

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084002.D
 Acq On : 18 Sep 2024 23:03
 Operator : JC\MD
 Sample : P4097-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FM648

Quant Time: Sep 19 01:44:42 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)

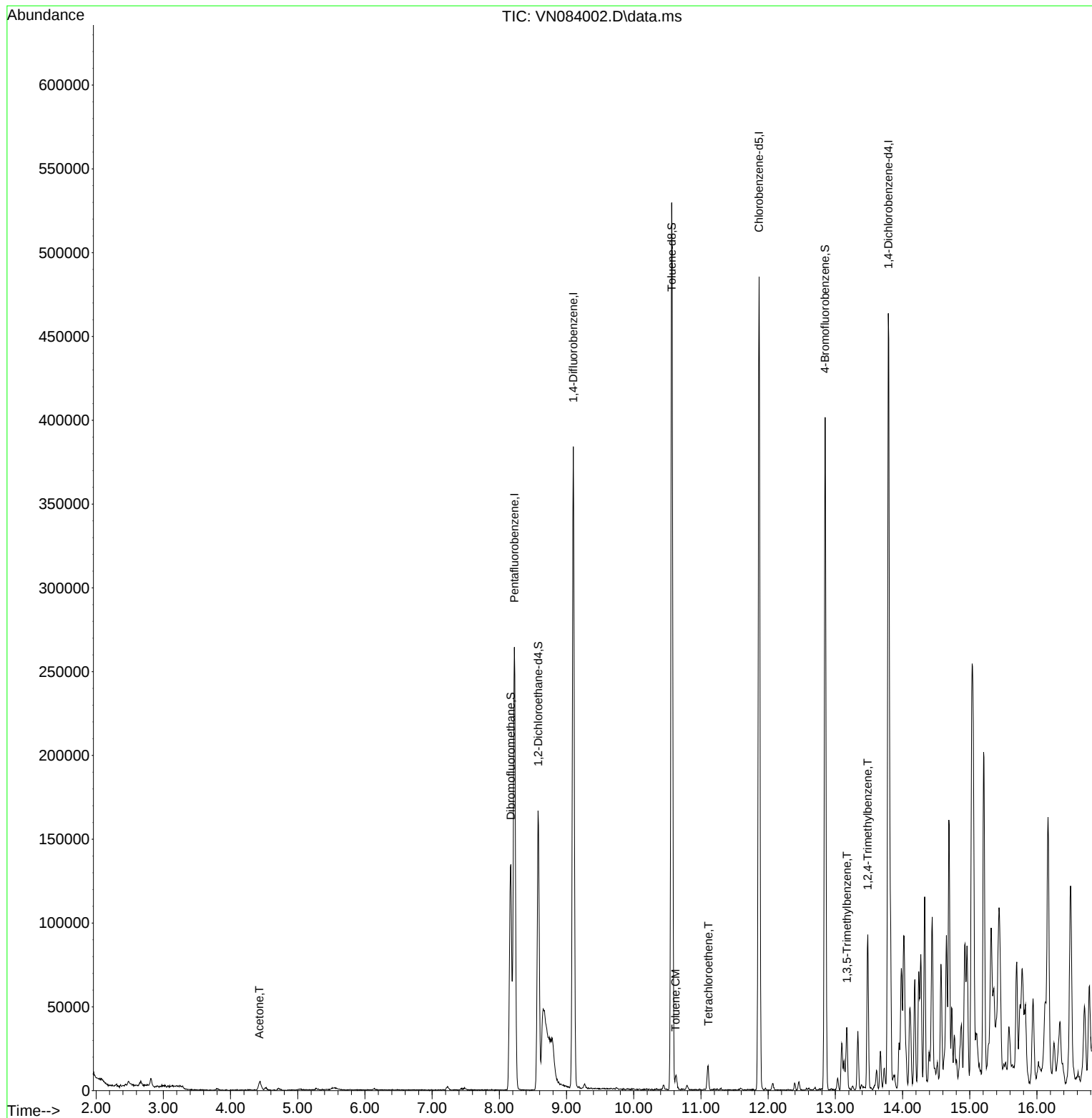
Internal Standards						
1) Pentafluorobenzene	8.224	168	176048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137052	51.629	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.260%
35) Dibromofluoromethane	8.171	113	96963	49.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.560%
50) Toluene-d8	10.565	98	359200	53.345	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.680%
62) 4-Bromofluorobenzene	12.847	95	134114	48.275	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.560%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	10080	9.472	ug/l #	89
52) Toluene	10.624	92	3482	0.645	ug/l	82
64) Tetrachloroethene	11.112	164	3241	1.905	ug/l #	66
80) 1,3,5-Trimethylbenzene	13.171	105	18389	2.493	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	51001	6.884	ug/l	99

