

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080850.D
 Acq On : 31 Jan 2024 19:07
 Operator : JC\MD
 Sample : P1284-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1249

Quant Time: Jan 31 23:21:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

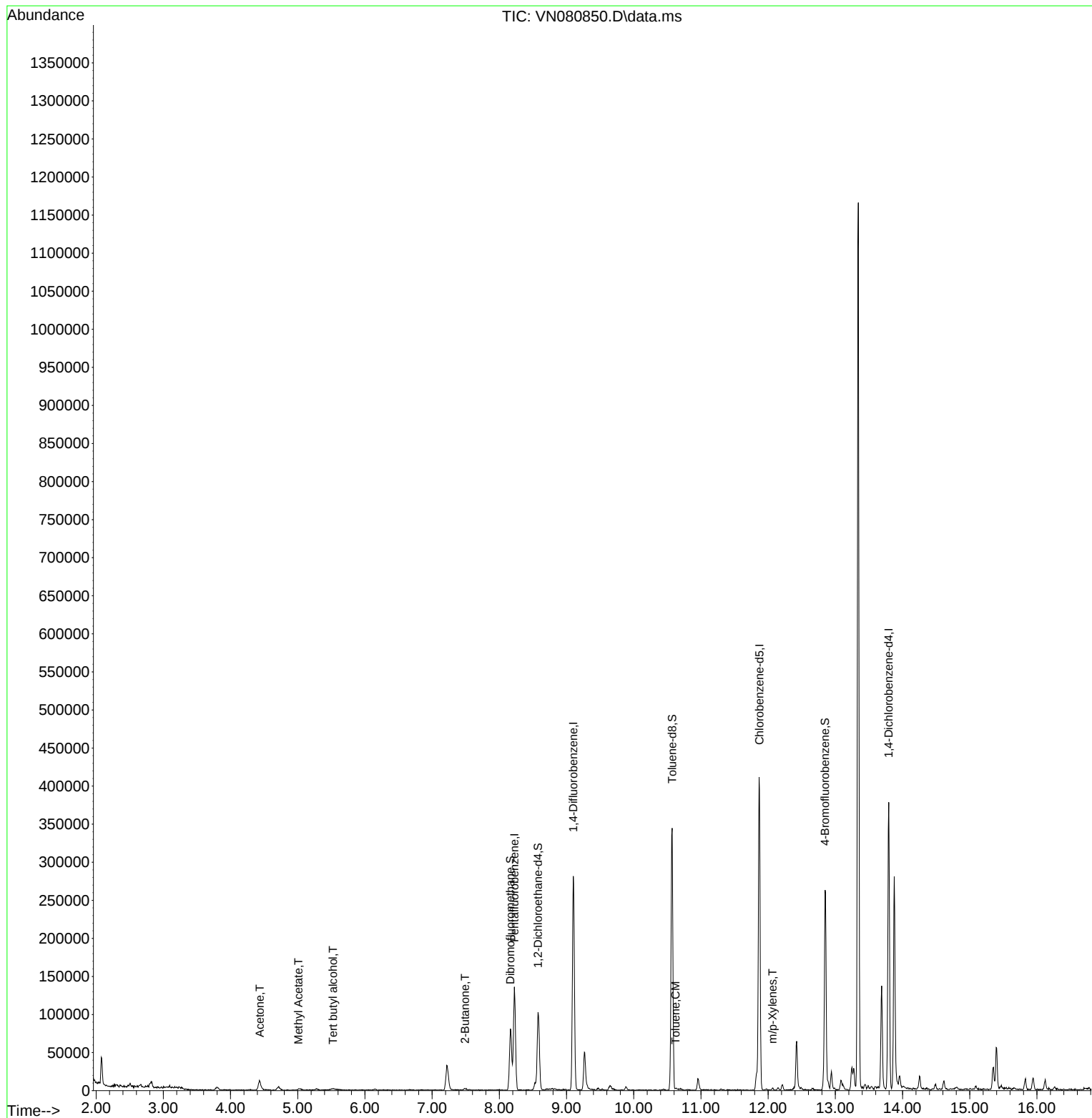
Internal Standards						
1) Pentafluorobenzene	8.224	168	82962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	204821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	206304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	81313	56.655	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.320%	
35) Dibromofluoromethane	8.165	113	55375	44.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 88.380%	
50) Toluene-d8	10.571	98	218240	44.497	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 89.000%	
62) 4-Bromofluorobenzene	12.847	95	85599	50.084	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.524	59	3222	13.772	ug/l #	76
16) Acetone	4.436	43	22275	42.794	ug/l	90
18) Methyl Acetate	5.012	43	4412	2.432	ug/l #	74
25) 2-Butanone	7.489	43	4306	4.355	ug/l	90
52) Toluene	10.624	92	967	0.246	ug/l	87
68) m/p-Xylenes	12.065	106	851	0.286	ug/l	90

