

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083814.D
 Acq On : 11 Sep 2024 22:45
 Operator : JC\MD
 Sample : P3913-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 9424-D-F

Quant Time: Sep 12 02:17:40 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)

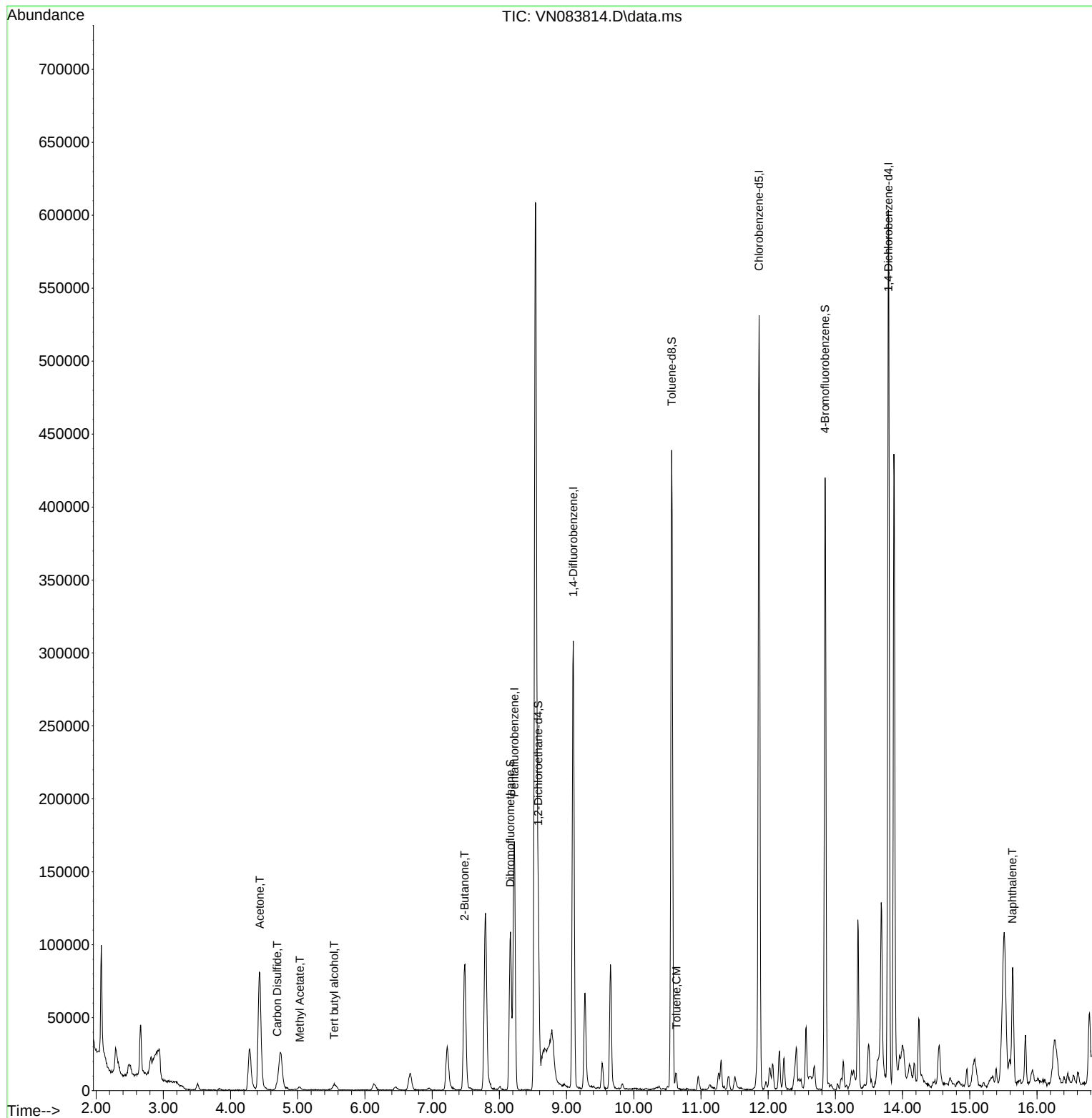
Internal Standards						
1) Pentafluorobenzene	8.224	168	116523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	252165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	95645	54.436	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.880%	
35) Dibromofluoromethane	8.165	113	75713	46.901	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.800%	
50) Toluene-d8	10.565	98	284253	50.934	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	12.847	95	141878	61.619	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 123.240%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.541	59	7473	31.762	ug/l #	87
16) Acetone	4.436	43	154345	219.134	ug/l	98
17) Carbon Disulfide	4.694	76	10289	2.918	ug/l #	91
18) Methyl Acetate	5.030	43	4682	1.386	ug/l #	78
25) 2-Butanone	7.482	43	144741	156.351	ug/l	100
52) Toluene	10.635	92	4942	1.105	ug/l	93
95) Naphthalene	15.635	128	67766	8.093	ug/l	97

