

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083828.D
 Acq On : 12 Sep 2024 13:53
 Operator : JC\MD
 Sample : P3913-06RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 9424-D-FRE

Quant Time: Sep 12 17:34:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

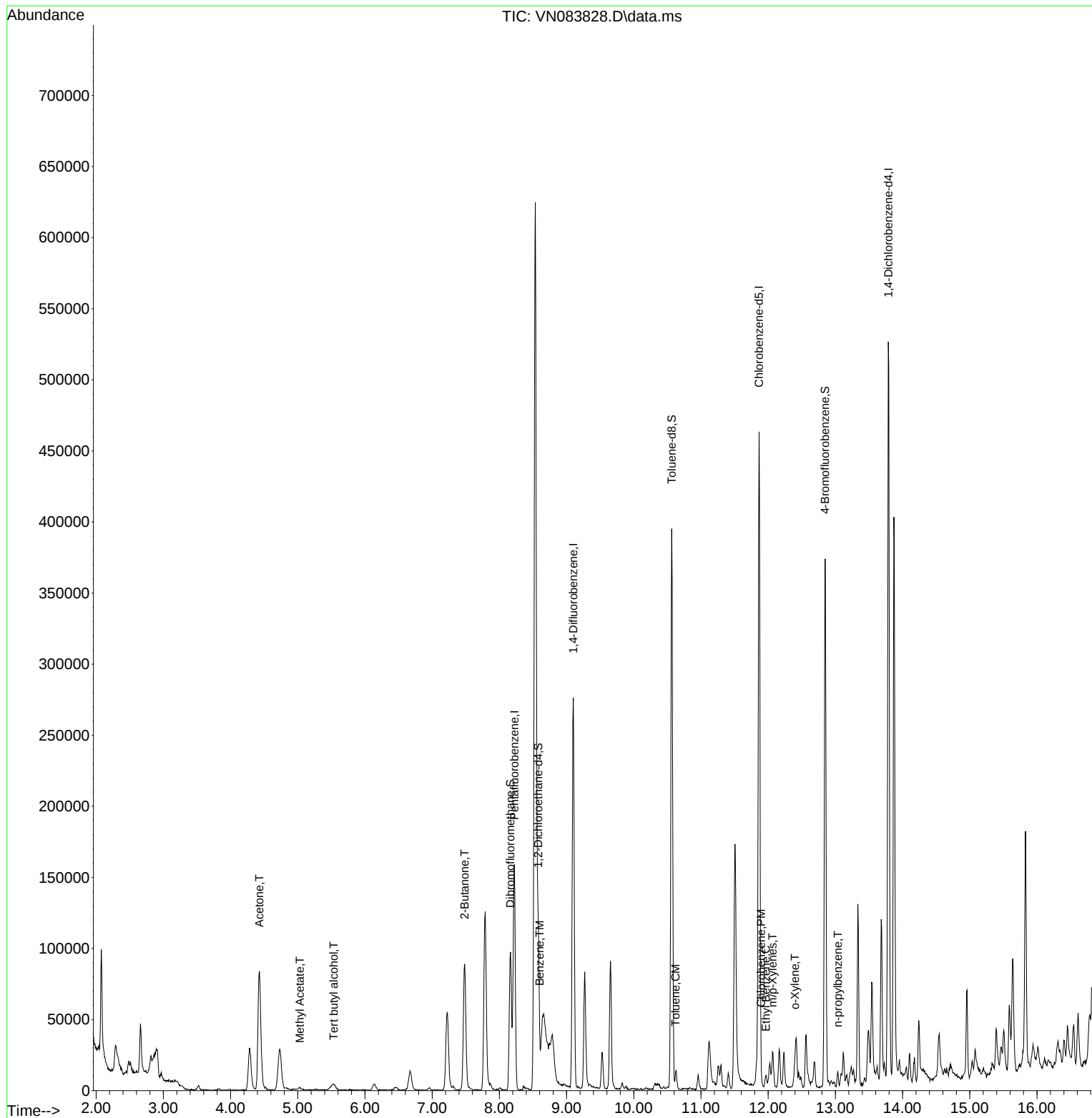
Internal Standards						
1) Pentafluorobenzene	8.224	168	108105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	228887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	89260	54.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.520%			
35) Dibromofluoromethane	8.165	113	69015	47.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.200%			
50) Toluene-d8	10.565	98	254698	50.280	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.560%			
62) 4-Bromofluorobenzene	12.847	95	127236	60.880	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 121.760%#			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	9574	43.861	ug/l #	77
16) Acetone	4.430	43	162011	247.929	ug/l	97
18) Methyl Acetate	5.030	43	4018	1.138	ug/l #	60
25) 2-Butanone	7.482	43	148690	173.124	ug/l	99
40) Benzene	8.600	78	2877	0.433	ug/l #	73
52) Toluene	10.623	92	5782	1.424	ug/l	96
65) Chlorobenzene	11.894	112	1539	0.277	ug/l	98
67) Ethyl Benzene	11.965	91	7038	0.713	ug/l	90
68) m/p-Xylenes	12.065	106	7632	2.083	ug/l	100
69) o-Xylene	12.400	106	3632	1.024	ug/l	95
78) n-propylbenzene	13.035	91	6842	0.586	ug/l	82