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

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Quant Time: Sep 19 01:44:42 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

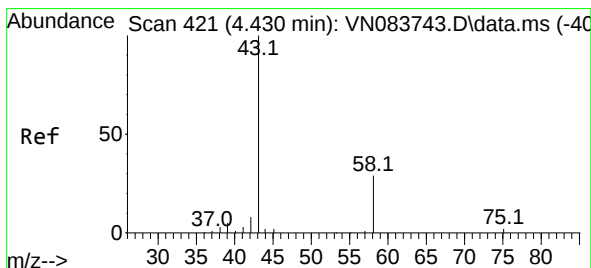
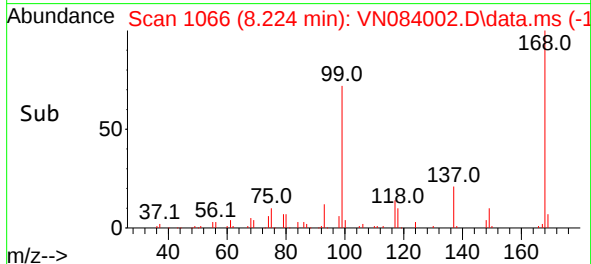
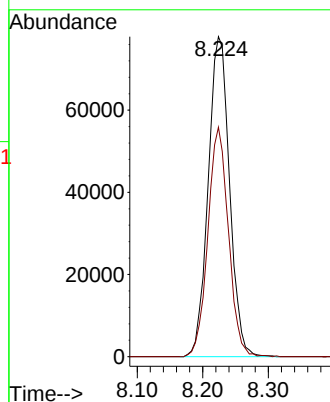
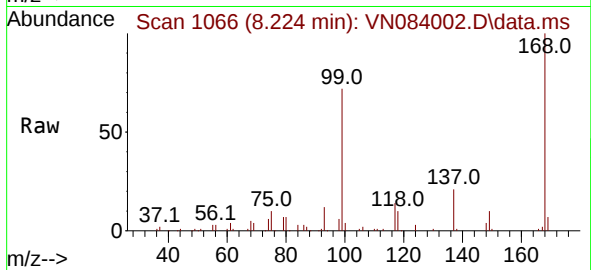




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084002.D
Acq: 18 Sep 2024 23:03

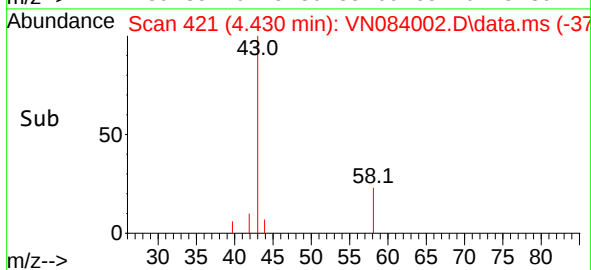
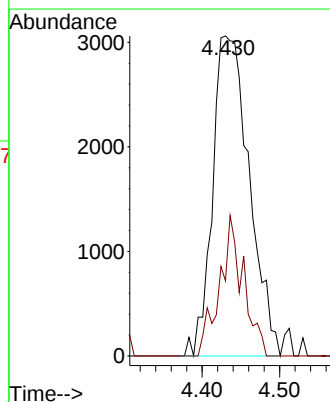
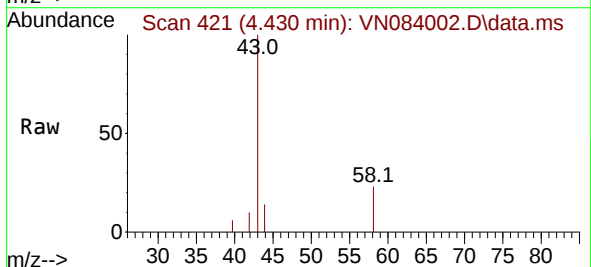
Instrument :
MSVOA_N
ClientSampleId :
FM648

