

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083621.D
 Acq On : 03 Sep 2024 13:33
 Operator : JC\MD
 Sample : P3787-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-3

Quant Time: Sep 03 14:29:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

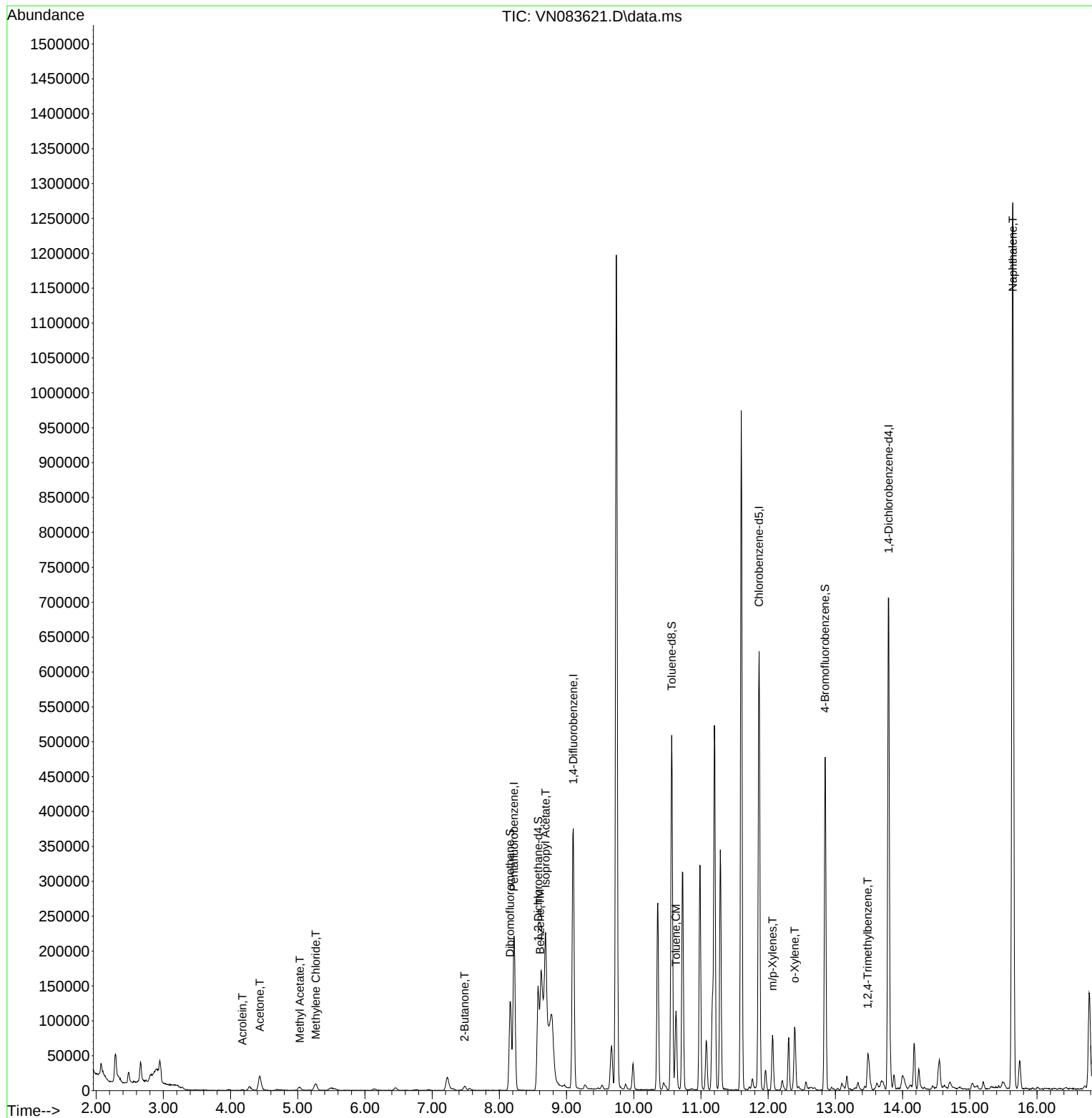
Internal Standards						
1) Pentafluorobenzene	8.218	168	155470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	349267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113236	52.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.220%			
35) Dibromofluoromethane	8.159	113	92214	48.773	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.540%			
50) Toluene-d8	10.565	98	340756	46.315	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.640%			
62) 4-Bromofluorobenzene	12.847	95	167509	61.416	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 122.840%#			
Target Compounds					Qvalue	
13) Acrolein	4.177	56	1244	3.881	ug/l	96
16) Acetone	4.436	43	36470	42.089	ug/l	91
18) Methyl Acetate	5.030	43	9632	4.180	ug/l	100
20) Methylene Chloride	5.271	84	7231	3.779	ug/l #	82
25) 2-Butanone	7.483	43	10811	9.164	ug/l	99
40) Benzene	8.606	78	51696	5.827	ug/l	97
43) Isopropyl Acetate	8.688	43	299626m	52.072	ug/l	
52) Toluene	10.630	92	48055	8.661	ug/l	97
68) m/p-Xylenes	12.065	106	23248	4.414	ug/l	100
69) o-Xylene	12.394	106	21775	4.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	34830	2.788	ug/l	79
95) Naphthalene	15.641	128	1178796	100.124	ug/l	100