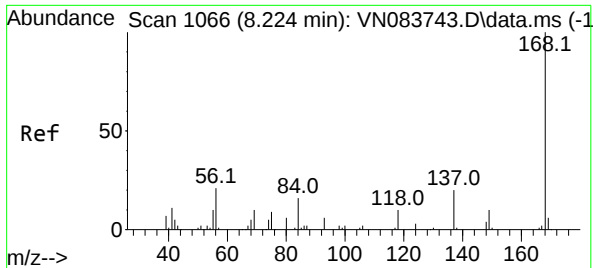
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
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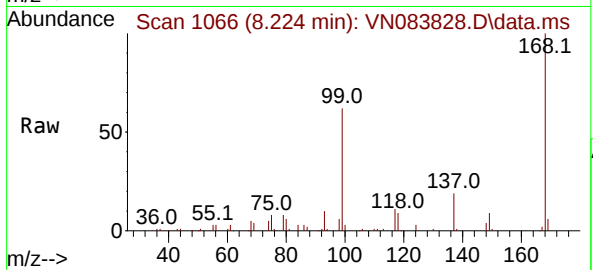
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



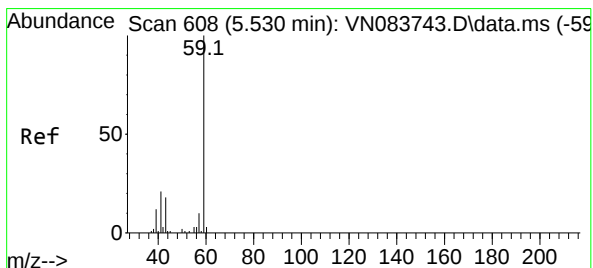
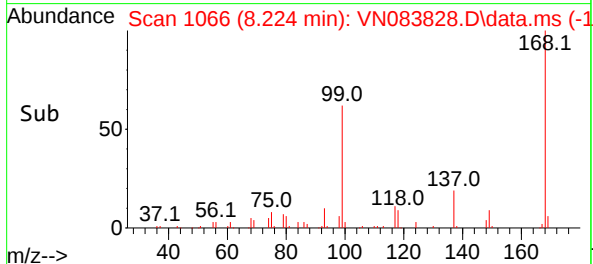
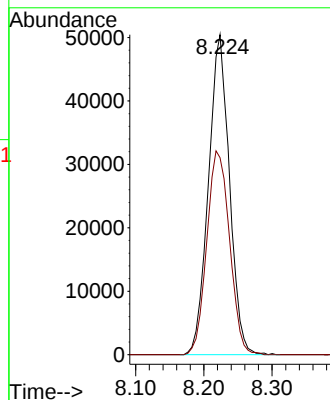


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

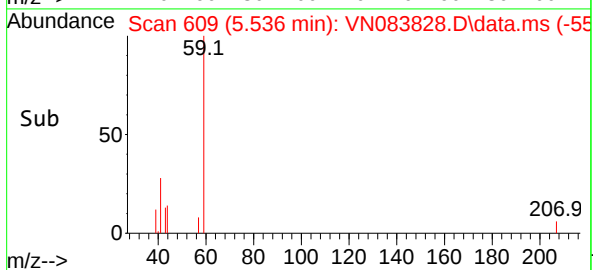
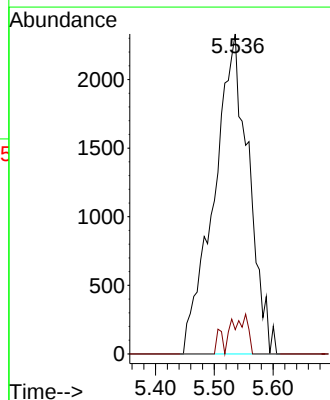
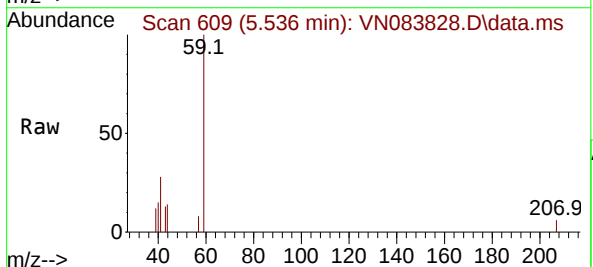


Tgt Ion:168 Resp: 108105
Ion Ratio Lower Upper
168 100
99 61.6 54.2 81.2



#11
Tert butyl alcohol
Concen: 43.861 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 59 Resp: 9574
Ion Ratio Lower Upper
59 100
57 2.2 8.7 13.1#

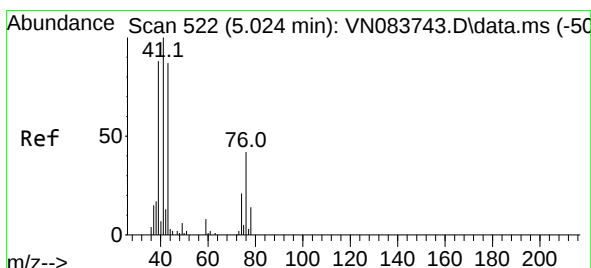
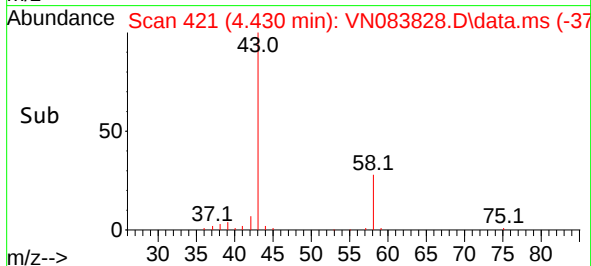
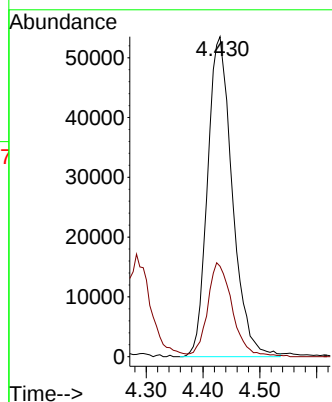
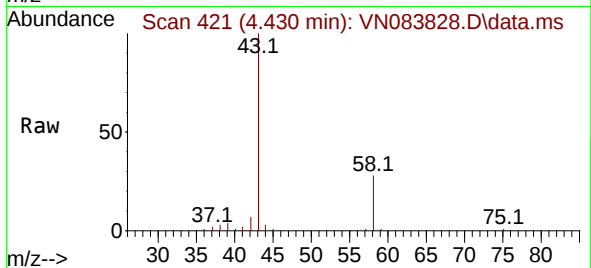