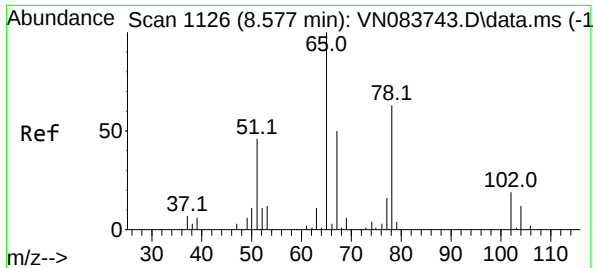
Tgt Ion:168 Resp: 176048
Ion Ratio Lower Upper
168 100
99 71.7 54.2 81.2



#16
Acetone
Concen: 9.472 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN084002.D
Acq: 18 Sep 2024 23:03

Tgt Ion: 43 Resp: 10080
Ion Ratio Lower Upper
43 100
58 23.4 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 51.629 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084002.D

Acq: 18 Sep 2024 23:03

Instrument :

MSVOA_N

ClientSampleId :

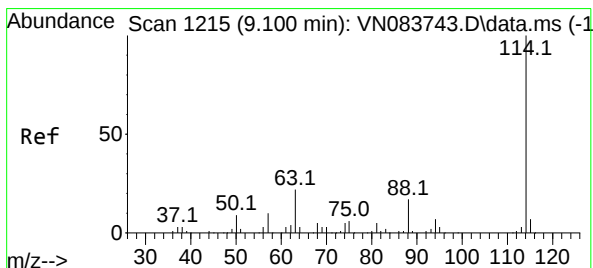
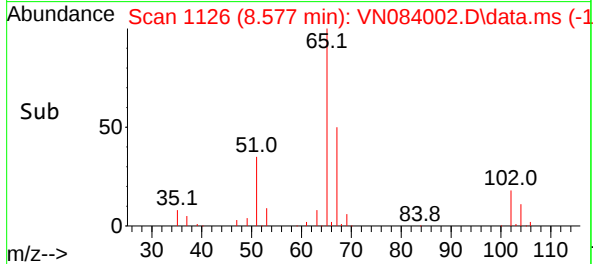
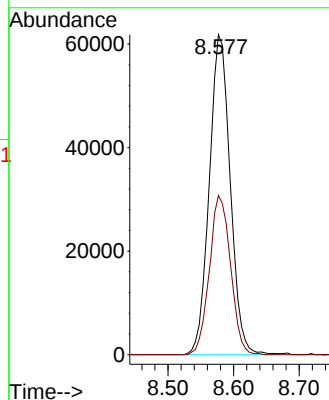
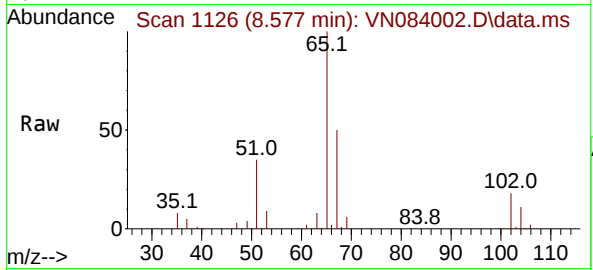
FM648