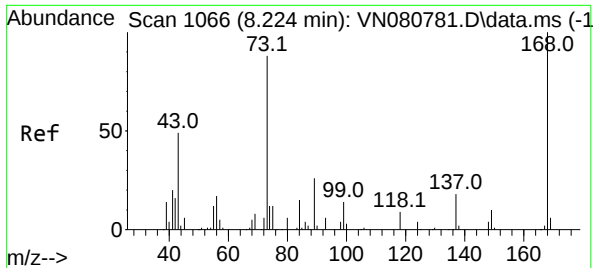
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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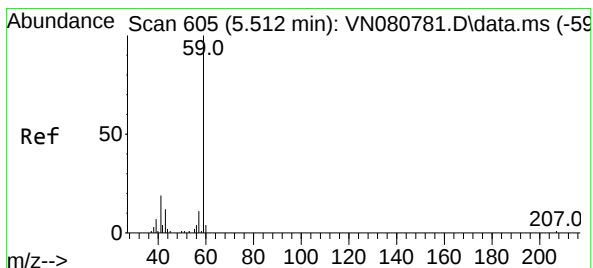
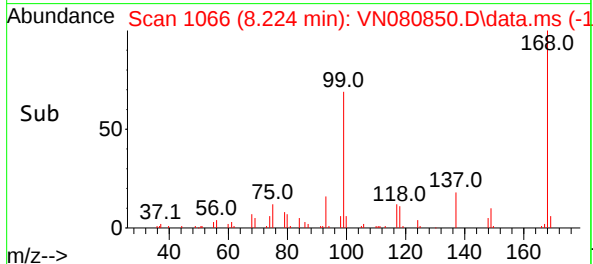
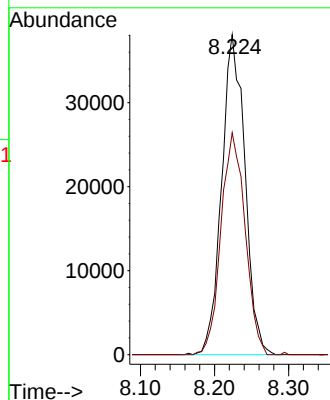
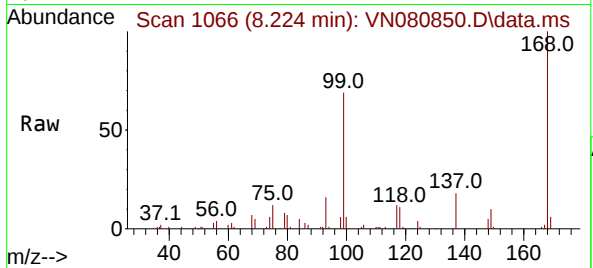




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080850.D
Acq: 31 Jan 2024 19:07

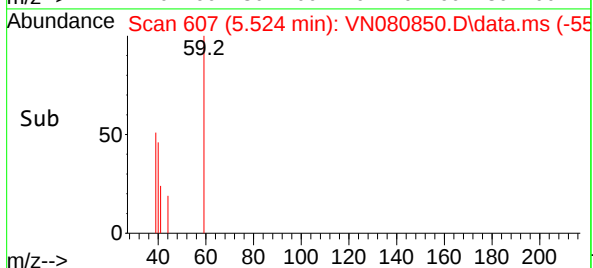
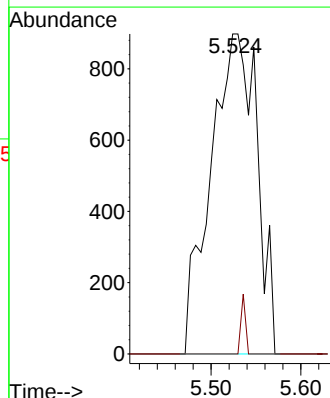
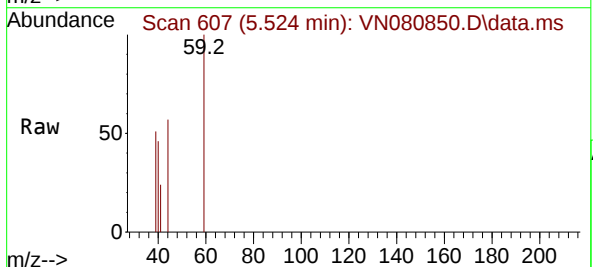
Instrument :
MSVOA_N
ClientSampleId :
1249

