

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083053.D
 Acq On : 26 Jul 2024 15:47
 Operator : JC\MD
 Sample : PB162268TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162268TB

Quant Time: Jul 26 23:08:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

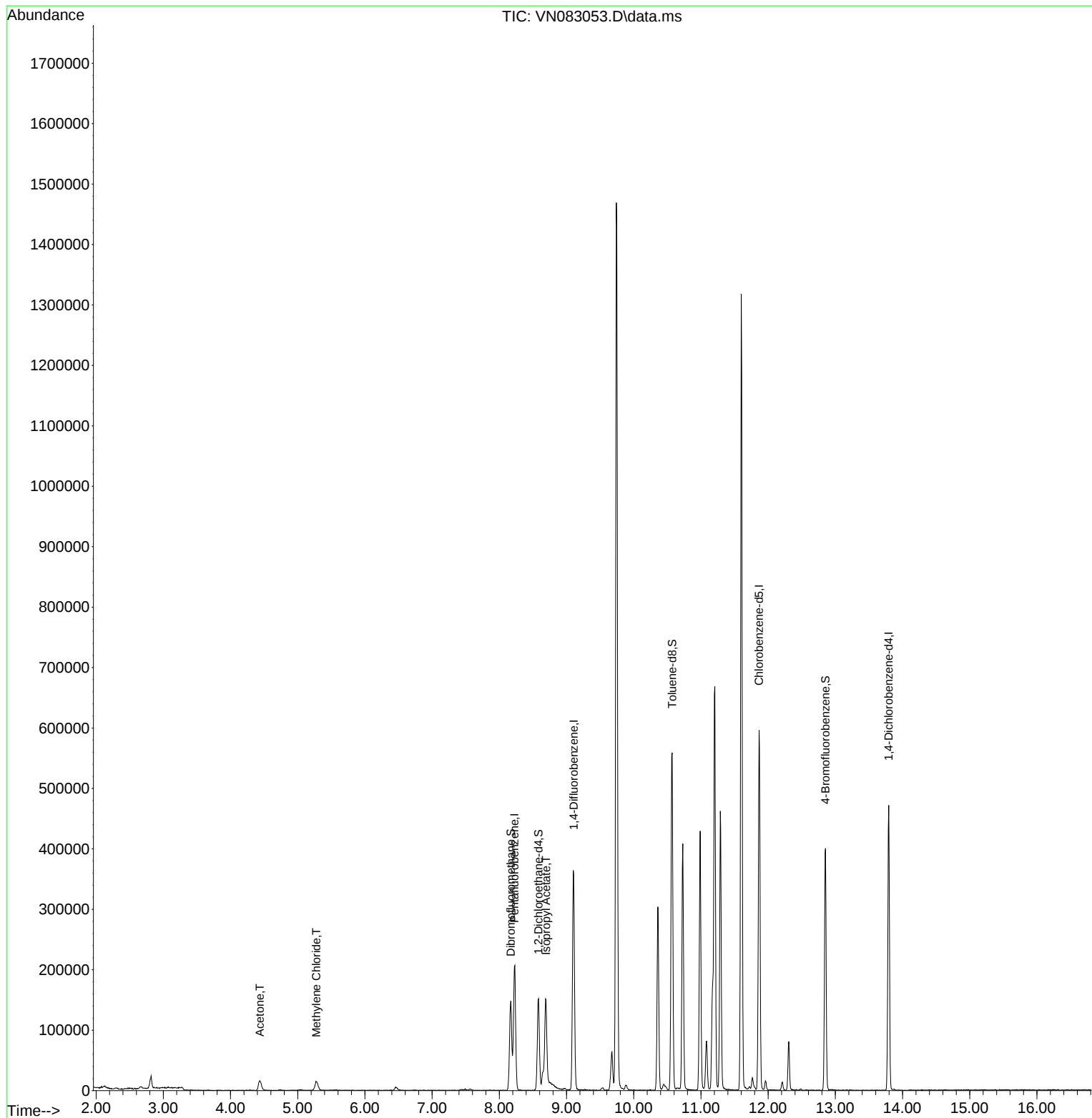
Internal Standards						
1) Pentafluorobenzene	8.224	168	143144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123330	61.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.920%
35) Dibromofluoromethane	8.171	113	100998	51.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.480%
50) Toluene-d8	10.571	98	383253	53.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.320%
62) 4-Bromofluorobenzene	12.853	95	122975	47.483	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.960%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	32669	46.243	ug/l	92
20) Methylene Chloride	5.277	84	11764	6.895	ug/l #	72
43) Isopropyl Acetate	8.694	43	192389	36.432	ug/l #	88