#16
Acetone
Concen: 247.929 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

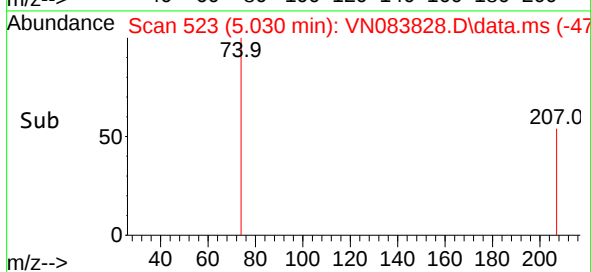
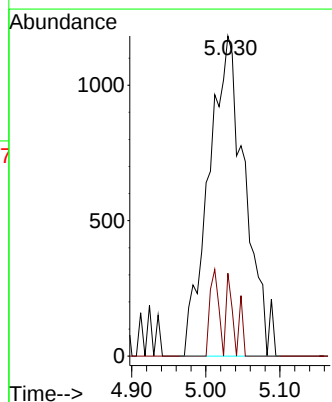
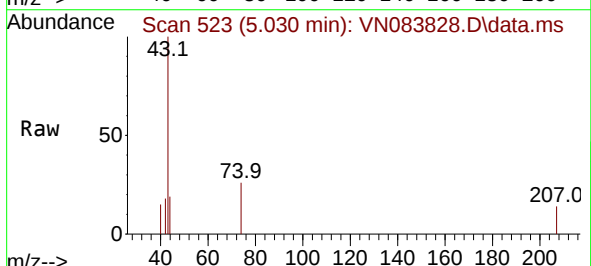
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

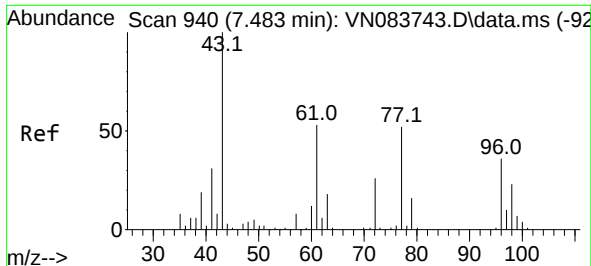
Tgt Ion: 43 Resp: 162011
Ion Ratio Lower Upper
43 100
58 27.9 23.7 35.5



#18
Methyl Acetate
Concen: 1.138 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 43 Resp: 4018
Ion Ratio Lower Upper
43 100
74 4.2 19.0 28.4#

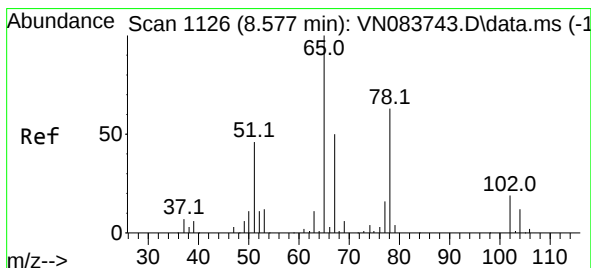
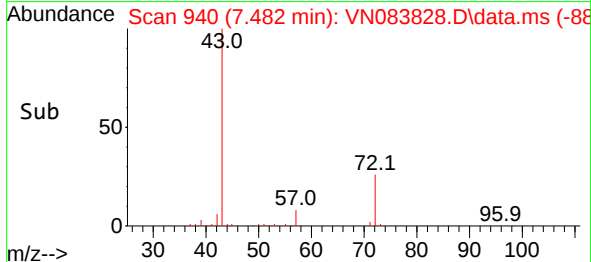
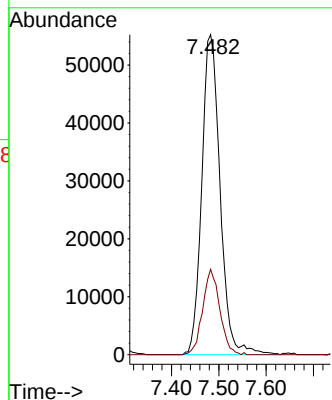
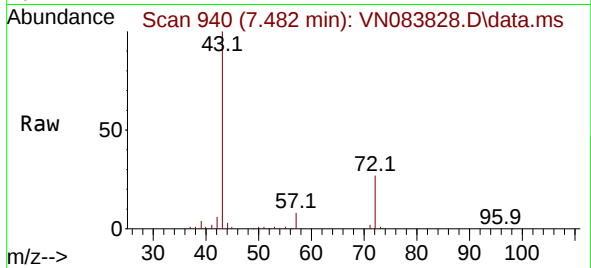




#25
2-Butanone
Concen: 173.124 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