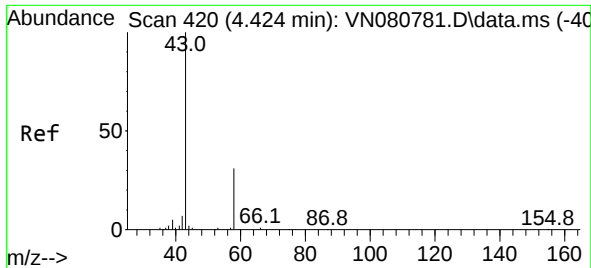
Tgt Ion:168 Resp: 82962
Ion Ratio Lower Upper
168 100
99 69.4 59.9 89.9



#11
Tert butyl alcohol
Concen: 13.772 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN080850.D
Acq: 31 Jan 2024 19:07

Tgt Ion: 59 Resp: 3222
Ion Ratio Lower Upper
59 100
57 1.8 8.6 12.8#

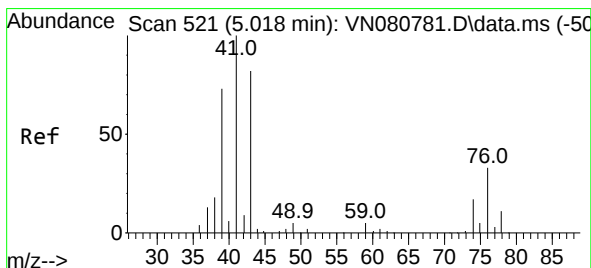
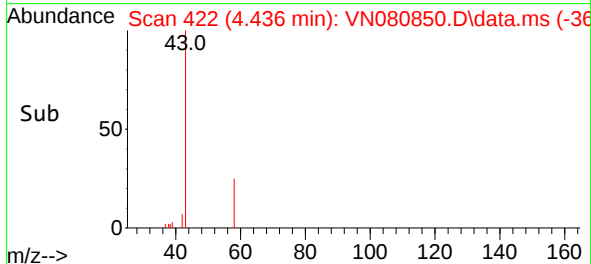
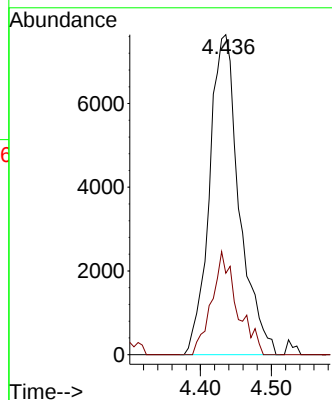
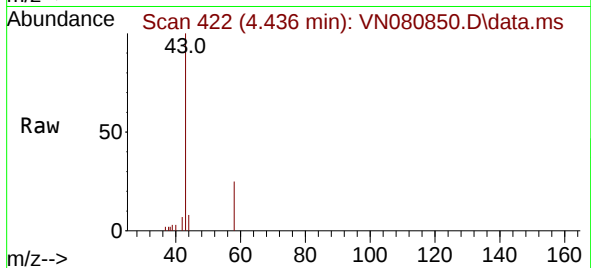




#16
Acetone
Concen: 42.794 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080850.D
Acq: 31 Jan 2024 19:07

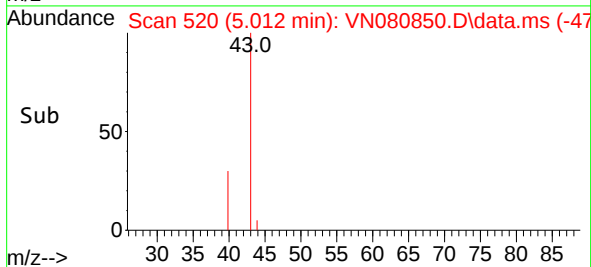
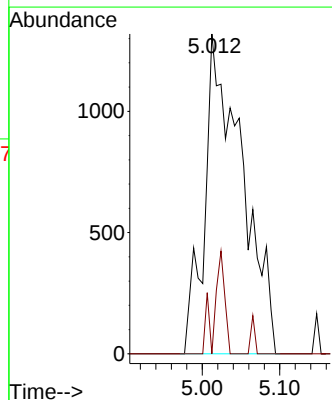
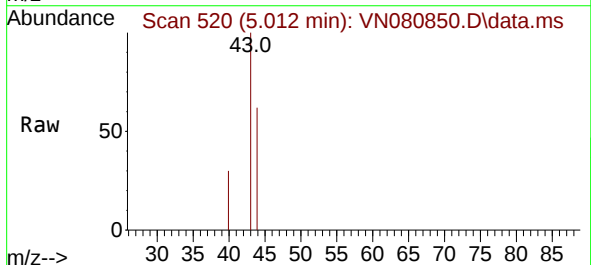
Instrument :
MSVOA_N
ClientSampleId :
1249