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

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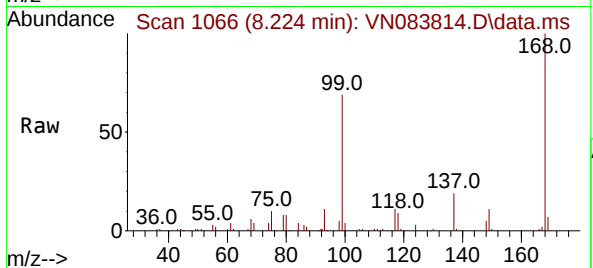
Quant Time: Sep 12 02:17:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



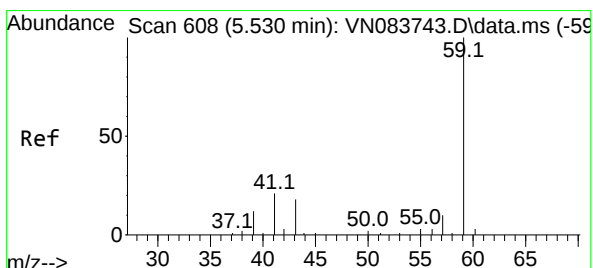
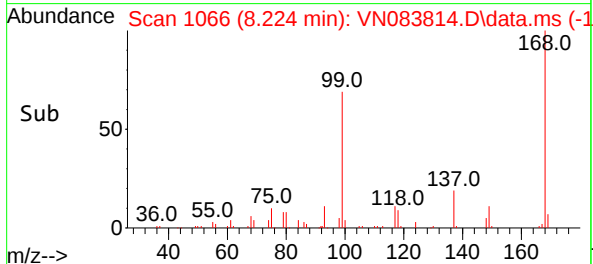
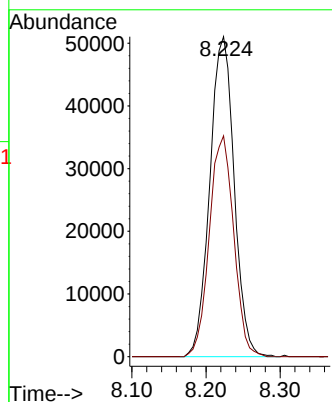


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

Instrument :
MSVOA_N
ClientSampleId :
9424-D-F

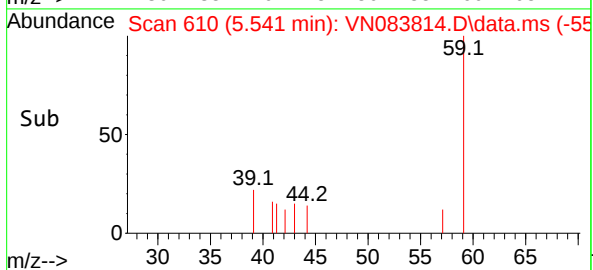
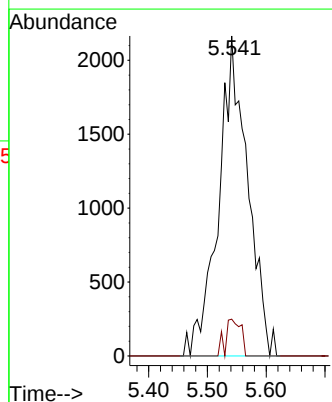
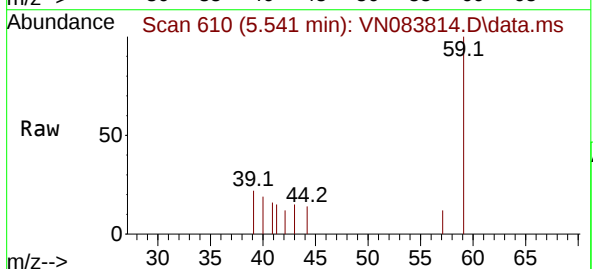


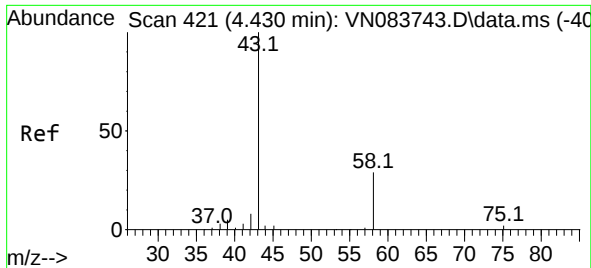
Tgt Ion:168 Resp: 116523
Ion Ratio Lower Upper
168 100
99 69.0 54.2 81.2