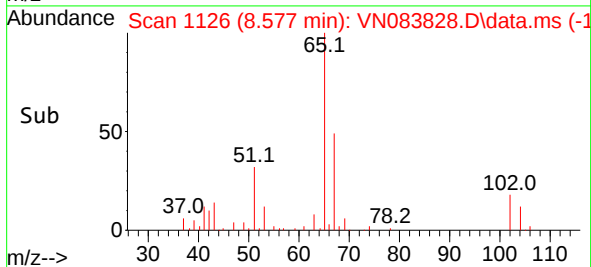
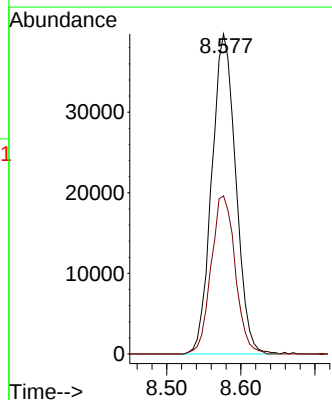
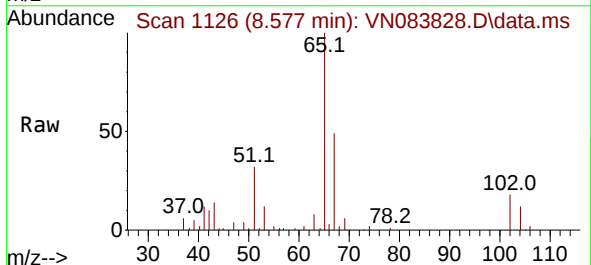
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

Tgt Ion: 43 Resp: 148690
Ion Ratio Lower Upper
43 100
72 26.7 20.8 31.2



#33
1,2-Dichloroethane-d4
Concen: 54.758 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 65 Resp: 89260
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083828.D

Acq: 12 Sep 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

9424-D-FRE

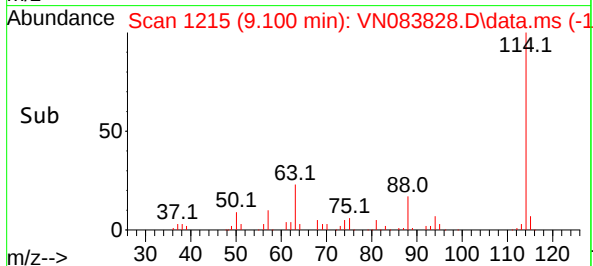
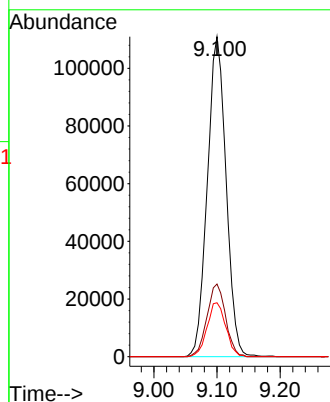
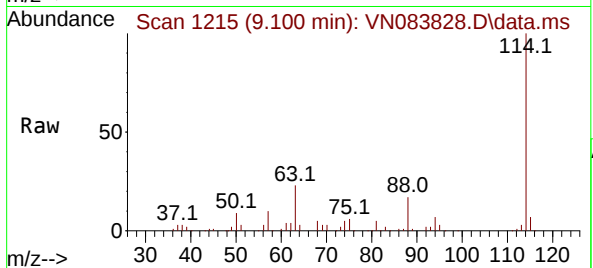
Tgt Ion:114 Resp: 228887

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.099 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083828.D

Acq: 12 Sep 2024 13:53

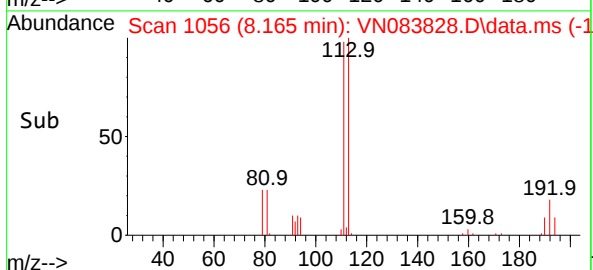
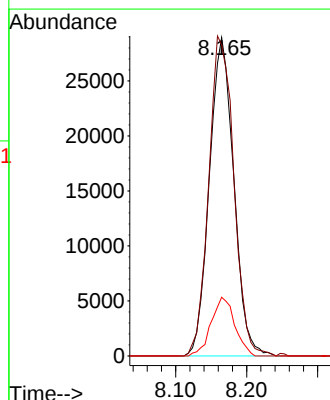
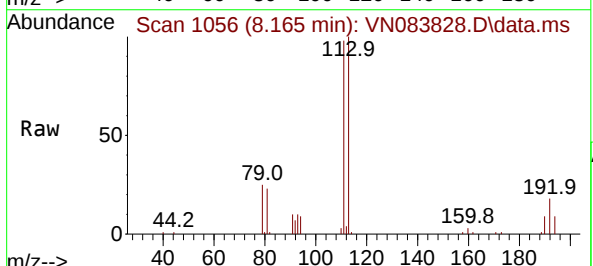
Tgt Ion:113 Resp: 69015

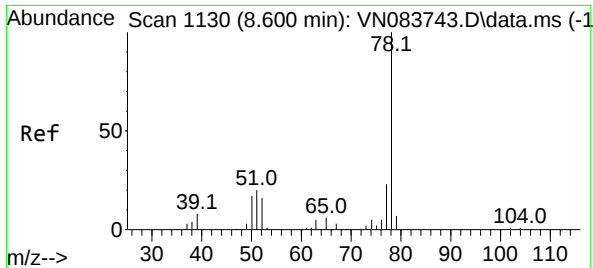
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 17.9 14.3 21.5

