

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080853.D
 Acq On : 31 Jan 2024 20:18
 Operator : JC\MD
 Sample : P1284-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1253

Quant Time: Jan 31 23:22:48 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)

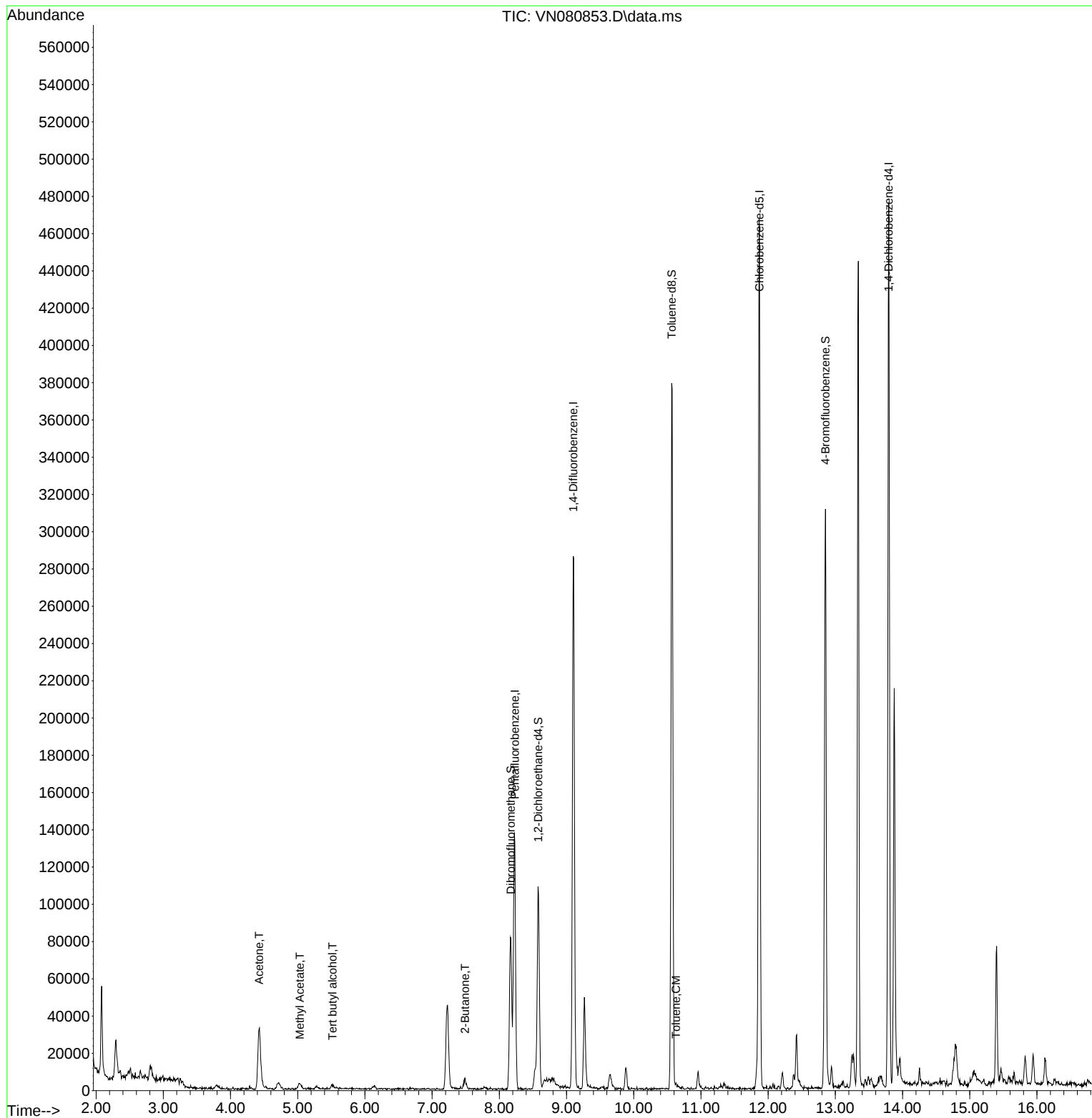
Internal Standards						
1) Pentafluorobenzene	8.230	168	84852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	208848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	222337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	80511	54.847	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.700%
35) Dibromofluoromethane	8.171	113	59380	46.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	10.565	98	233564	46.704	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.853	95	103147	59.188	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	3557	14.865	ug/l #	76
16) Acetone	4.424	43	61758	116.005	ug/l	92
18) Methyl Acetate	5.030	43	6742	3.634	ug/l	95
25) 2-Butanone	7.489	43	8945	8.846	ug/l	91
52) Toluene	10.630	92	920	0.230	ug/l	85

