

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083944.D
 Acq On : 17 Sep 2024 14:41
 Operator : JC\MD
 Sample : P3989-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Sep 18 01:49:19 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)

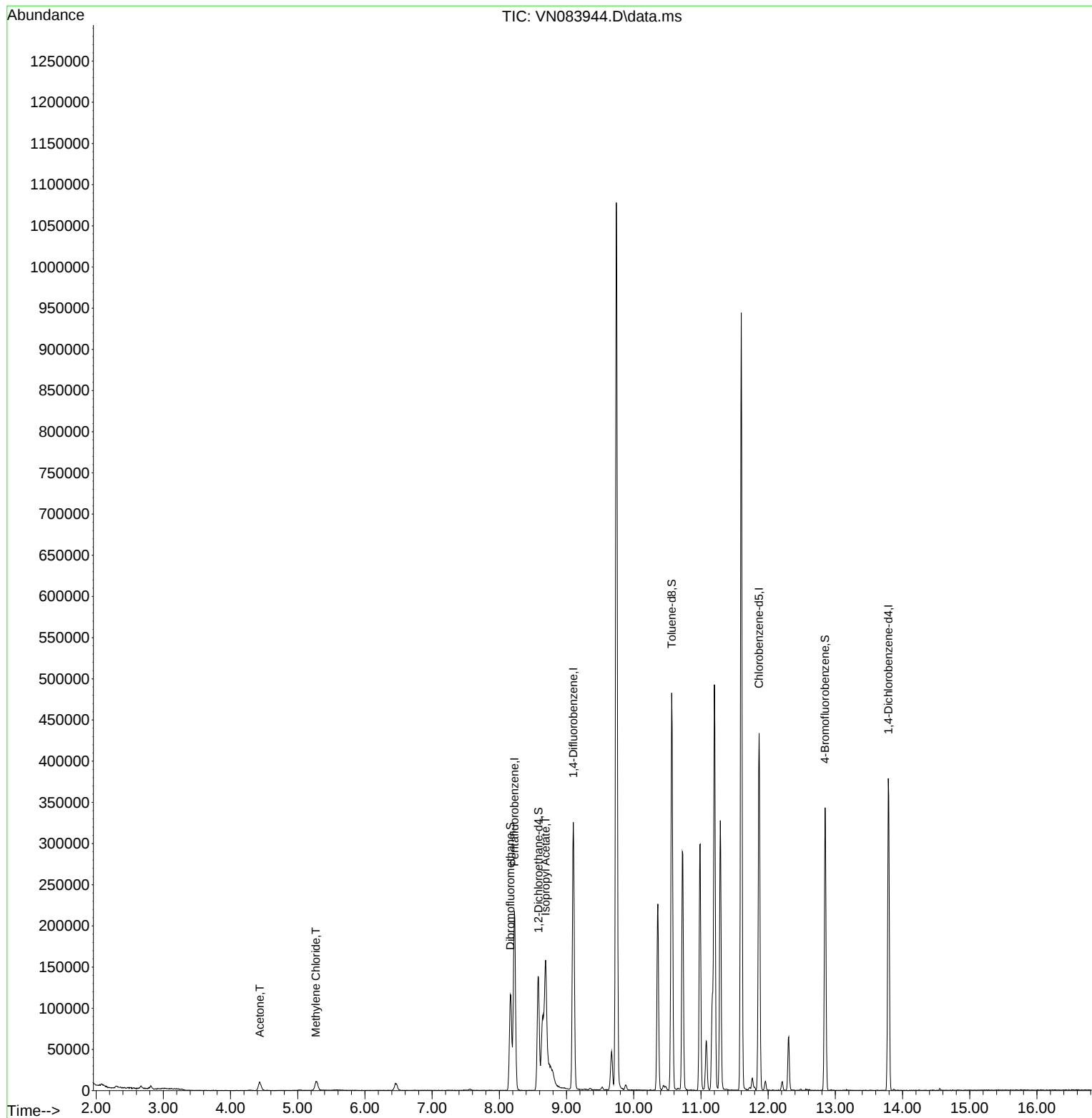
Internal Standards						
1) Pentafluorobenzene	8.224	168	148299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	120141	53.727	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.460%		
35) Dibromofluoromethane	8.165	113	83160	49.410	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.820%		
50) Toluene-d8	10.565	98	315001	54.139	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.280%		
62) 4-Bromofluorobenzene	12.847	95	114811	47.827	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 95.660%		
Target Compounds						Qvalue
16) Acetone	4.436	43	20020	22.333	ug/l	95
20) Methylene Chloride	5.271	84	8177	4.458	ug/l	97
43) Isopropyl Acetate	8.688	43	320437	76.901	ug/l #	71