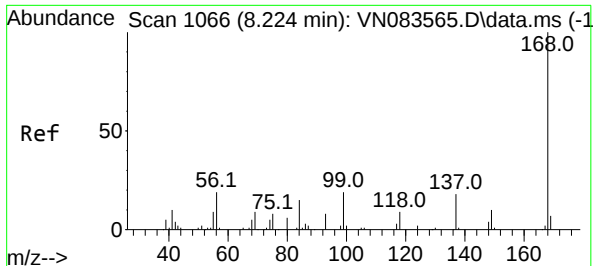
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
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Quant Title : SW846 8260
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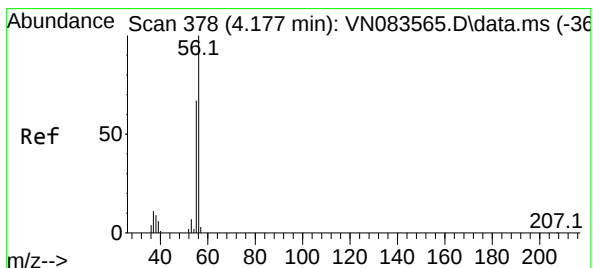
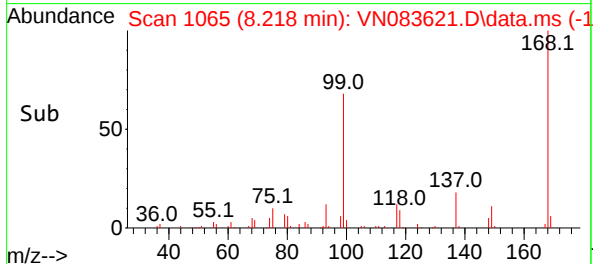
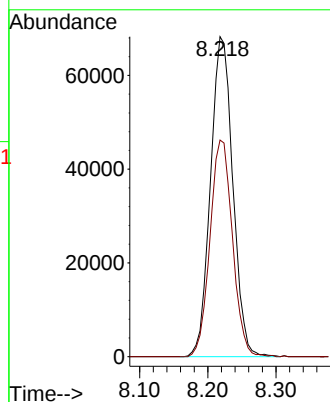
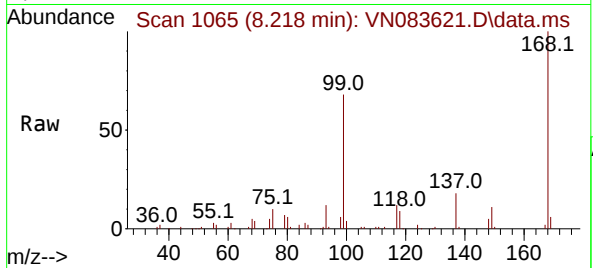




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

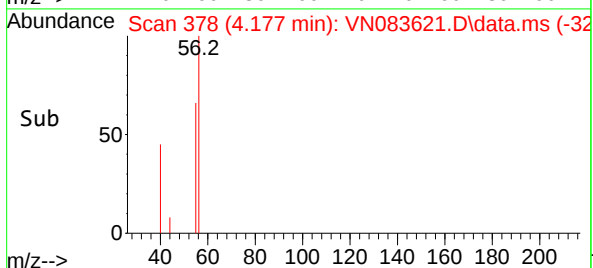
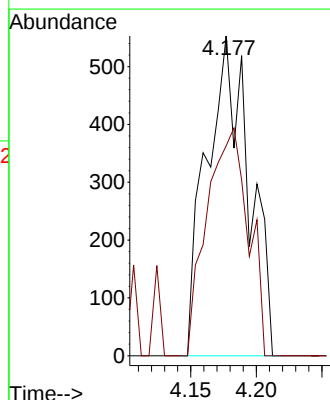
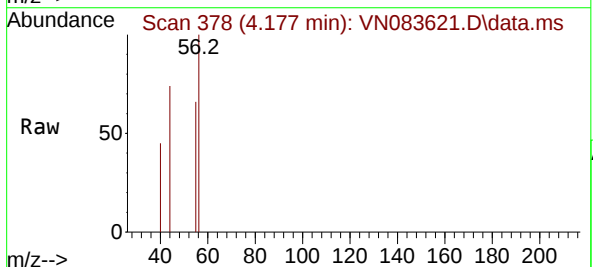
Instrument :
MSVOA_N
ClientSampleId :
SB-3

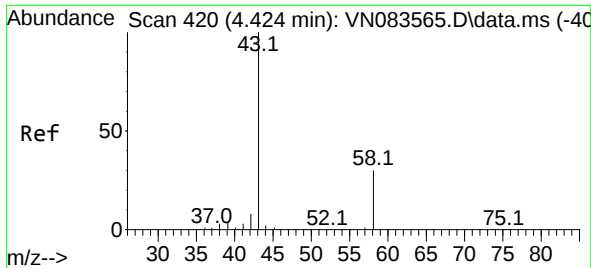
Tgt Ion:168 Resp: 155470
Ion Ratio Lower Upper
168 100
99 67.7 54.2 81.2



#13
Acrolein
Concen: 3.881 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

Tgt Ion: 56 Resp: 1244
Ion Ratio Lower Upper
56 100
55 69.6 58.2 87.2

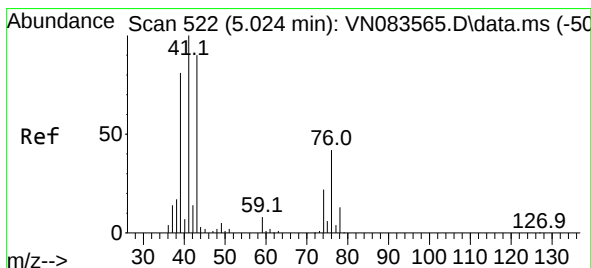
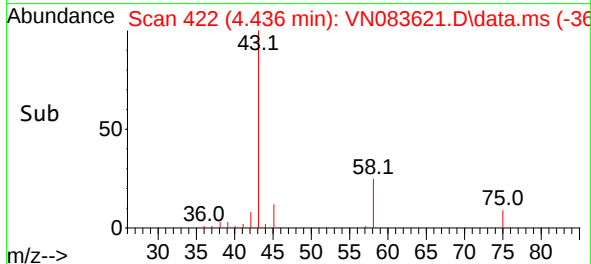
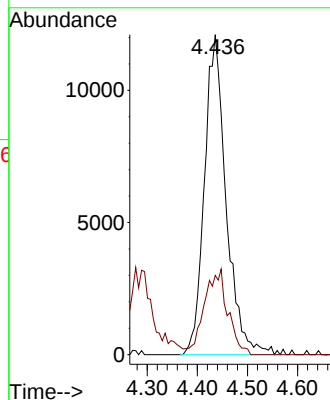
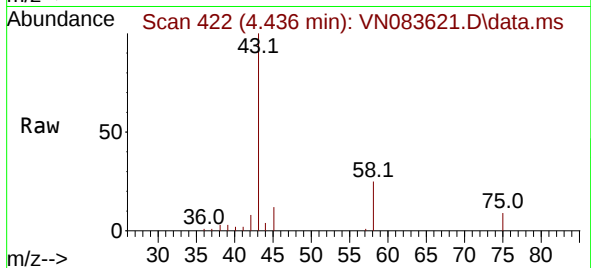