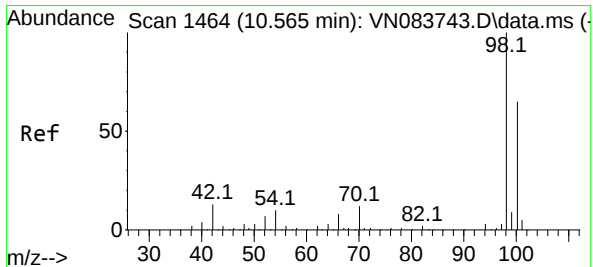
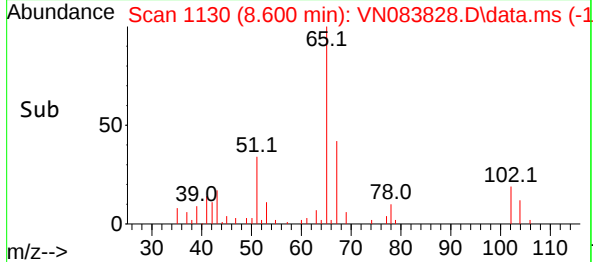
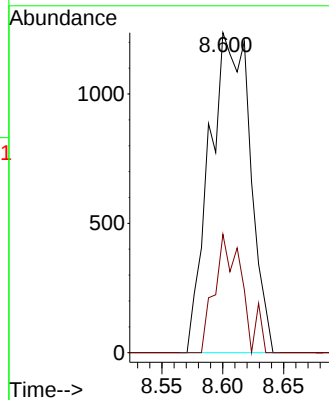
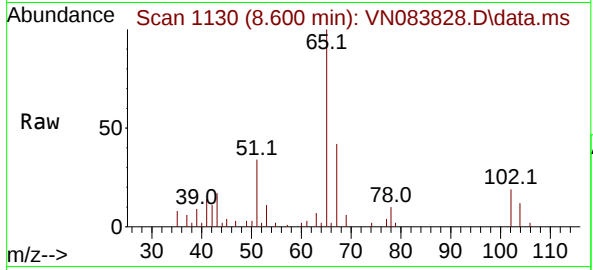




#40
Benzene
Concen: 0.433 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

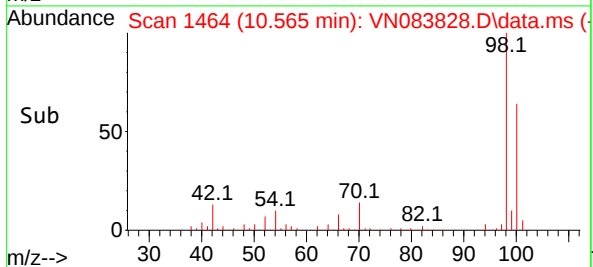
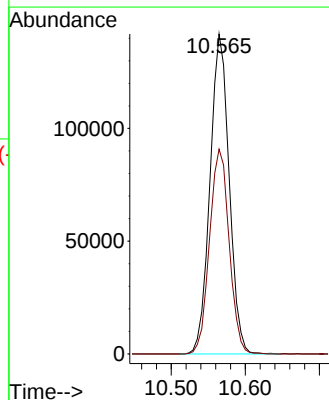
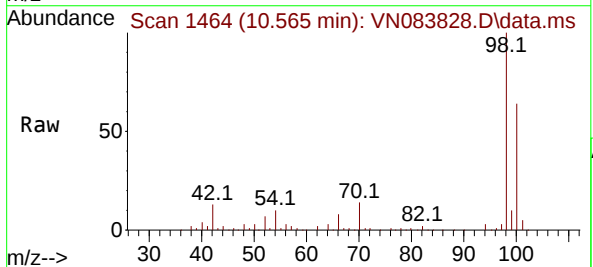
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

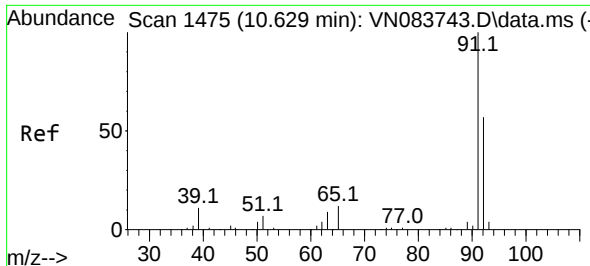
Tgt Ion: 78 Resp: 2877
Ion Ratio Lower Upper
78 100
77 37.0 19.0 28.6#



#50
Toluene-d8
Concen: 50.280 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 98 Resp: 254698
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

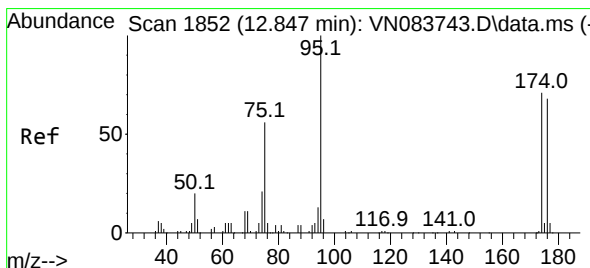
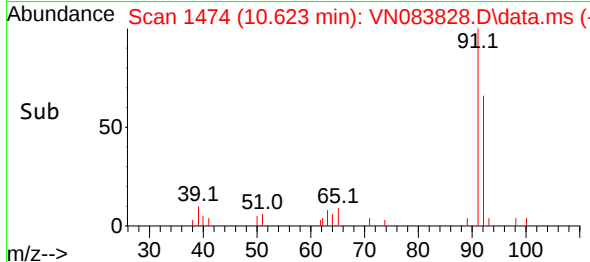
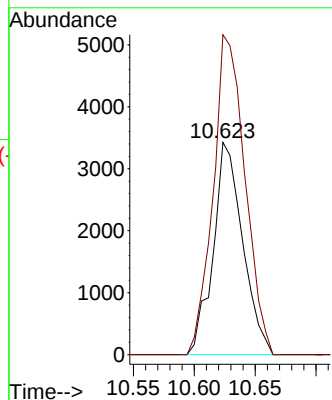
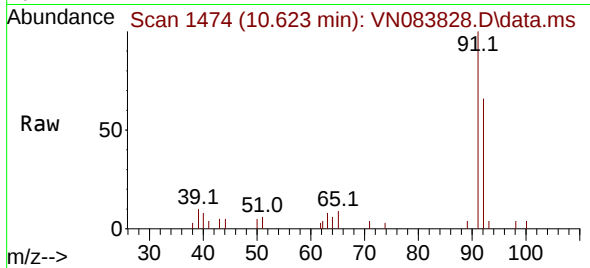




