

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080852.D
 Acq On : 31 Jan 2024 19:54
 Operator : JC\MD
 Sample : P1284-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1252

Quant Time: Jan 31 23:22:27 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)

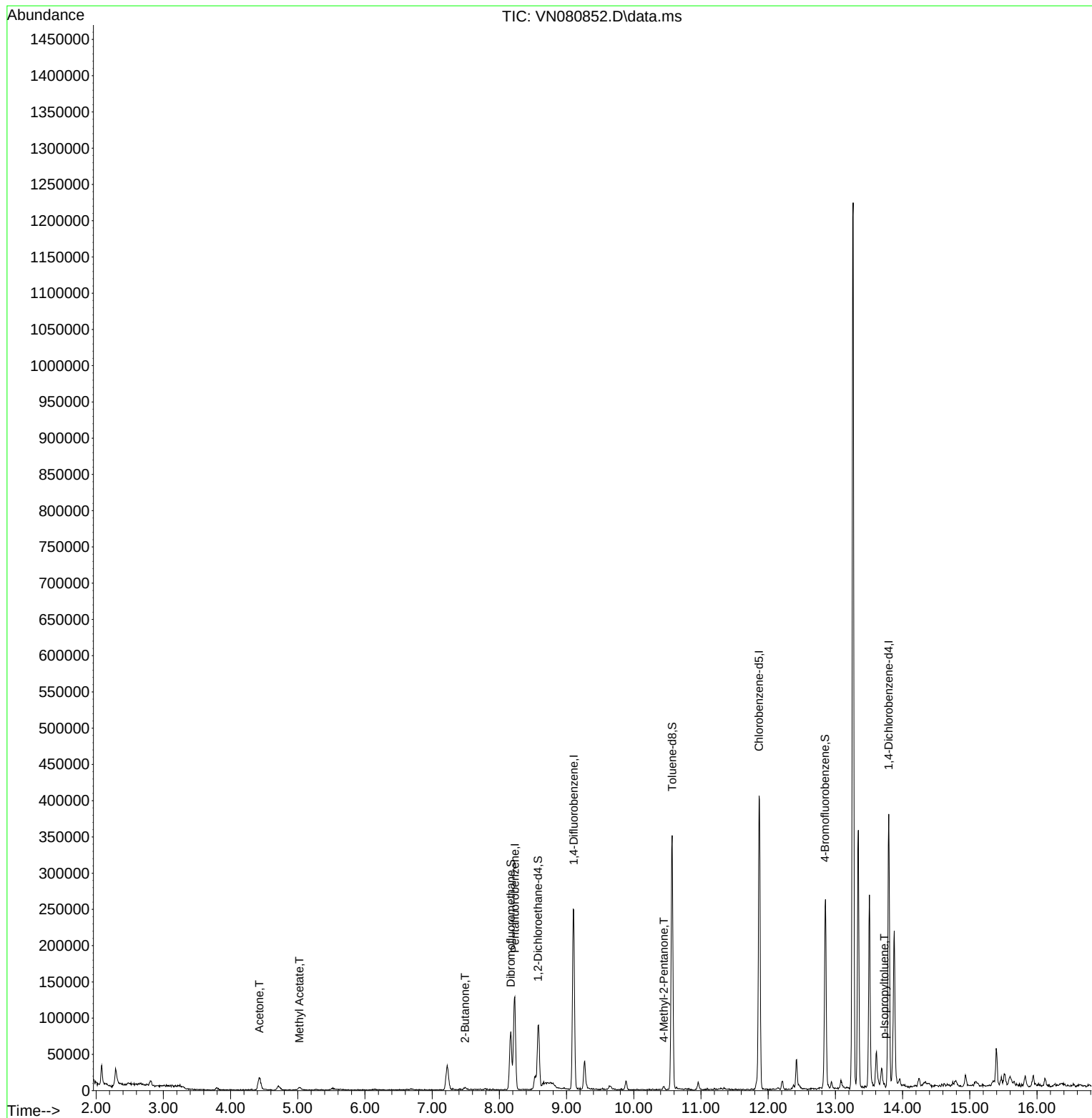
Internal Standards						
1) Pentafluorobenzene	8.229	168	79837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	196567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	207253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	69351	50.212	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.420%
35) Dibromofluoromethane	8.171	113	56771	47.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.420%
50) Toluene-d8	10.570	98	222074	47.180	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.847	95	87738	53.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.980%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	33383	66.645	ug/l	98
18) Methyl Acetate	5.024	43	7836	4.489	ug/l	95
25) 2-Butanone	7.488	43	5639	5.927	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	4229	1.806	ug/l #	78
86) p-Isopropyltoluene	13.729	119	2147	0.380	ug/l	88

