

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083075.D
 Acq On : 30 Jul 2024 18:15
 Operator : JC\MD
 Sample : PB162324ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162324ZHE#05

Quant Time: Jul 31 06:06:20 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)

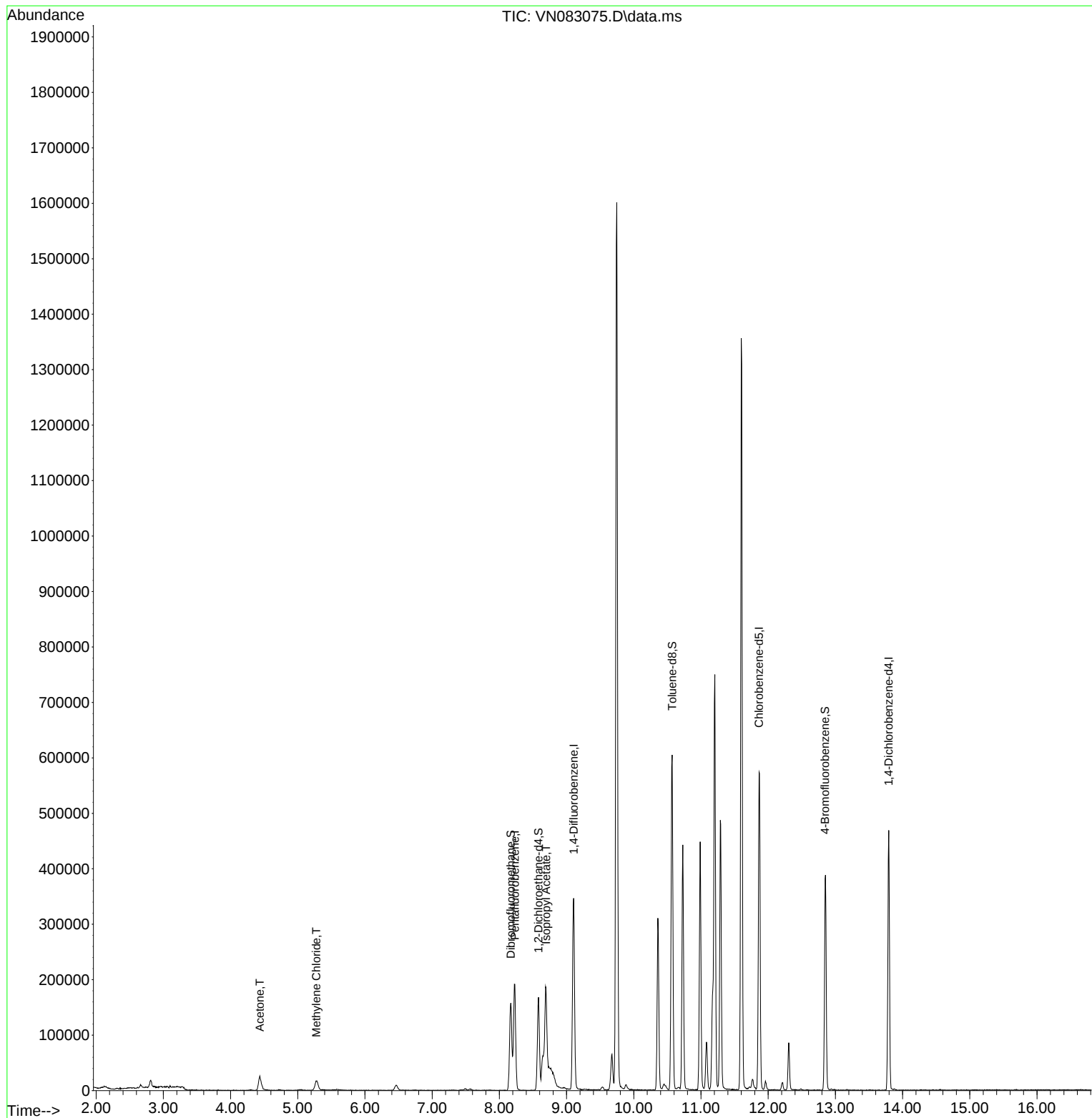
Internal Standards						
1) Pentafluorobenzene	8.229	168	132536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133103	71.642	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 143.280%#	
35) Dibromofluoromethane	8.171	113	113103	60.821	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 121.640%	
50) Toluene-d8	10.570	98	407982	59.399	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 118.800%#	
62) 4-Bromofluorobenzene	12.847	95	120865	48.988	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.980%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	47445	72.533	ug/l	98
20) Methylene Chloride	5.277	84	13928	8.817	ug/l #	73
43) Isopropyl Acetate	8.694	43	275100	56.264	ug/l #	82