Tgt Ion: 65 Resp: 137052

Ion Ratio Lower Upper

65 100

67 50.1 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: VN084002.D

Acq: 18 Sep 2024 23:03

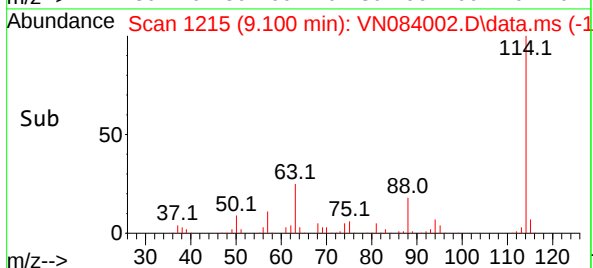
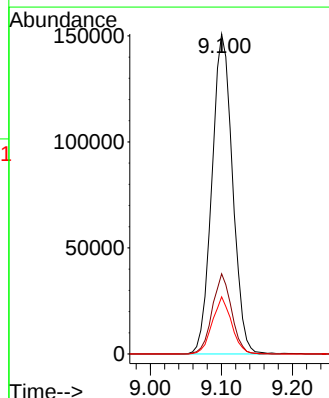
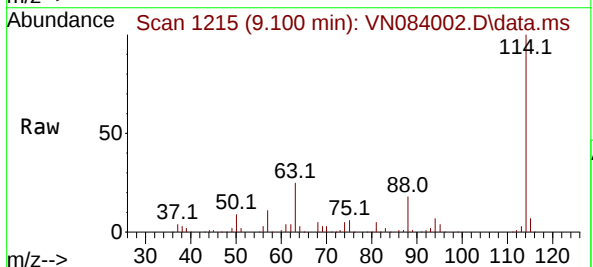
Tgt Ion: 114 Resp: 304251

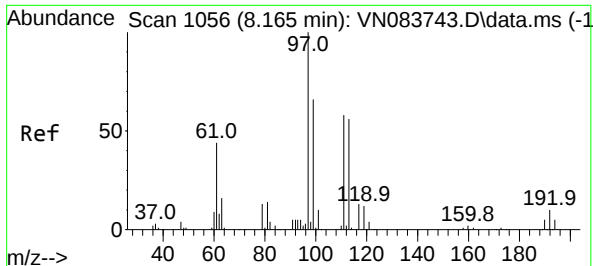
Ion Ratio Lower Upper

114 100

63 25.0 0.0 43.4

88 17.8 0.0 32.6

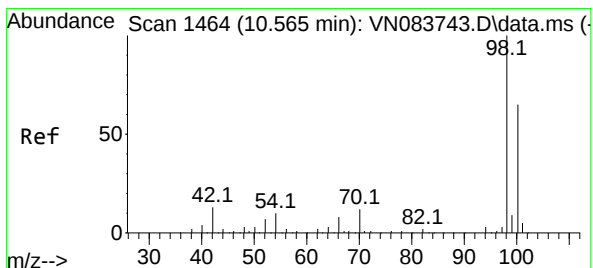
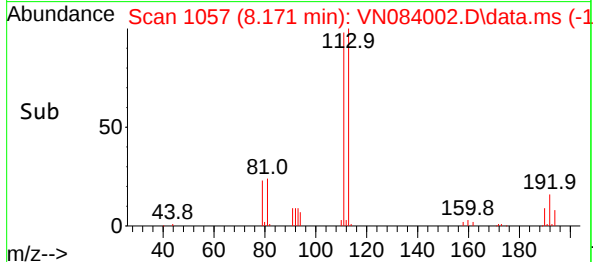
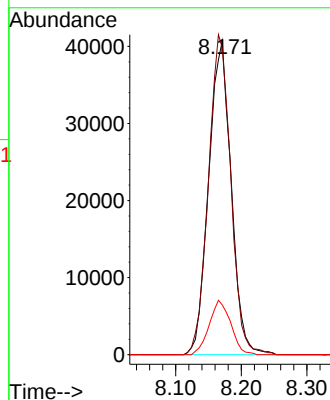
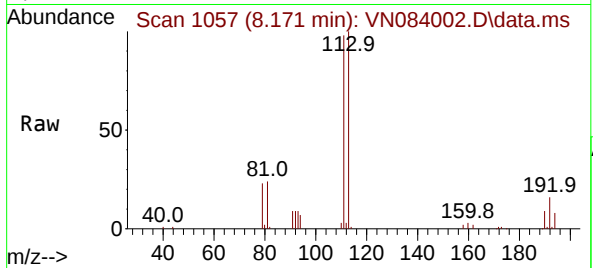




#35
Dibromofluoromethane
Concen: 49.781 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084002.D
Acq: 18 Sep 2024 23:03

