

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083069.D
 Acq On : 30 Jul 2024 15:49
 Operator : JC\MD
 Sample : PB162324TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162324TB

Quant Time: Jul 31 06:02:39 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)

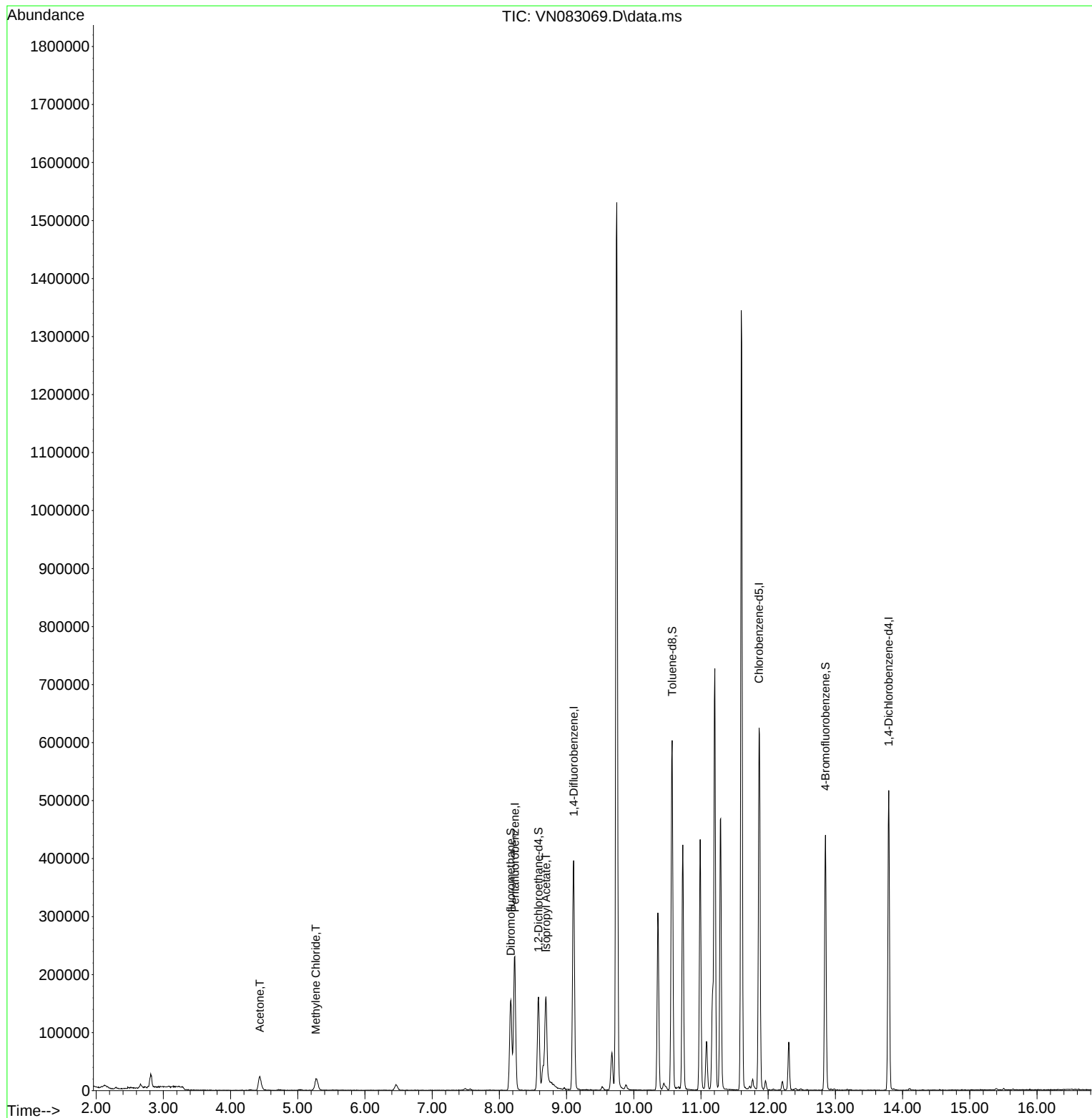
Internal Standards						
1) Pentafluorobenzene	8.229	168	155319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	325618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	357365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130282	59.838	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.680%	
35) Dibromofluoromethane	8.171	113	109347	52.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.660%	
50) Toluene-d8	10.570	98	402517	52.159	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	12.853	95	136053	49.080	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.160%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	45439	59.277	ug/l	97
20) Methylene Chloride	5.271	84	15977	8.630	ug/l #	81
43) Isopropyl Acetate	8.694	43	228766	40.822	ug/l #	85

