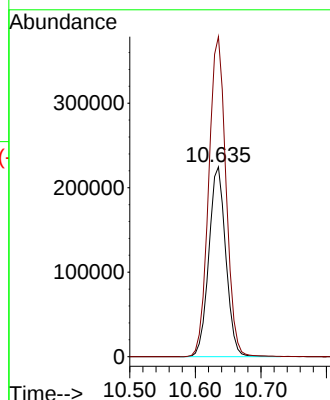
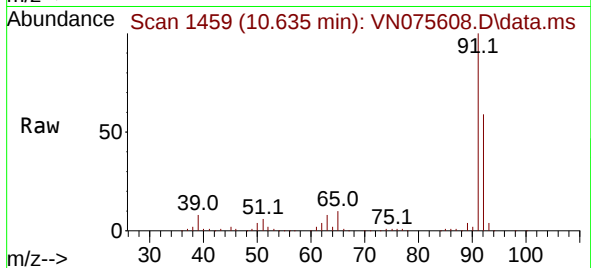
BER-12-02-SIL

Tgt Ion: 92 Resp: 403379

Ion Ratio Lower Upper

92 100

91 171.8 135.4 203.2



#62

4-Bromofluorobenzene

Concen: 53.271 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075608.D

Acq: 07 Dec 2022 15:49

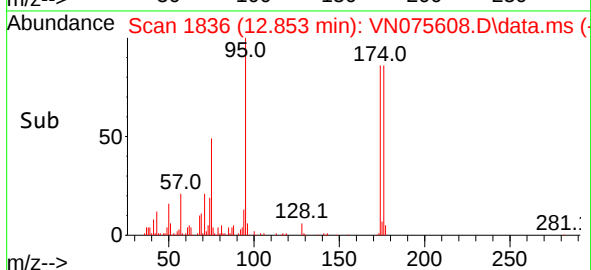
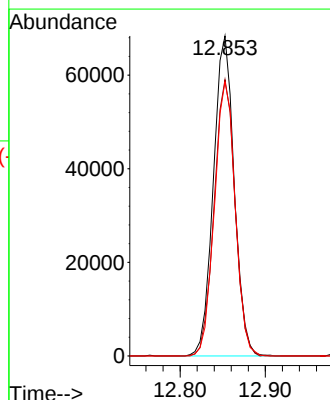
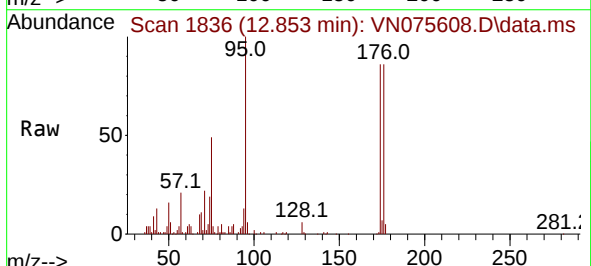
Tgt Ion: 95 Resp: 115908