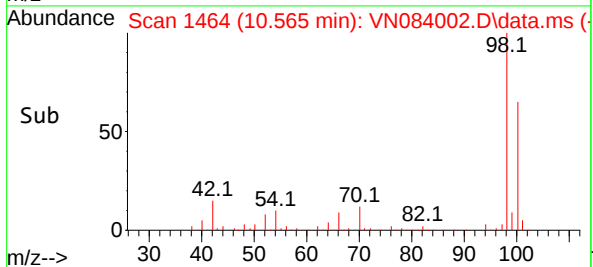
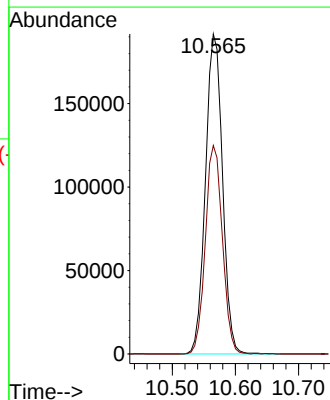
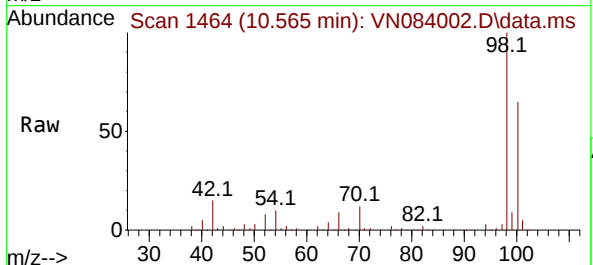
Instrument :
MSVOA_N
ClientSampleId :
FM648

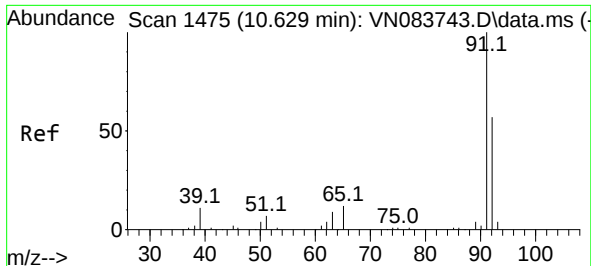
Tgt Ion:113 Resp: 96963
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 16.6 14.3 21.5



#50
Toluene-d8
Concen: 53.345 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084002.D
Acq: 18 Sep 2024 23:03

Tgt Ion: 98 Resp: 359200
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

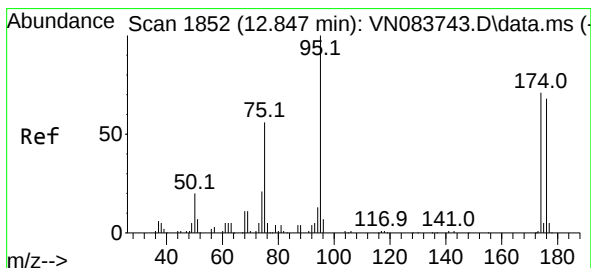
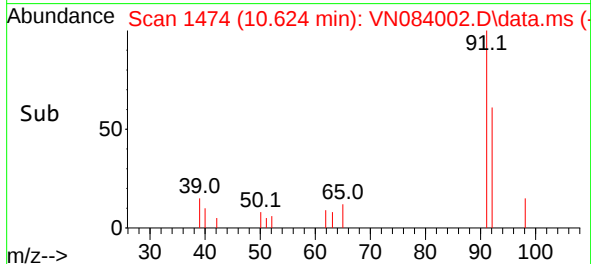
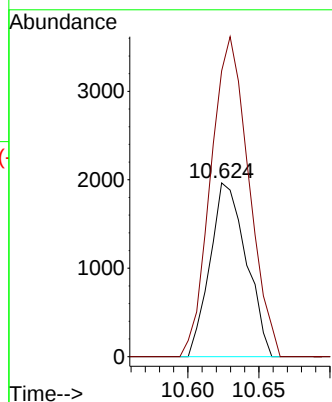
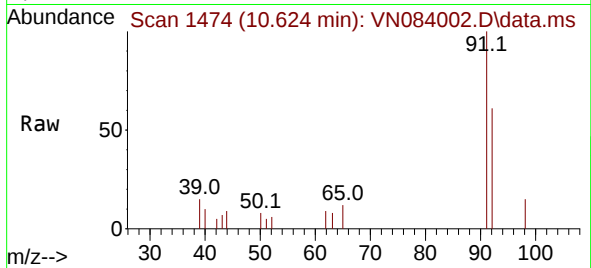