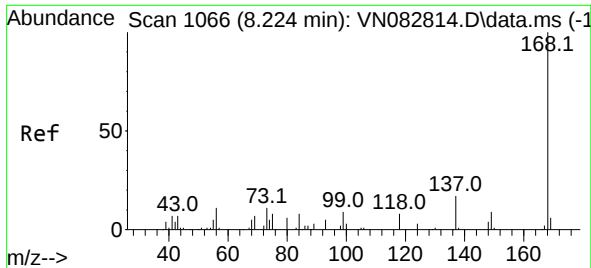
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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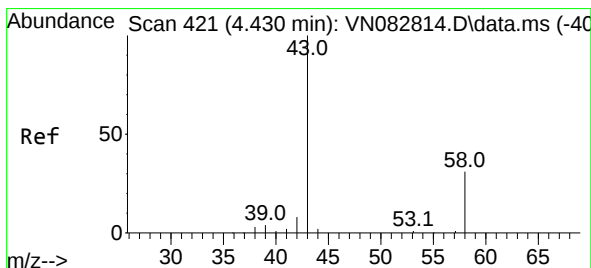
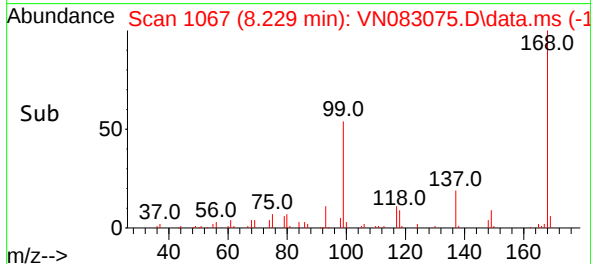
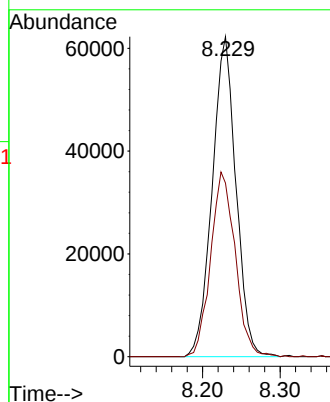
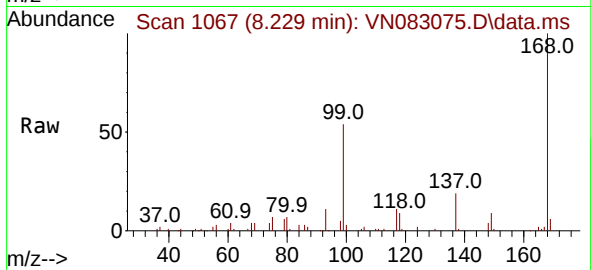




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN083075.D
Acq: 30 Jul 2024 18:15

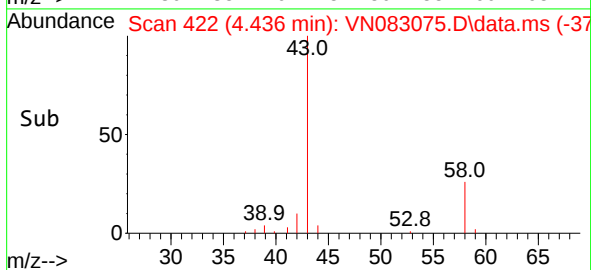
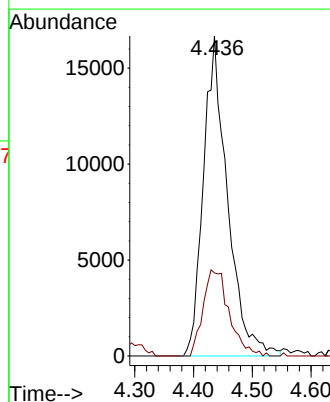
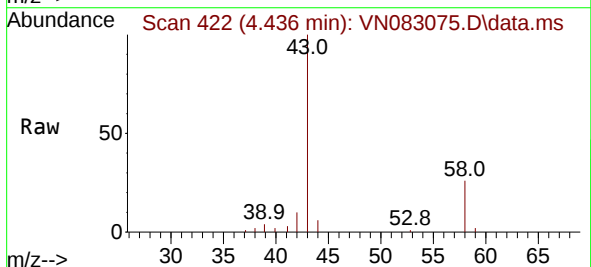
Instrument :
MSVOA_N
ClientSampleId :
PB162324ZHE#05