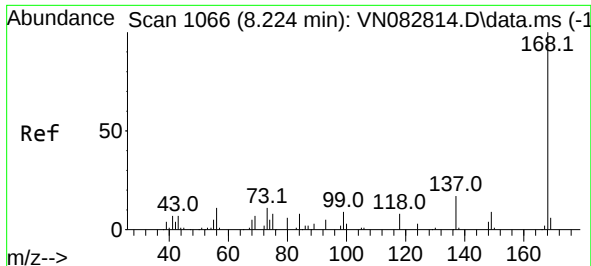
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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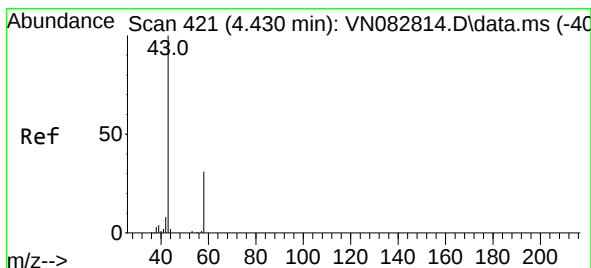
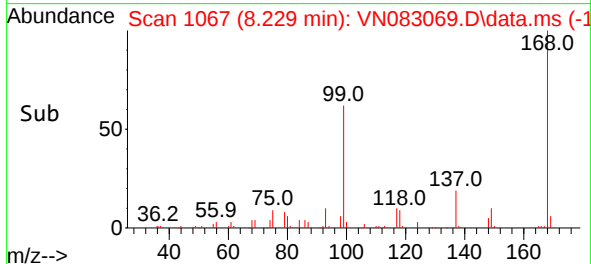
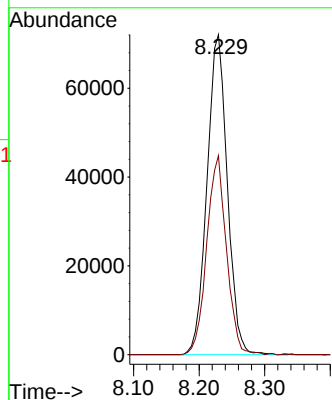
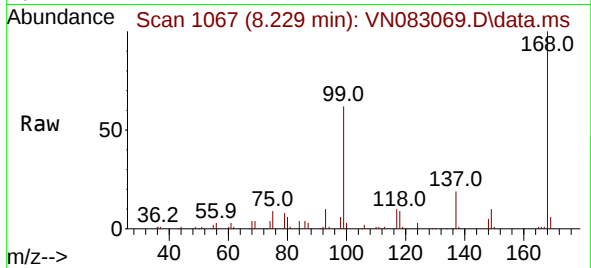




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN083069.D
Acq: 30 Jul 2024 15:49

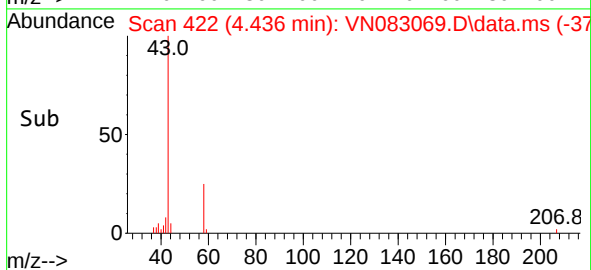
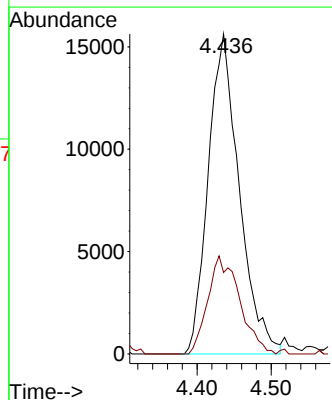
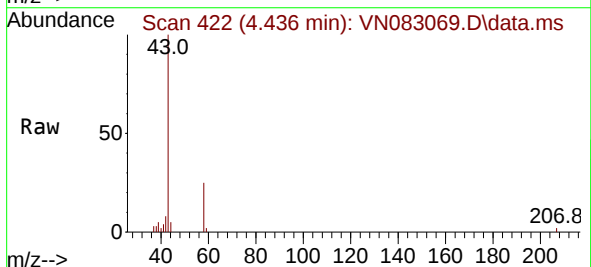
Instrument :
MSVOA_N
ClientSampleId :
PB162324TB