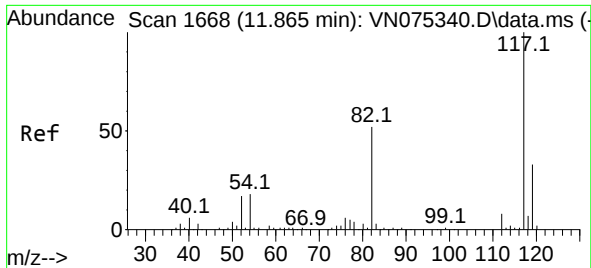
Ion Ratio Lower Upper

95 100

174 86.7 0.0 147.4

176 85.3 0.0 142.2

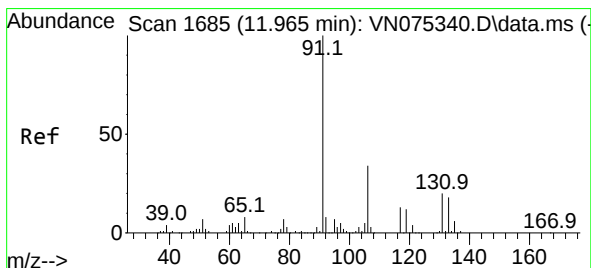
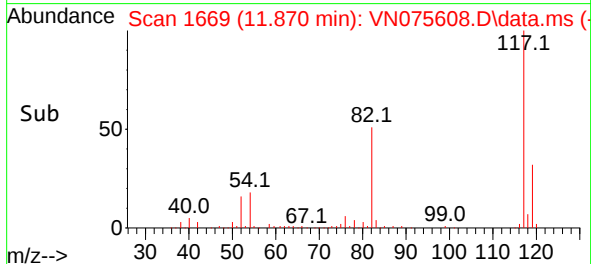
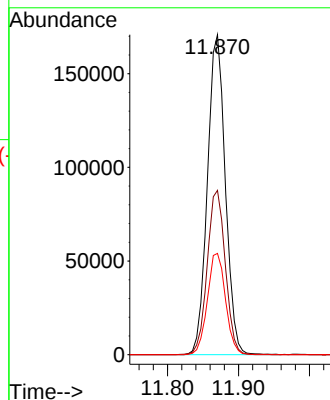
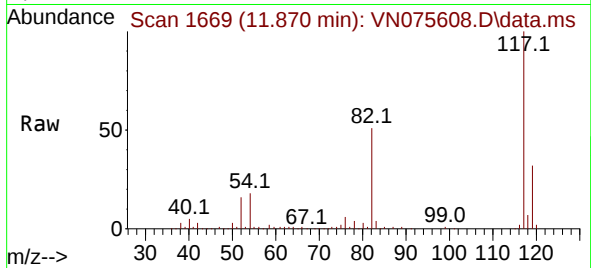




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN075608.D
Acq: 07 Dec 2022 15:49

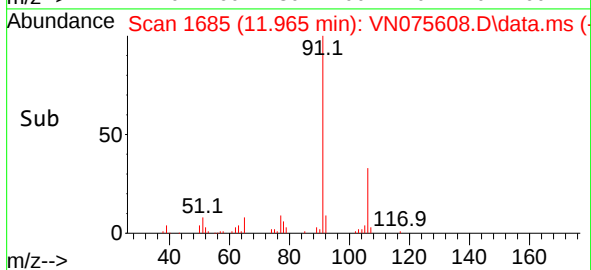
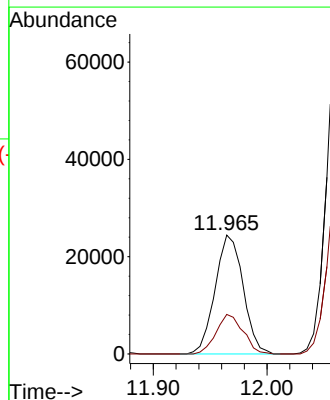
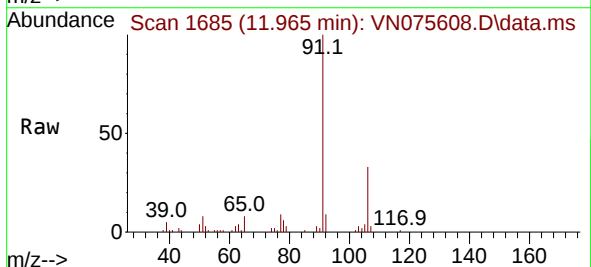
Instrument :
MSVOA_N
ClientSampleId :
BER-12-02-SIL

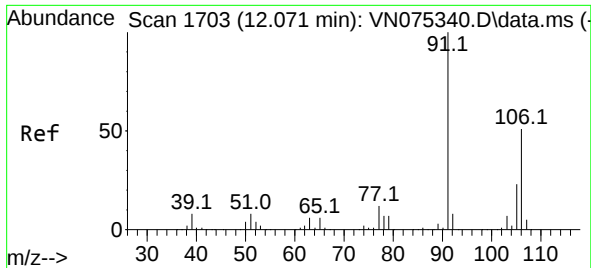
Tgt Ion:117 Resp: 299668
Ion Ratio Lower Upper
117 100
82 51.3 43.1 64.7
119 31.6 25.5 38.3



#67
Ethyl Benzene
Concen: 3.967 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075608.D
Acq: 07 Dec 2022 15:49