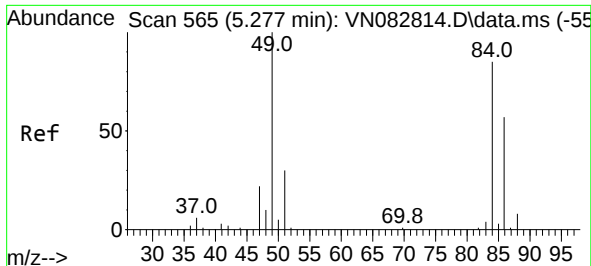
Tgt Ion:168 Resp: 132536
Ion Ratio Lower Upper
168 100
99 54.2 48.2 72.4



#16
Acetone
Concen: 72.533 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083075.D
Acq: 30 Jul 2024 18:15

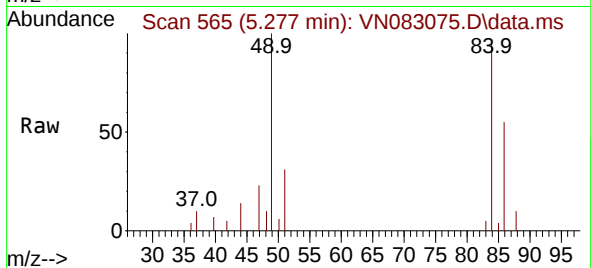
Tgt Ion: 43 Resp: 47445
Ion Ratio Lower Upper
43 100
58 25.9 21.8 32.6



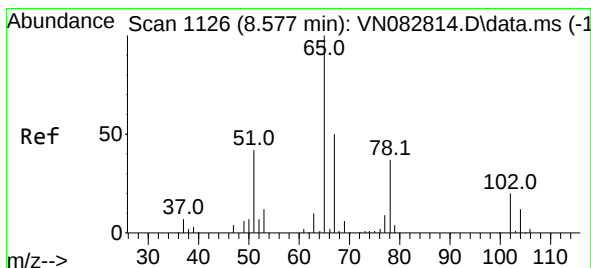
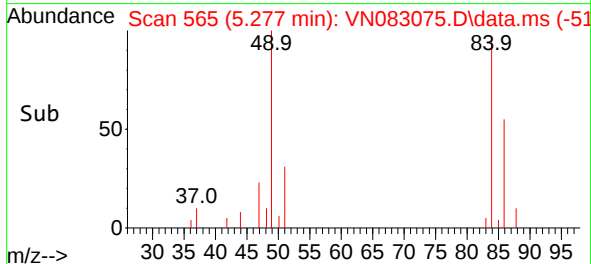
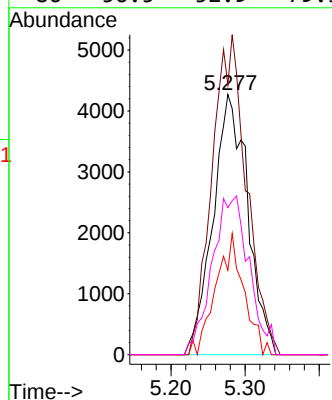


#20
Methylene Chloride
Concen: 8.817 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083075.D
Acq: 30 Jul 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :
PB162324ZHE#05