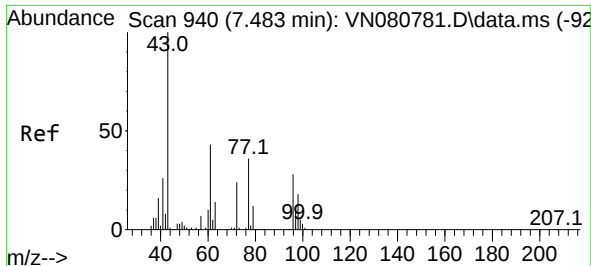
Tgt Ion: 43 Resp: 22275
Ion Ratio Lower Upper
43 100
58 25.5 24.8 37.2



#18
Methyl Acetate
Concen: 2.432 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN080850.D
Acq: 31 Jan 2024 19:07

Tgt Ion: 43 Resp: 4412
Ion Ratio Lower Upper
43 100
74 9.2 17.3 25.9#

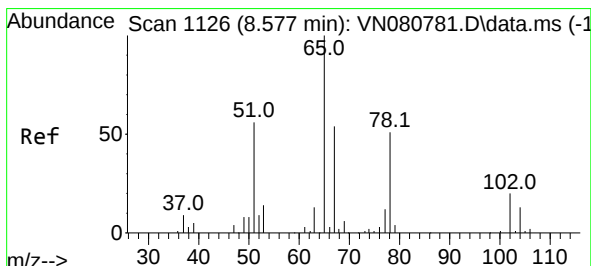
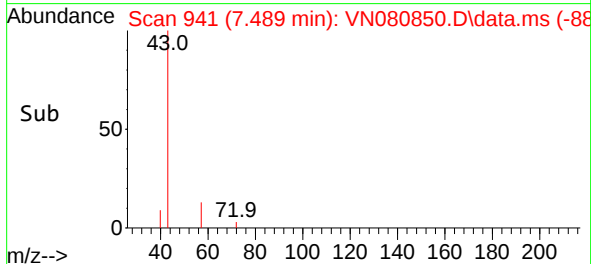
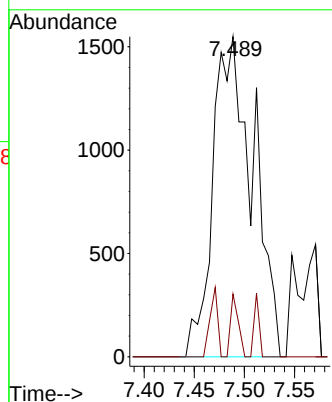
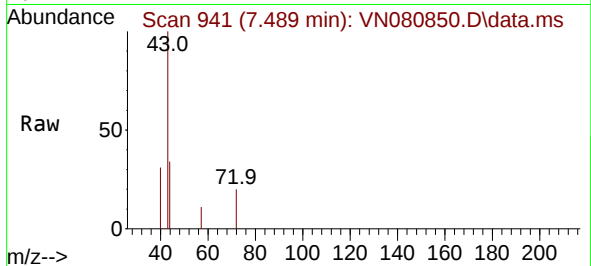




#25
2-Butanone
Concen: 4.355 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080850.D
Acq: 31 Jan 2024 19:07

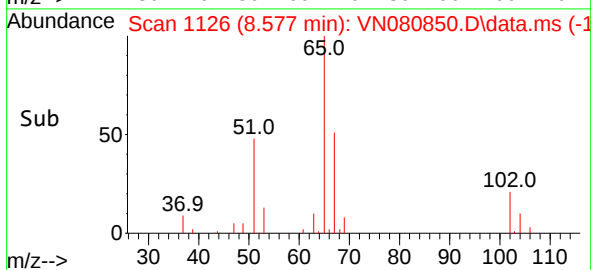
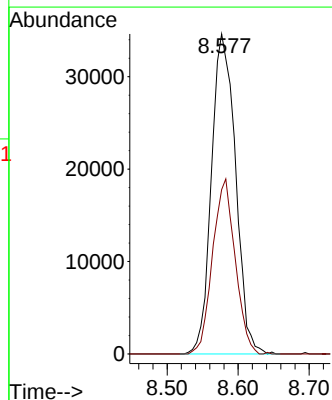
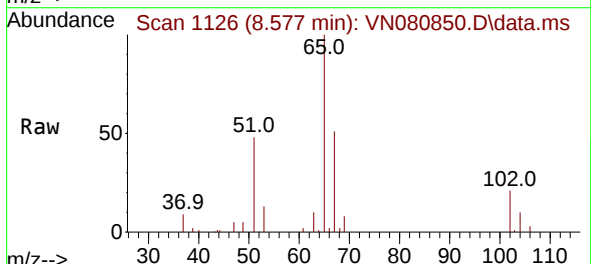
Instrument :
MSVOA_N
ClientSampleId :
1249

