

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083897.D
 Acq On : 14 Sep 2024 17:56
 Operator : JC\MD
 Sample : PB163310TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163310TB

Quant Time: Sep 16 01:38:58 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)

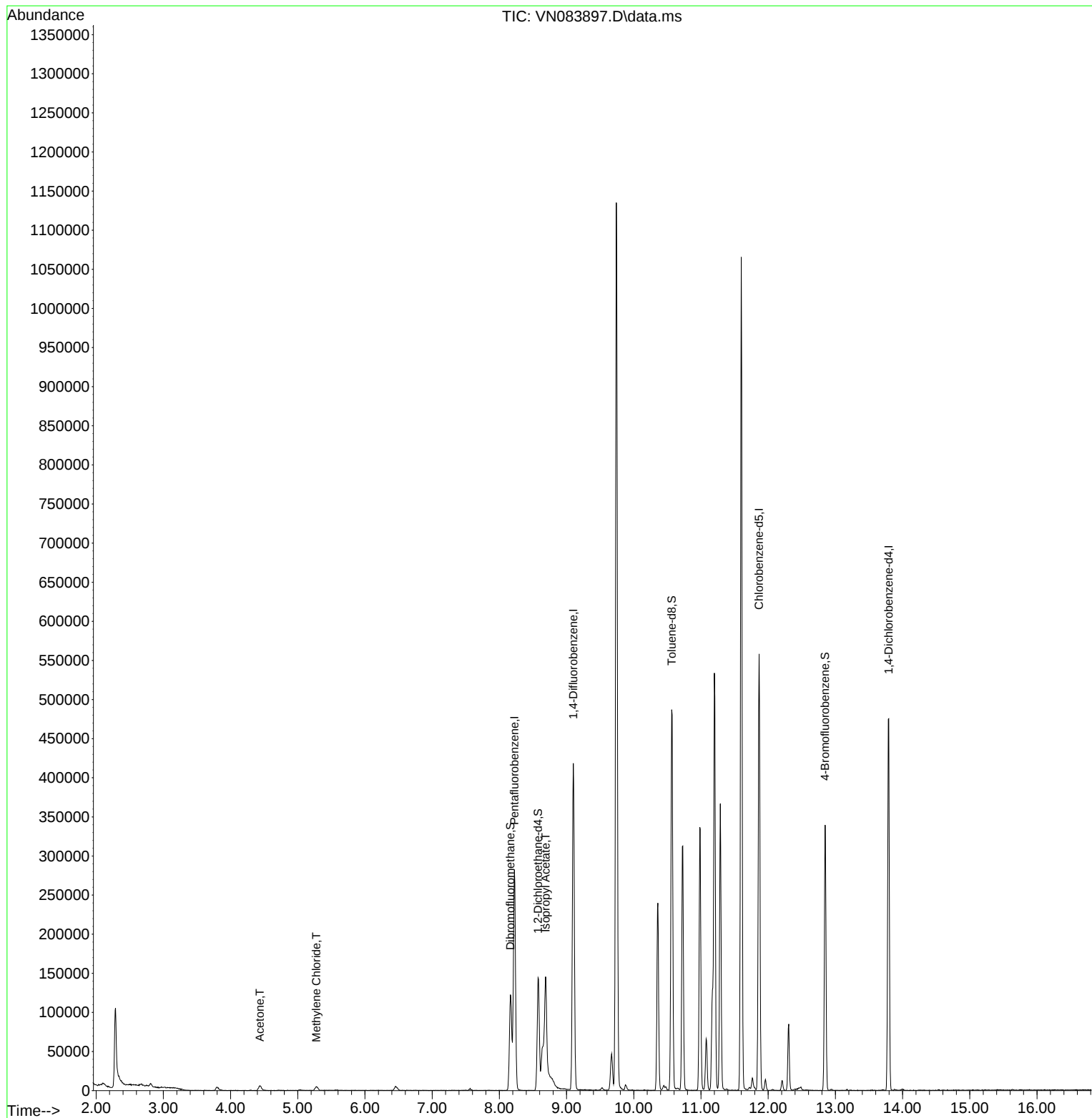
Internal Standards						
1) Pentafluorobenzene	8.224	168	188085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125318	44.187	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.380%
35) Dibromofluoromethane	8.165	113	88798	40.463	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.920%
50) Toluene-d8	10.565	98	334117	44.040	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.080%
62) 4-Bromofluorobenzene	12.847	95	113030	36.111	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	72.220%#
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	12894	11.341	ug/l	98
20) Methylene Chloride	5.277	84	3533	1.519	ug/l #	84
43) Isopropyl Acetate	8.688	43	248982	45.826	ug/l #	76