#11
Tert butyl alcohol
Concen: 31.762 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

Tgt Ion: 59 Resp: 7473
Ion Ratio Lower Upper
59 100
57 6.1 8.7 13.1#

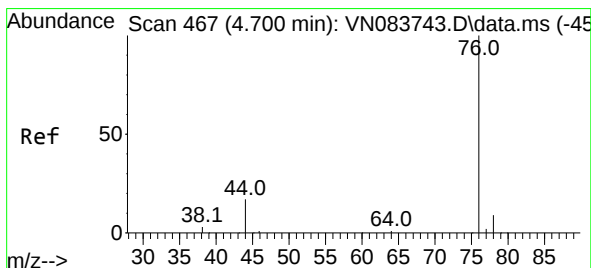
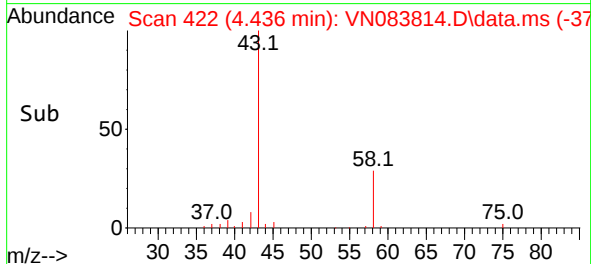
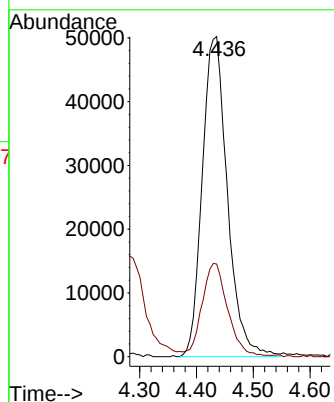
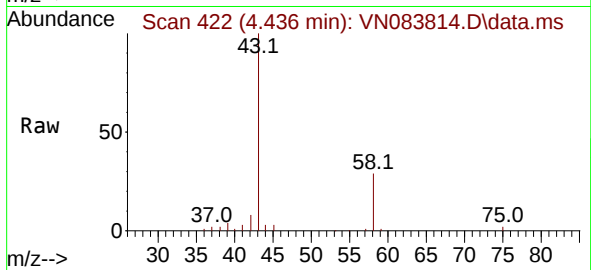




#16
Acetone
Concen: 219.134 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

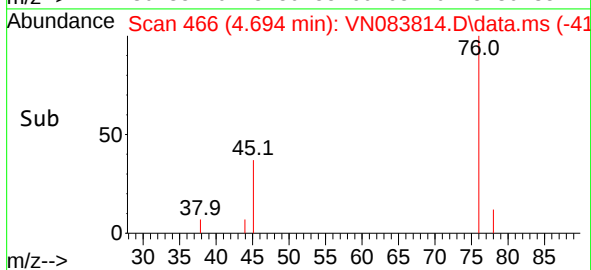
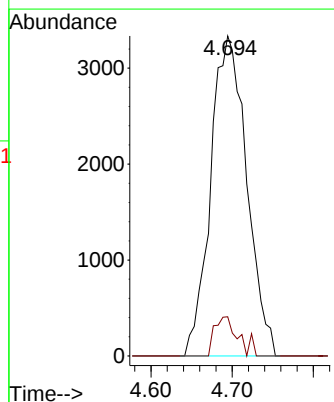
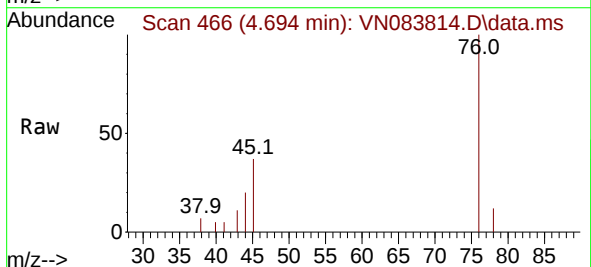
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F

Tgt Ion: 43 Resp: 154345
Ion Ratio Lower Upper
43 100
58 28.4 23.7 35.5



#17
Carbon Disulfide
Concen: 2.918 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