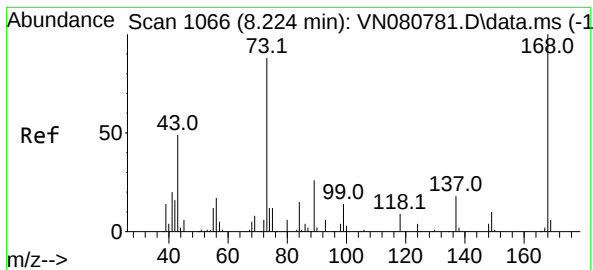
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1253

Quant Time: Jan 31 23:22:48 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

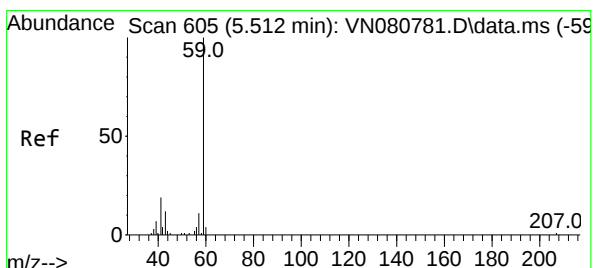
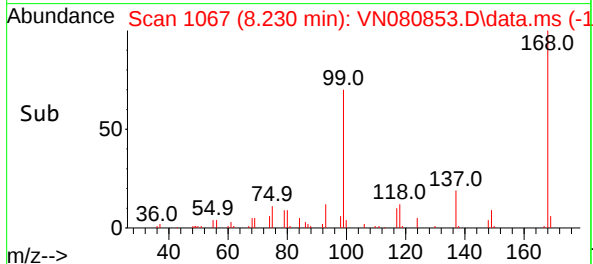
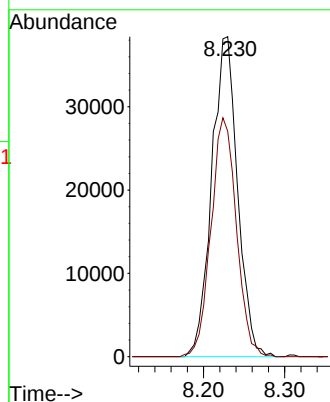
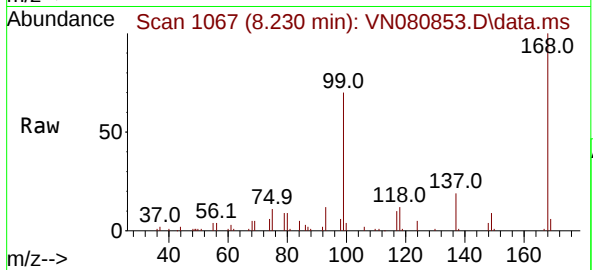




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080853.D
Acq: 31 Jan 2024 20:18

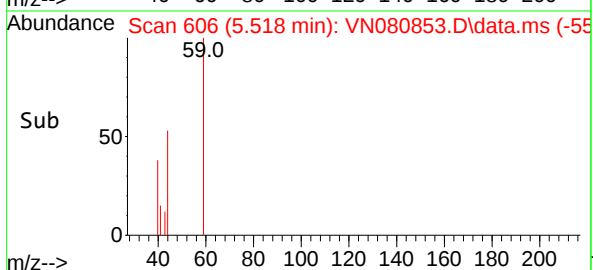
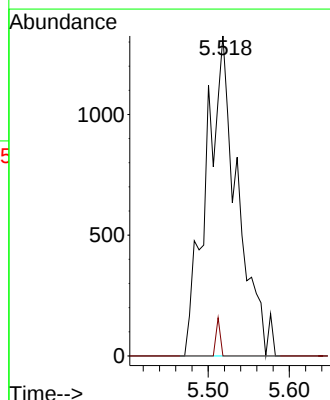
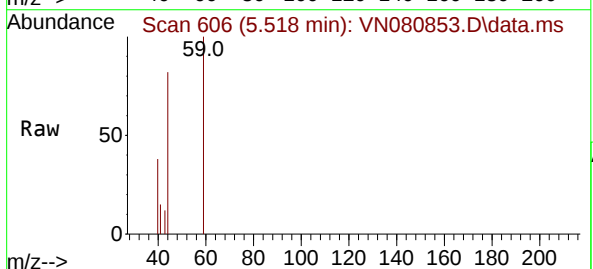
Instrument :
MSVOA_N
ClientSampleId :
1253