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

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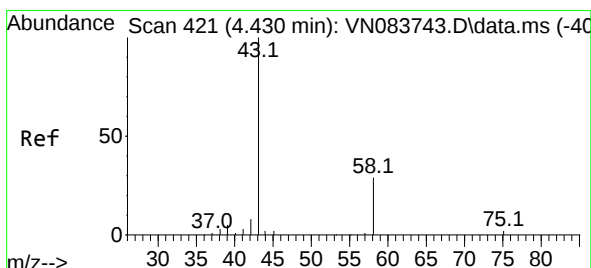
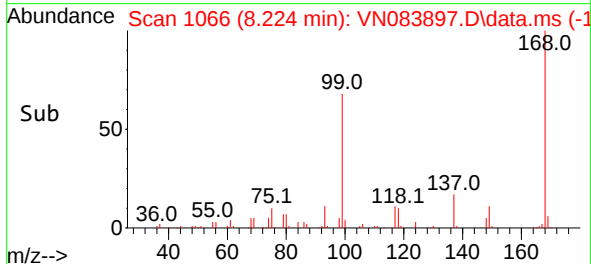
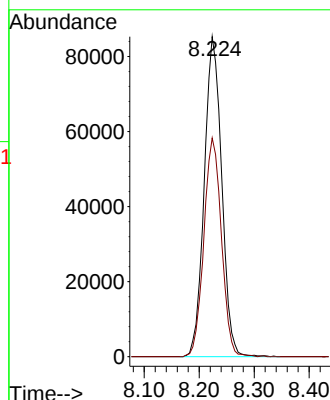
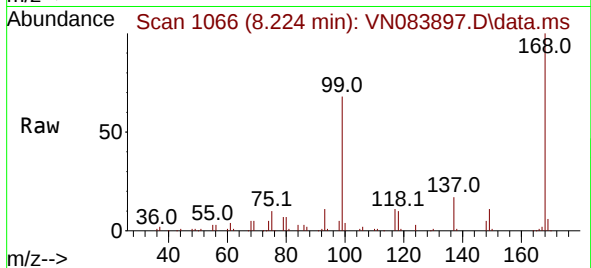




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

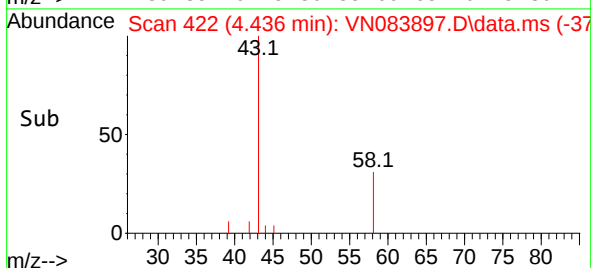
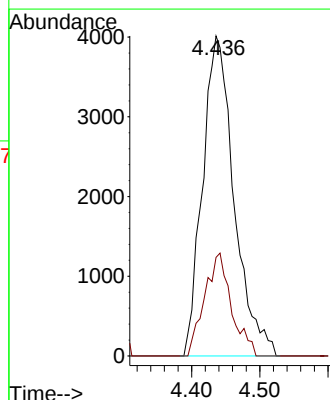
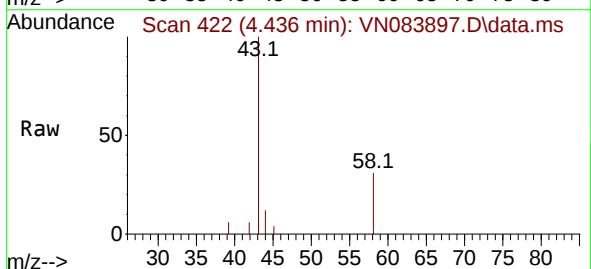
Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