Tgt Ion: 76 Resp: 10289
Ion Ratio Lower Upper
76 100
78 12.2 7.1 10.7#

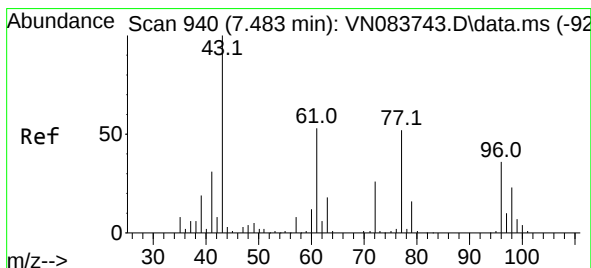
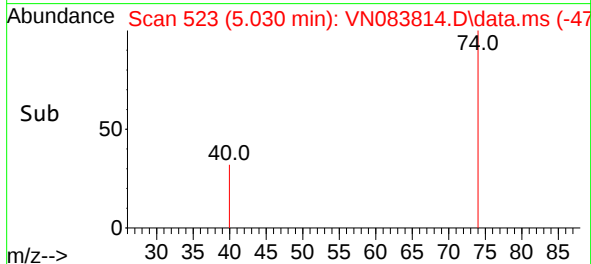
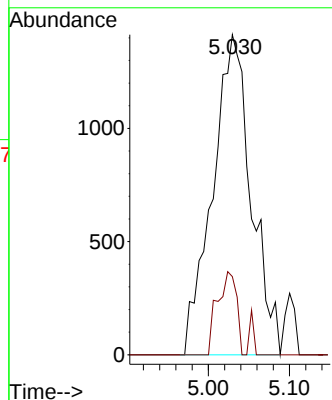
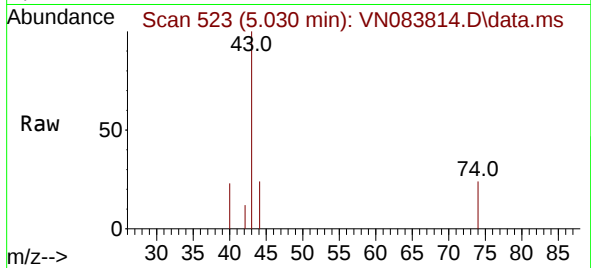




#18
Methyl Acetate
Concen: 1.386 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

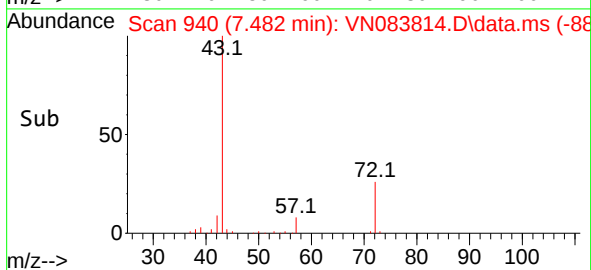
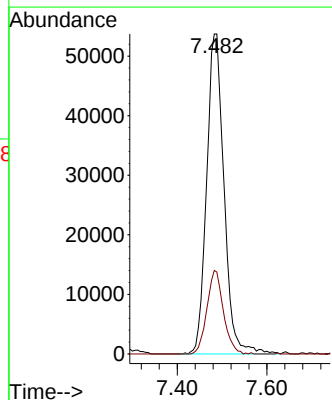
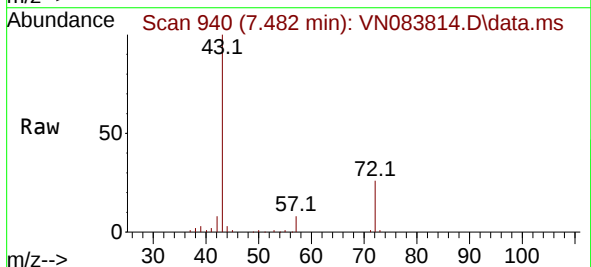
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F

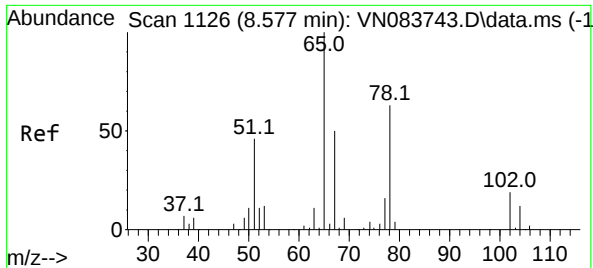
Tgt Ion: 43 Resp: 4682
Ion Ratio Lower Upper
43 100
74 12.8 19.0 28.4#



#25
2-Butanone
Concen: 156.351 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

Tgt Ion: 43 Resp: 144741
Ion Ratio Lower Upper
43 100
72 26.1 20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 54.436 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

Instrument :

MSVOA_N

ClientSampleId :