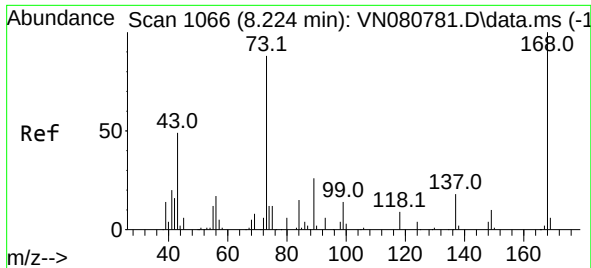
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN080852.D
Acq On : 31 Jan 2024 19:54
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Sample : P1284-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1252

Quant Time: Jan 31 23:22:27 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

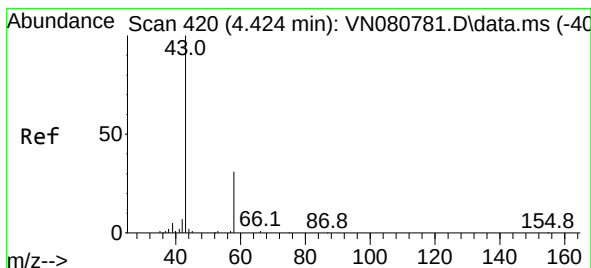
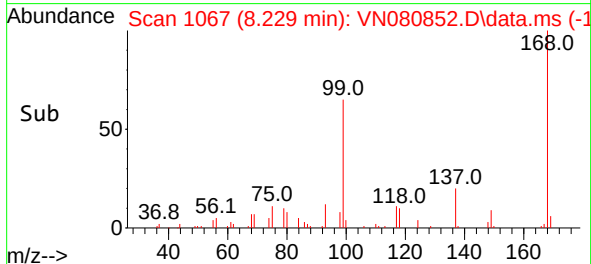
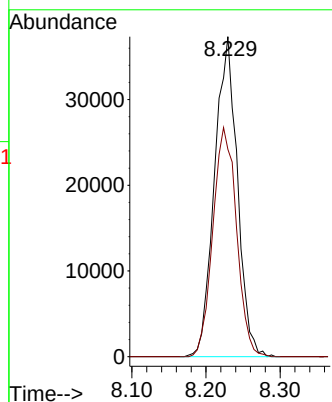
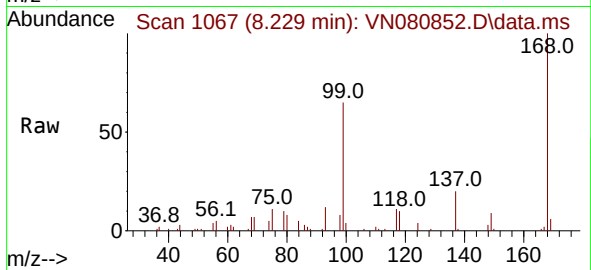




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN080852.D
Acq: 31 Jan 2024 19:54

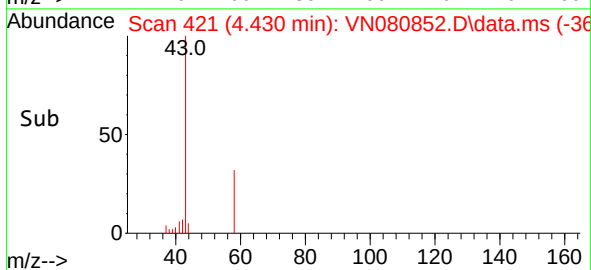
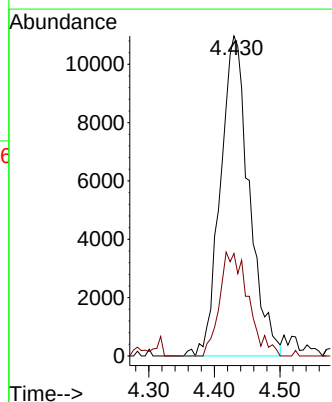
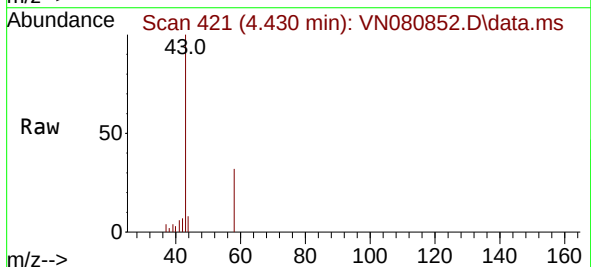
Instrument :
MSVOA_N
ClientSampleId :
1252