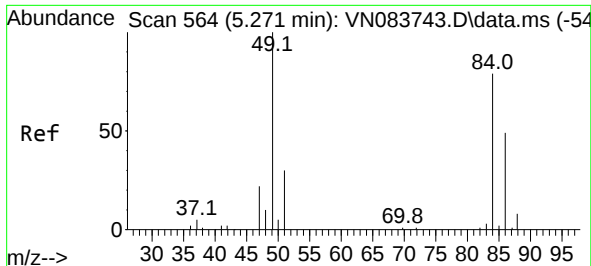
Tgt Ion:168 Resp: 188085
Ion Ratio Lower Upper
168 100
99 68.3 54.2 81.2



#16
Acetone
Concen: 11.341 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

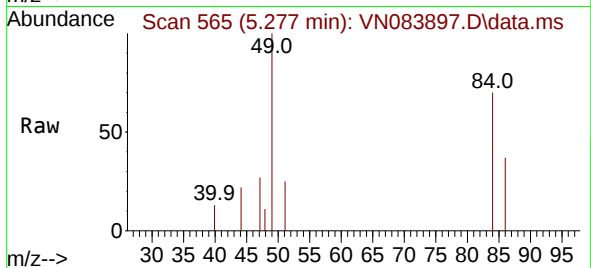
Tgt Ion: 43 Resp: 12894
Ion Ratio Lower Upper
43 100
58 30.8 23.7 35.5



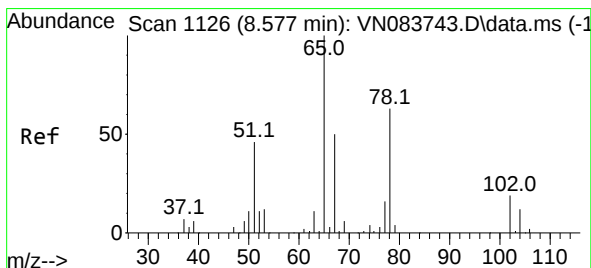
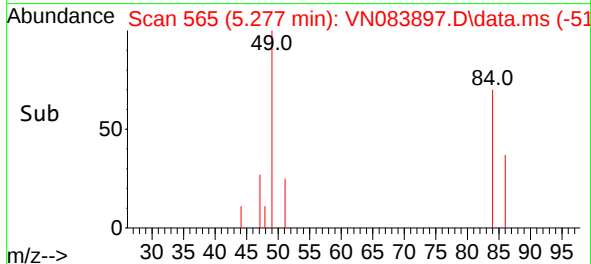
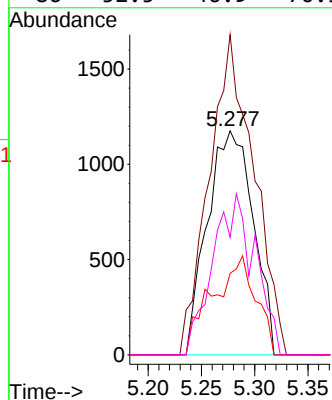


#20
Methylene Chloride
Concen: 1.519 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