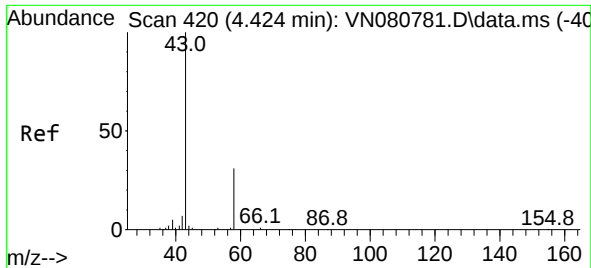
Tgt Ion:168 Resp: 84852
Ion Ratio Lower Upper
168 100
99 70.5 59.9 89.9



#11
Tert butyl alcohol
Concen: 14.865 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080853.D
Acq: 31 Jan 2024 20:18

Tgt Ion: 59 Resp: 3557
Ion Ratio Lower Upper
59 100
57 1.6 8.6 12.8#

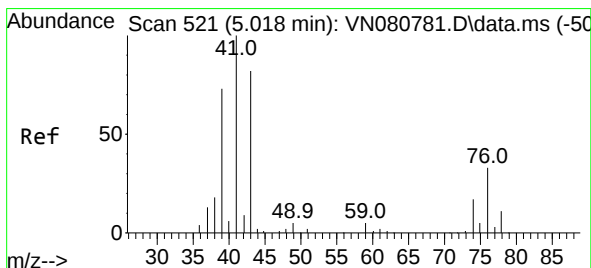
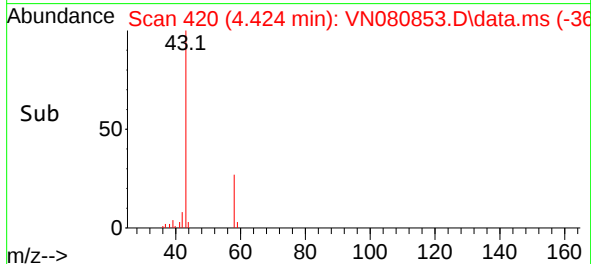
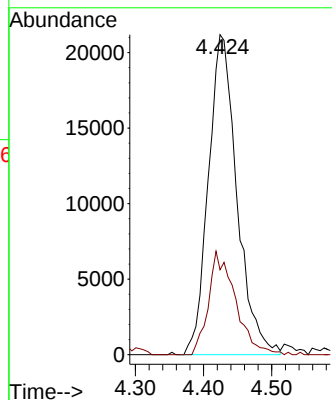
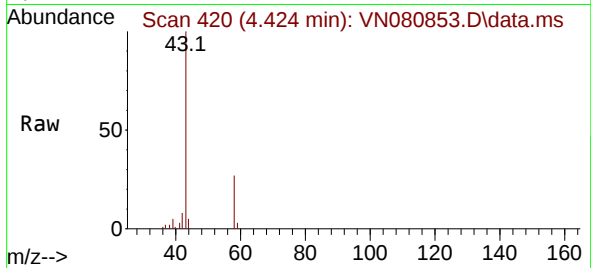




#16
Acetone
Concen: 116.005 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080853.D
Acq: 31 Jan 2024 20:18