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

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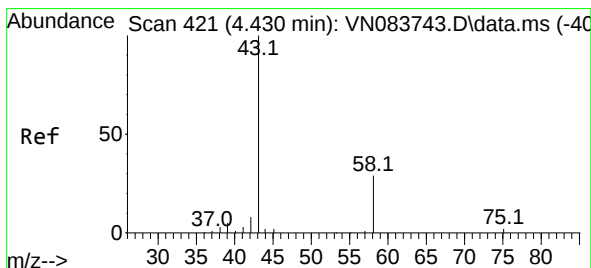
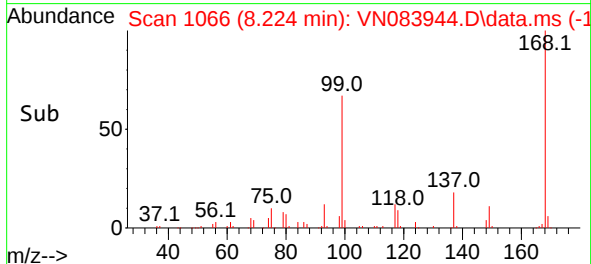
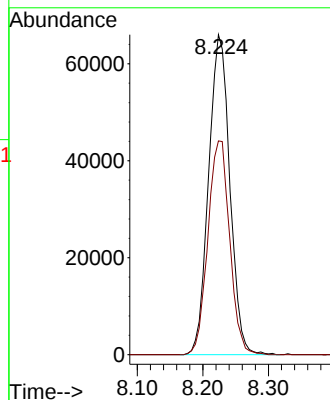
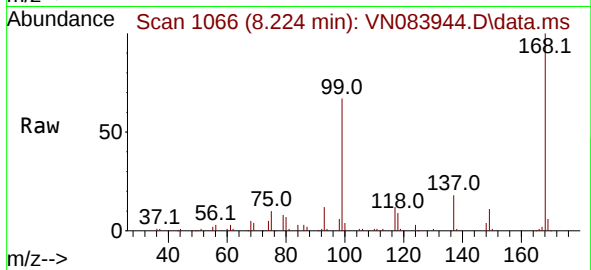




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

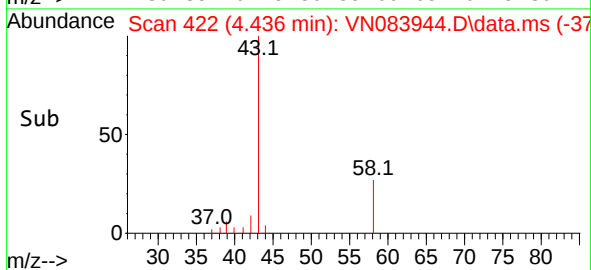
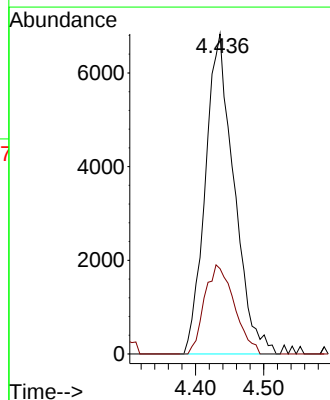
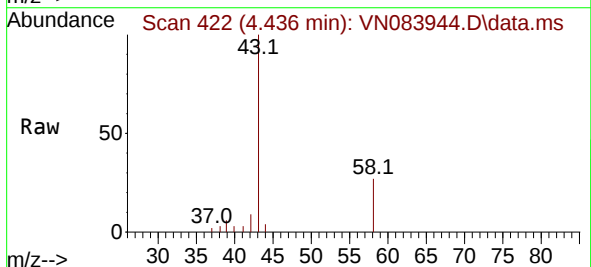
Instrument :
MSVOA_N
ClientSampleId :
TP-3