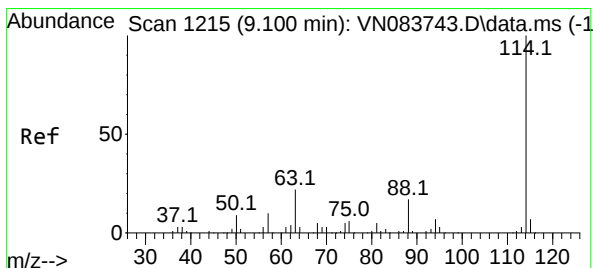
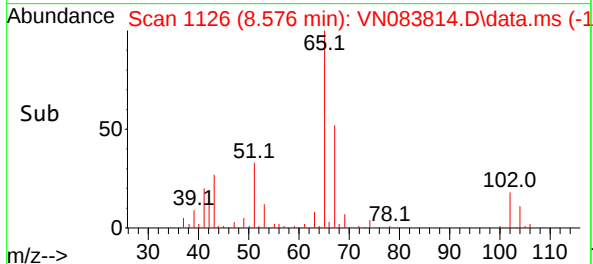
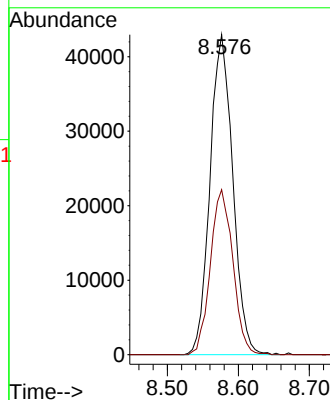
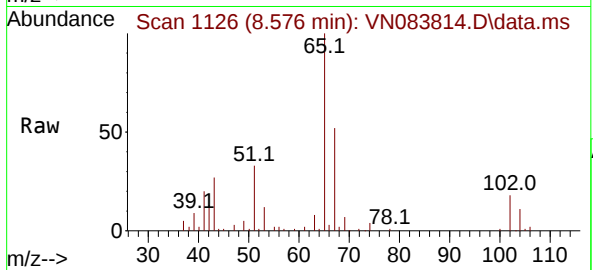
9424-D-F

Tgt Ion: 65 Resp: 95645

Ion Ratio Lower Upper

65 100

67 50.9 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: VN083814.D

Acq: 11 Sep 2024 22:45

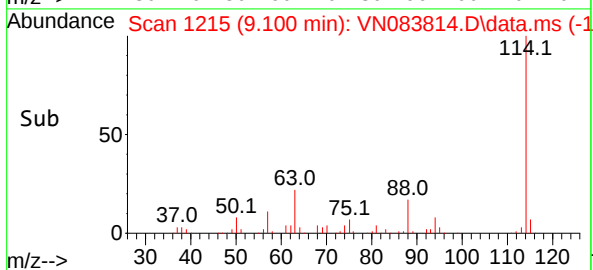
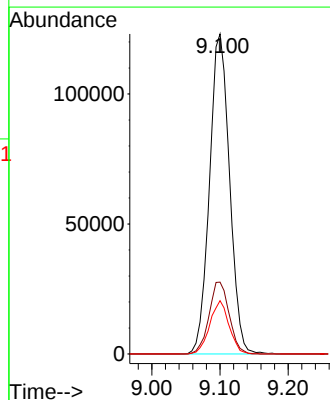
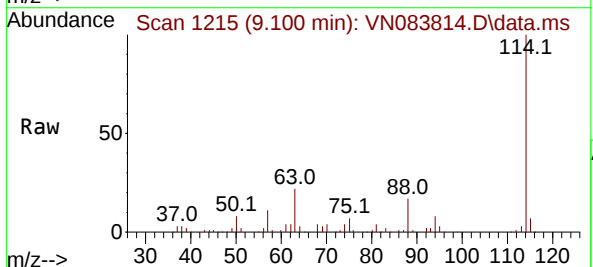
Tgt Ion: 114 Resp: 252165

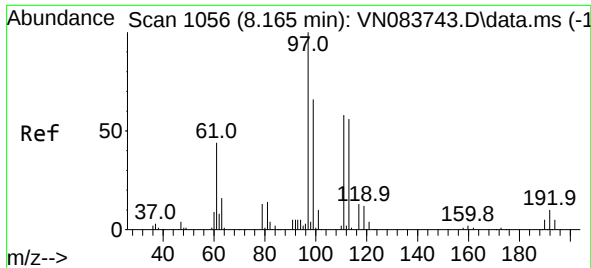
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.7 0.0 32.6