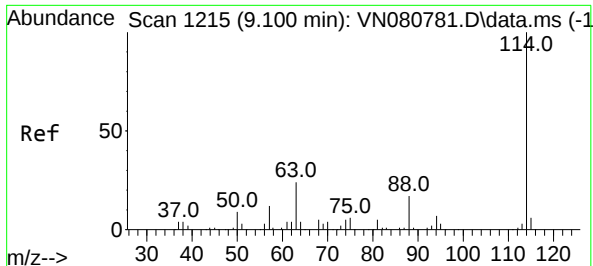
Tgt Ion: 43 Resp: 4306
Ion Ratio Lower Upper
43 100
72 19.6 19.5 29.3



#33
1,2-Dichloroethane-d4
Concen: 56.655 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080850.D
Acq: 31 Jan 2024 19:07

Tgt Ion: 65 Resp: 81313
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080850.D

Acq: 31 Jan 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

1249

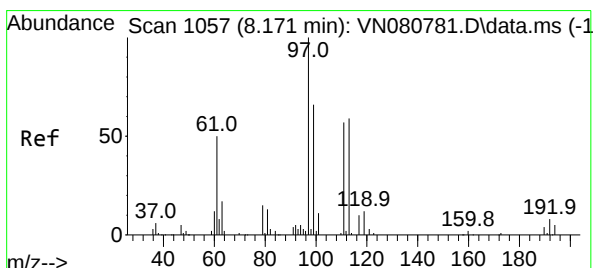
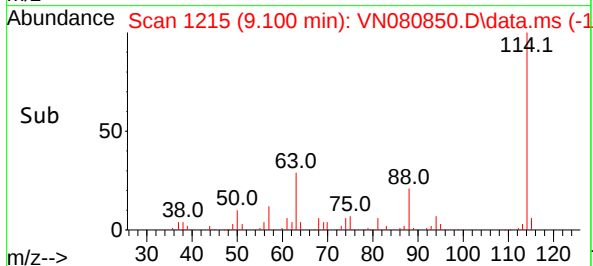
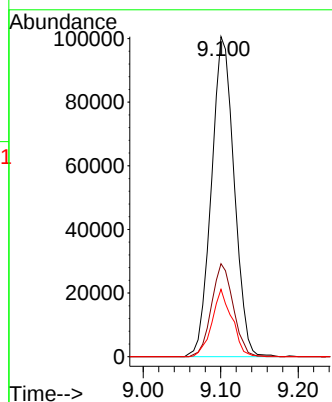
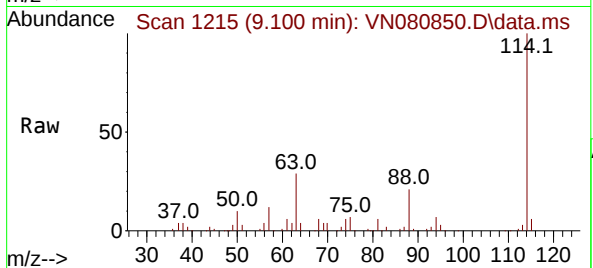
Tgt Ion:114 Resp: 204821

Ion Ratio Lower Upper

114 100

63 29.0 0.0 48.0

88 21.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 44.190 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080850.D