#52
Toluene
Concen: 0.645 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN084002.D
Acq: 18 Sep 2024 23:03

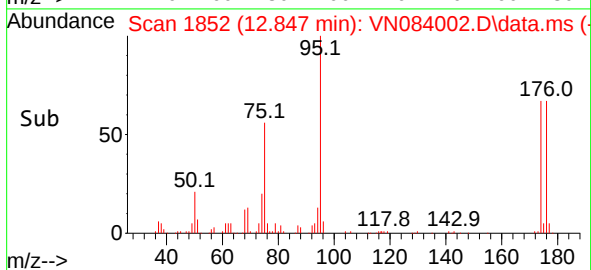
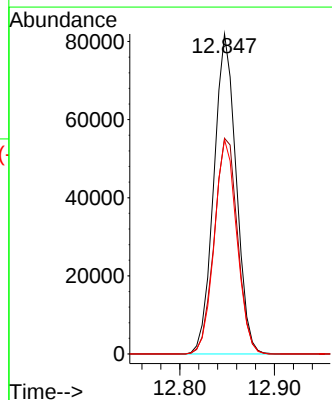
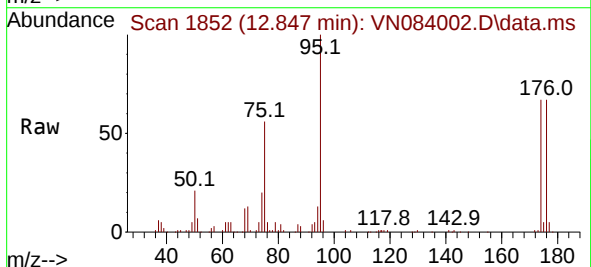
Instrument :
MSVOA_N
ClientSampleId :
FM648

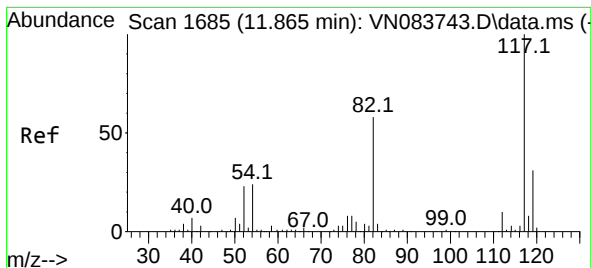
Tgt Ion: 92 Resp: 3482
Ion Ratio Lower Upper
92 100
91 193.3 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 48.275 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084002.D
Acq: 18 Sep 2024 23:03

Tgt Ion: 95 Resp: 134114
Ion Ratio Lower Upper
95 100
174 70.5 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: VN084002.D

Acq: 18 Sep 2024 23:03

Instrument :

MSVOA_N

ClientSampleId :

FM648

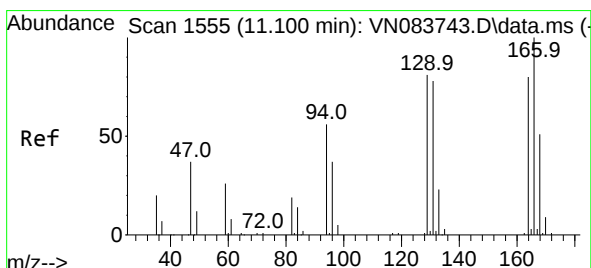
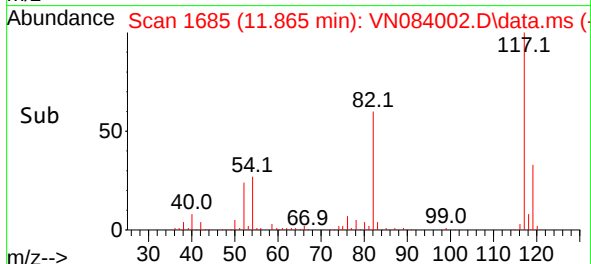
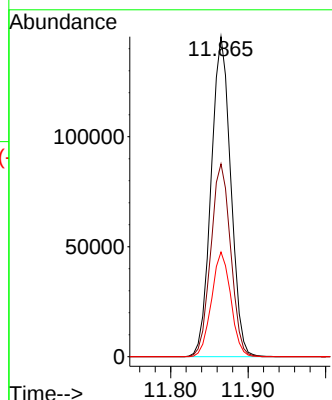
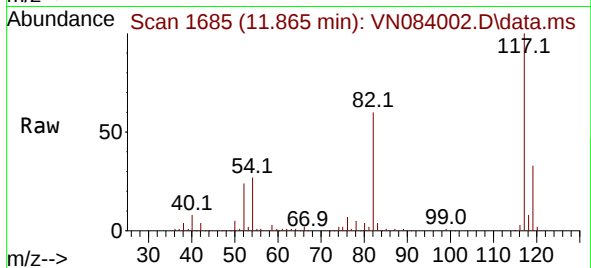
Tgt Ion:117 Resp: 255859