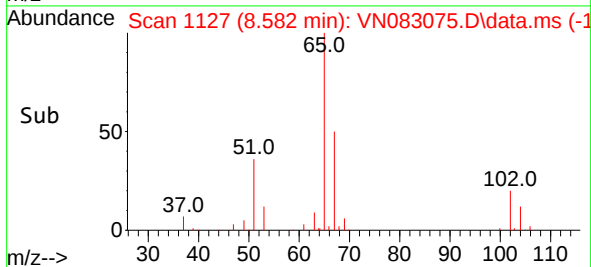
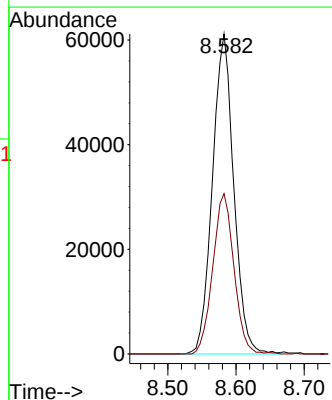
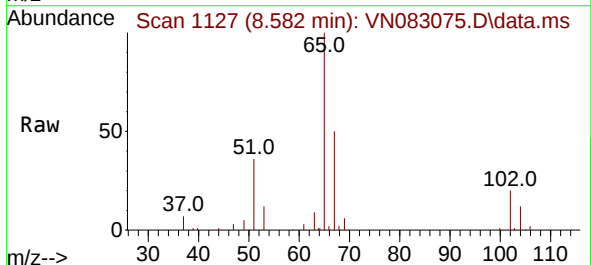


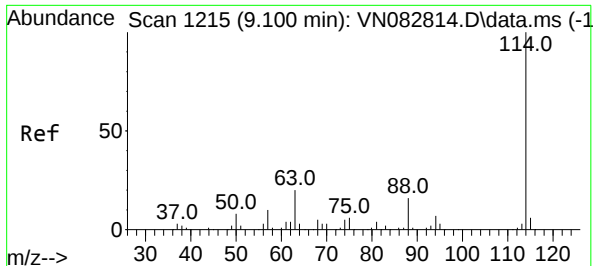
Tgt Ion:	84	Resp:	13928
Ion	Ratio	Lower	Upper
84	100		
49	103.7	119.6	179.4#
51	32.4	34.8	52.2#
86	56.5	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 71.642 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083075.D
Acq: 30 Jul 2024 18:15

Tgt Ion:	65	Resp:	133103
Ion	Ratio	Lower	Upper
65	100		
67	49.8	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: VN083075.D

Acq: 30 Jul 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

PB162324ZHE#05

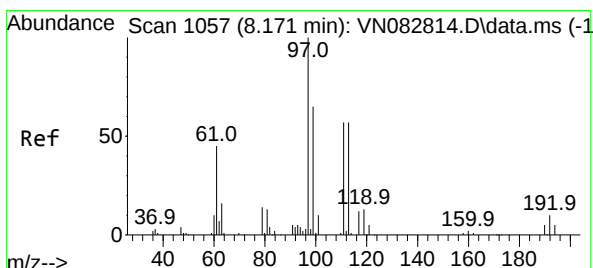
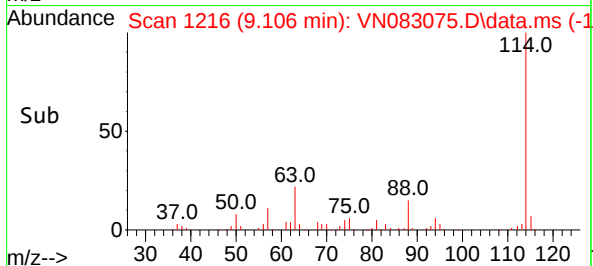
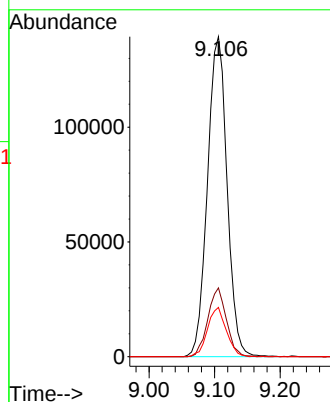
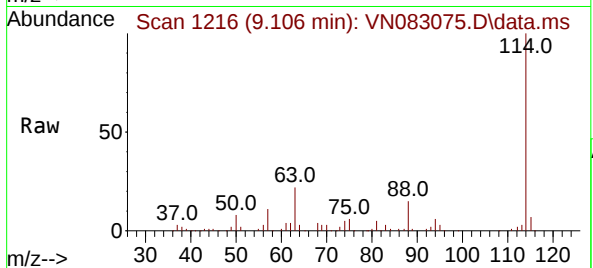
Tgt Ion:114 Resp: 289807