Tgt Ion: 91 Resp: 41888
Ion Ratio Lower Upper
91 100
106 33.3 24.9 37.3

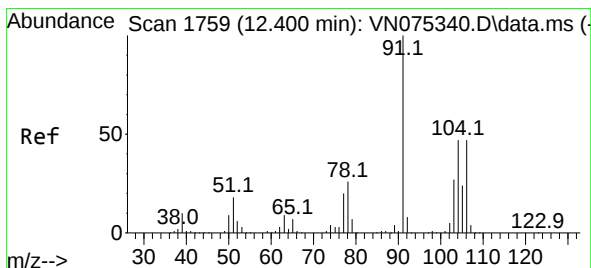
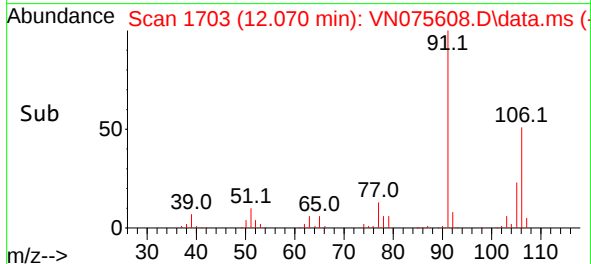
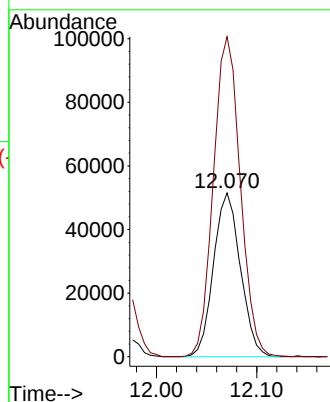
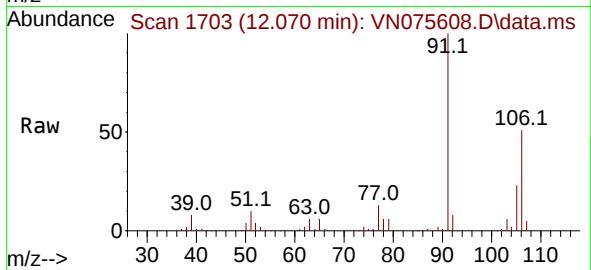




#68
m/p-Xylenes
Concen: 22.261 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075608.D
Acq: 07 Dec 2022 15:49

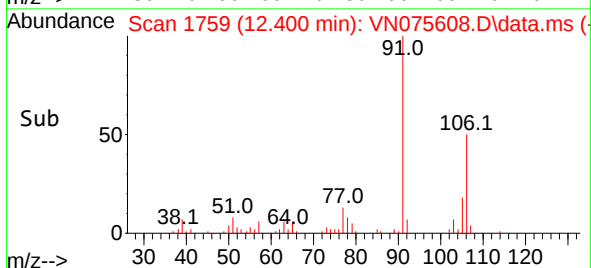
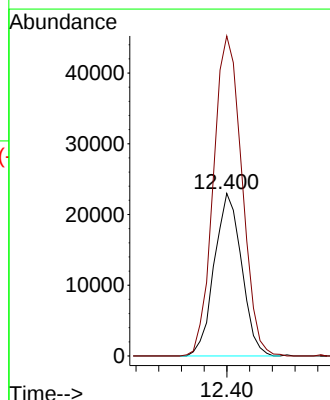
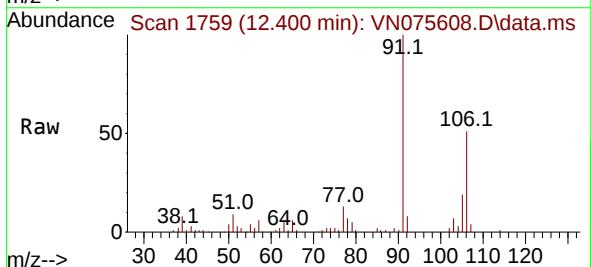
Instrument :
MSVOA_N
ClientSampleId :
BER-12-02-SIL

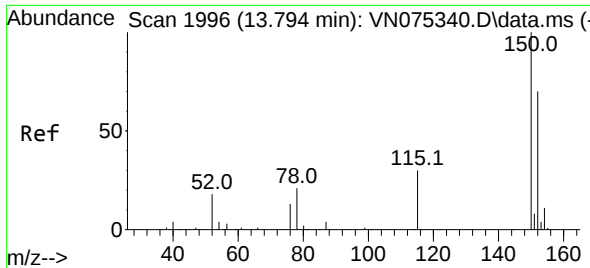
Tgt Ion:106 Resp: 95444
Ion Ratio Lower Upper
106 100
91 196.3 156.0 234.0



#69
o-Xylene
Concen: 9.003 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075608.D
Acq: 07 Dec 2022 15:49