Acq: 31 Jan 2024 19:07

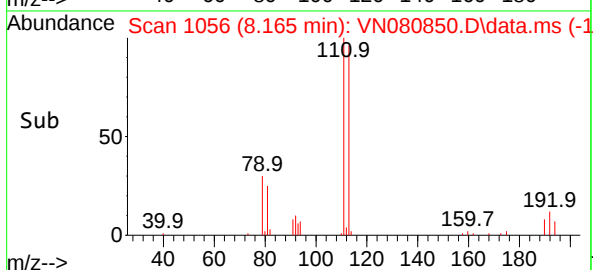
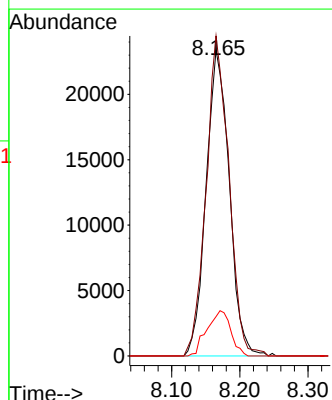
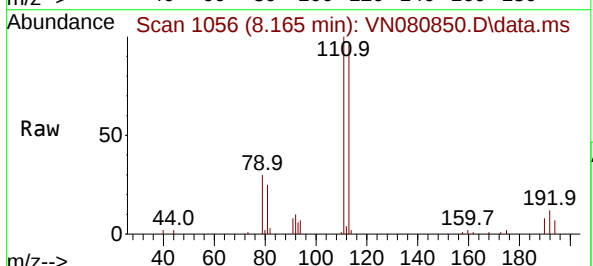
Tgt Ion:113 Resp: 55375

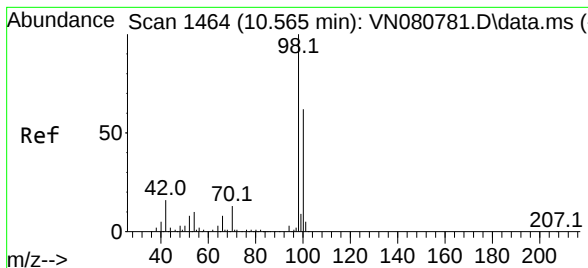
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 15.2 12.5 18.7

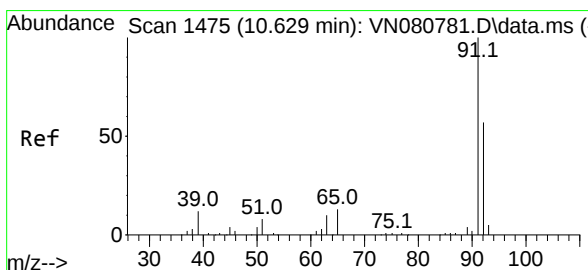
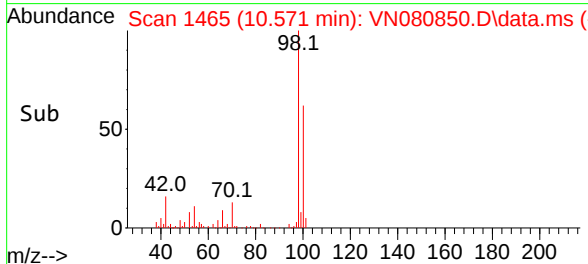
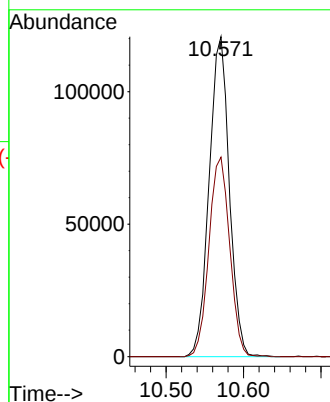
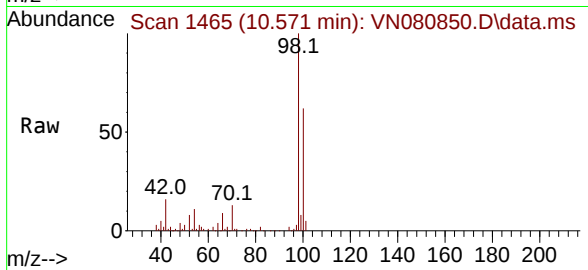




#50
Toluene-d8
Concen: 44.497 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080850.D
Acq: 31 Jan 2024 19:07