#52
Toluene
Concen: 1.424 ug/l
RT: 10.623 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

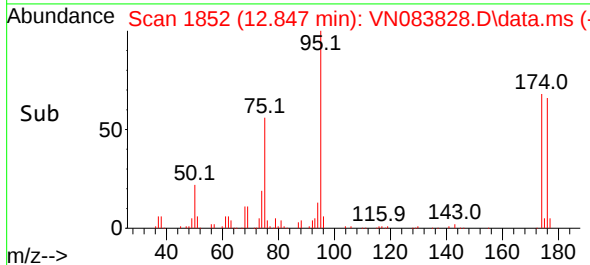
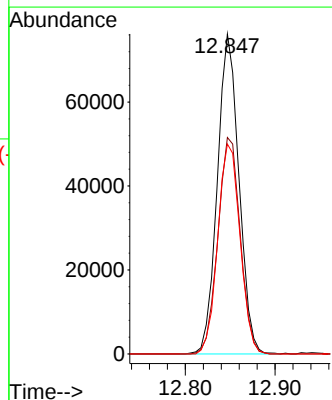
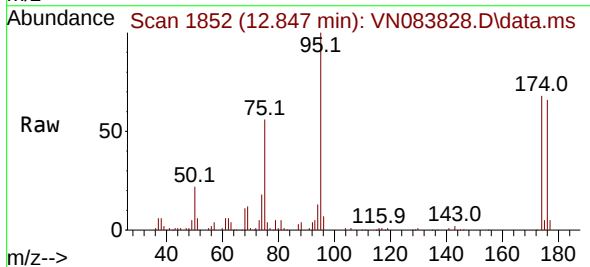
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MSVOA_N
ClientSampleId :
9424-D-FRE

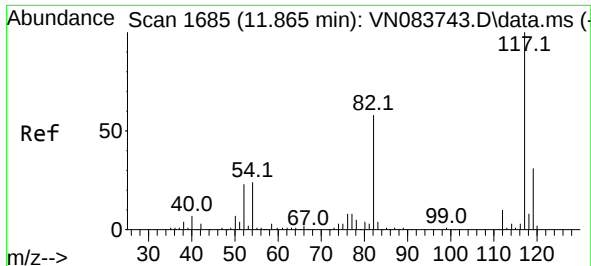
Tgt Ion: 92 Resp: 5782
Ion Ratio Lower Upper
92 100
91 162.8 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 60.880 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 95 Resp: 127236
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 67.7 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083828.D

Acq: 12 Sep 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

9424-D-FRE

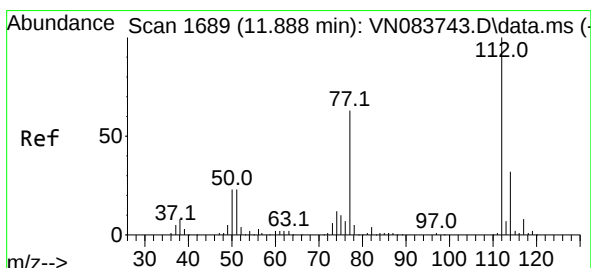
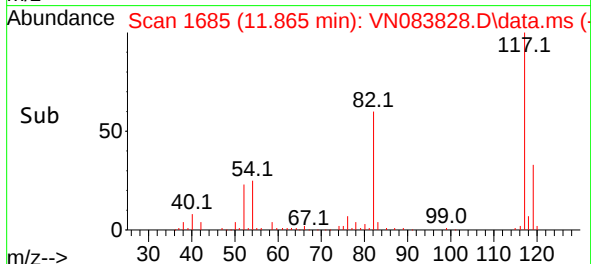
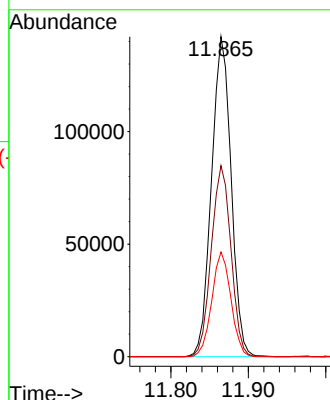
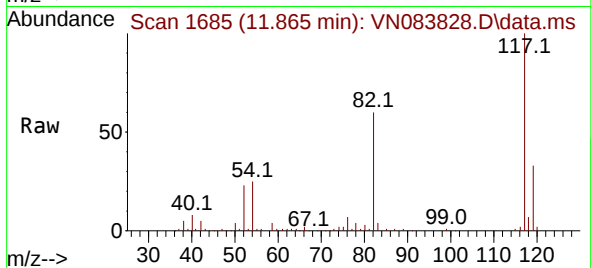
Tgt Ion:117 Resp: 249971