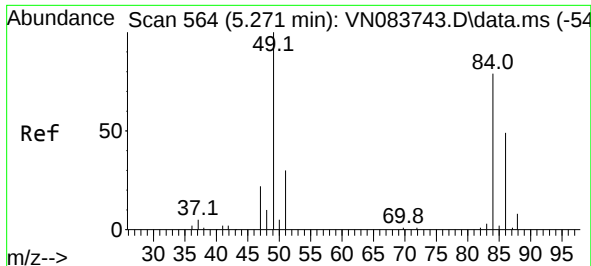
Tgt Ion:168 Resp: 148299
Ion Ratio Lower Upper
168 100
99 66.8 54.2 81.2



#16
Acetone
Concen: 22.333 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 43 Resp: 20020
Ion Ratio Lower Upper
43 100
58 26.7 23.7 35.5



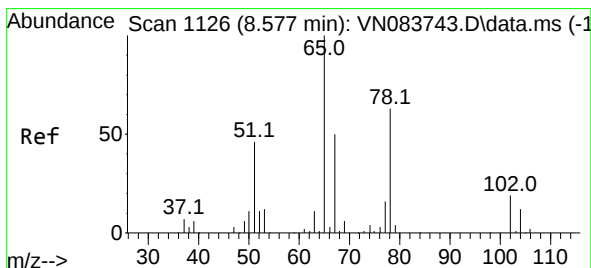
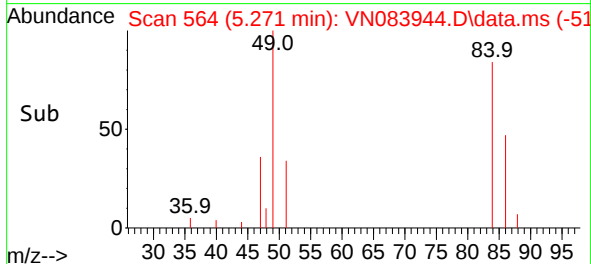
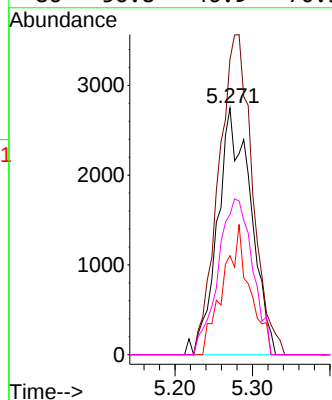
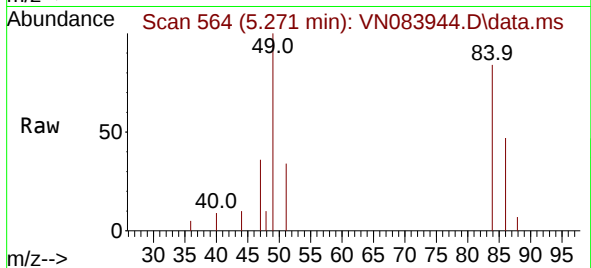


#20
Methylene Chloride
Concen: 4.458 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tgt Ion: 84 Resp: 8177