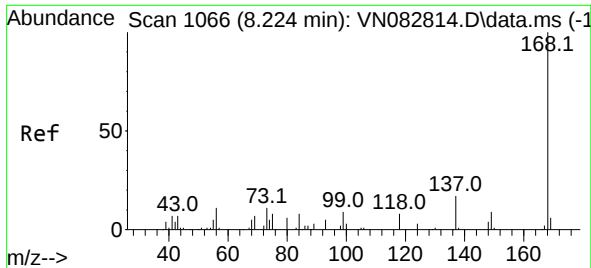
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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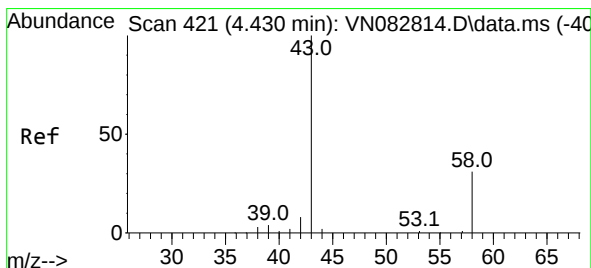
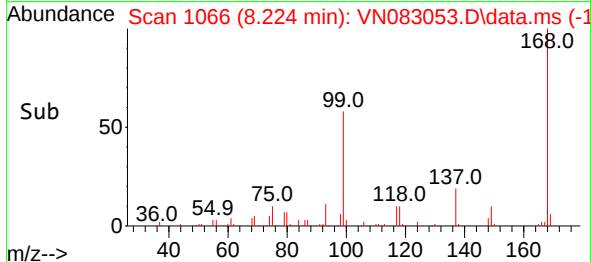
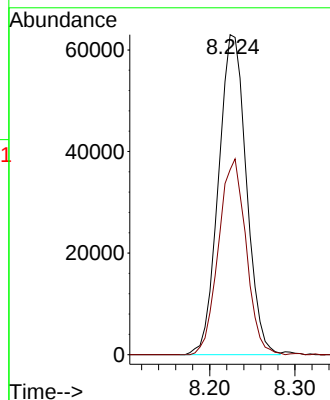
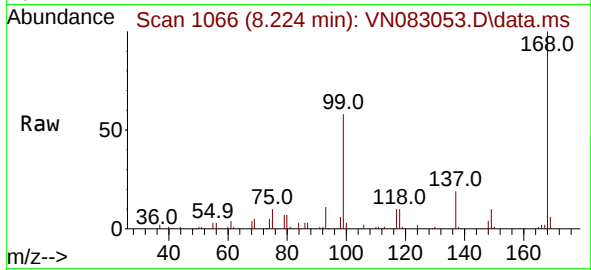




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083053.D
Acq: 26 Jul 2024 15:47

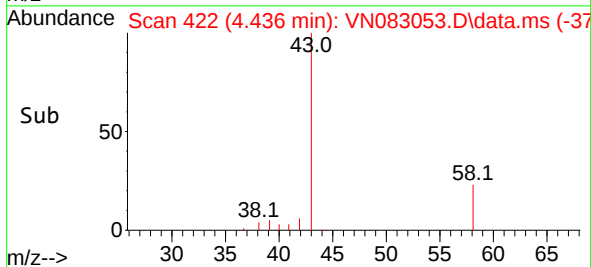
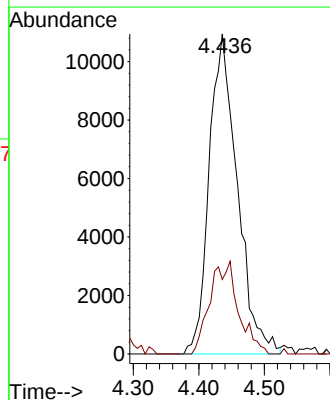
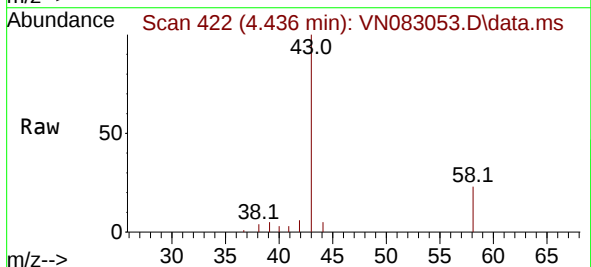
Instrument :
MSVOA_N
ClientSampleId :
PB162268TB