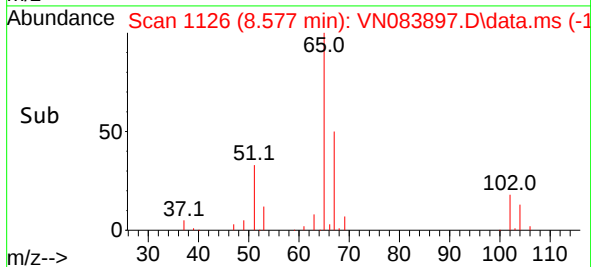
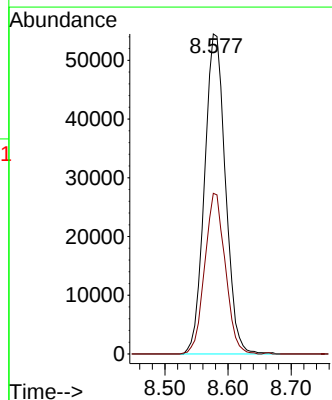
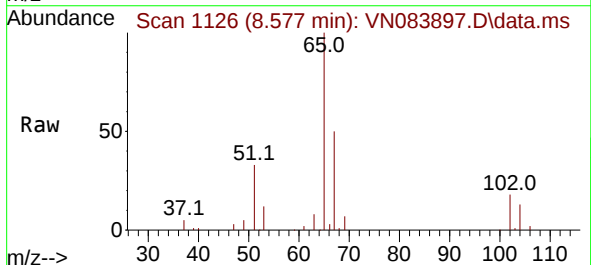


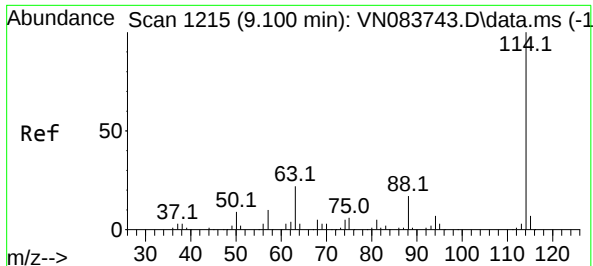
Tgt Ion:	84	Resp:	3533
Ion	Ratio	Lower	Upper
84	100		
49	142.9	93.4	140.0#
51	36.4	29.2	43.8
86	52.5	46.9	70.3



#33
1,2-Dichloroethane-d4
Concen: 44.187 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion:	65	Resp:	125318
Ion	Ratio	Lower	Upper
65	100		
67	49.3	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: VN083897.D

Acq: 14 Sep 2024 17:56

Instrument :

MSVOA_N

ClientSampleId :

PB163310TB

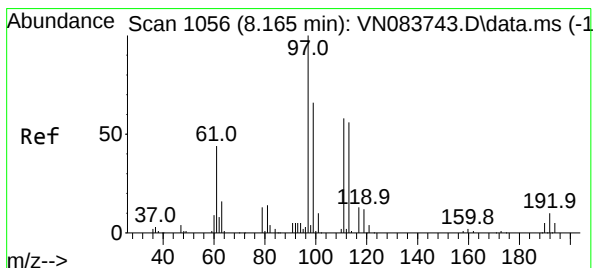
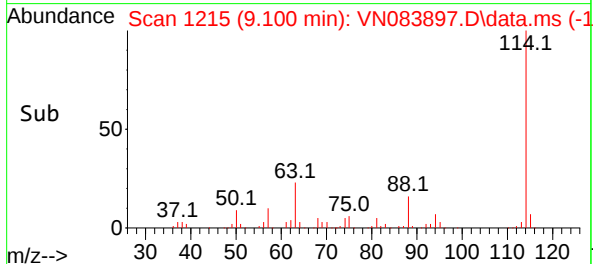
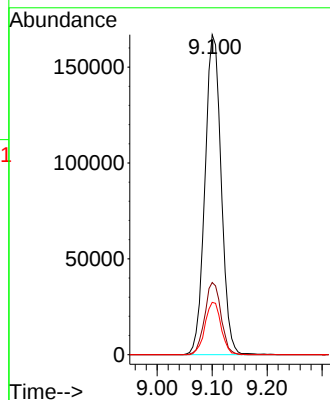
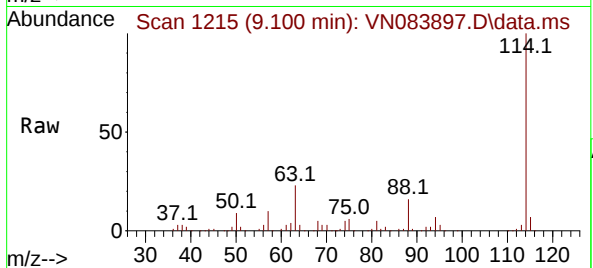
Tgt Ion:114 Resp: 342800