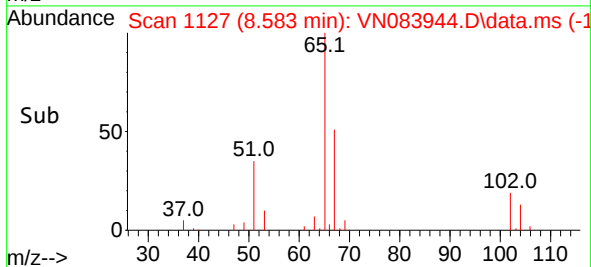
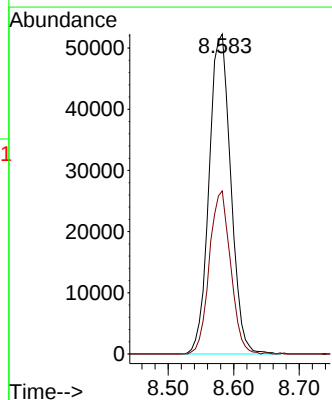
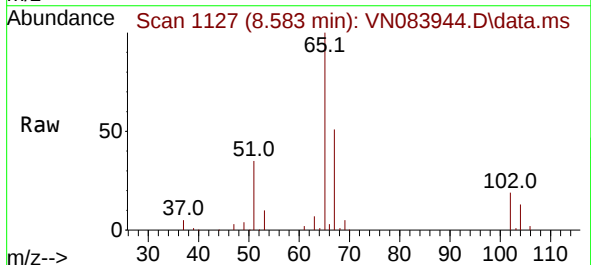
Ion	Ratio	Lower	Upper
84	100		
49	119.7	93.4	140.0
51	40.2	29.2	43.8
86	56.8	46.9	70.3

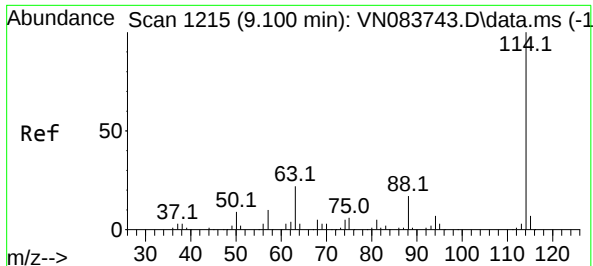


#33
1,2-Dichloroethane-d4
Concen: 53.727 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 65 Resp: 120141

Ion	Ratio	Lower	Upper
65	100		
67	49.8	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: VN083944.D

Acq: 17 Sep 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

TP-3

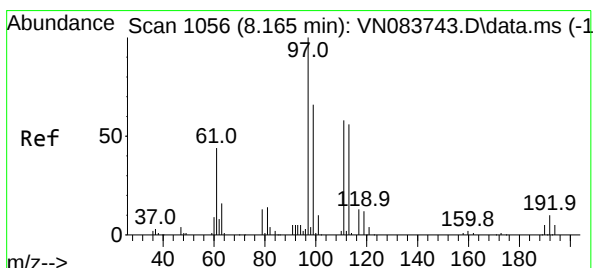
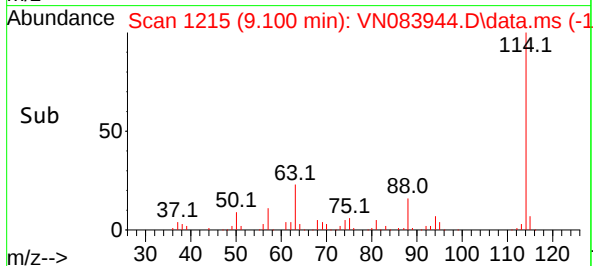
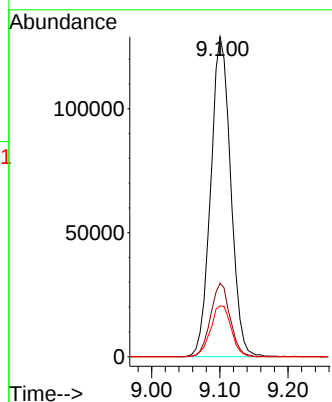
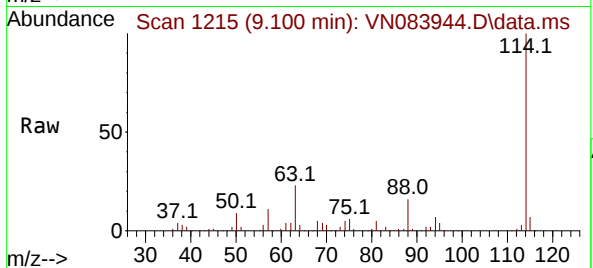
Tgt Ion:114 Resp: 262901

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.410 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083944.D