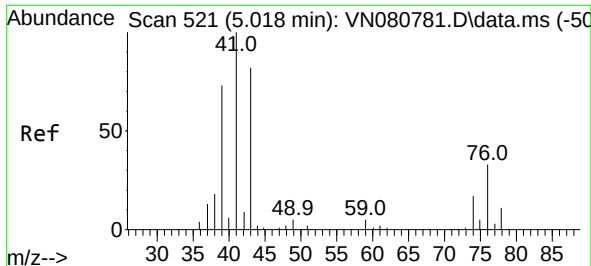
Tgt Ion:168 Resp: 79837
Ion Ratio Lower Upper
168 100
99 64.8 59.9 89.9



#16
Acetone
Concen: 66.645 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080852.D
Acq: 31 Jan 2024 19:54

Tgt Ion: 43 Resp: 33383
Ion Ratio Lower Upper
43 100
58 32.0 24.8 37.2

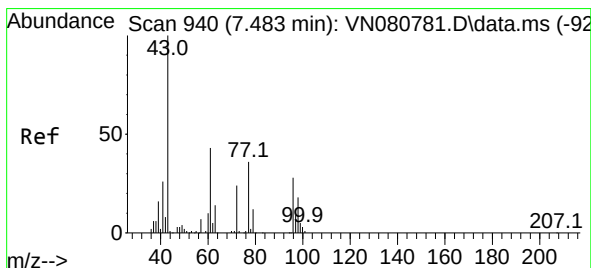
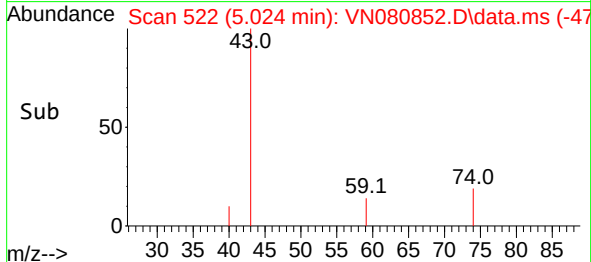
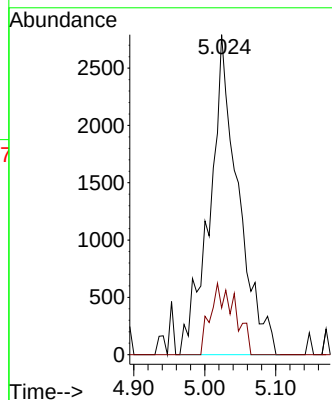
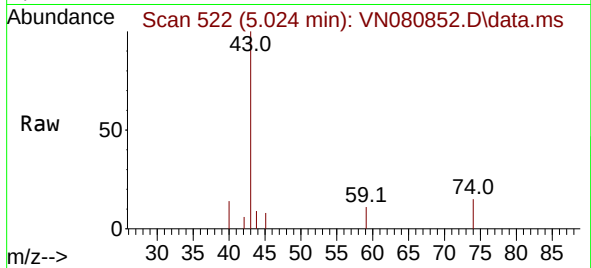




#18
Methyl Acetate
Concen: 4.489 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080852.D
Acq: 31 Jan 2024 19:54