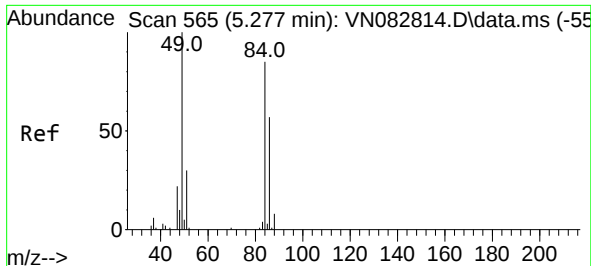
Tgt Ion:168 Resp: 143144
Ion Ratio Lower Upper
168 100
99 57.8 48.2 72.4



#16
Acetone
Concen: 46.243 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083053.D
Acq: 26 Jul 2024 15:47

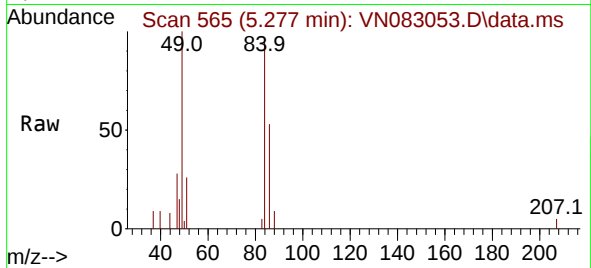
Tgt Ion: 43 Resp: 32669
Ion Ratio Lower Upper
43 100
58 23.3 21.8 32.6



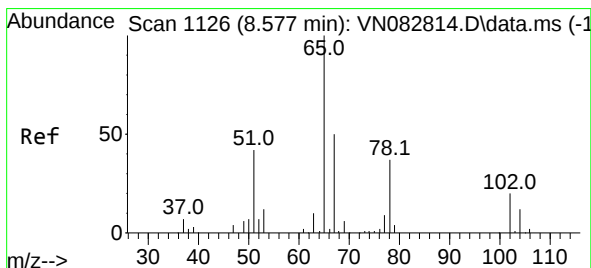
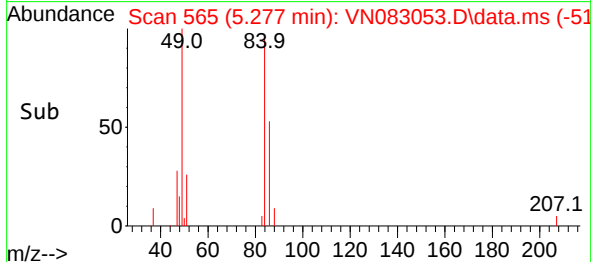
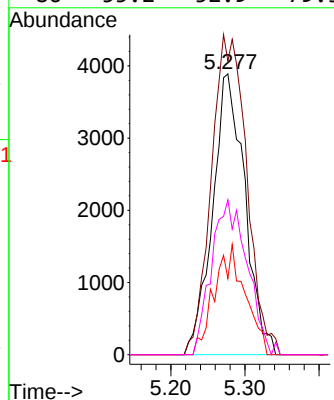


#20
Methylene Chloride
Concen: 6.895 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083053.D
Acq: 26 Jul 2024 15:47