Ion Ratio Lower Upper

117 100

82 60.3 47.4 71.0

119 32.7 26.3 39.5



#64

Tetrachloroethene

Concen: 1.905 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.012 min

Lab File: VN084002.D

Acq: 18 Sep 2024 23:03

Tgt Ion:164 Resp: 3241

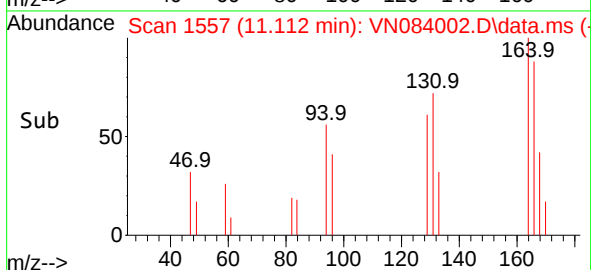
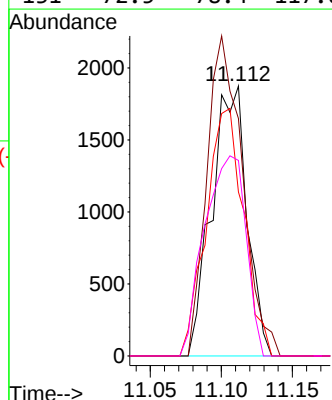
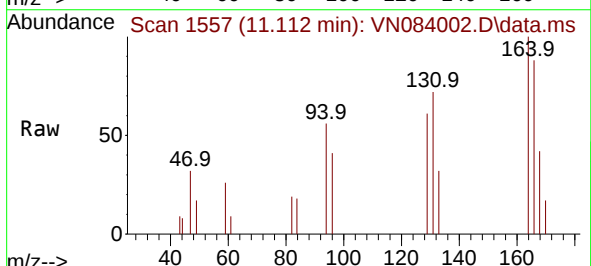
Ion Ratio Lower Upper