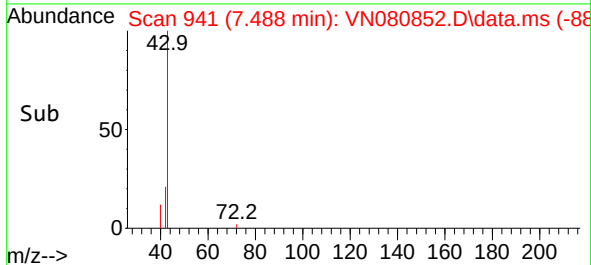
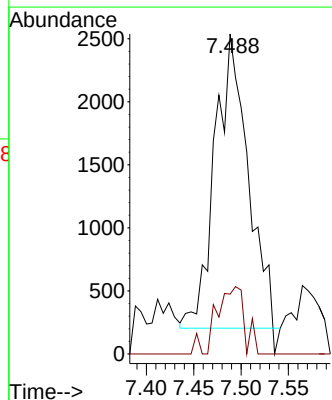
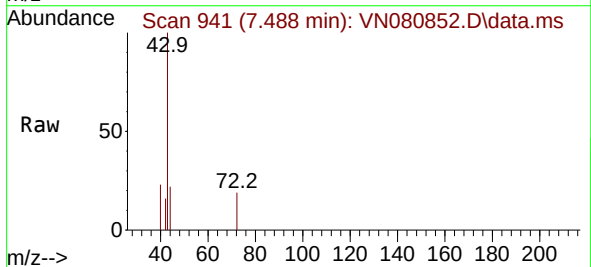
Instrument :
MSVOA_N
ClientSampleId :
1252

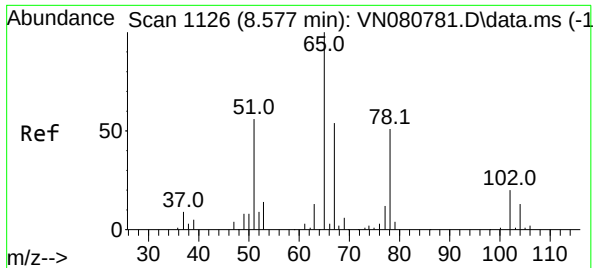
Tgt Ion: 43 Resp: 7836
Ion Ratio Lower Upper
43 100
74 19.2 17.3 25.9



#25
2-Butanone
Concen: 5.927 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080852.D
Acq: 31 Jan 2024 19:54

Tgt Ion: 43 Resp: 5639
Ion Ratio Lower Upper
43 100
72 20.4 19.5 29.3





#33

1,2-Dichloroethane-d4

Concen: 50.212 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080852.D

Acq: 31 Jan 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

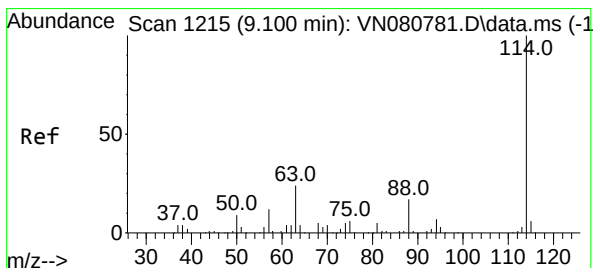
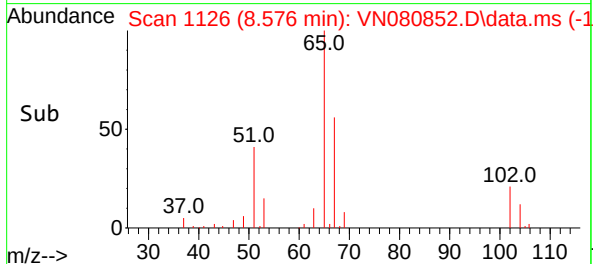
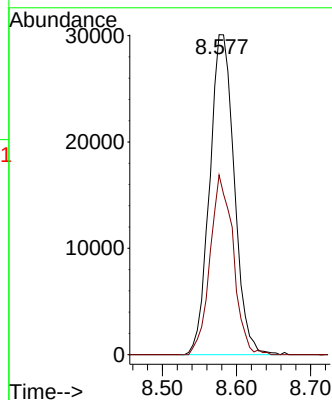
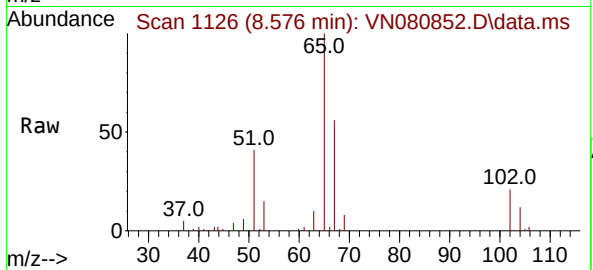
1252