Instrument :
MSVOA_N
ClientSampleId :
PB162268TB

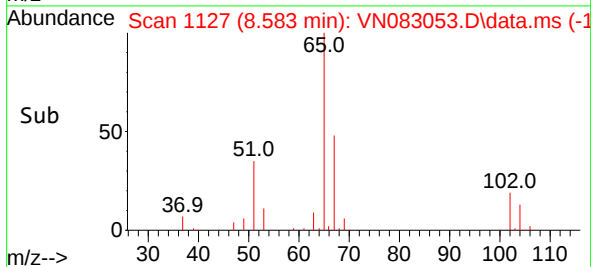
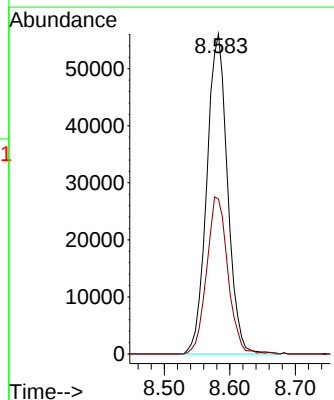
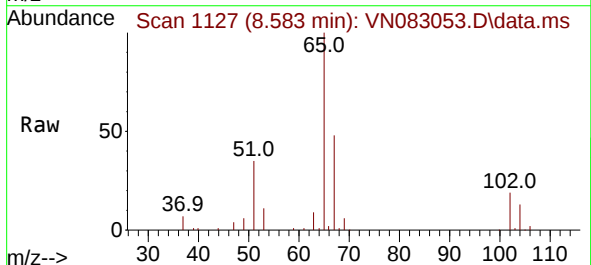


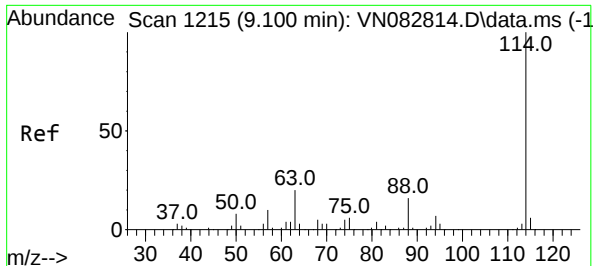
Tgt Ion:	84	Resp:	11764
Ion	Ratio	Lower	Upper
84	100		
49	104.5	119.6	179.4#
51	27.1	34.8	52.2#
86	55.2	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 61.463 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083053.D
Acq: 26 Jul 2024 15:47

Tgt Ion:	65	Resp:	123330
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083053.D

Acq: 26 Jul 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :

PB162268TB

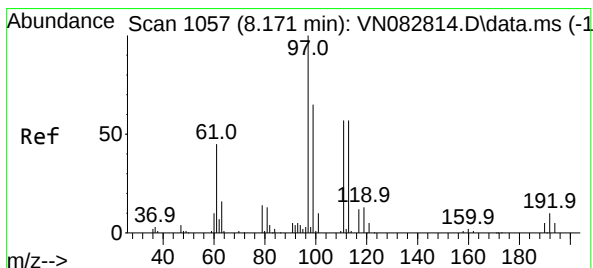
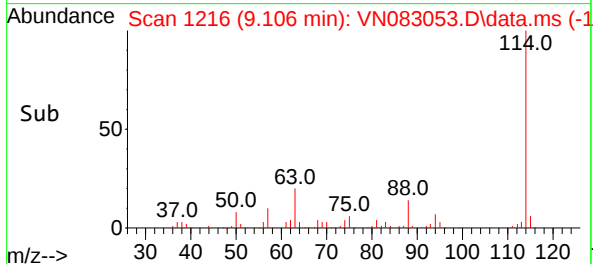
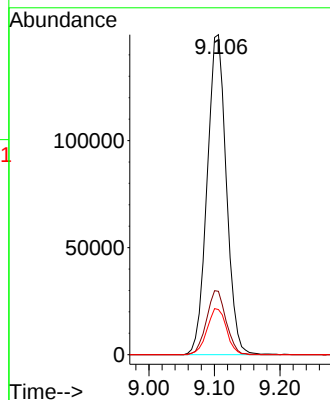
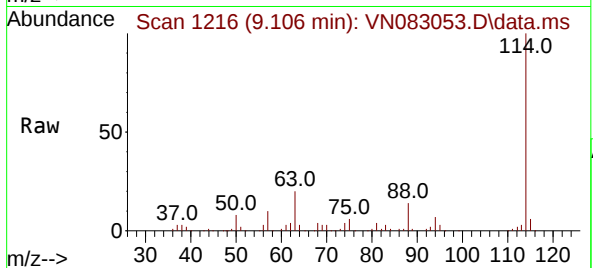
Tgt Ion:114 Resp: 304215

Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.6

88 14.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.739 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083053.D

Acq: 26 Jul 2024 15:47

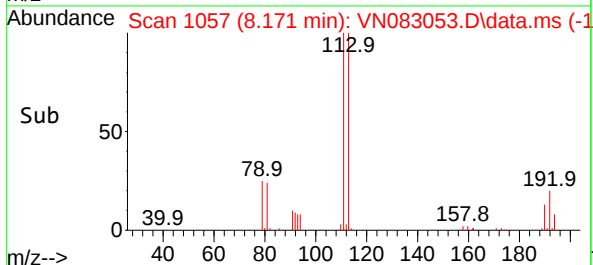
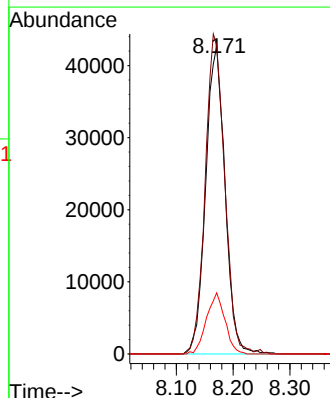
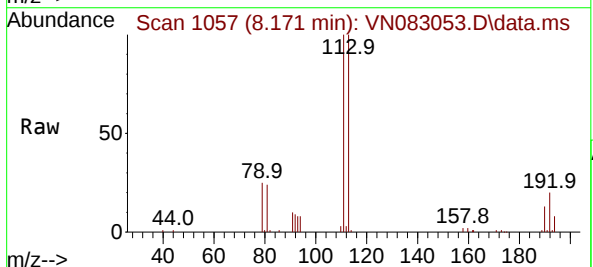
Tgt Ion:113 Resp: 100998

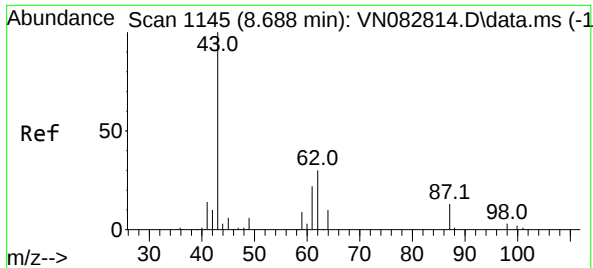
Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 18.9 14.9 22.3

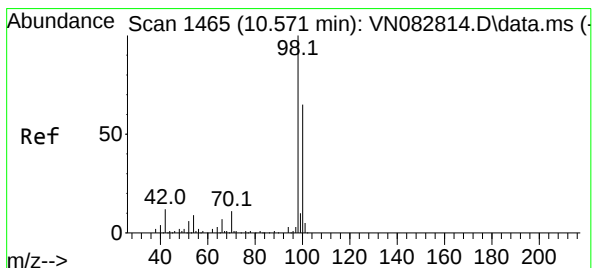
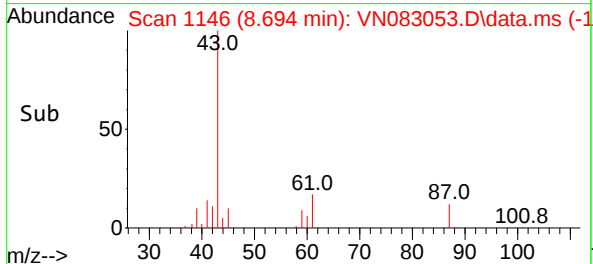
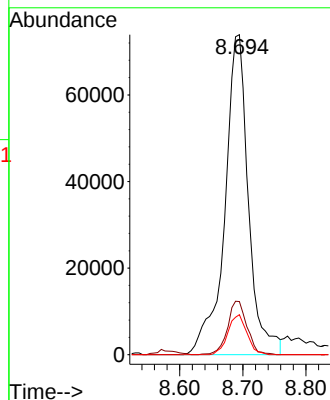
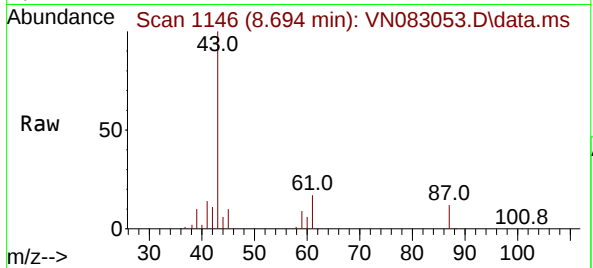