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 60.821 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083075.D

Acq: 30 Jul 2024 18:15

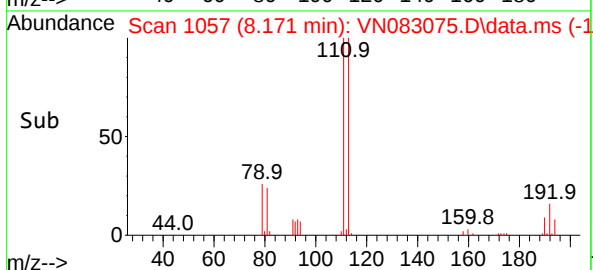
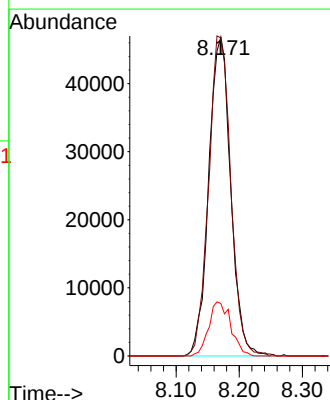
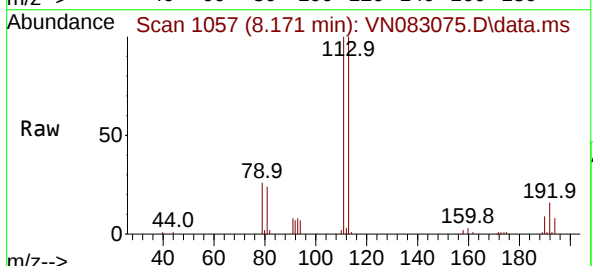
Tgt Ion:113 Resp: 113103

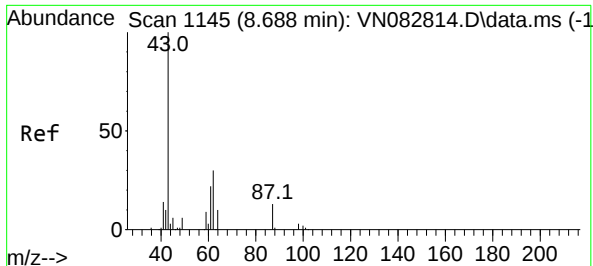
Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

192 17.1 14.9 22.3

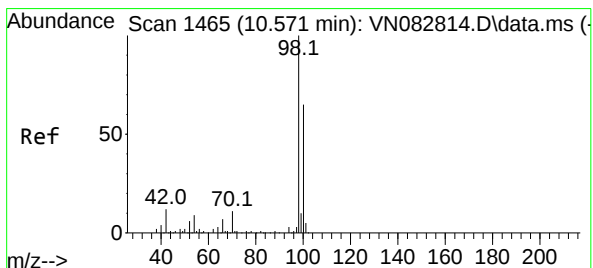
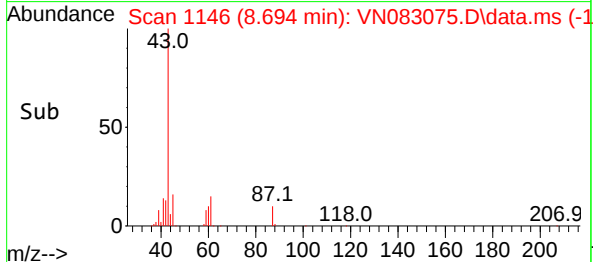
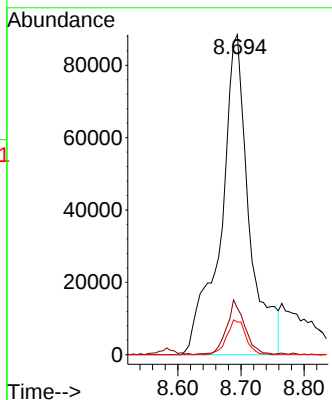
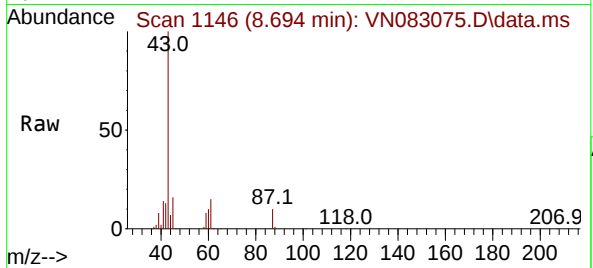