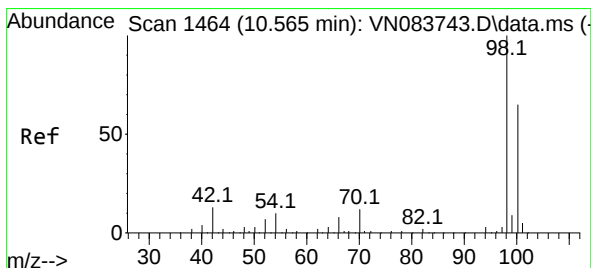
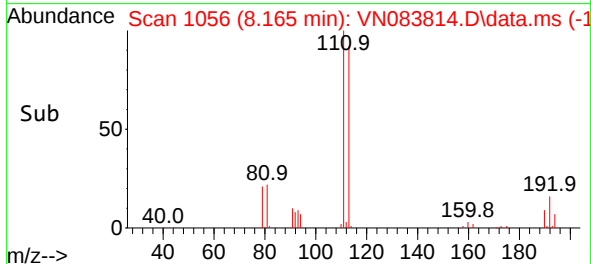
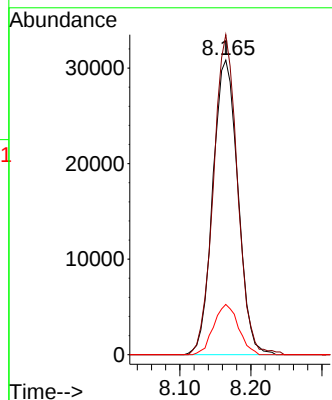
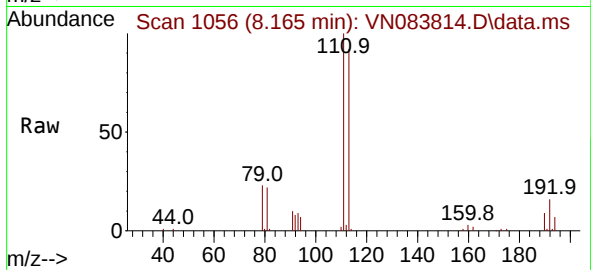




#35
Dibromofluoromethane
Concen: 46.901 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

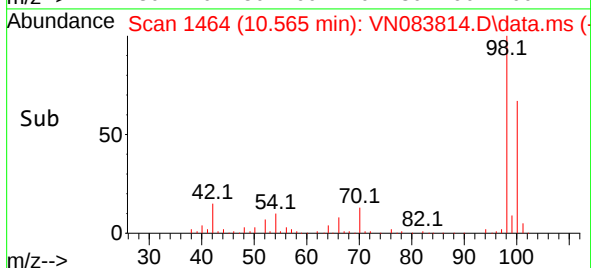
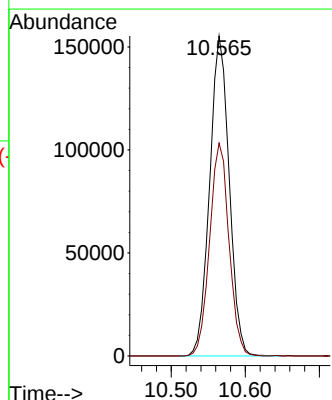
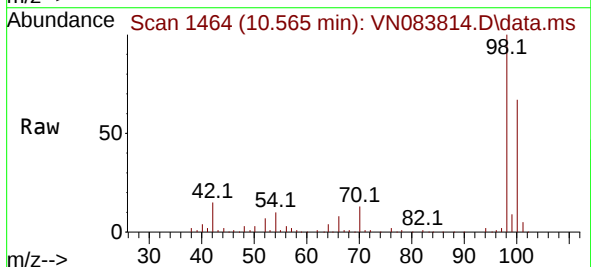
Instrument :
MSVOA_N
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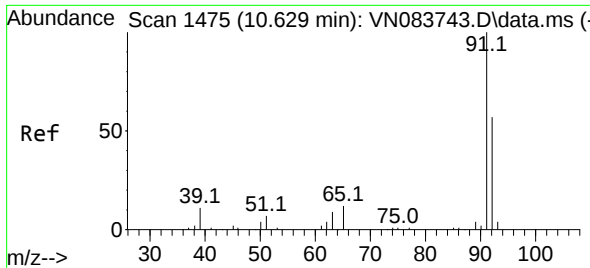
Tgt Ion:113 Resp: 75713
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 16.8 14.3 21.5



#50
Toluene-d8
Concen: 50.934 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