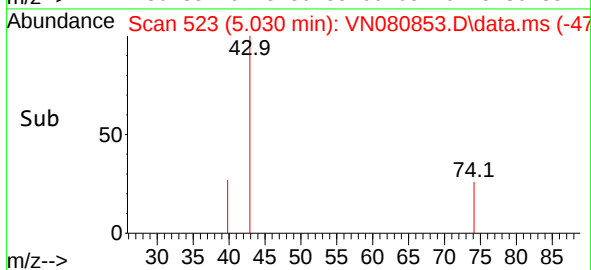
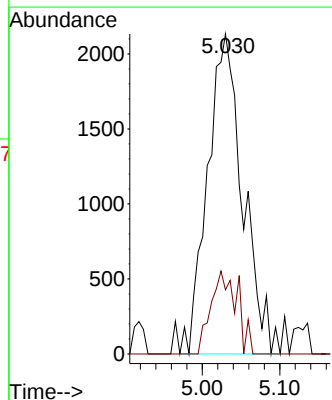
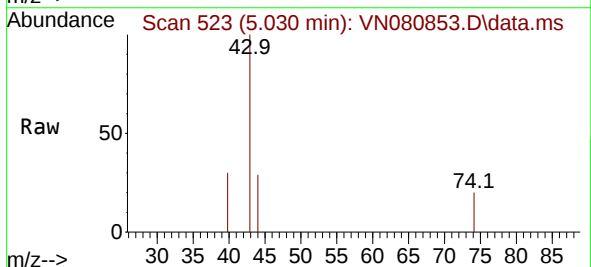
Instrument :
MSVOA_N
ClientSampleId :
1253

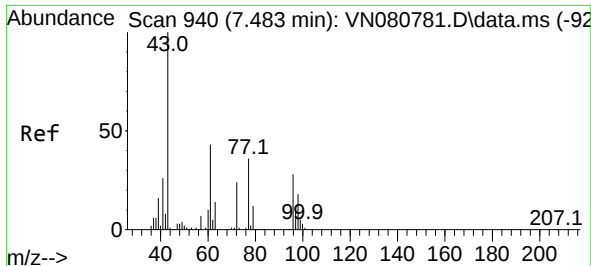
Tgt Ion: 43 Resp: 61758
Ion Ratio Lower Upper
43 100
58 26.6 24.8 37.2



#18
Methyl Acetate
Concen: 3.634 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080853.D
Acq: 31 Jan 2024 20:18

Tgt Ion: 43 Resp: 6742
Ion Ratio Lower Upper
43 100
74 19.3 17.3 25.9

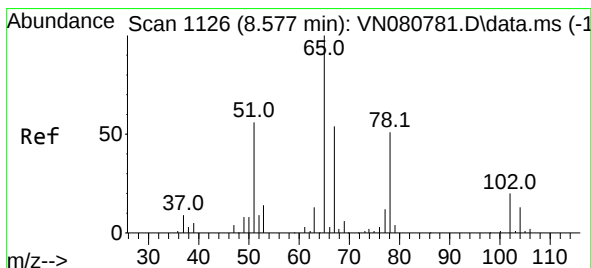
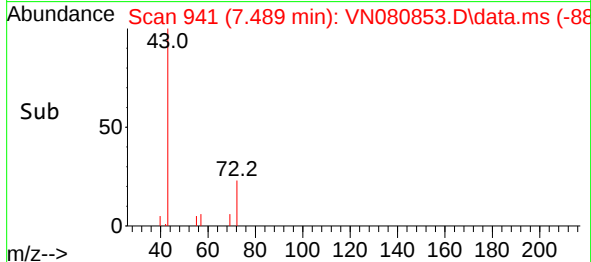
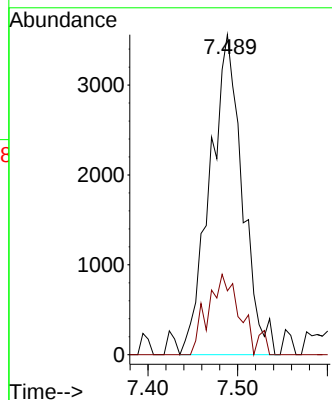
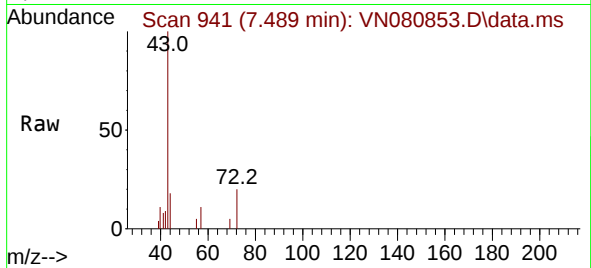