#16
Acetone
Concen: 42.089 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

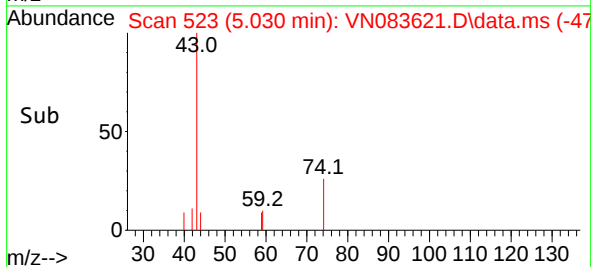
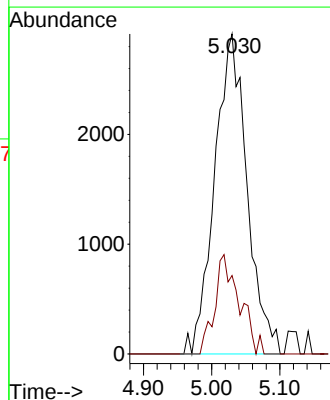
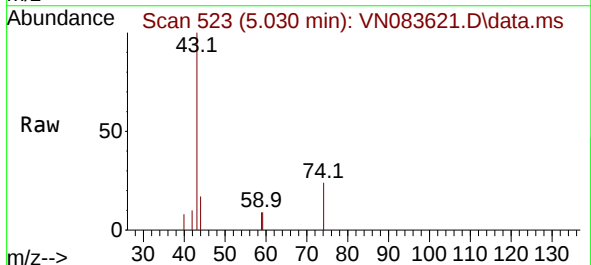
Instrument :
MSVOA_N
ClientSampleId :
SB-3

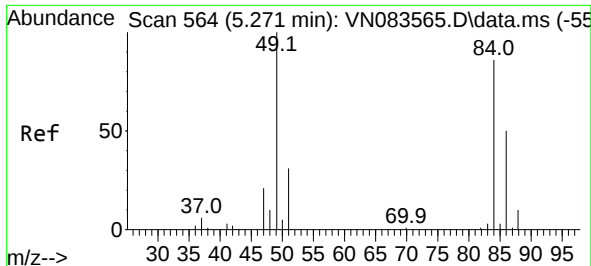
Tgt Ion: 43 Resp: 36470
Ion Ratio Lower Upper
43 100
58 24.7 23.7 35.5



#18
Methyl Acetate
Concen: 4.180 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

Tgt Ion: 43 Resp: 9632
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.4

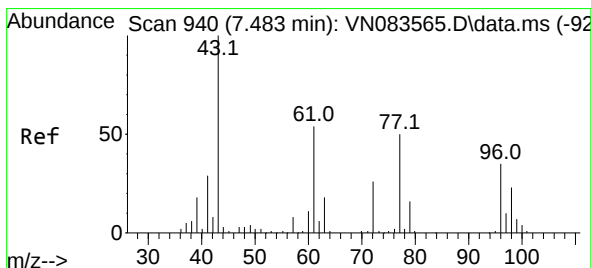
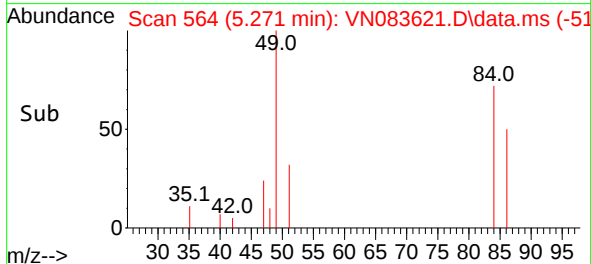
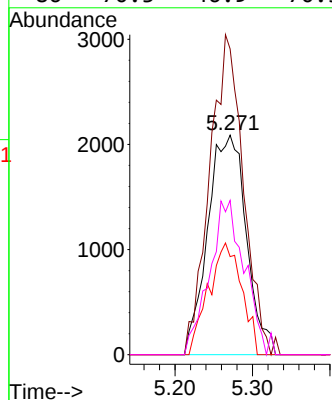
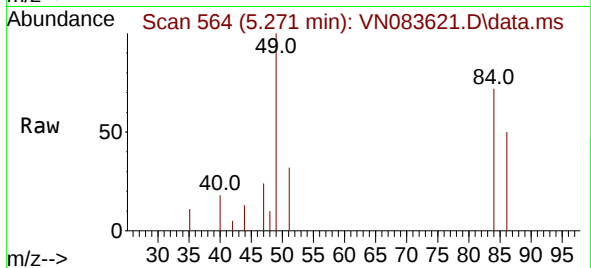




#20
Methylene Chloride
Concen: 3.779 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

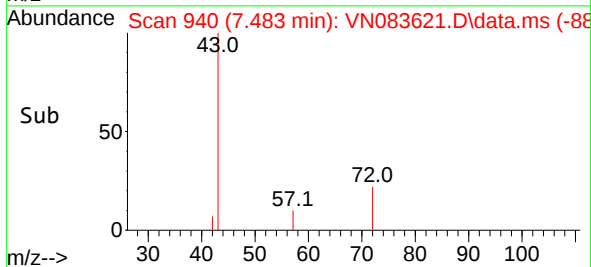
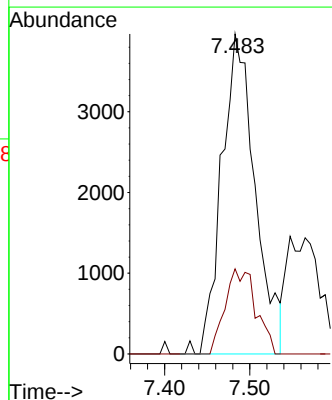
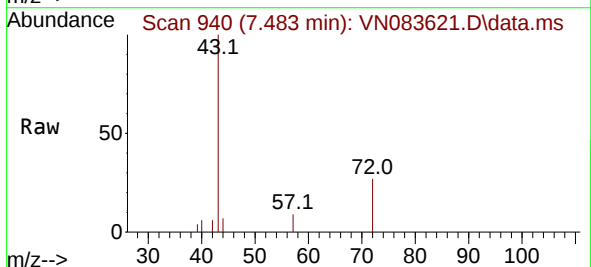
Instrument :
MSVOA_N
ClientSampleId :
SB-3