#43
Isopropyl Acetate
Concen: 56.264 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083075.D
Acq: 30 Jul 2024 18:15

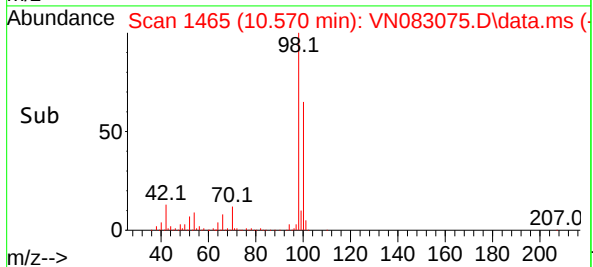
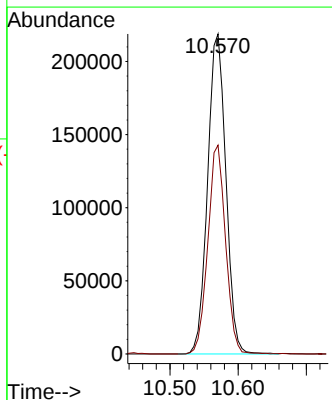
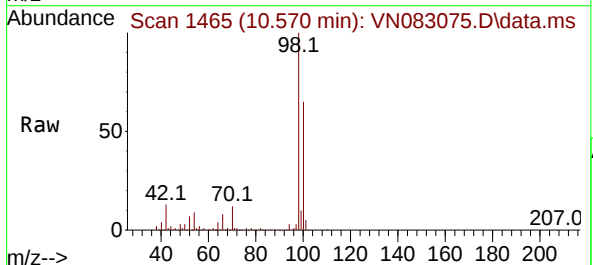
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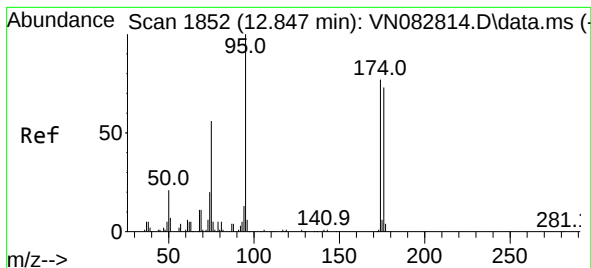
Tgt Ion: 43 Resp: 275100
Ion Ratio Lower Upper
43 100
61 11.0 17.8 26.6#
87 7.3 8.2 12.2#



#50
Toluene-d8
Concen: 59.399 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN083075.D
Acq: 30 Jul 2024 18:15

Tgt Ion: 98 Resp: 407982
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3

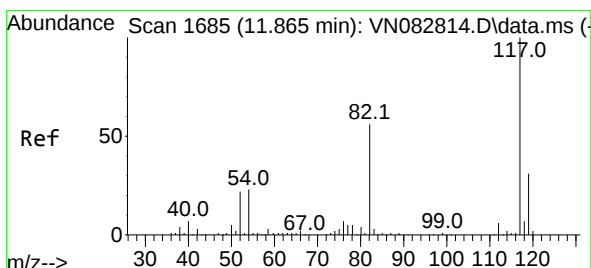
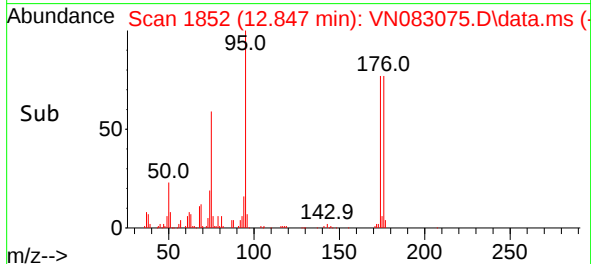
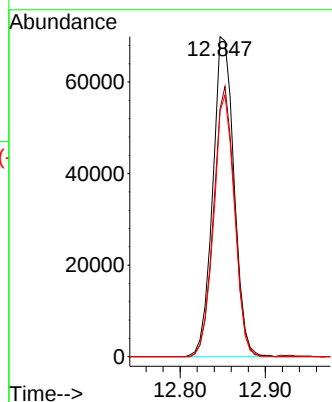
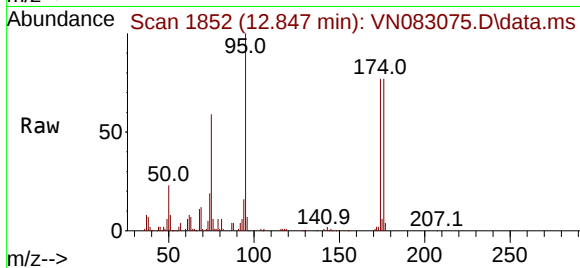