#25
2-Butanone
Concen: 8.846 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080853.D
Acq: 31 Jan 2024 20:18

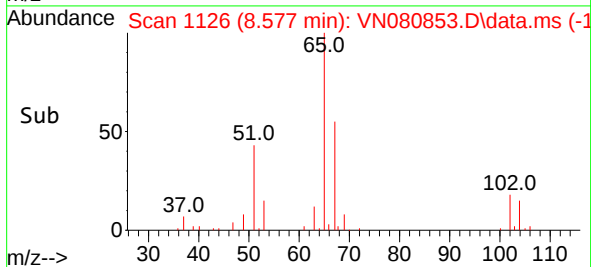
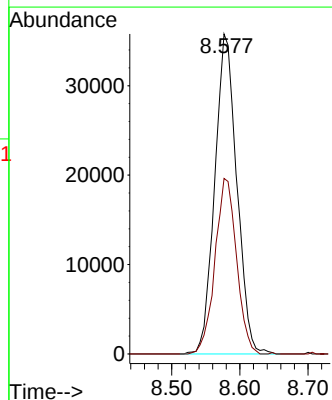
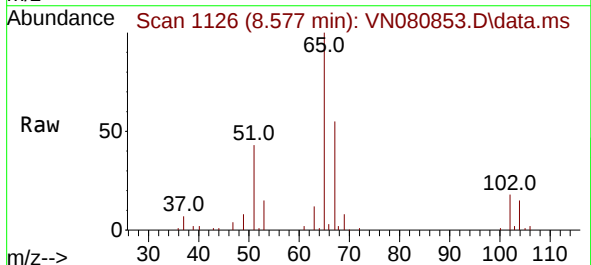
Instrument :
MSVOA_N
ClientSampleId :
1253

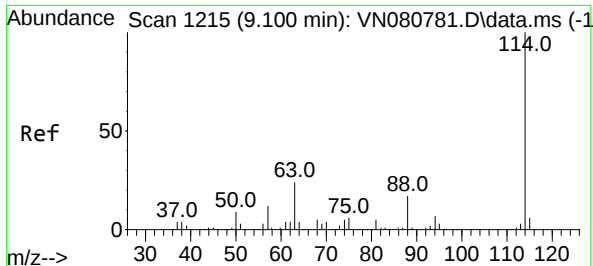
Tgt Ion: 43 Resp: 8945
Ion Ratio Lower Upper
43 100
72 19.9 19.5 29.3



#33
1,2-Dichloroethane-d4
Concen: 54.847 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080853.D
Acq: 31 Jan 2024 20:18

Tgt Ion: 65 Resp: 80511
Ion Ratio Lower Upper
65 100
67 53.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080853.D

Acq: 31 Jan 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

1253

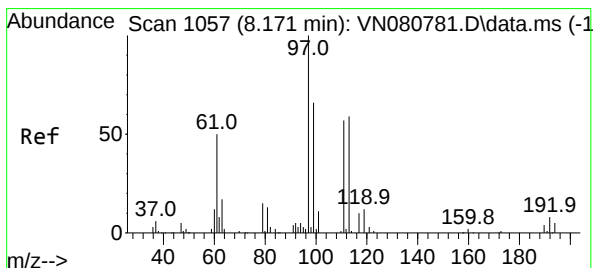
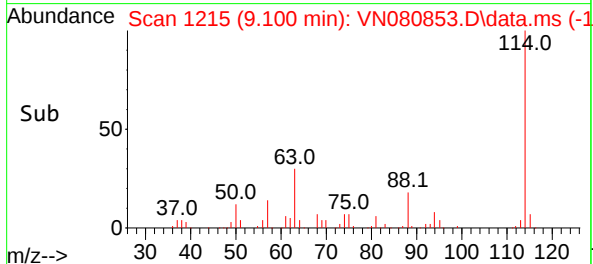
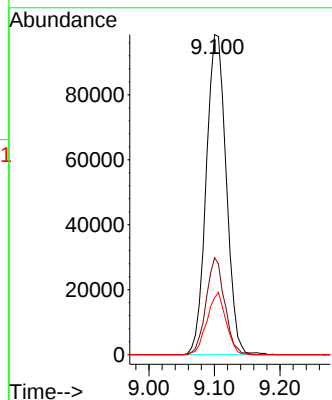
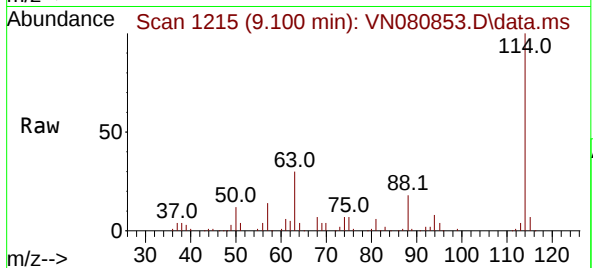
Tgt Ion:114 Resp: 208848