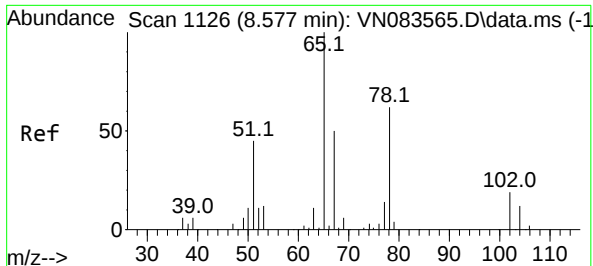
Tgt Ion: 84	Resp: 7231
Ion Ratio	Lower Upper
84 100	
49 139.3	93.4 140.0
51 44.7	29.2 43.8#
86 70.3	46.9 70.3



#25
2-Butanone
Concen: 9.164 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

Tgt Ion: 43	Resp: 10811
Ion Ratio	Lower Upper
43 100	
72 26.6	20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 52.114 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083621.D

Acq: 03 Sep 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

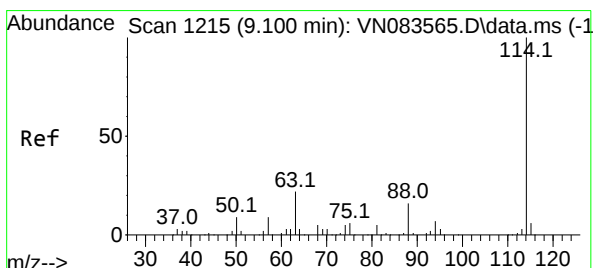
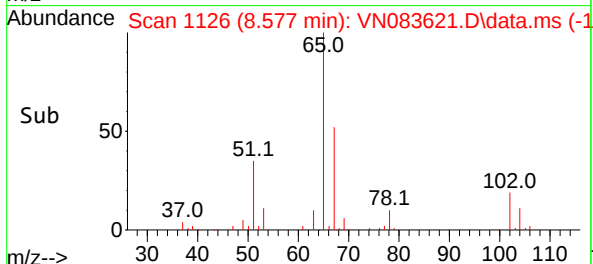
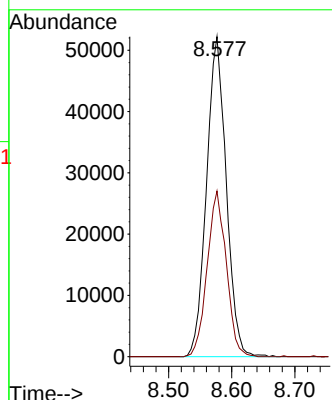
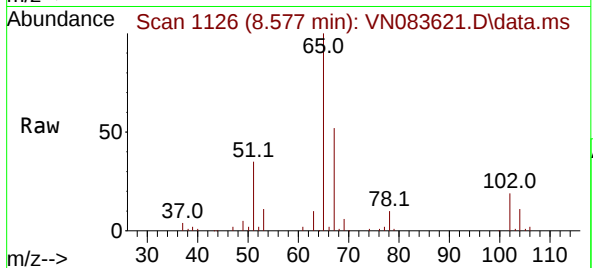
SB-3

Tgt Ion: 65 Resp: 113236

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083621.D

Acq: 03 Sep 2024 13:33

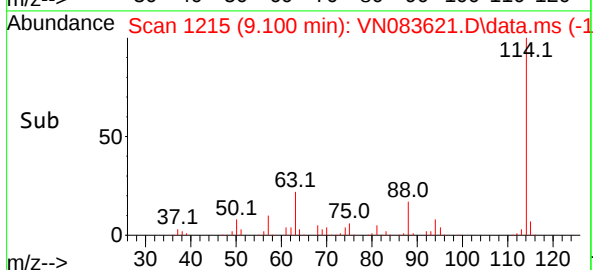
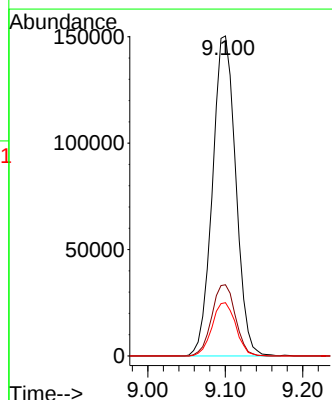
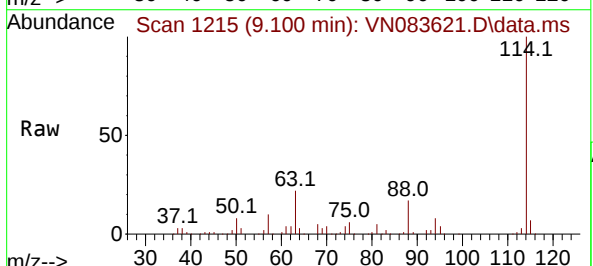
Tgt Ion: 114 Resp: 314129

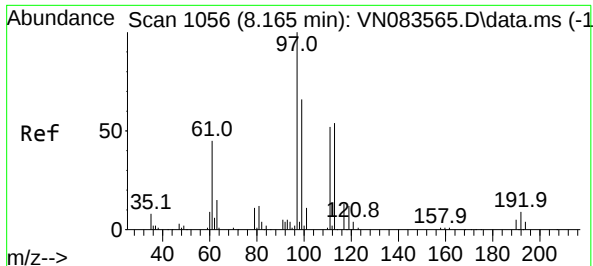
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.773 ug/l

RT: 8.159 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN083621.D

Acq: 03 Sep 2024 13:33

Instrument :