Tgt Ion: 98 Resp: 284253
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

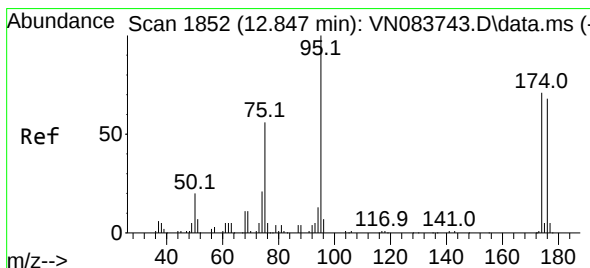
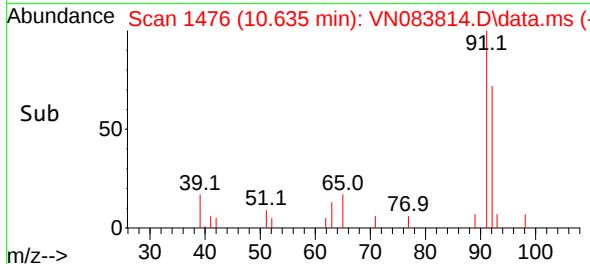
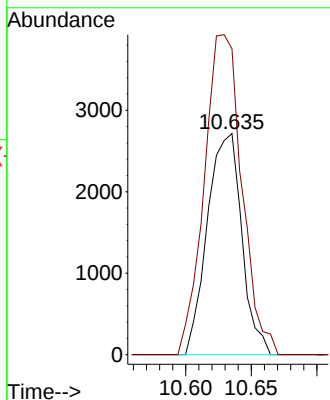
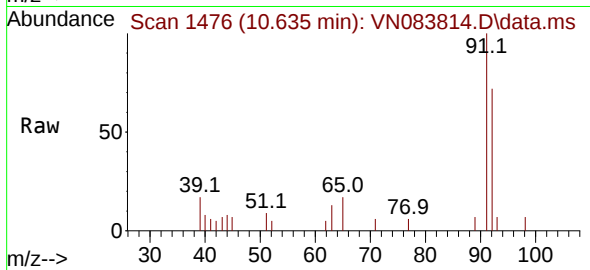




#52
Toluene
Concen: 1.105 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

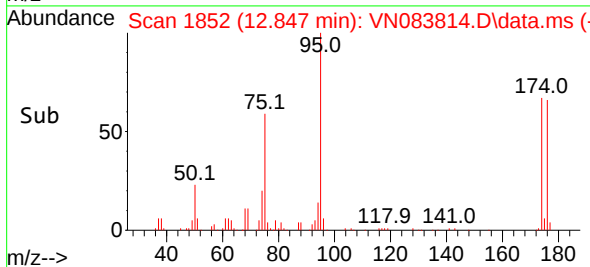
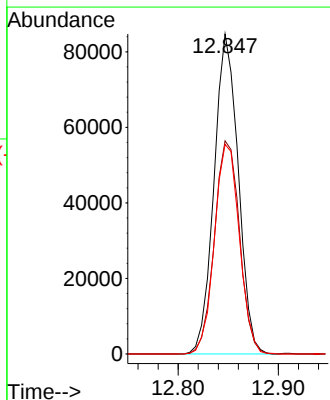
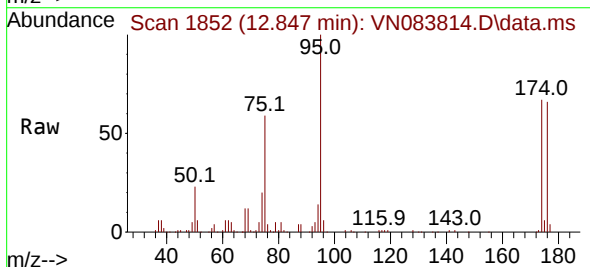
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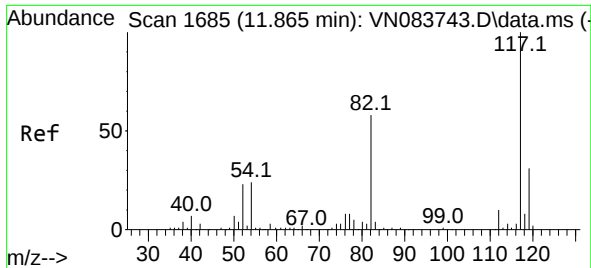
Tgt Ion: 92 Resp: 4942
Ion Ratio Lower Upper
92 100
91 158.8 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 61.619 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

Tgt Ion: 95 Resp: 141878
Ion Ratio Lower Upper
95 100
174 69.1 0.0 139.8
176 67.6 0.0 131.4