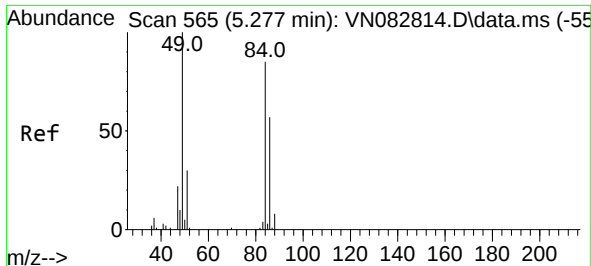
Tgt Ion:168 Resp: 155319
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#16
Acetone
Concen: 59.277 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083069.D
Acq: 30 Jul 2024 15:49

Tgt Ion: 43 Resp: 45439
Ion Ratio Lower Upper
43 100
58 25.4 21.8 32.6





#20

Methylene Chloride

Concen: 8.630 ug/l

RT: 5.271 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN083069.D

Acq: 30 Jul 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

PB162324TB

Tgt Ion: 84 Resp: 15977

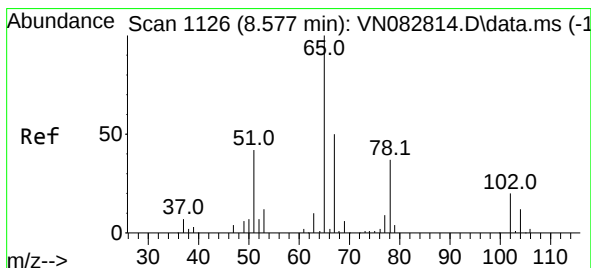
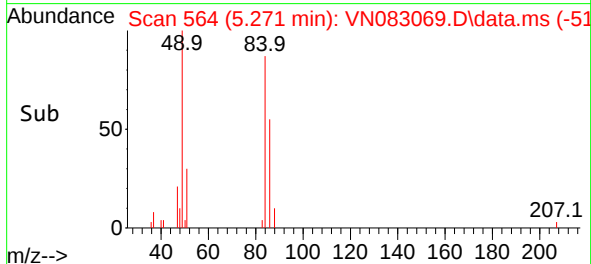
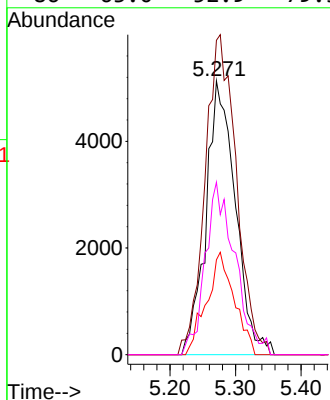
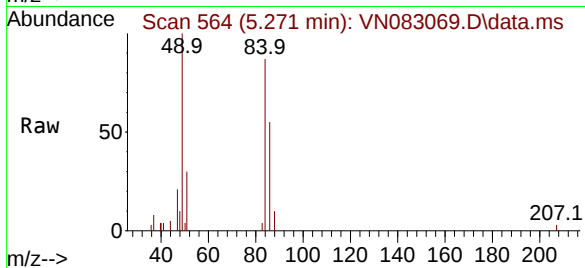
Ion Ratio Lower Upper