MSVOA_N

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SB-3

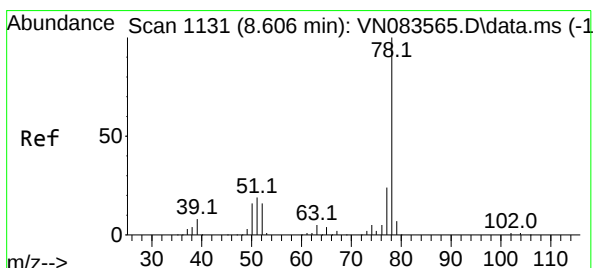
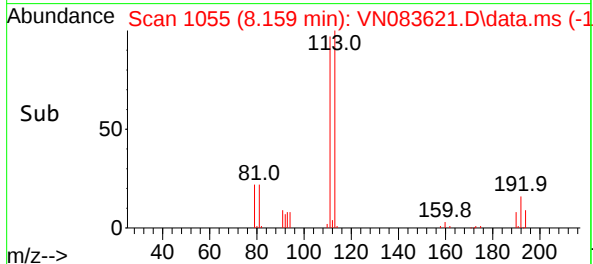
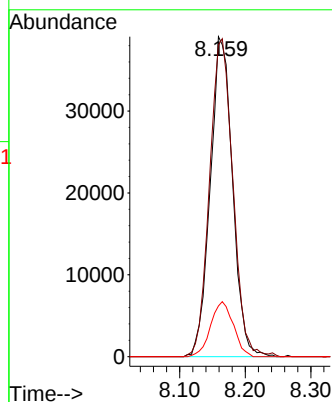
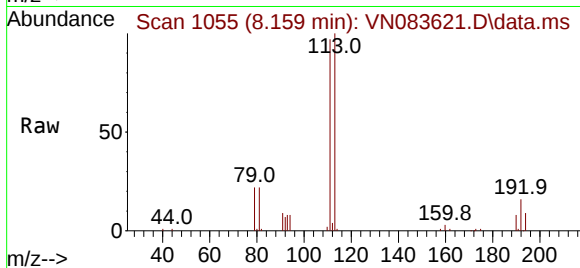
Tgt Ion:113 Resp: 92214

Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 17.6 14.3 21.5



#40

Benzene

Concen: 5.827 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083621.D

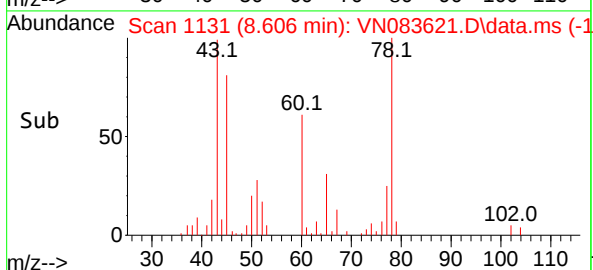
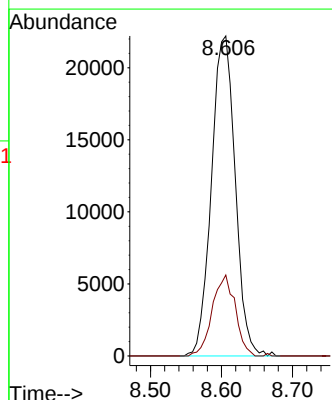
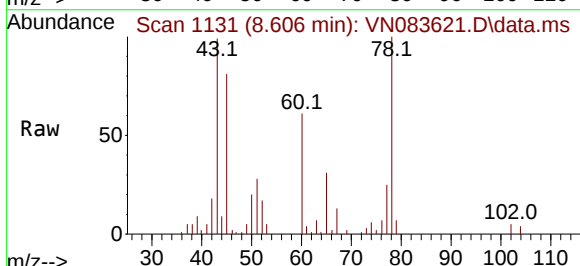
Acq: 03 Sep 2024 13:33

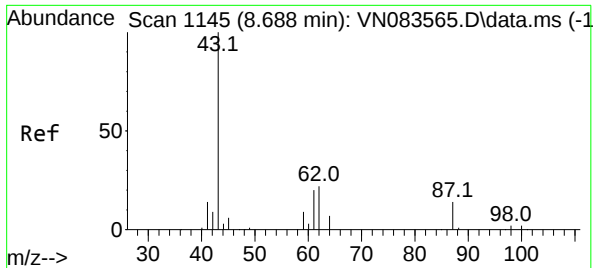
Tgt Ion: 78 Resp: 51696

Ion Ratio Lower Upper

78 100

77 25.3 19.0 28.6

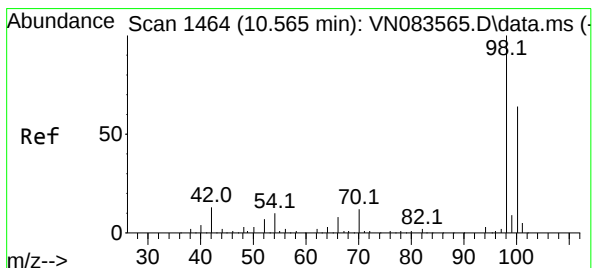
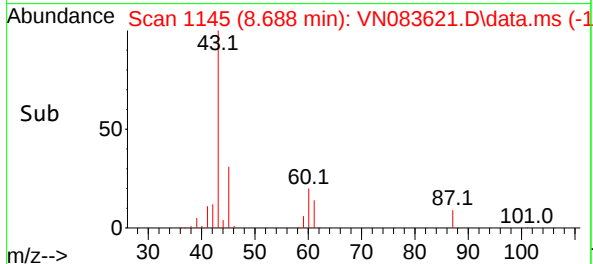
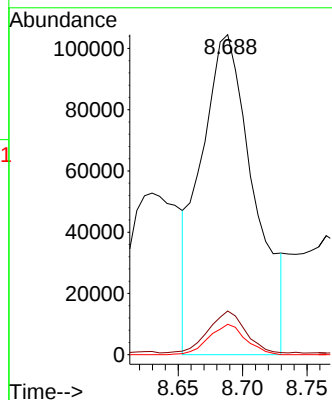
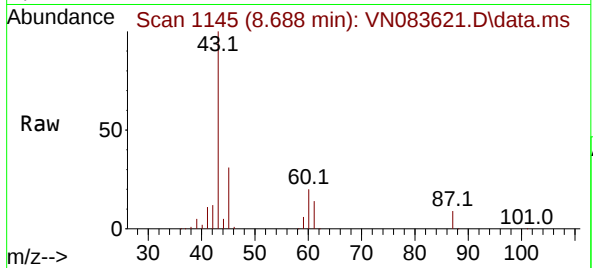




#43
Isopropyl Acetate
Concen: 52.072 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