Acq: 17 Sep 2024 14:41

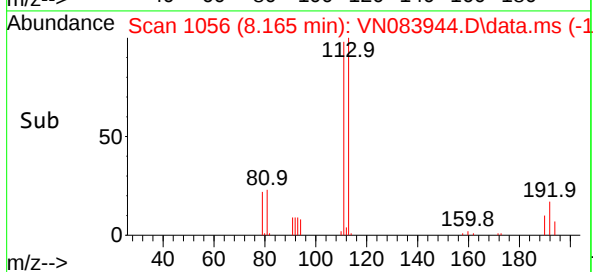
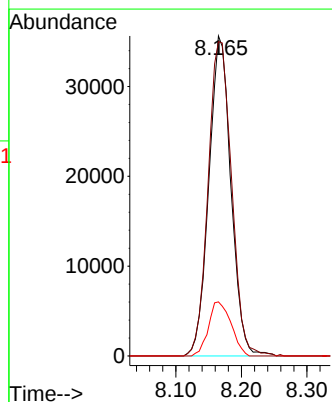
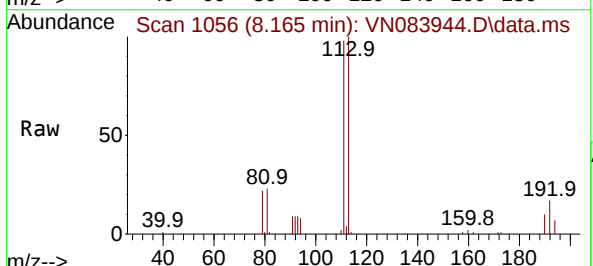
Tgt Ion:113 Resp: 83160

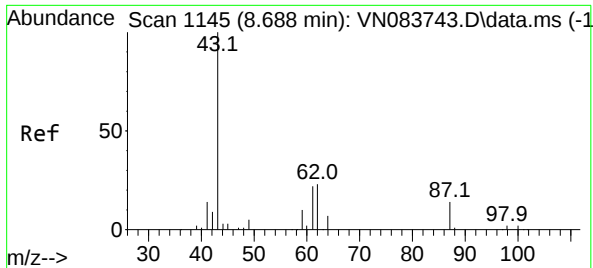
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 17.3 14.3 21.5

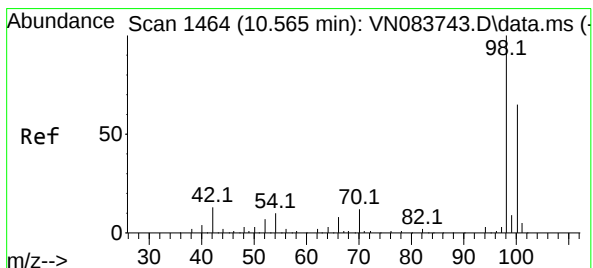
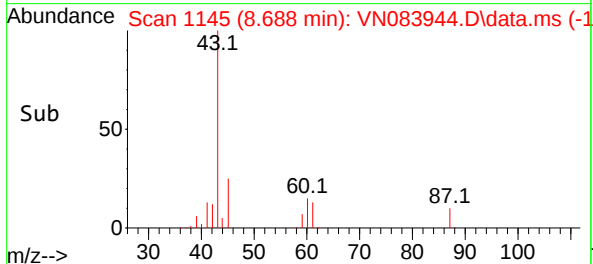
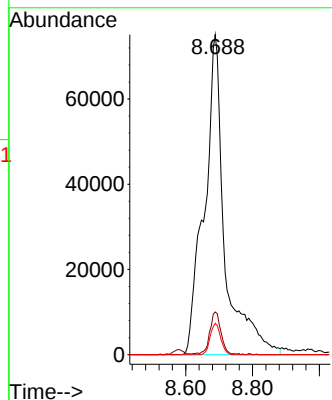
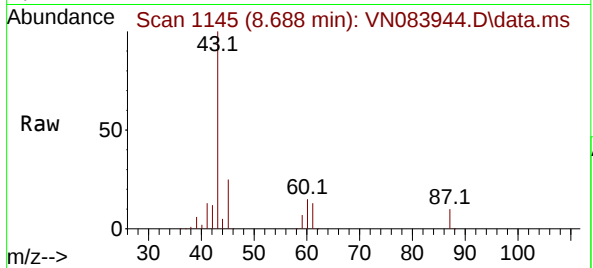