84 100

49 114.8 119.6 179.4#

51 34.7 34.8 52.2#

86 63.0 52.9 79.3



#33

1,2-Dichloroethane-d4

Concen: 59.838 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083069.D

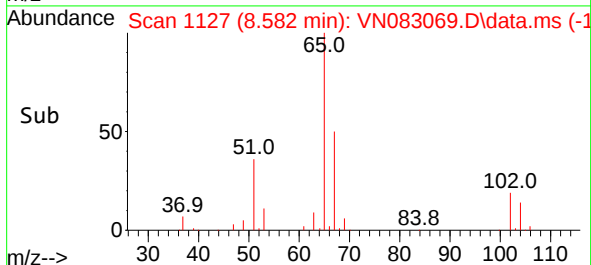
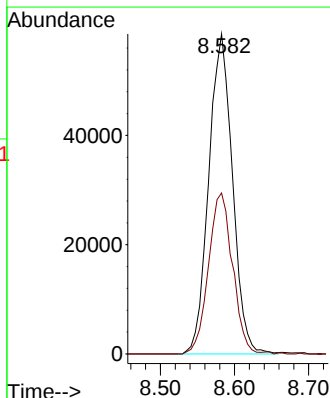
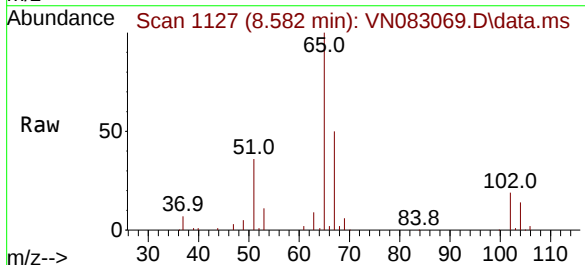
Acq: 30 Jul 2024 15:49

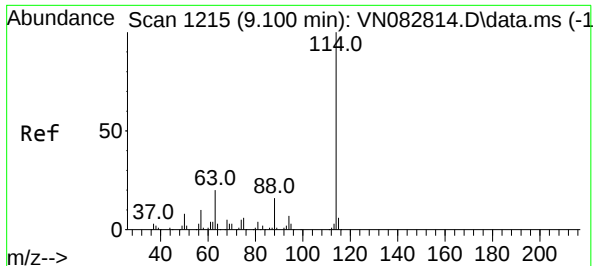
Tgt Ion: 65 Resp: 130282

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.4

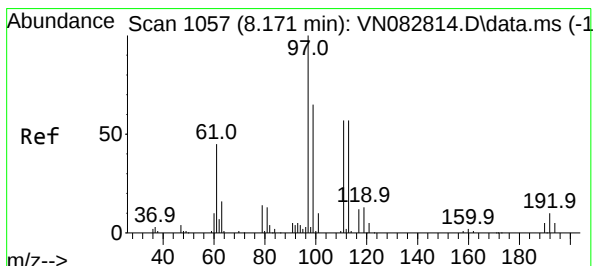
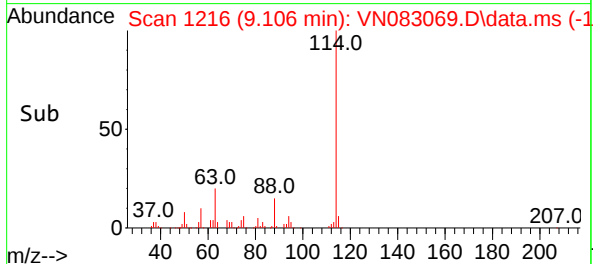
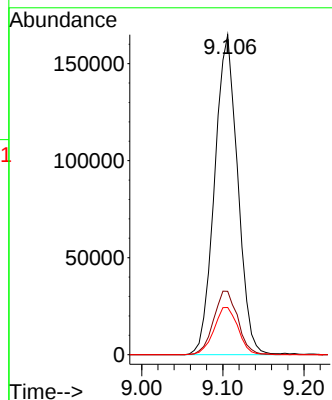
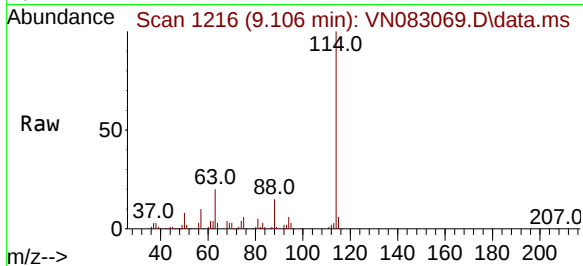