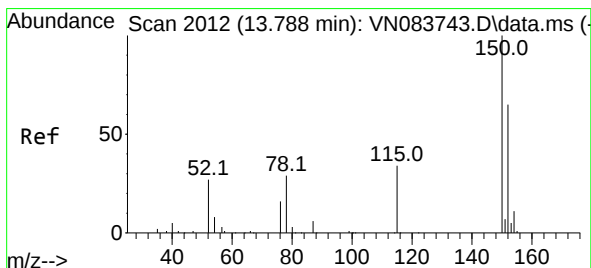
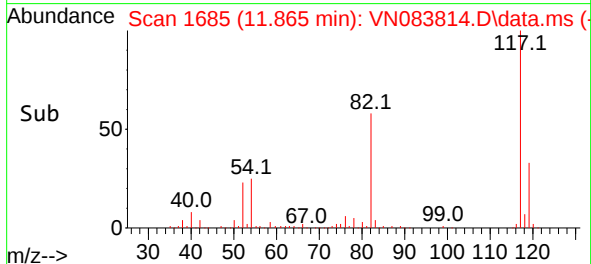
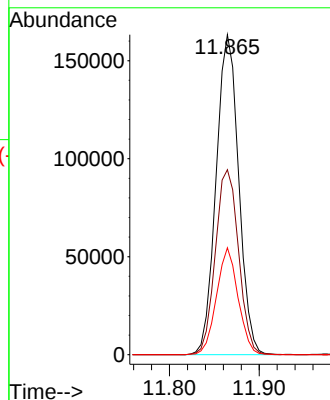
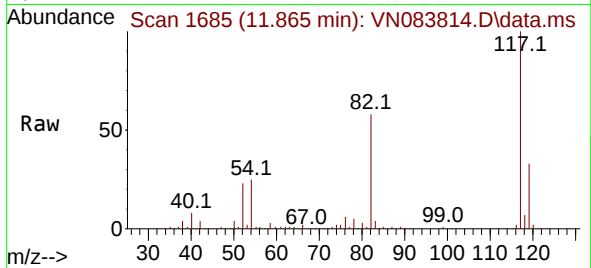




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

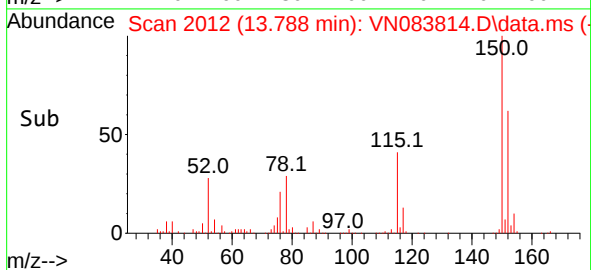
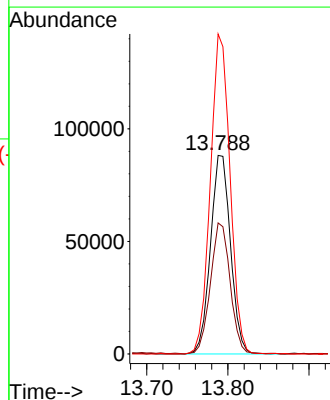
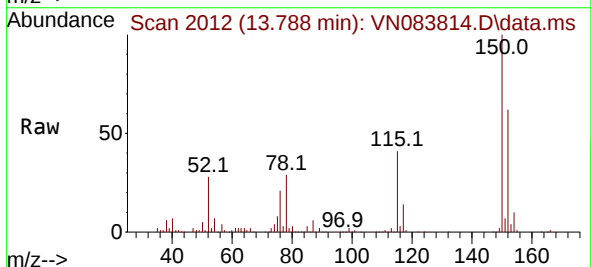
Instrument :
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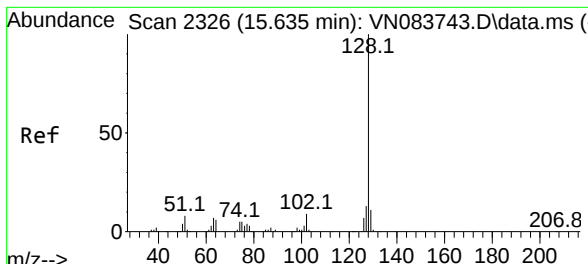
Tgt Ion:117 Resp: 285319
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.0
119 33.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

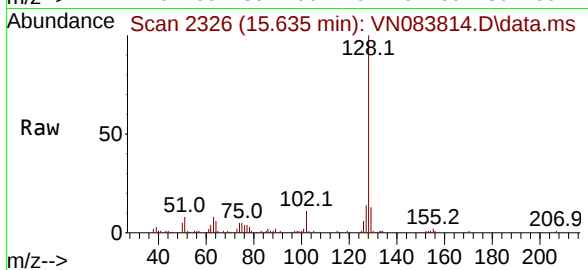
Tgt Ion:152 Resp: 151200
Ion Ratio Lower Upper
152 100
115 64.9 32.2 96.6
150 158.1 0.0 348.6





#95
Naphthalene
Concen: 8.093 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083814.D
Acq: 11 Sep 2024 22:45

Instrument :
MSVOA_N
ClientSampleId :
9424-D-F



Tgt Ion:128 Resp: 67766
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 11.7 8.7 13.1