Tgt Ion: 65 Resp: 69351

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080852.D

Acq: 31 Jan 2024 19:54

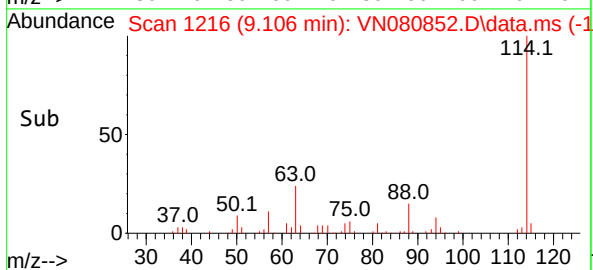
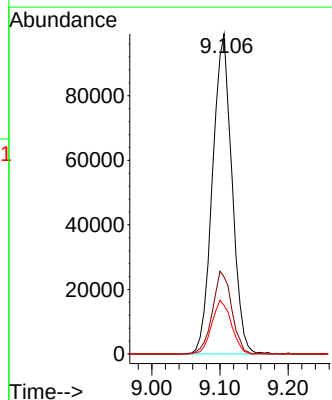
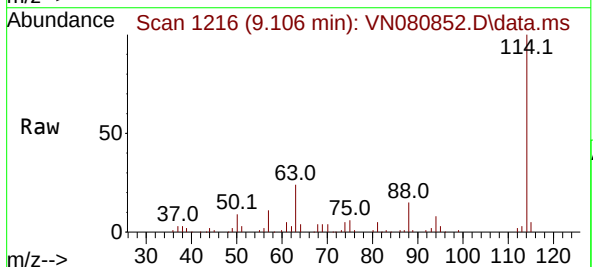
Tgt Ion: 114 Resp: 196567

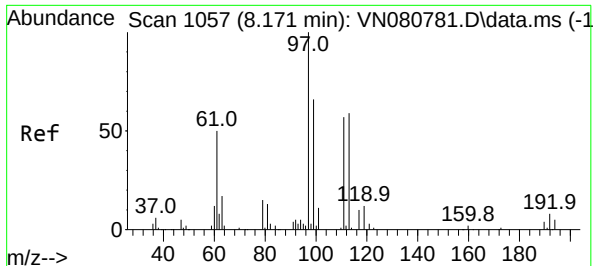
Ion Ratio Lower Upper

114 100

63 24.1 0.0 48.0

88 15.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.207 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN080852.D

Acq: 31 Jan 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

1252

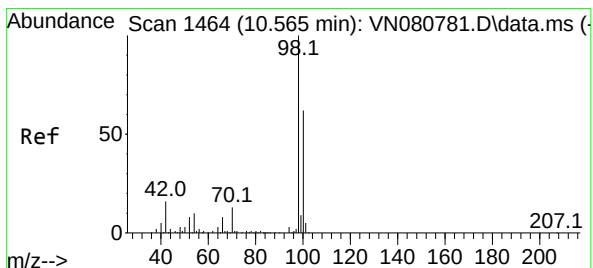
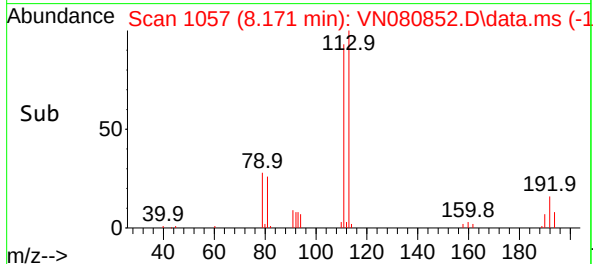
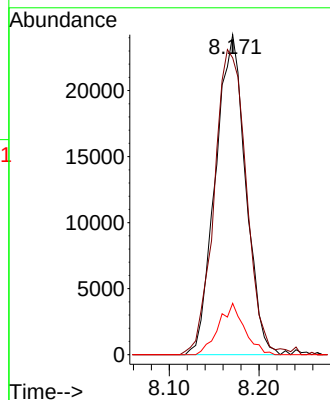
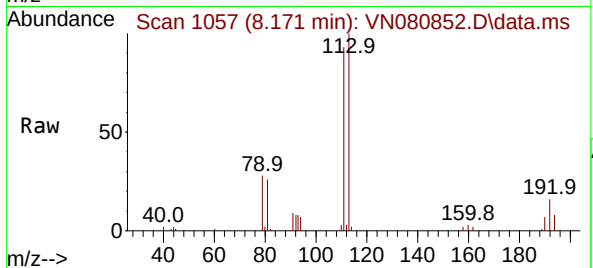
Tgt Ion:113 Resp: 56771