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 40.463 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083897.D

Acq: 14 Sep 2024 17:56

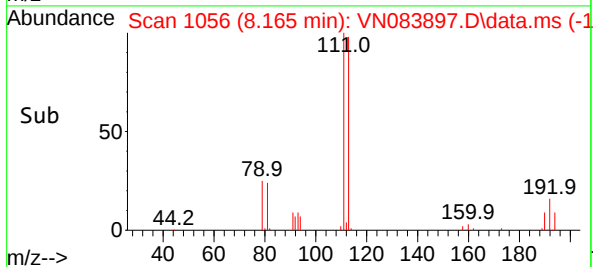
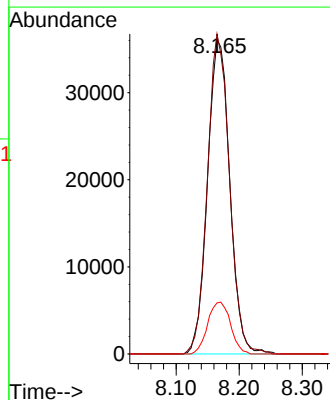
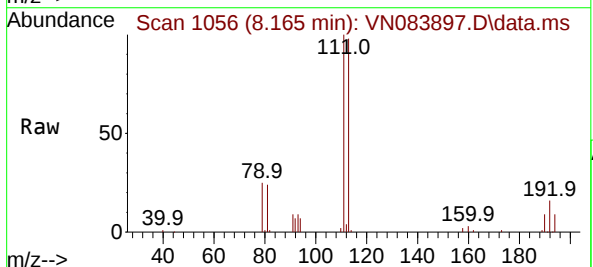
Tgt Ion:113 Resp: 88798

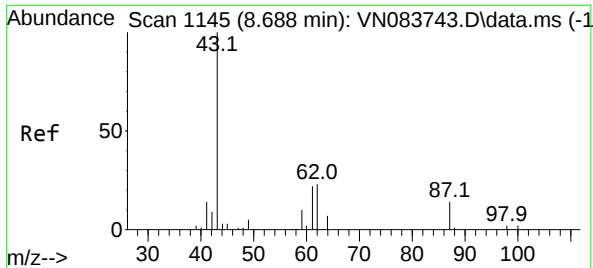
Ion Ratio Lower Upper

113 100

111 100.5 82.6 124.0

192 16.8 14.3 21.5

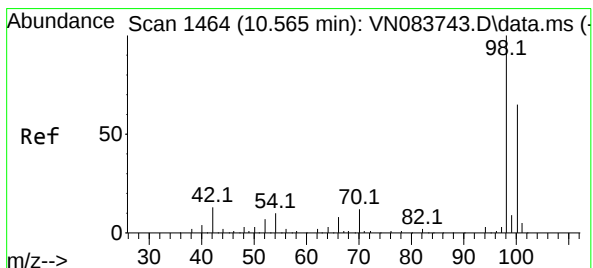
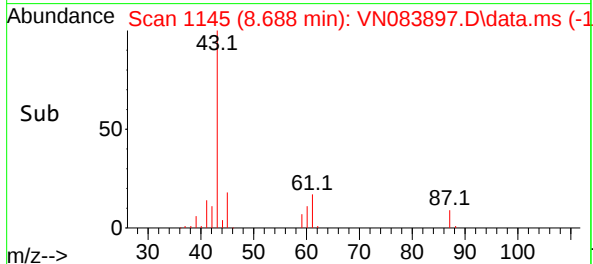
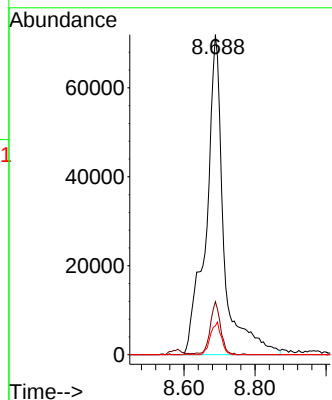
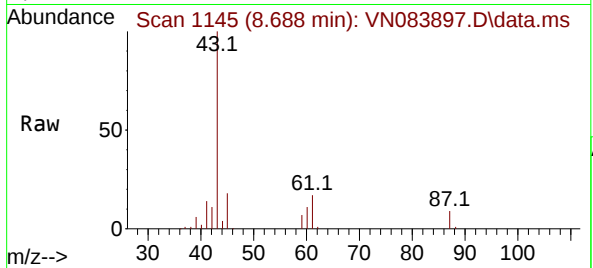