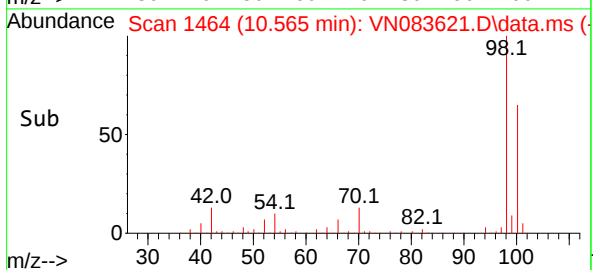
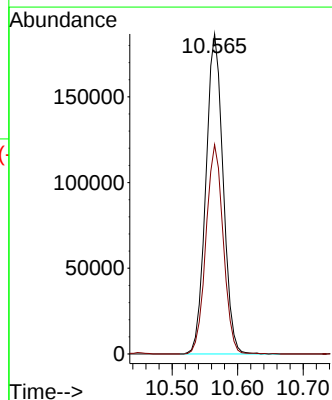
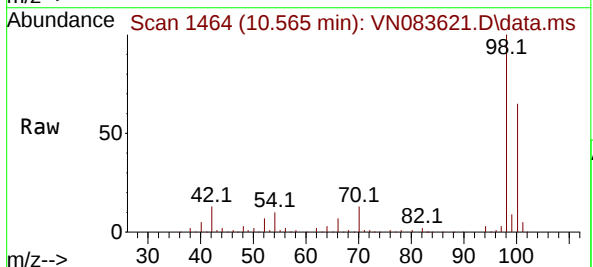
Instrument :
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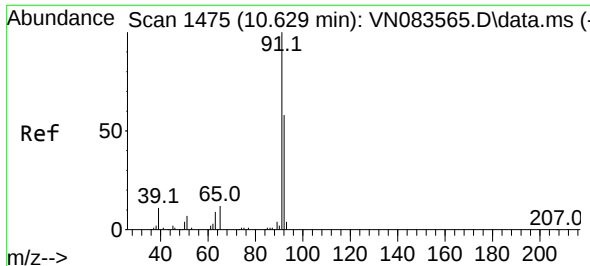
Tgt Ion: 43 Resp: 299626
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 46.315 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

Tgt Ion: 98 Resp: 340756
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

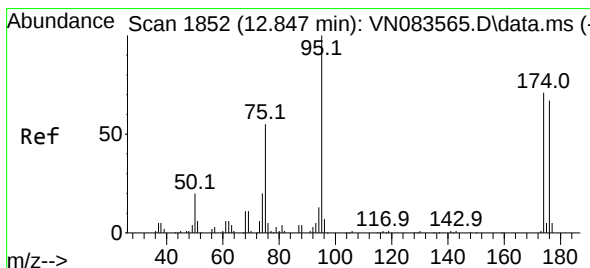
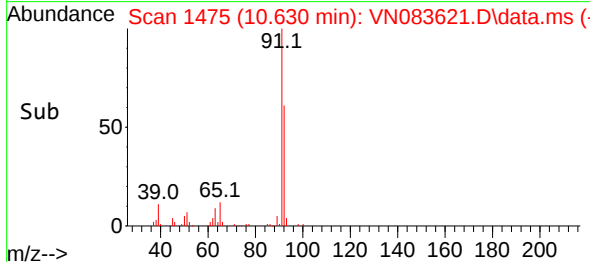
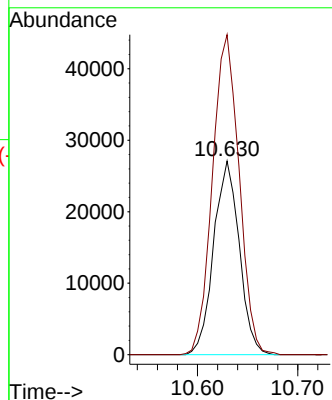
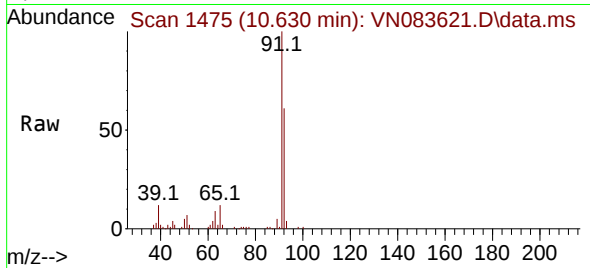




#52
Toluene
Concen: 8.661 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

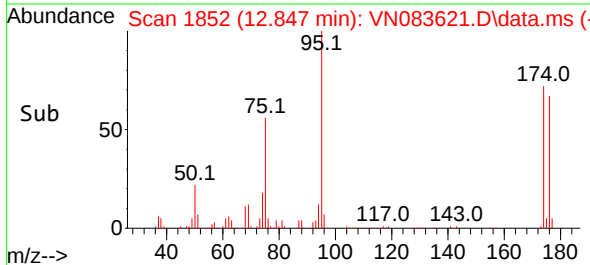
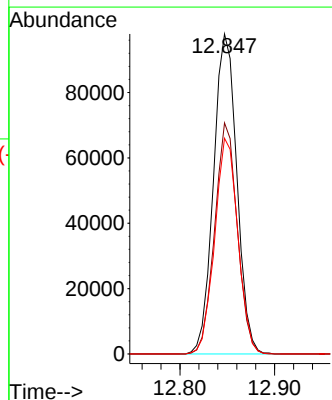
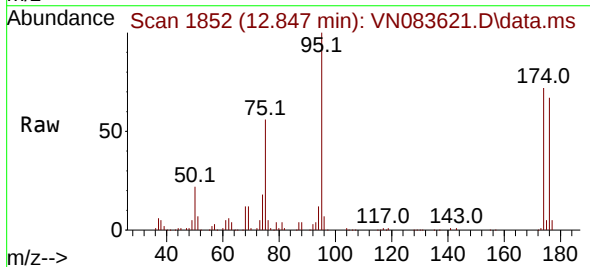
Instrument :
MSVOA_N
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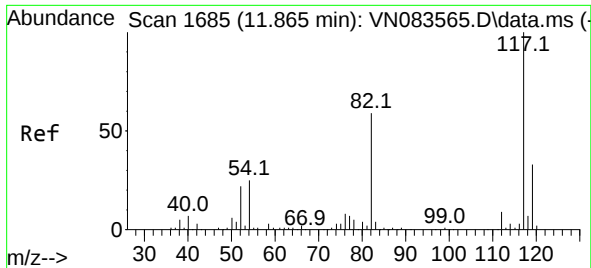
Tgt Ion: 92 Resp: 48055
Ion Ratio Lower Upper
92 100
91 172.5 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 61.416 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