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083069.D
Acq: 30 Jul 2024 15:49

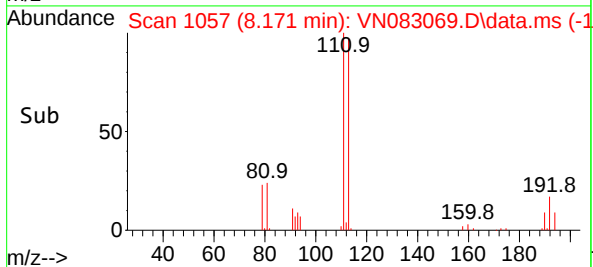
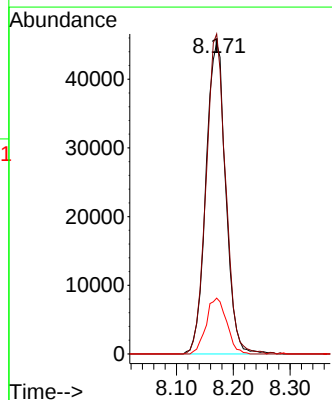
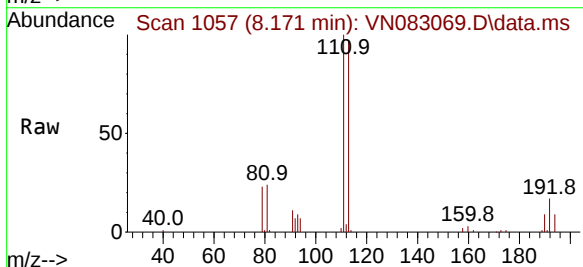
Instrument :
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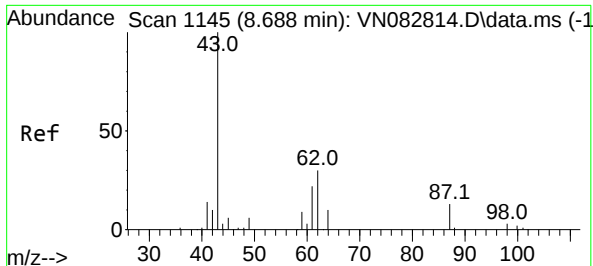
Tgt Ion:114 Resp: 325618
Ion Ratio Lower Upper
114 100
63 19.8 0.0 44.6
88 14.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.334 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083069.D
Acq: 30 Jul 2024 15:49

Tgt Ion:113 Resp: 109347
Ion Ratio Lower Upper
113 100
111 101.0 82.4 123.6
192 18.6 14.9 22.3

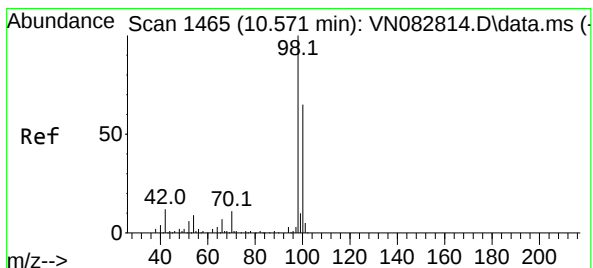
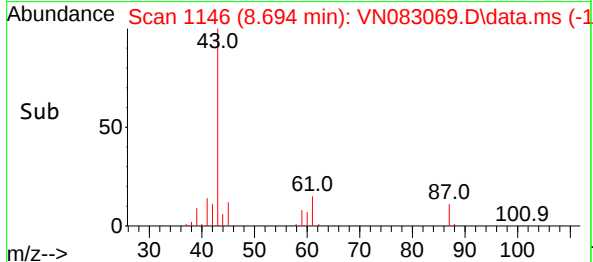
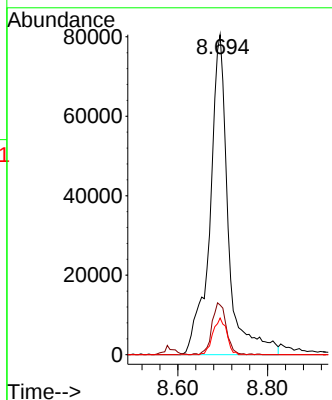
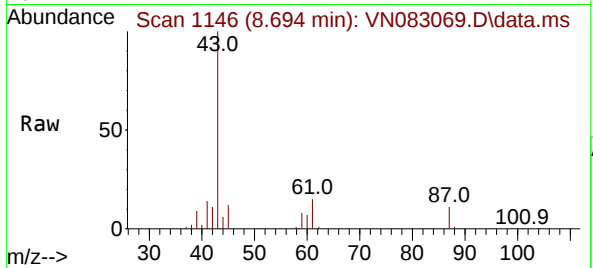