#62
4-Bromofluorobenzene
Concen: 48.988 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083075.D
Acq: 30 Jul 2024 18:15

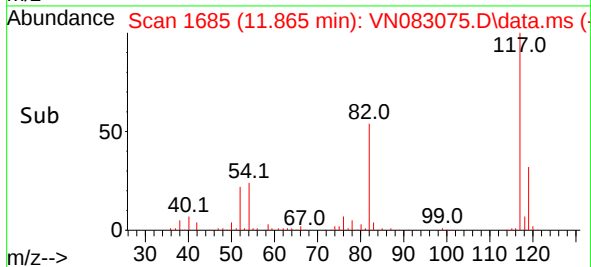
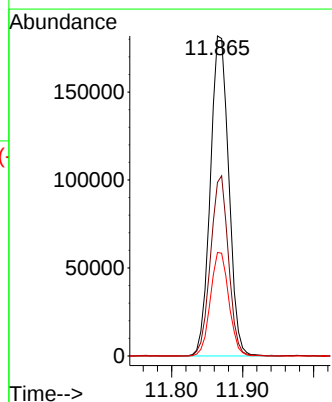
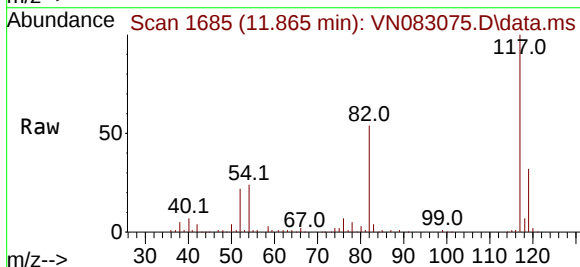
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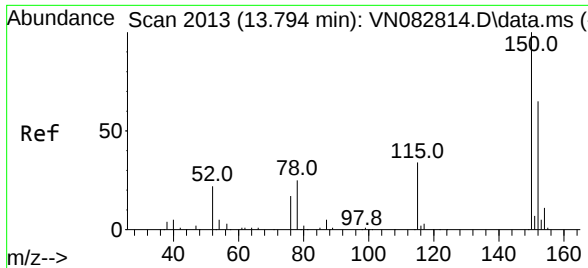
Tgt Ion: 95 Resp: 120865
Ion Ratio Lower Upper
95 100
174 83.6 0.0 159.2
176 80.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083075.D
Acq: 30 Jul 2024 18:15

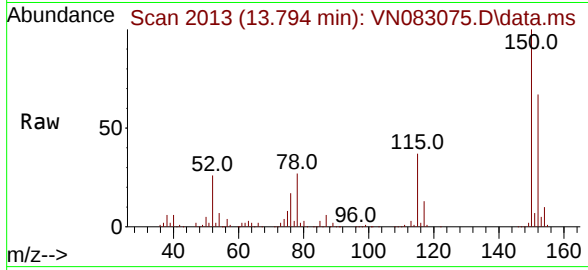
Tgt Ion: 117 Resp: 327646
Ion Ratio Lower Upper
117 100
82 54.3 47.5 71.3
119 32.3 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083075.D
Acq: 30 Jul 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :
PB162324ZHE#05



Tgt Ion:152 Resp: 120289
Ion Ratio Lower Upper
152 100
115 59.0 30.6 91.6
150 154.9 0.0 348.6