Tgt Ion: 95 Resp: 167509
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 67.1 0.0 131.4

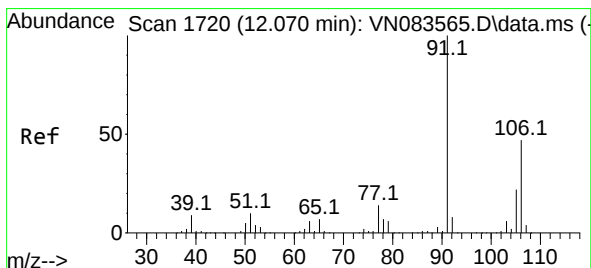
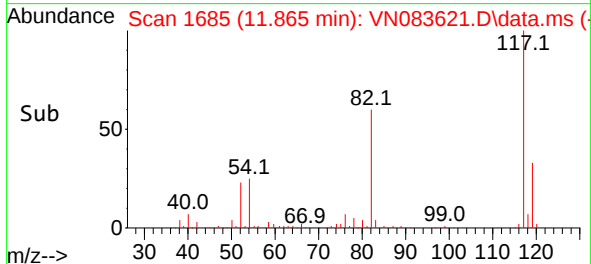
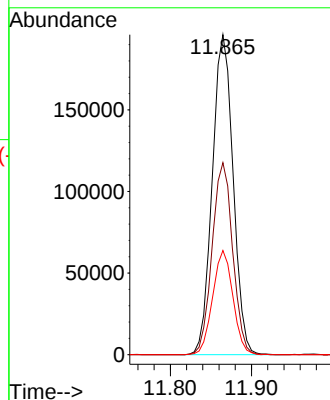
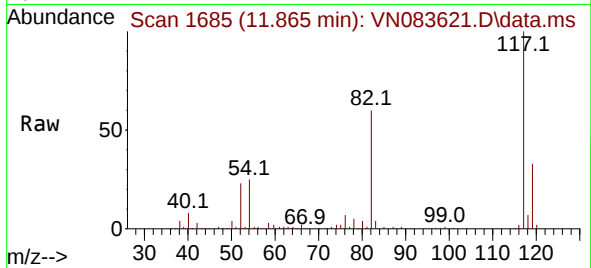




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11719
Delta R.T. 0.000 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

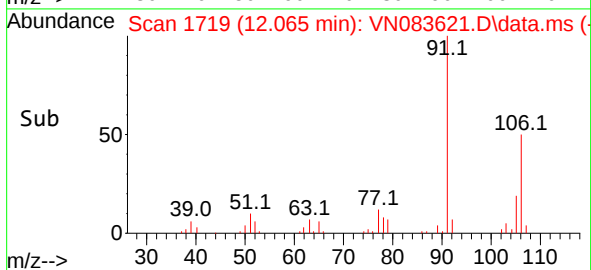
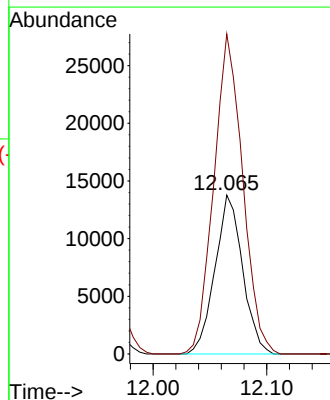
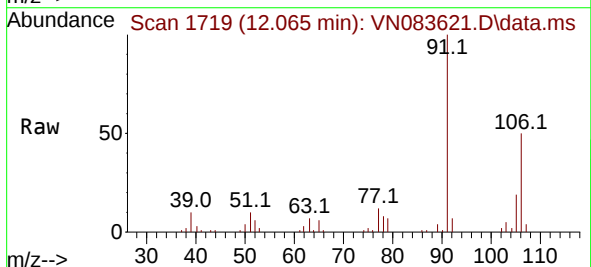
Instrument :
MSVOA_N
ClientSampleId :
SB-3

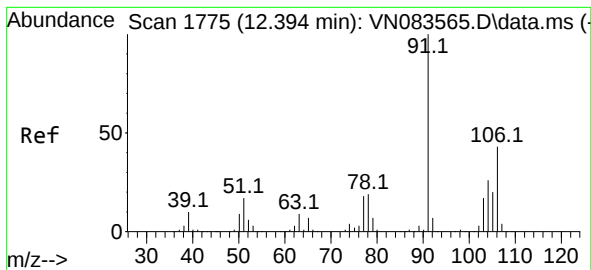
Tgt Ion:117 Resp: 349267
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 32.5 26.3 39.5



#68
m/p-Xylenes
Concen: 4.414 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