#43
Isopropyl Acetate
Concen: 40.822 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083069.D
Acq: 30 Jul 2024 15:49

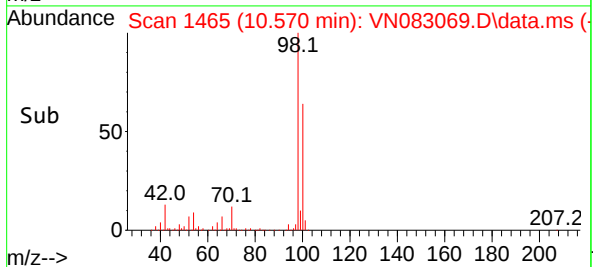
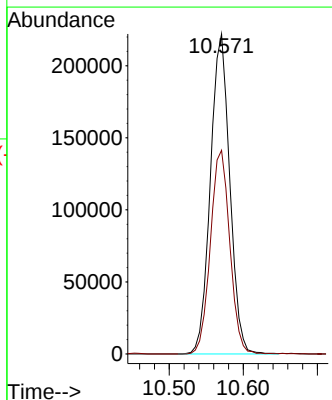
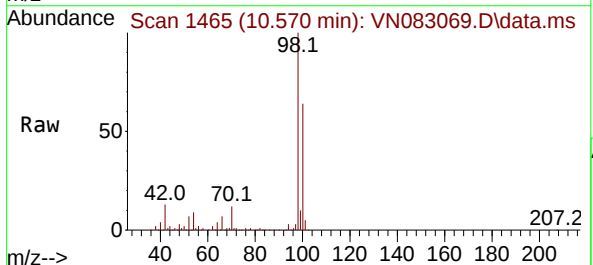
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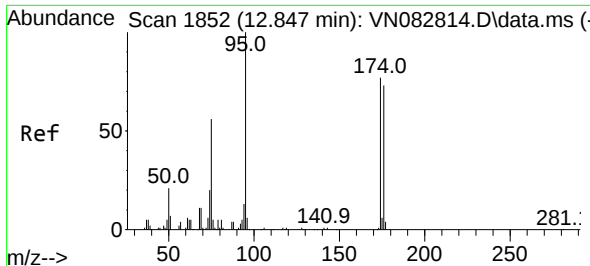
Tgt Ion: 43 Resp: 228766
Ion Ratio Lower Upper
43 100
61 12.6 17.8 26.6#
87 8.6 8.2 12.2



#50
Toluene-d8
Concen: 52.159 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN083069.D
Acq: 30 Jul 2024 15:49