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 13.7 12.5 18.7



#50

Toluene-d8

Concen: 47.180 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080852.D

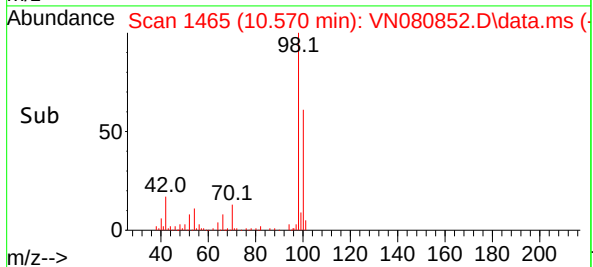
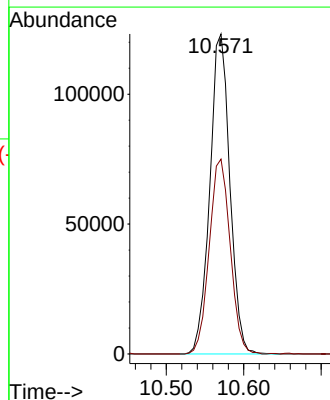
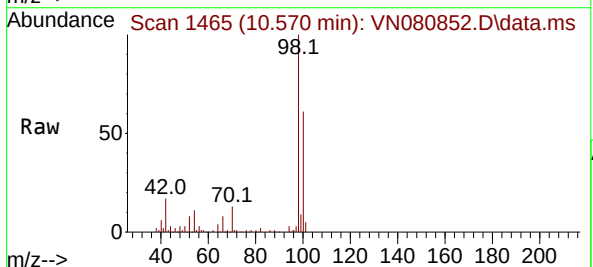
Acq: 31 Jan 2024 19:54

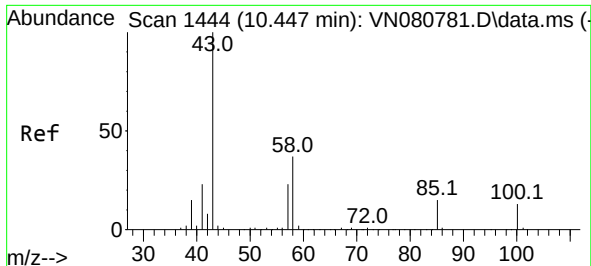
Tgt Ion: 98 Resp: 222074

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.0

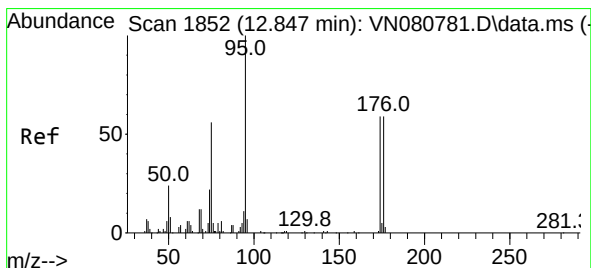
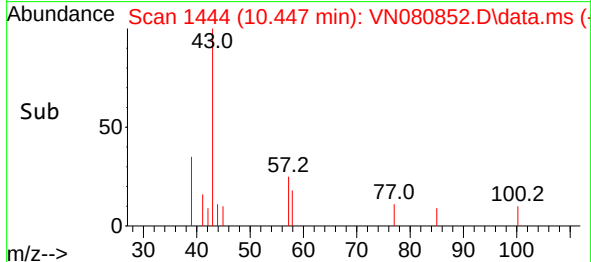
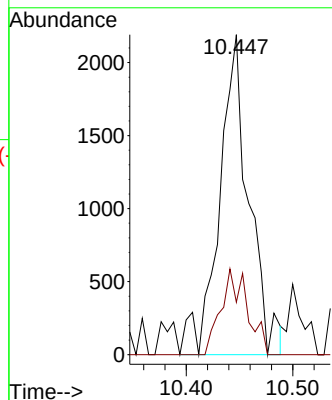
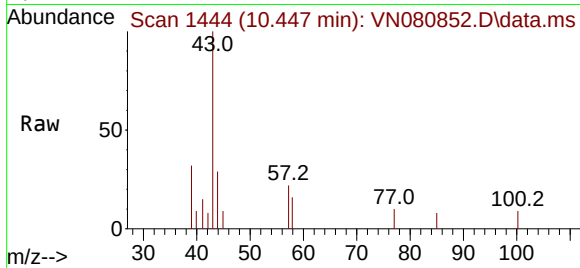