Ion Ratio Lower Upper

114 100

63 30.3 0.0 48.0

88 17.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 46.473 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080853.D

Acq: 31 Jan 2024 20:18

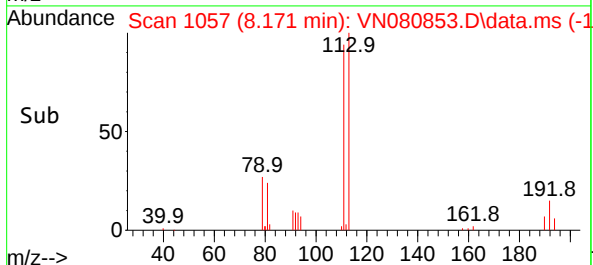
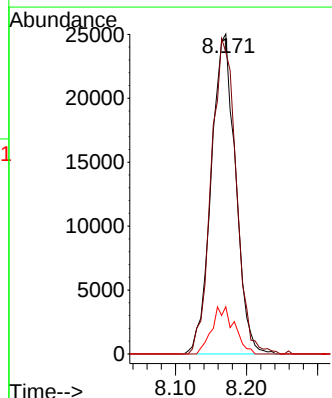
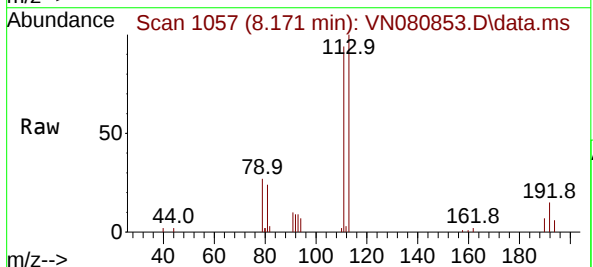
Tgt Ion:113 Resp: 59380

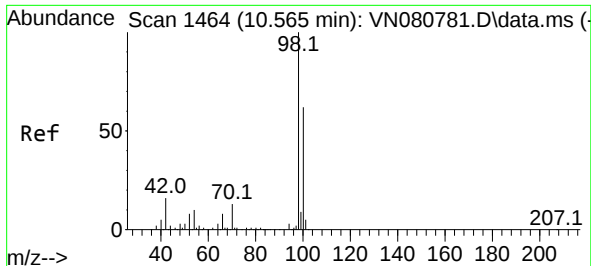
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 13.8 12.5 18.7

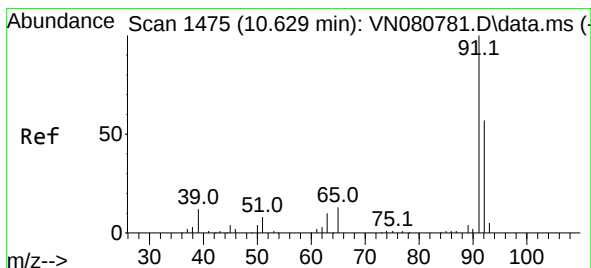
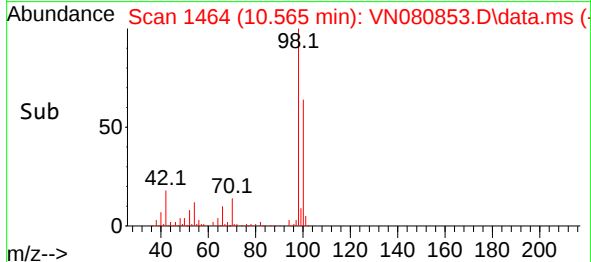
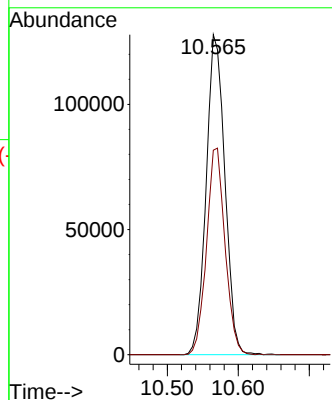
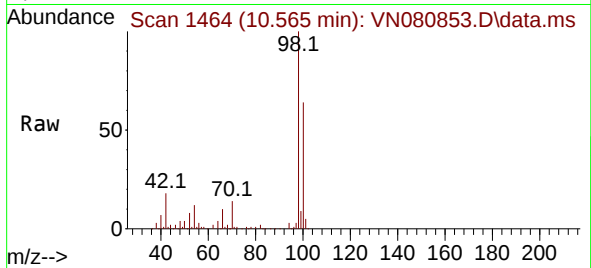