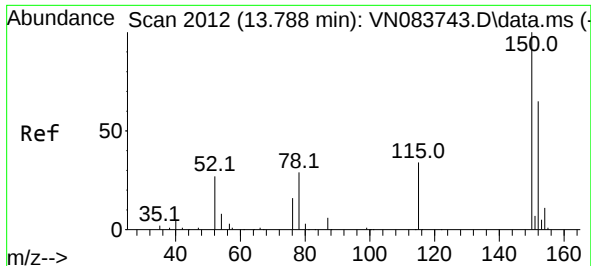
164 100

166 88.0 103.7 155.5#

129 60.8 79.9 119.9#

131 72.5 78.4 117.6#

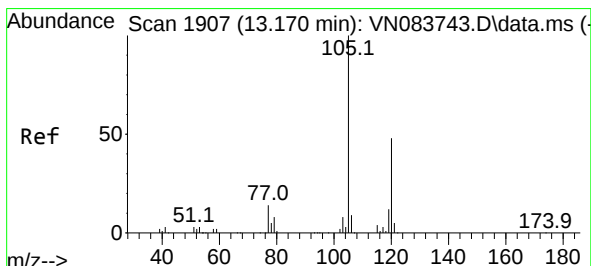
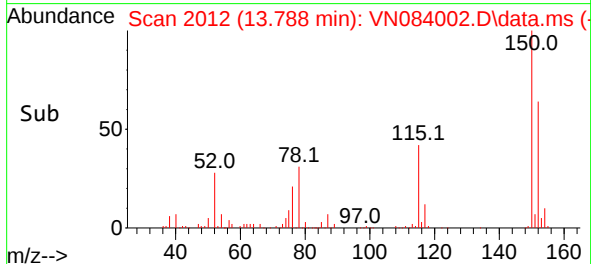
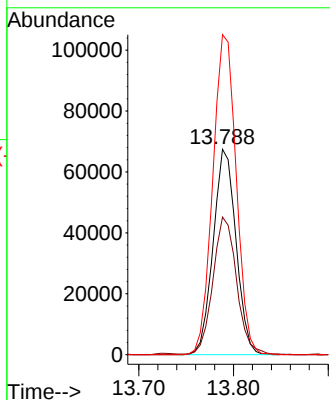
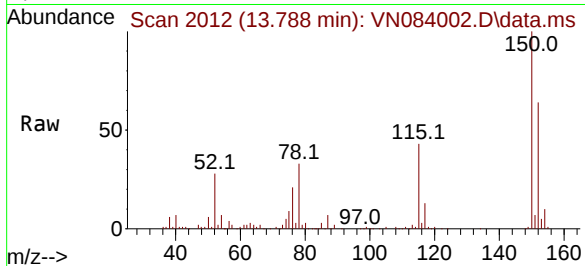




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084002.D
 Acq: 18 Sep 2024 23:03

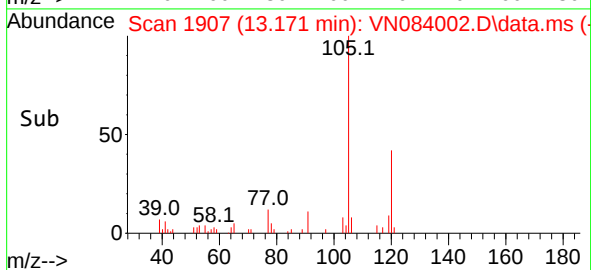
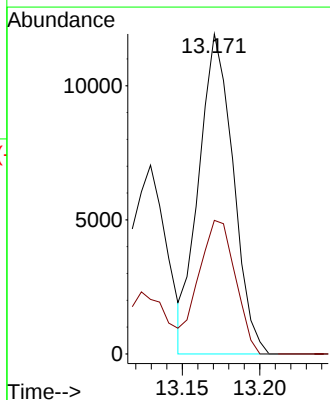
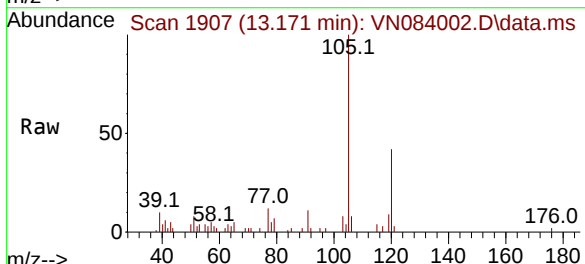
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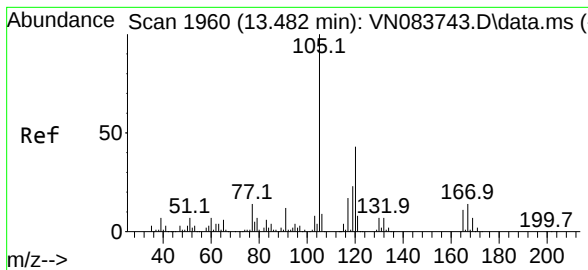
Tgt Ion:152 Resp: 113071
 Ion Ratio Lower Upper
 152 100
 115 69.7 32.2 96.6
 150 159.9 0.0 348.6



#80
 1,3,5-Trimethylbenzene
 Concen: 2.493 ug/l
 RT: 13.171 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN084002.D
 Acq: 18 Sep 2024 23:03

Tgt Ion:105 Resp: 18389
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.4 70.3





#84
 1,2,4-Trimethylbenzene
 Concen: 6.884 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN084002.D
 Acq: 18 Sep 2024 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 FM648

Tgt Ion:105 Resp: 51001
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.8 65.4