#43
Isopropyl Acetate
Concen: 76.901 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

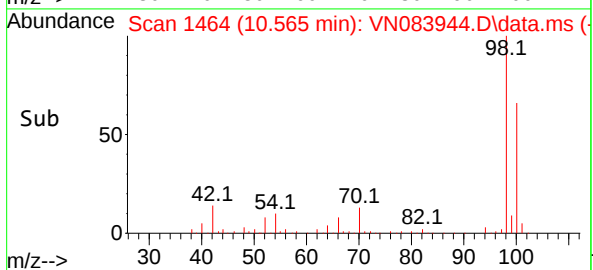
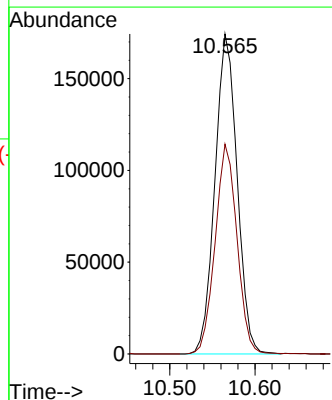
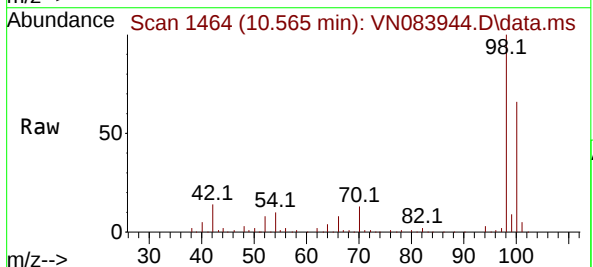
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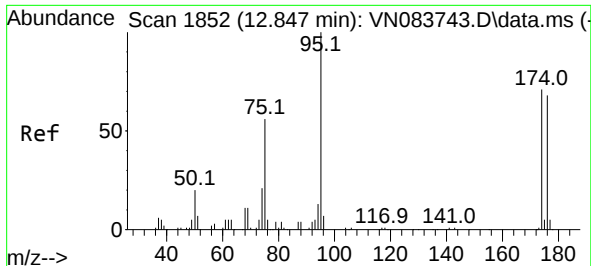
Tgt Ion: 43 Resp: 320437
Ion Ratio Lower Upper
43 100
61 7.4 19.4 29.0#
87 5.0 9.8 14.6#



#50
Toluene-d8
Concen: 54.139 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 98 Resp: 315001
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 47.827 ug/l

RT: 12.847 min Scan# 114811

Delta R.T. 0.000 min

Lab File: VN083944.D

Acq: 17 Sep 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

TP-3

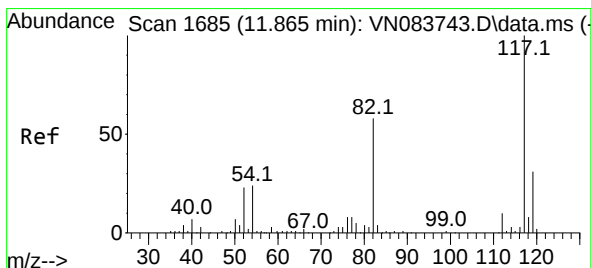
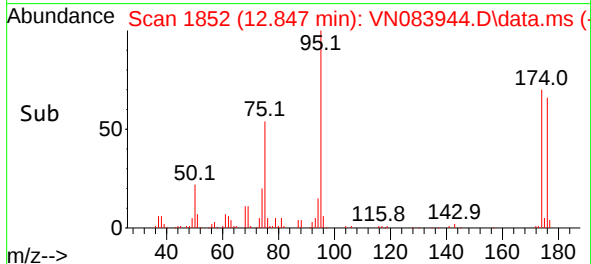
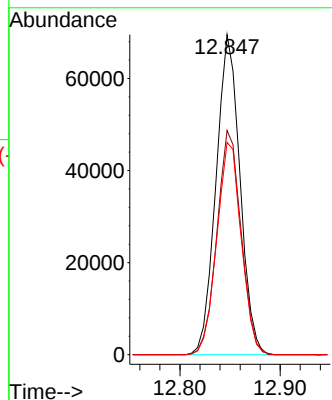
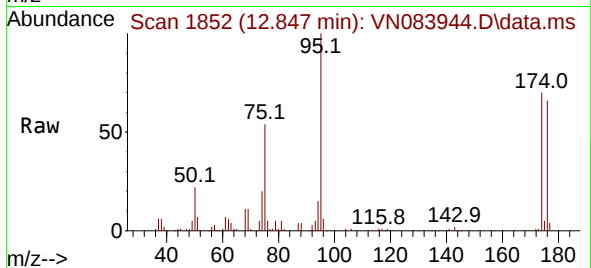
Tgt Ion: 95 Resp: 114811