#50
Toluene-d8
Concen: 46.704 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080853.D
Acq: 31 Jan 2024 20:18

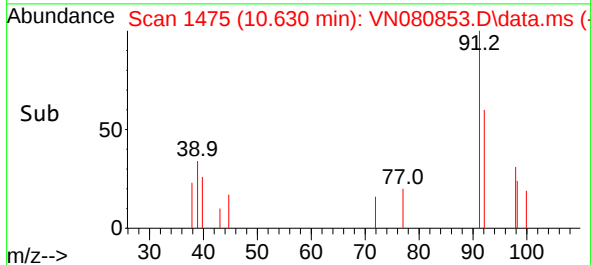
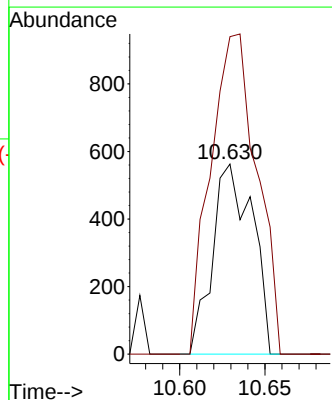
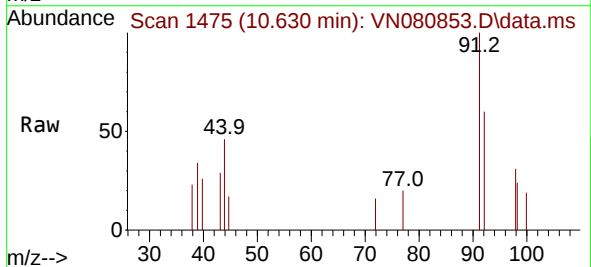
Instrument :
MSVOA_N
ClientSampleId :
1253

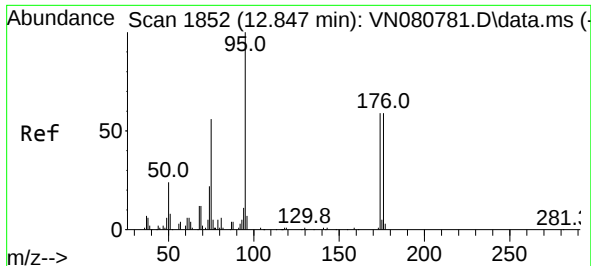
Tgt Ion: 98 Resp: 233564
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#52
Toluene
Concen: 0.230 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080853.D
Acq: 31 Jan 2024 20:18