Tgt Ion:106 Resp: 23248
Ion Ratio Lower Upper
106 100
91 210.7 169.2 253.8

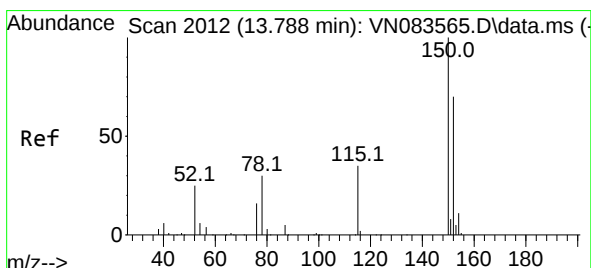
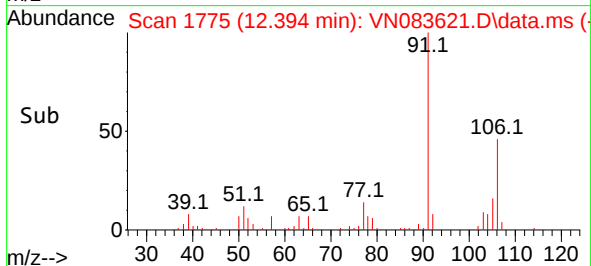
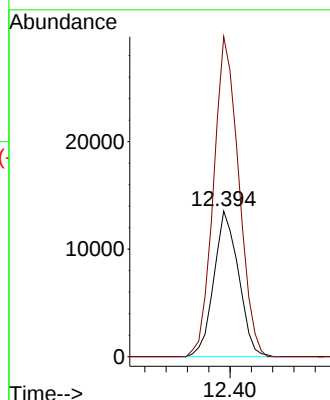
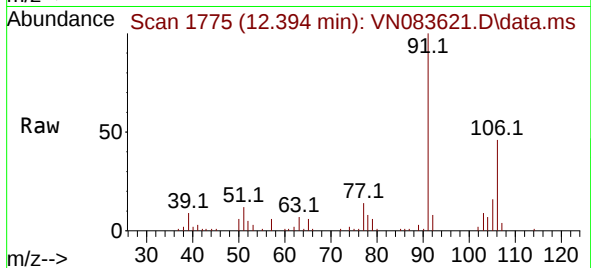




#69
o-Xylene
Concen: 4.277 ug/l
RT: 12.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

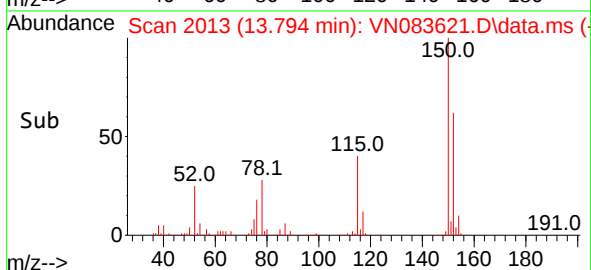
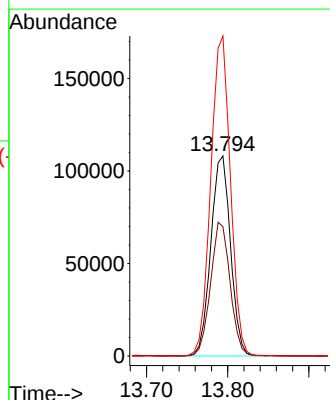
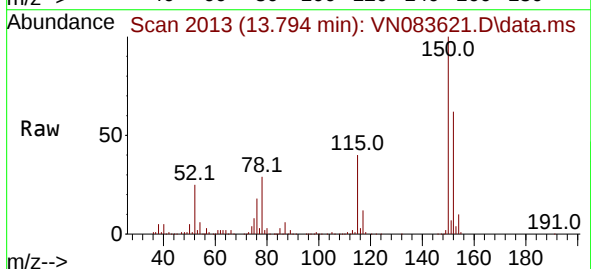
Instrument :
MSVOA_N
ClientSampleId :
SB-3

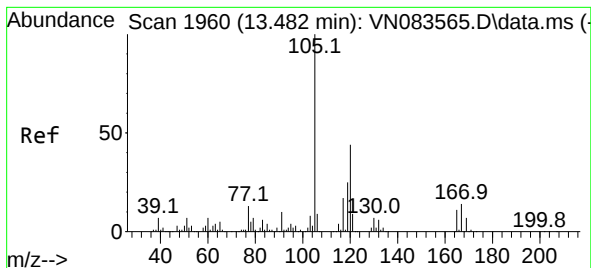
Tgt Ion:106 Resp: 21775
Ion Ratio Lower Upper
106 100
91 224.7 112.9 338.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083621.D
Acq: 03 Sep 2024 13:33

Tgt Ion:152 Resp: 182039
Ion Ratio Lower Upper
152 100
115 66.5 32.2 96.6
150 159.6 0.0 348.6





#84

1,2,4-Trimethylbenzene

Concen: 2.788 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083621.D

Acq: 03 Sep 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

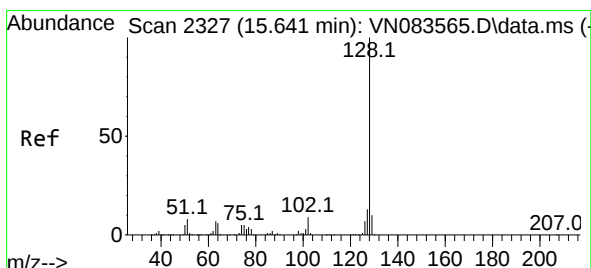
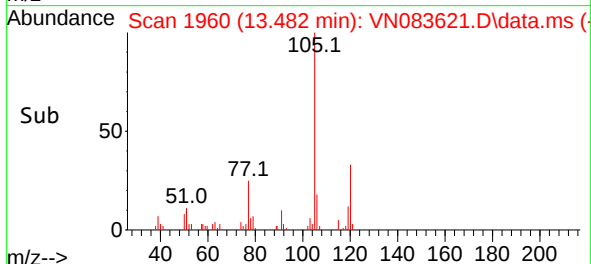
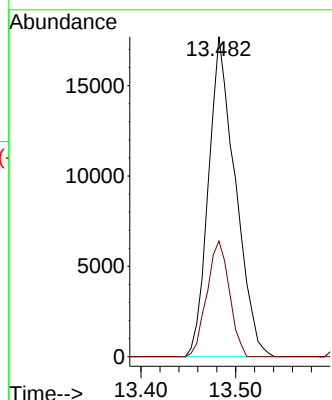
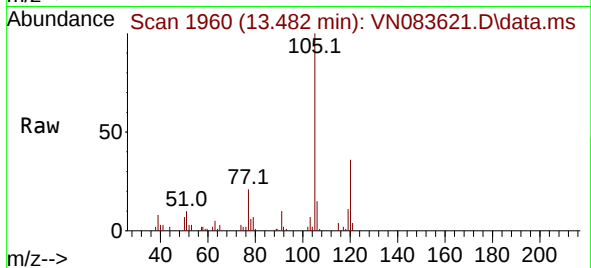
SB-3

Tgt Ion:105 Resp: 34830

Ion Ratio Lower Upper

105 100

120 30.2 21.8 65.4



#95

Naphthalene

Concen: 100.124 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083621.D

Acq: 03 Sep 2024 13:33

Tgt Ion:128 Resp: 1178796

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.7 8.7 13.1