Tgt Ion:106 Resp: 38352
Ion Ratio Lower Upper
106 100
91 205.9 105.2 315.5

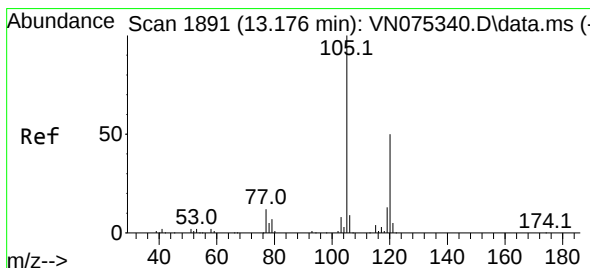
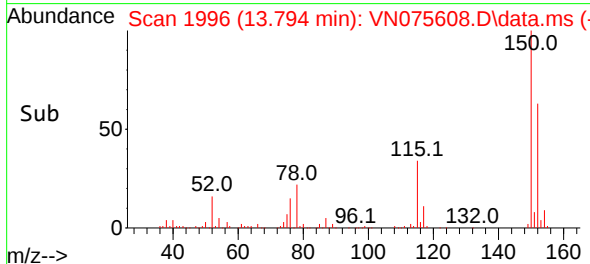
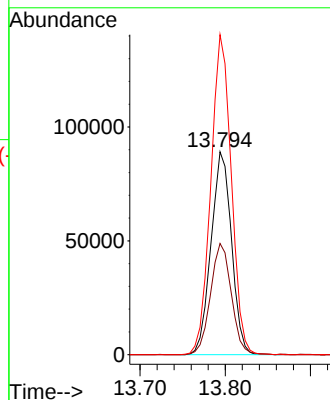
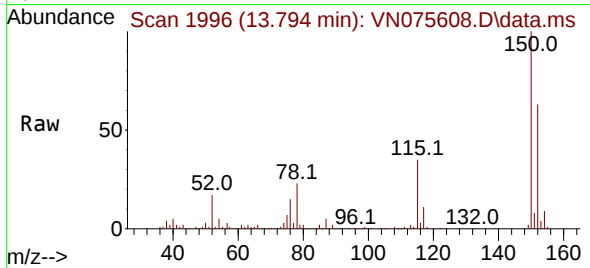




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075608.D
 Acq: 07 Dec 2022 15:49

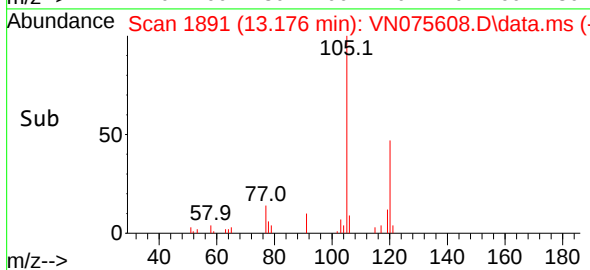
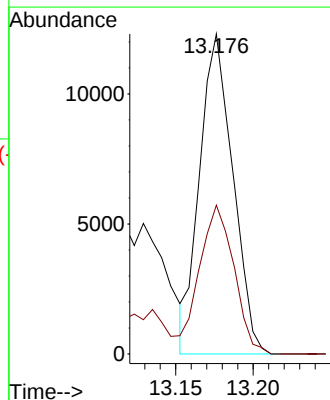
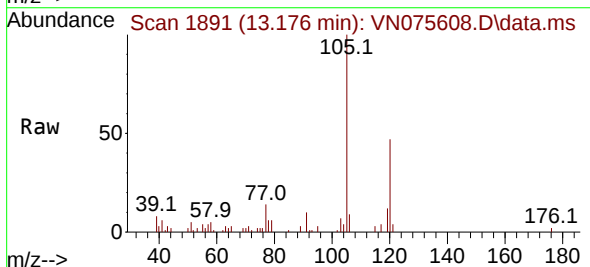
Instrument :
 MSVOA_N
 ClientSampleId :
 BER-12-02-SIL

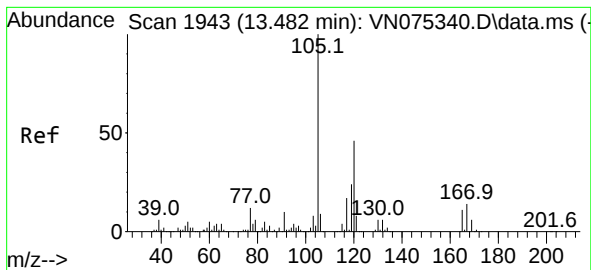
Tgt Ion:152 Resp: 148821
 Ion Ratio Lower Upper
 152 100
 115 55.7 30.2 90.6
 150 157.6 0.0 348.4



#80
 1,3,5-Trimethylbenzene
 Concen: 2.028 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN075608.D
 Acq: 07 Dec 2022 15:49

Tgt Ion:105 Resp: 18321
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.7 74.1





#84
 1,2,4-Trimethylbenzene
 Concen: 4.499 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN075608.D
 Acq: 07 Dec 2022 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 BER-12-02-SIL

Tgt Ion:105 Resp: 40769
 Ion Ratio Lower Upper
 105 100
 120 42.1 22.7 68.1