Tgt Ion: 92 Resp: 920
Ion Ratio Lower Upper
92 100
91 195.0 139.4 209.0

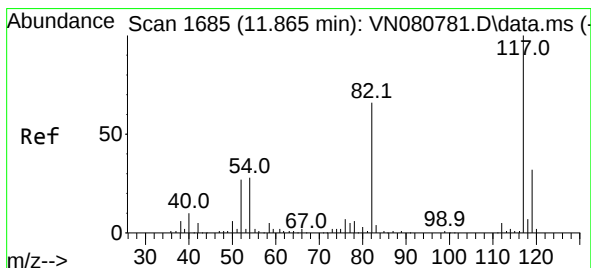
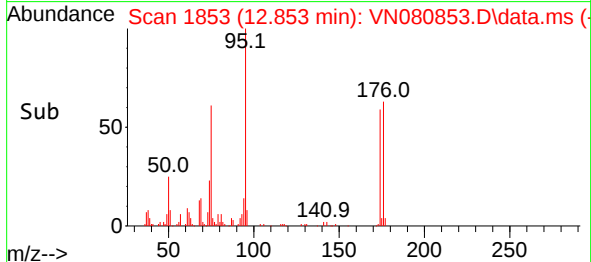
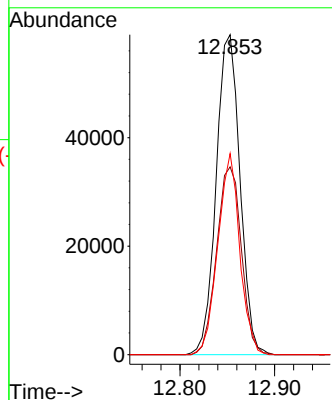
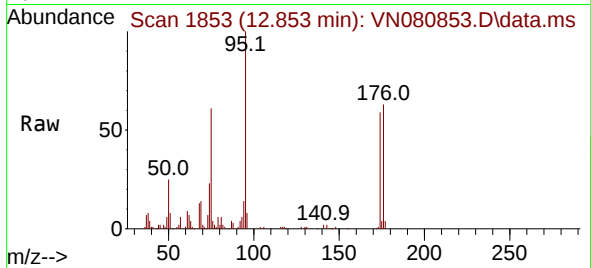




#62
4-Bromofluorobenzene
Concen: 59.188 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080853.D
Acq: 31 Jan 2024 20:18

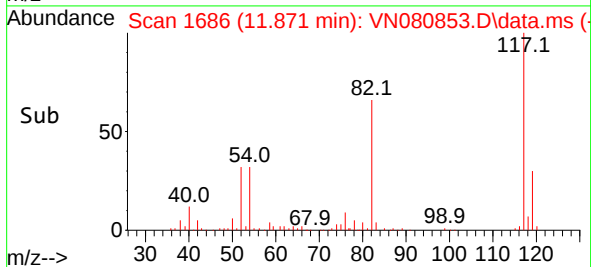
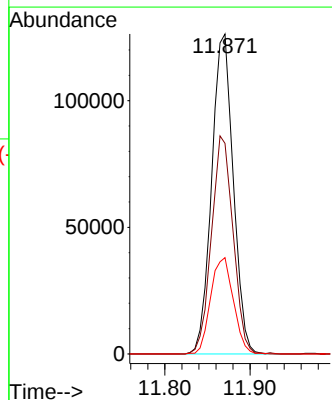
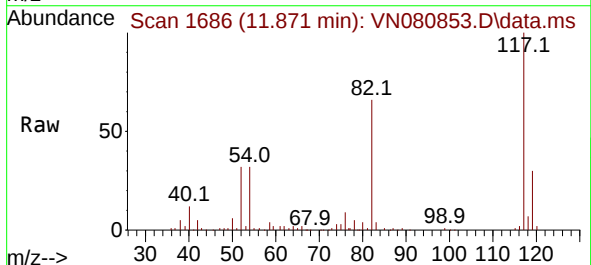
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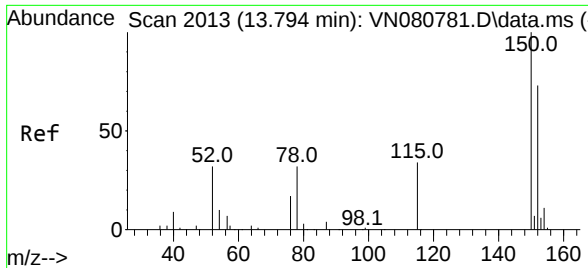
Tgt Ion: 95 Resp: 103147
Ion Ratio Lower Upper
95 100
174 61.1 0.0 120.4
176 57.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080853.D
Acq: 31 Jan 2024 20:18

Tgt Ion: 117 Resp: 222337
Ion Ratio Lower Upper
117 100
82 65.8 52.7 79.1
119 30.1 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080853.D
 Acq: 31 Jan 2024 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 1253

Tgt Ion:	152	Resp:	104079
Ion	Ratio	Lower	Upper
152	100		
115	68.4	32.3	96.8
150	155.9	0.0	339.8