#51
4-Methyl-2-Pentanone
Concen: 1.806 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080852.D
Acq: 31 Jan 2024 19:54

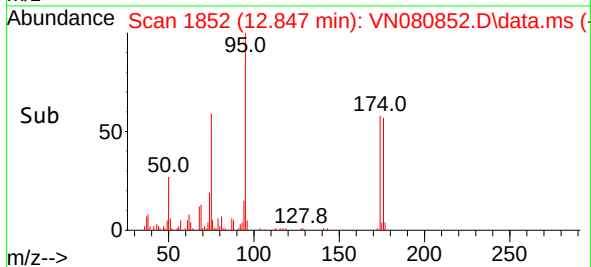
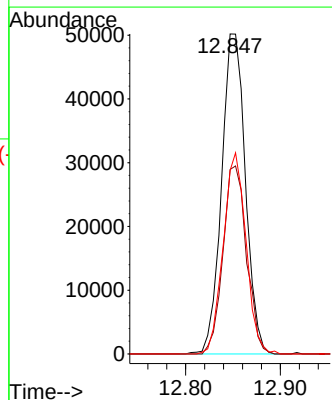
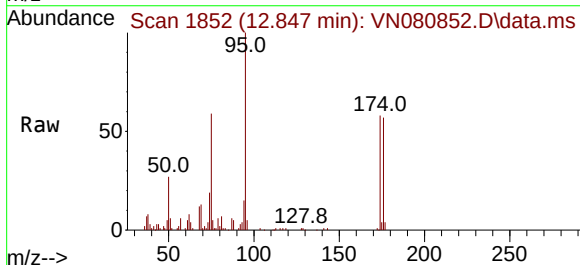
Instrument : MSVOA_N
ClientSampleId : 1252

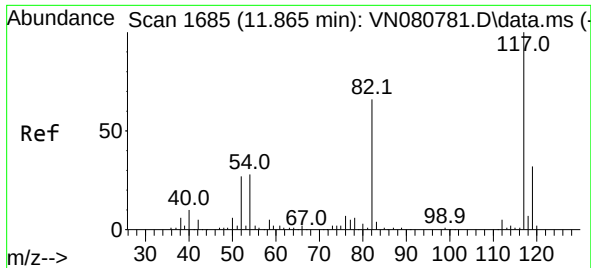
Tgt Ion: 43 Resp: 4229
Ion Ratio Lower Upper
43 100
58 23.9 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 53.491 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080852.D
Acq: 31 Jan 2024 19:54

Tgt Ion: 95 Resp: 87738
Ion Ratio Lower Upper
95 100
174 58.0 0.0 120.4
176 60.0 0.0 121.0