#43
Isopropyl Acetate
Concen: 45.826 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

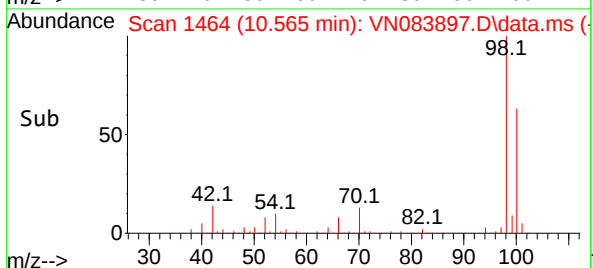
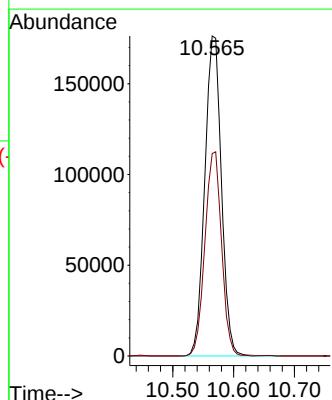
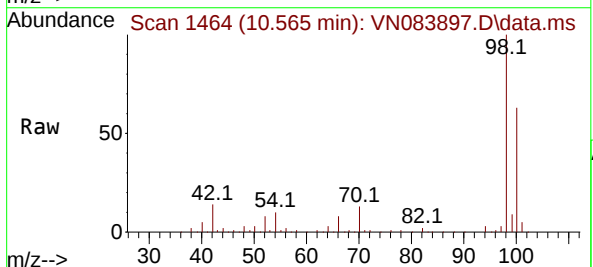
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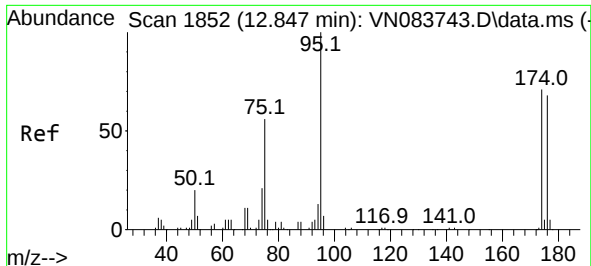
Tgt Ion: 43 Resp: 248982
Ion Ratio Lower Upper
43 100
61 9.8 19.4 29.0#
87 6.2 9.8 14.6#



#50
Toluene-d8
Concen: 44.040 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 98 Resp: 334117
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

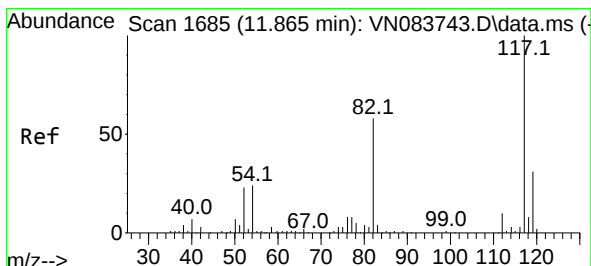
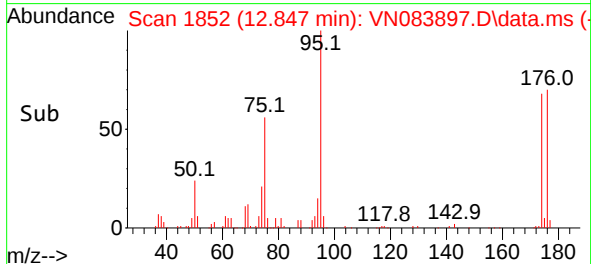
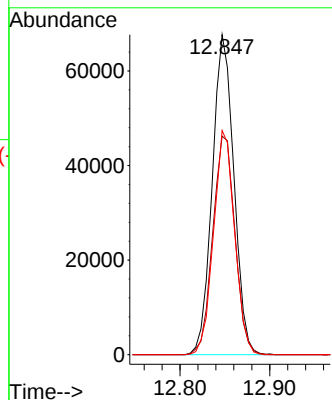
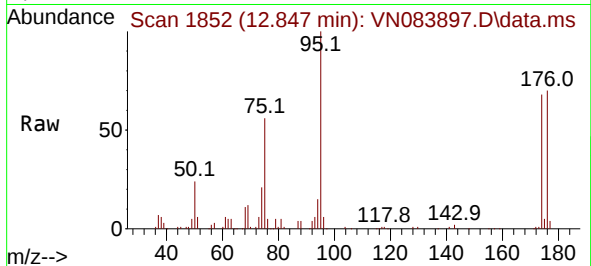