Ion Ratio Lower Upper

117 100

82 59.7 47.4 71.0

119 32.7 26.3 39.5



#65

Chlorobenzene

Concen: 0.277 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.006 min

Lab File: VN083828.D

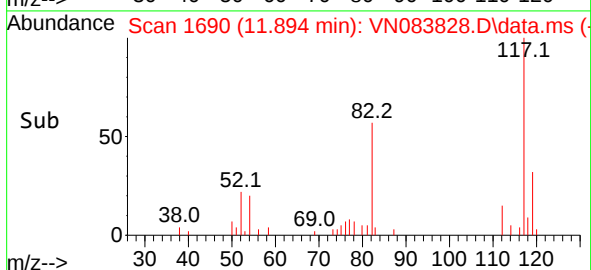
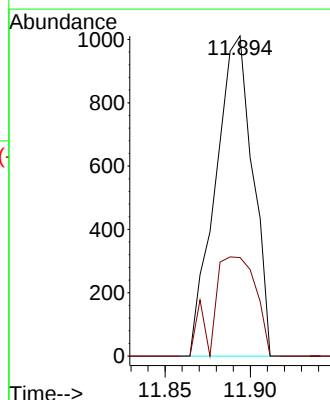
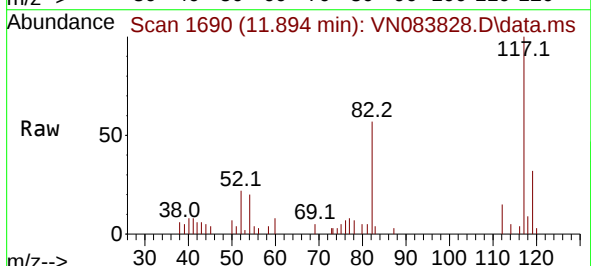
Acq: 12 Sep 2024 13:53

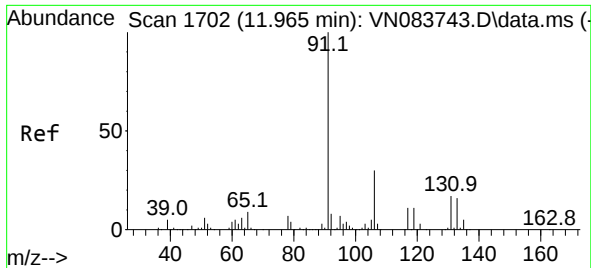
Tgt Ion:112 Resp: 1539

Ion Ratio Lower Upper

112 100

114 30.8 25.7 38.5

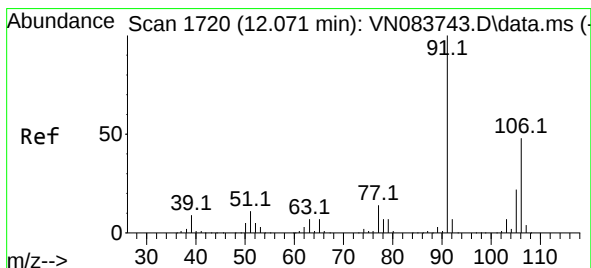
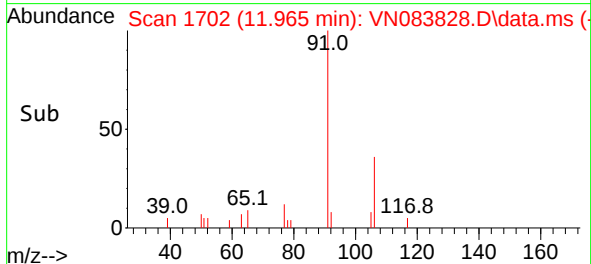
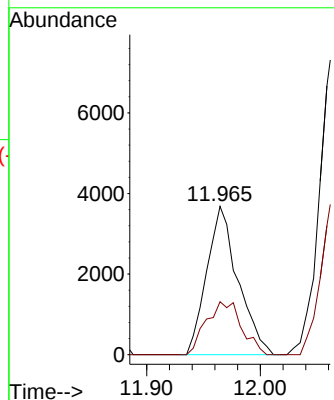
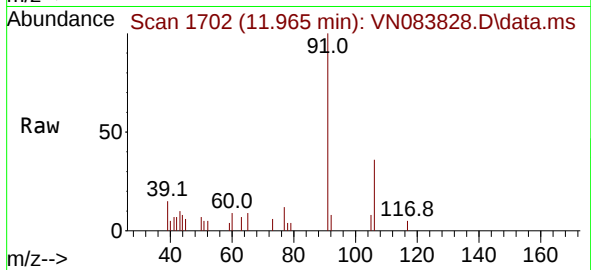




#67
Ethyl Benzene
Concen: 0.713 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

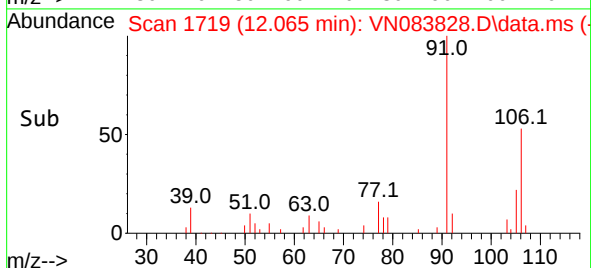
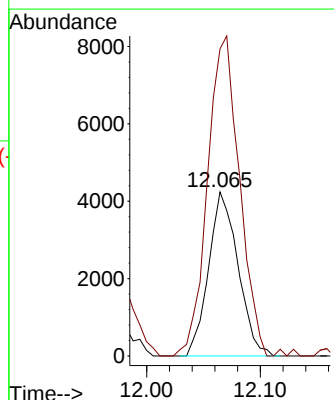
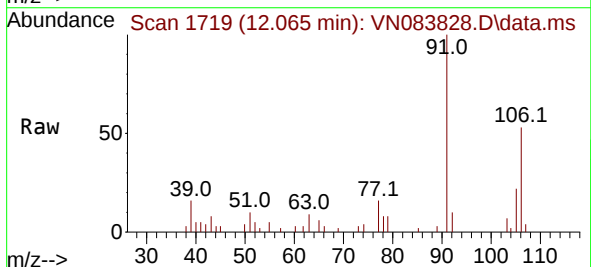
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