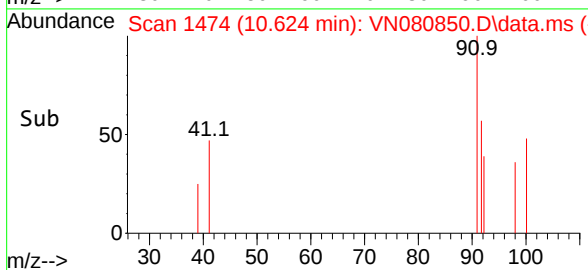
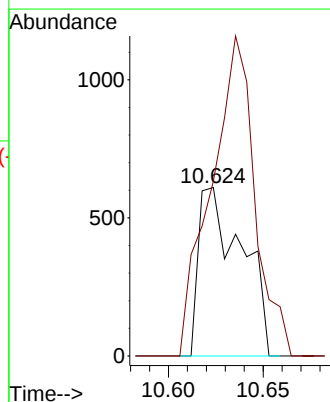
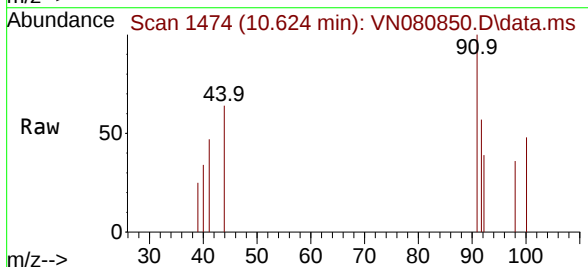
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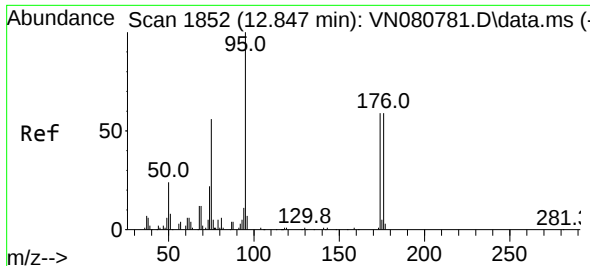
Tgt Ion: 98 Resp: 218240
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#52
Toluene
Concen: 0.246 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN080850.D
Acq: 31 Jan 2024 19:07

Tgt Ion: 92 Resp: 967
Ion Ratio Lower Upper
92 100
91 192.0 139.4 209.0

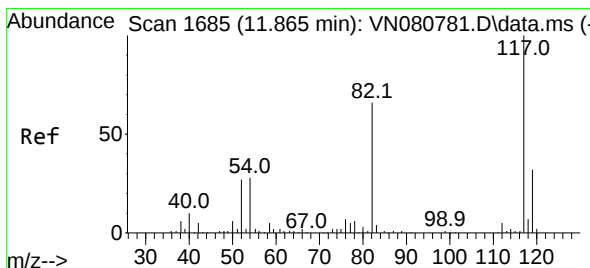
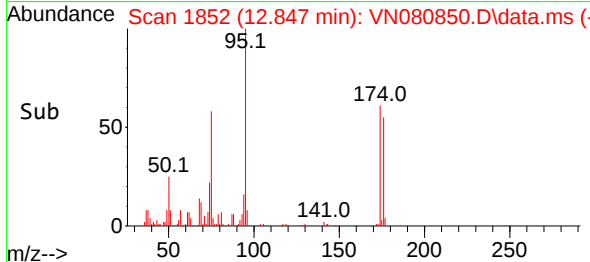
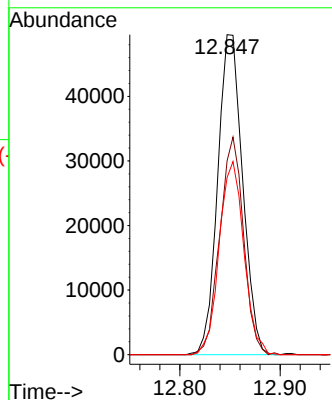
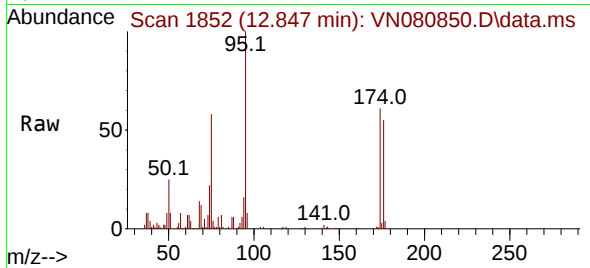




#62
4-Bromofluorobenzene
Concen: 50.084 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080850.D
Acq: 31 Jan 2024 19:07