#43
Isopropyl Acetate
Concen: 36.432 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083053.D
Acq: 26 Jul 2024 15:47

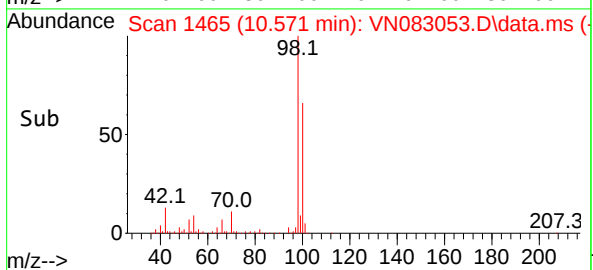
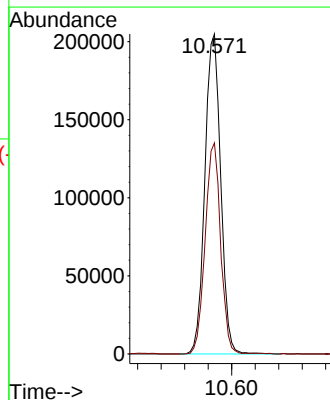
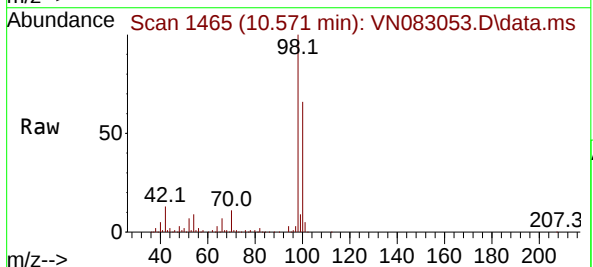
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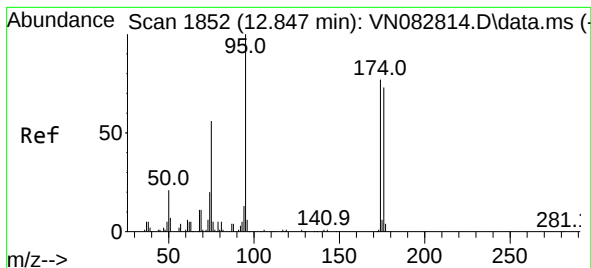
Tgt Ion: 43 Resp: 192389
Ion Ratio Lower Upper
43 100
61 13.8 17.8 26.6#
87 10.0 8.2 12.2



#50
Toluene-d8
Concen: 53.156 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083053.D
Acq: 26 Jul 2024 15:47