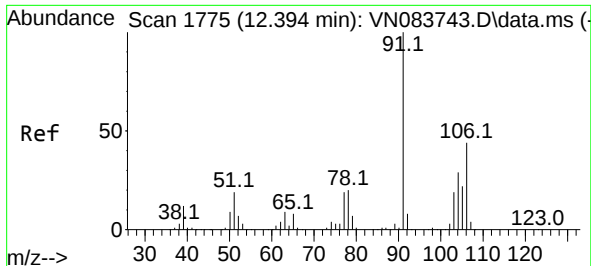
Tgt Ion: 91 Resp: 7038
Ion Ratio Lower Upper
91 100
106 35.7 24.3 36.5



#68
m/p-Xylenes
Concen: 2.083 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 106 Resp: 7632
Ion Ratio Lower Upper
106 100
91 211.4 169.2 253.8

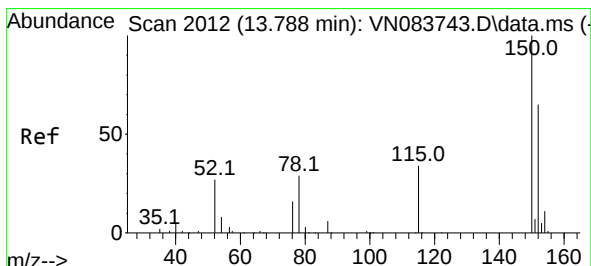
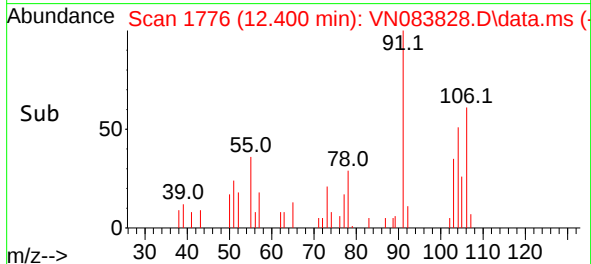
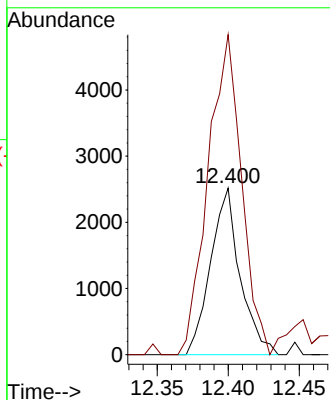
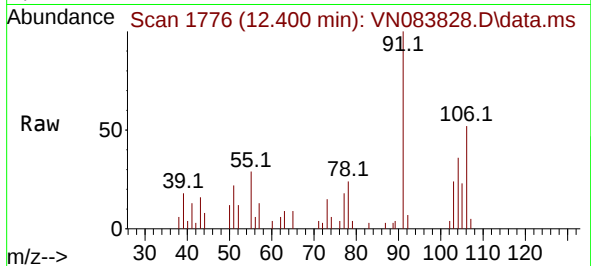




#69
o-Xylene
Concen: 1.024 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

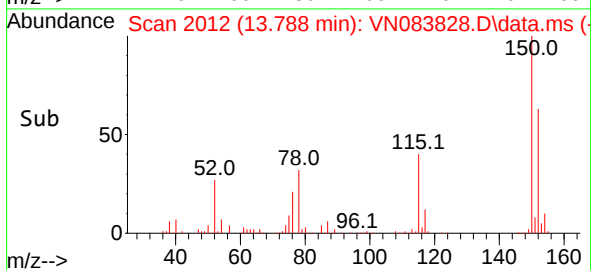
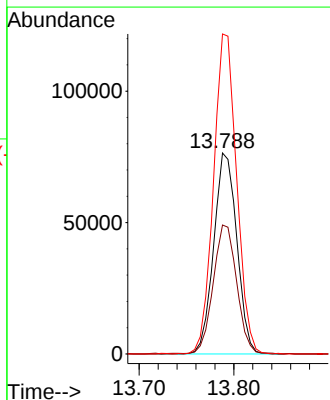
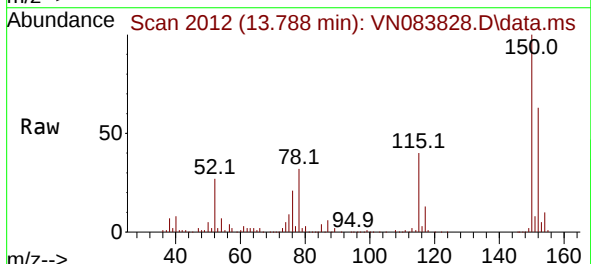
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

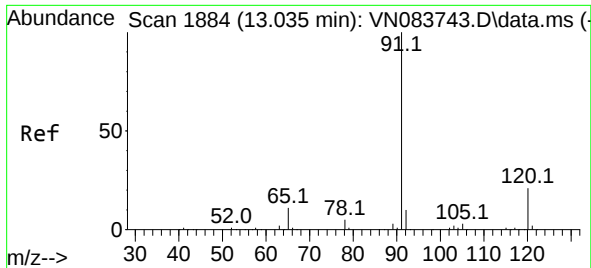
Tgt Ion:106 Resp: 3632
Ion Ratio Lower Upper
106 100
91 218.1 112.9 338.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion:152 Resp: 129810
Ion Ratio Lower Upper
152 100
115 65.3 32.2 96.6
150 159.2 0.0 348.6





#78
 n-propylbenzene
 Concen: 0.586 ug/l
 RT: 13.035 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN083828.D
 Acq: 12 Sep 2024 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 9424-D-FRE

Tgt Ion: 91 Resp: 6842
 Ion Ratio Lower Upper
 91 100
 120 13.6 11.0 33.0