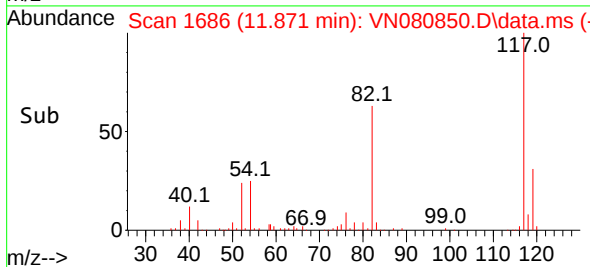
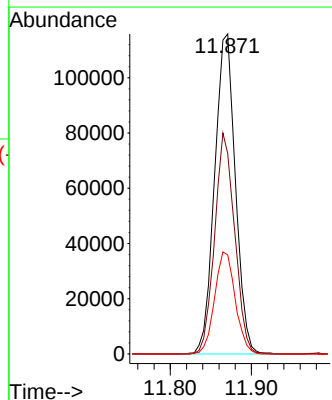
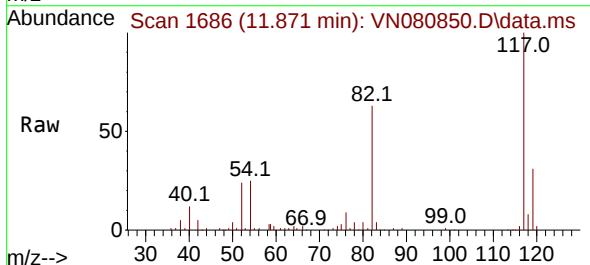
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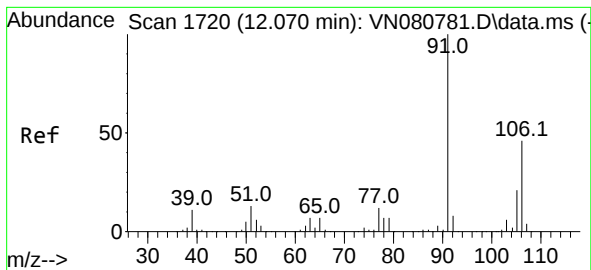
Tgt Ion: 95 Resp: 85599
Ion Ratio Lower Upper
95 100
174 64.6 0.0 120.4
176 59.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080850.D
Acq: 31 Jan 2024 19:07

Tgt Ion: 117 Resp: 206304
Ion Ratio Lower Upper
117 100
82 62.6 52.7 79.1
119 31.0 25.3 37.9

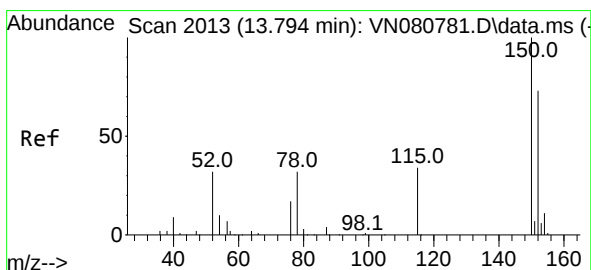
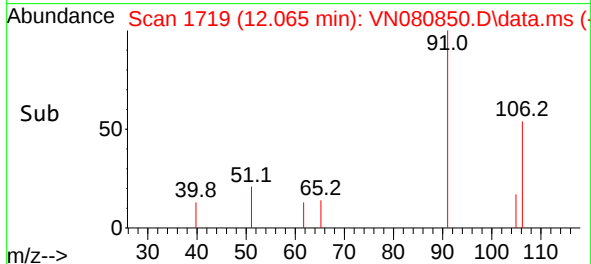
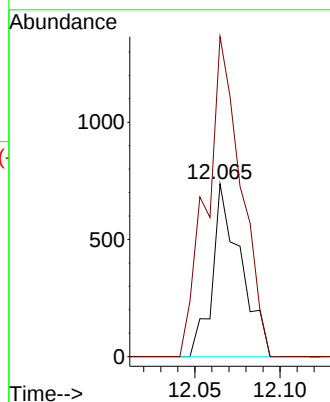
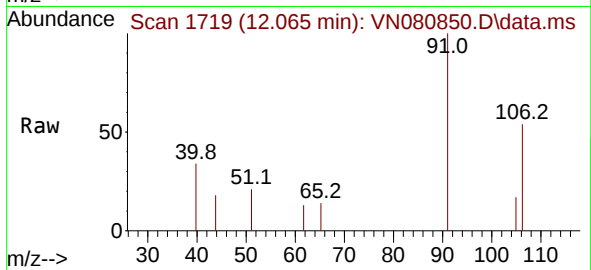




#68
m/p-Xylenes
Concen: 0.286 ug/l
RT: 12.065 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080850.D
Acq: 31 Jan 2024 19:07

Instrument :
MSVOA_N
ClientSampleId :
1249

Tgt Ion:106 Resp: 851
Ion Ratio Lower Upper
106 100
91 227.1 169.0 253.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080850.D
Acq: 31 Jan 2024 19:07

Tgt Ion:152 Resp: 84725
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 157.6 0.0 339.8