Tgt Ion: 98 Resp: 383253
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

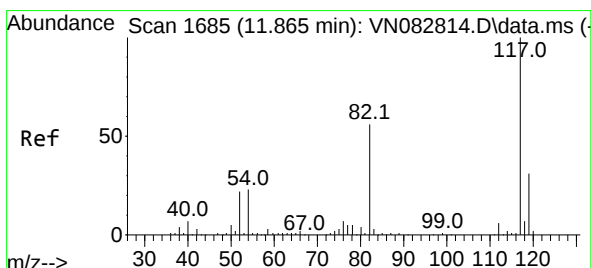
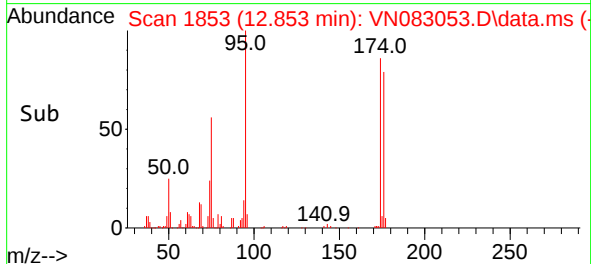
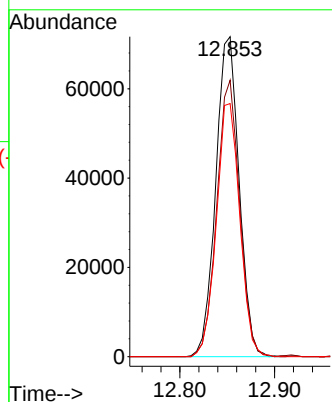
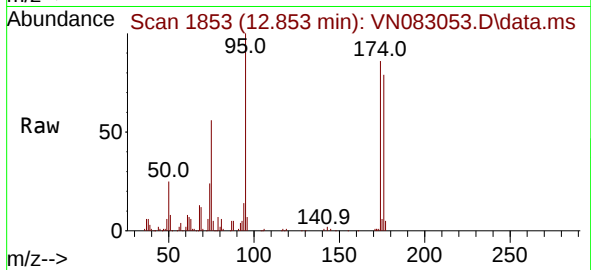




#62
4-Bromofluorobenzene
Concen: 47.483 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083053.D
Acq: 26 Jul 2024 15:47

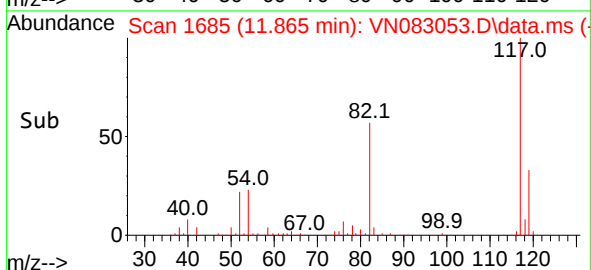
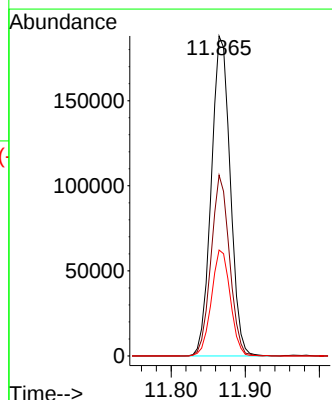
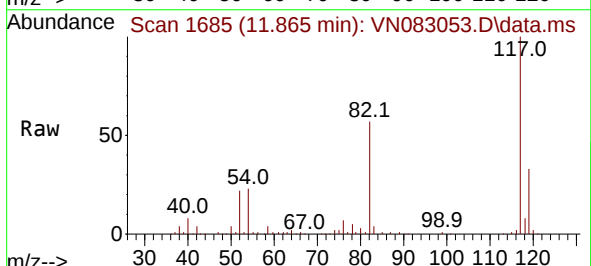
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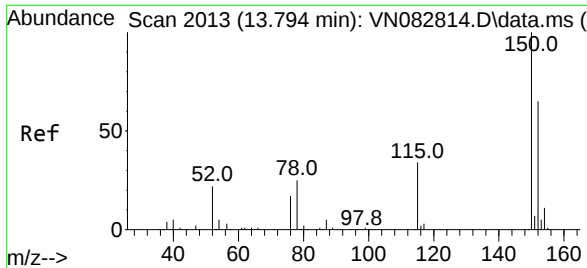
Tgt Ion: 95 Resp: 122975
Ion Ratio Lower Upper
95 100
174 84.3 0.0 159.2
176 79.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083053.D
Acq: 26 Jul 2024 15:47

Tgt Ion: 117 Resp: 333233
Ion Ratio Lower Upper
117 100
82 56.5 47.5 71.3
119 33.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083053.D
 Acq: 26 Jul 2024 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162268TB

Tgt Ion:152 Resp: 120877
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.6 91.6
 150 159.8 0.0 348.6