Ion Ratio Lower Upper

95 100

174 70.9 0.0 139.8

176 67.8 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN083944.D

Acq: 17 Sep 2024 14:41

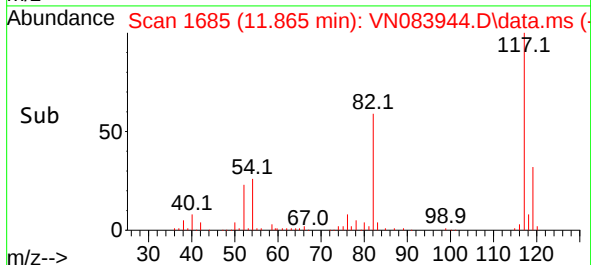
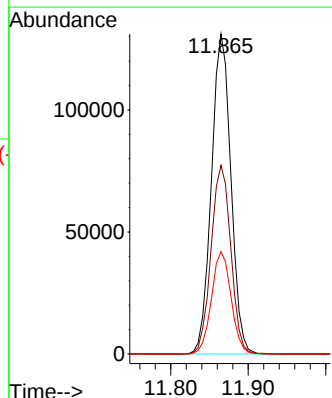
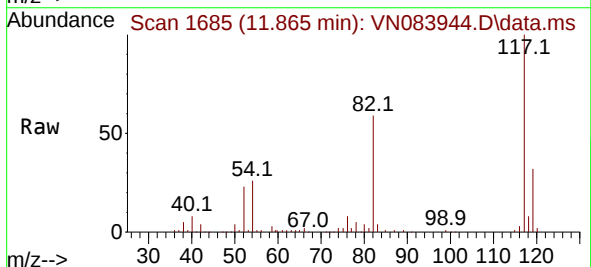
Tgt Ion: 117 Resp: 228921

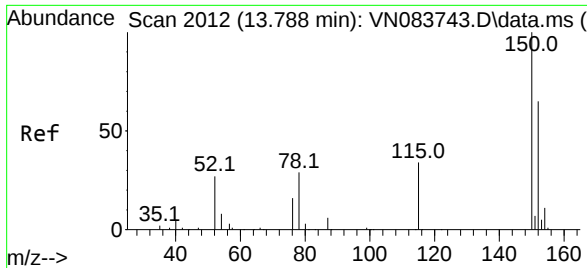
Ion Ratio Lower Upper

117 100

82 59.0 47.4 71.0

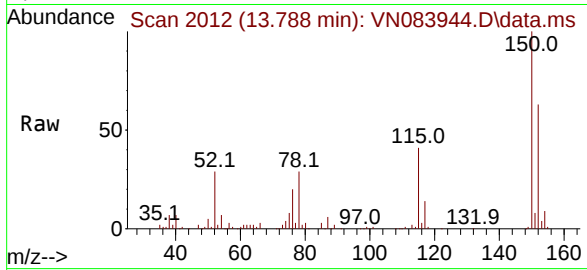
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083944.D
 Acq: 17 Sep 2024 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3



Tgt Ion:152 Resp: 95472
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.2 96.6
 150 157.7 0.0 348.6