#62
4-Bromofluorobenzene
Concen: 36.111 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

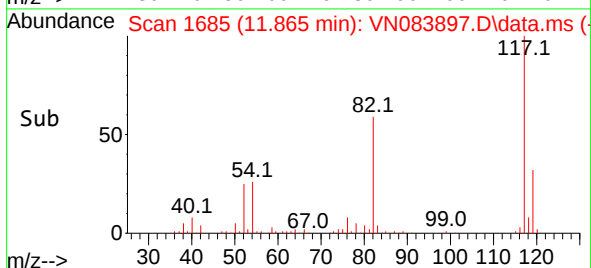
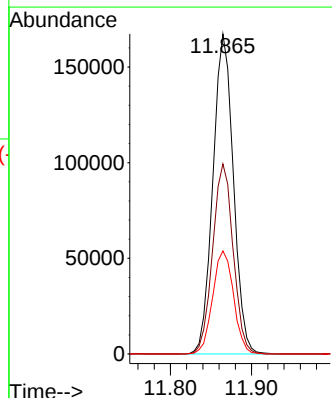
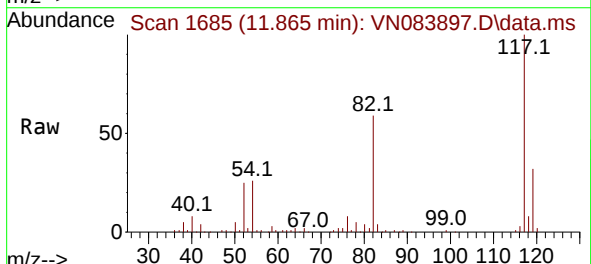
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MSVOA_N
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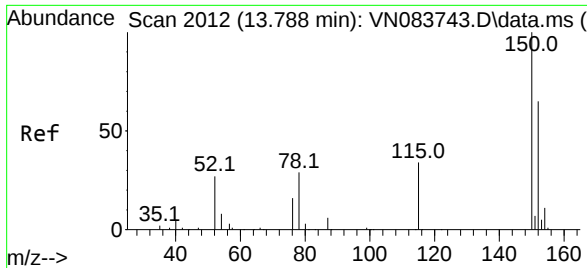
Tgt Ion: 95 Resp: 113030
Ion Ratio Lower Upper
95 100
174 70.3 0.0 139.8
176 68.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

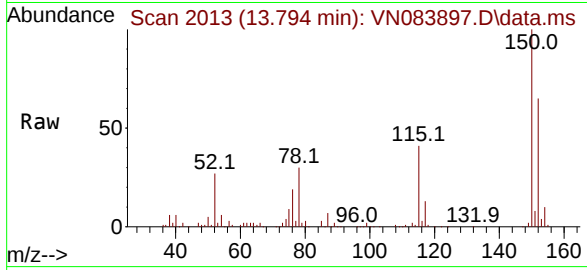
Tgt Ion: 117 Resp: 293013
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 32.2 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB



Tgt Ion:152 Resp: 120000
Ion Ratio Lower Upper
152 100
115 64.7 32.2 96.6
150 157.9 0.0 348.6