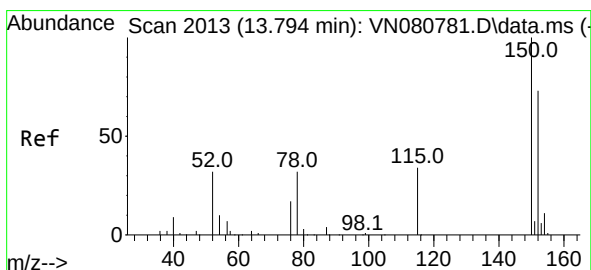
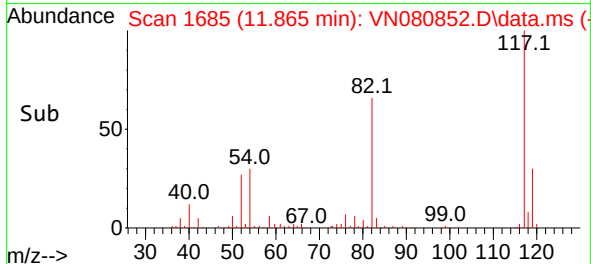
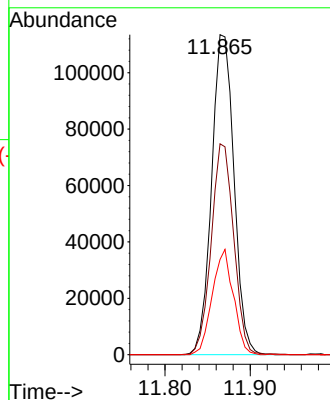
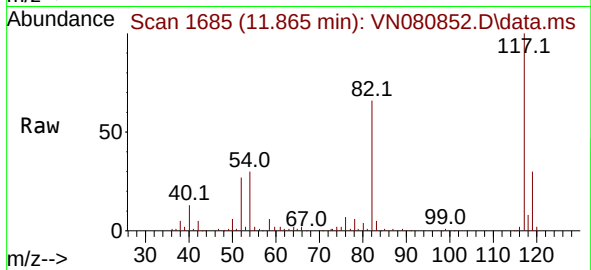




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080852.D
Acq: 31 Jan 2024 19:54

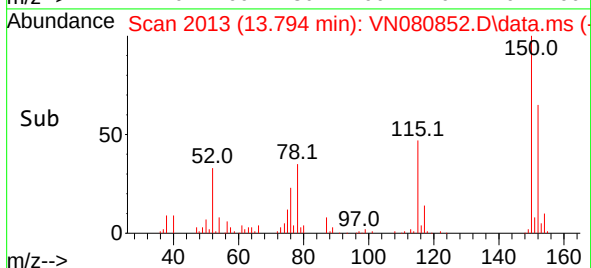
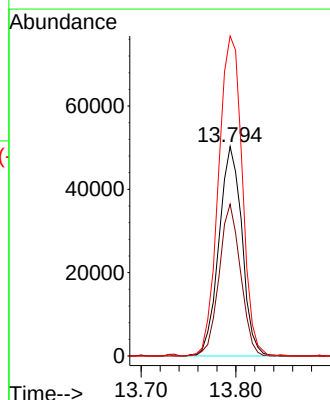
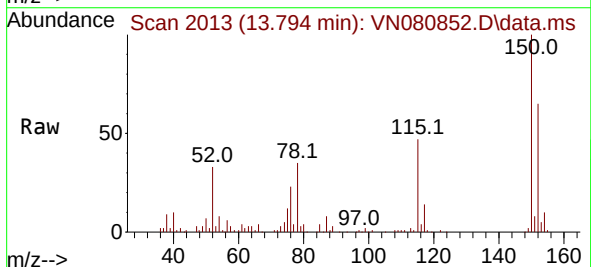
Instrument :
MSVOA_N
ClientSampleId :
1252

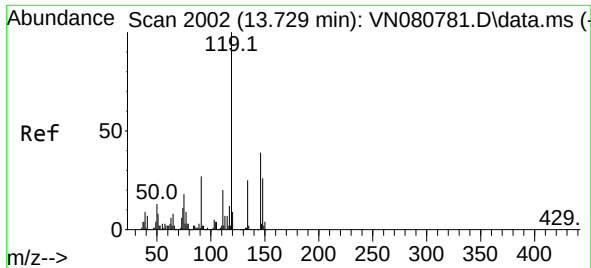
Tgt Ion:117 Resp: 207253
Ion Ratio Lower Upper
117 100
82 65.9 52.7 79.1
119 29.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080852.D
Acq: 31 Jan 2024 19:54

Tgt Ion:152 Resp: 84723
Ion Ratio Lower Upper
152 100
115 67.9 32.3 96.8
150 157.5 0.0 339.8





#86
 p-Isopropyltoluene
 Concen: 0.380 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080852.D
 Acq: 31 Jan 2024 19:54

Instrument :
 MSVOA_N
 ClientSampleId :
 1252

Tgt Ion:	119	Resp:	2147
Ion	Ratio	Lower	Upper
119	100		
134	17.2	12.4	37.2
91	31.9	13.5	40.4