Tgt Ion: 98 Resp: 402517
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3

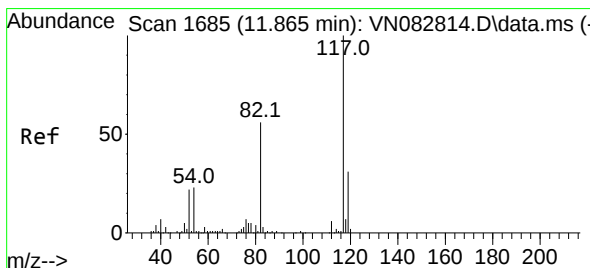
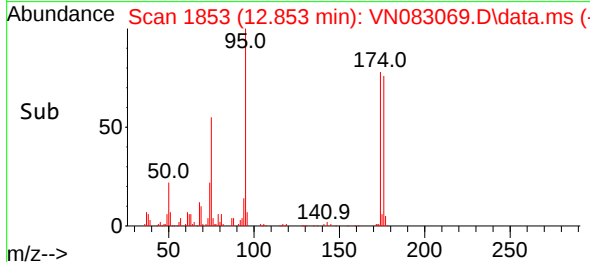
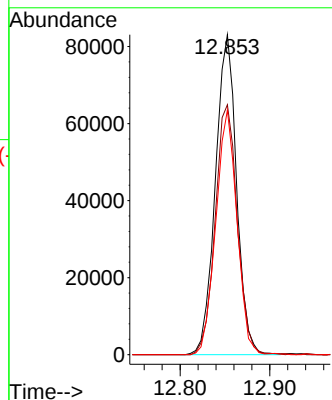
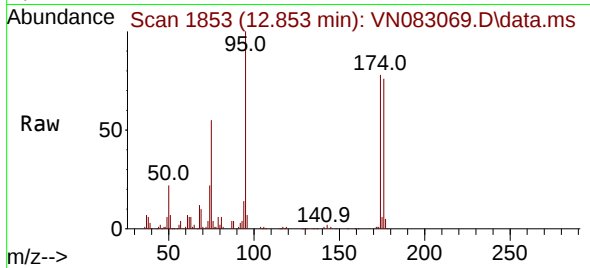




#62
4-Bromofluorobenzene
Concen: 49.080 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083069.D
Acq: 30 Jul 2024 15:49

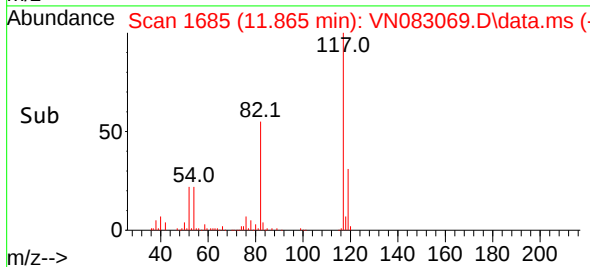
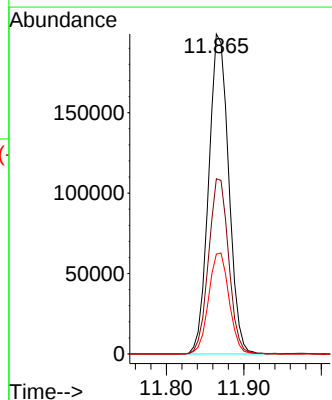
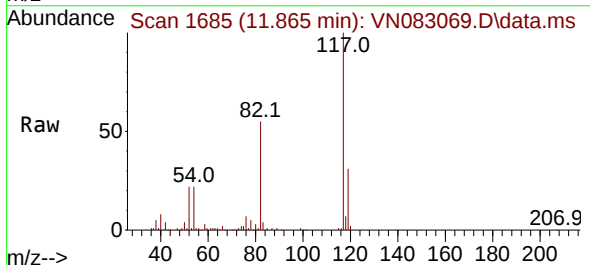
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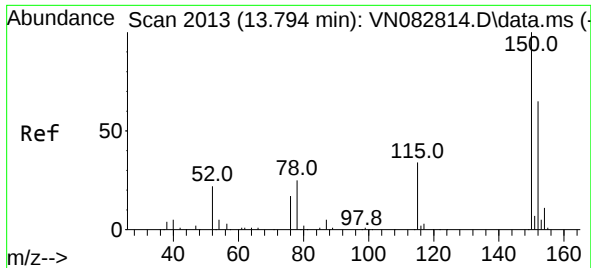
Tgt Ion: 95 Resp: 136053
Ion Ratio Lower Upper
95 100
174 81.7 0.0 159.2
176 76.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083069.D
Acq: 30 Jul 2024 15:49

Tgt Ion: 117 Resp: 357365
Ion Ratio Lower Upper
117 100
82 54.7 47.5 71.3
119 31.2 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: VN083069.D
 Acq: 30 Jul 2024 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162324TB

Tgt Ion:152 Resp: 133964
 Ion Ratio Lower Upper
 152 100
 115 58.7 30.6 91.6
 150 154.7 0.0 348.6

