

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081798.D
 Acq On : 18 Apr 2024 19:30
 Operator : JC\MD
 Sample : P2121-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4827

Quant Time: Apr 19 02:12:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

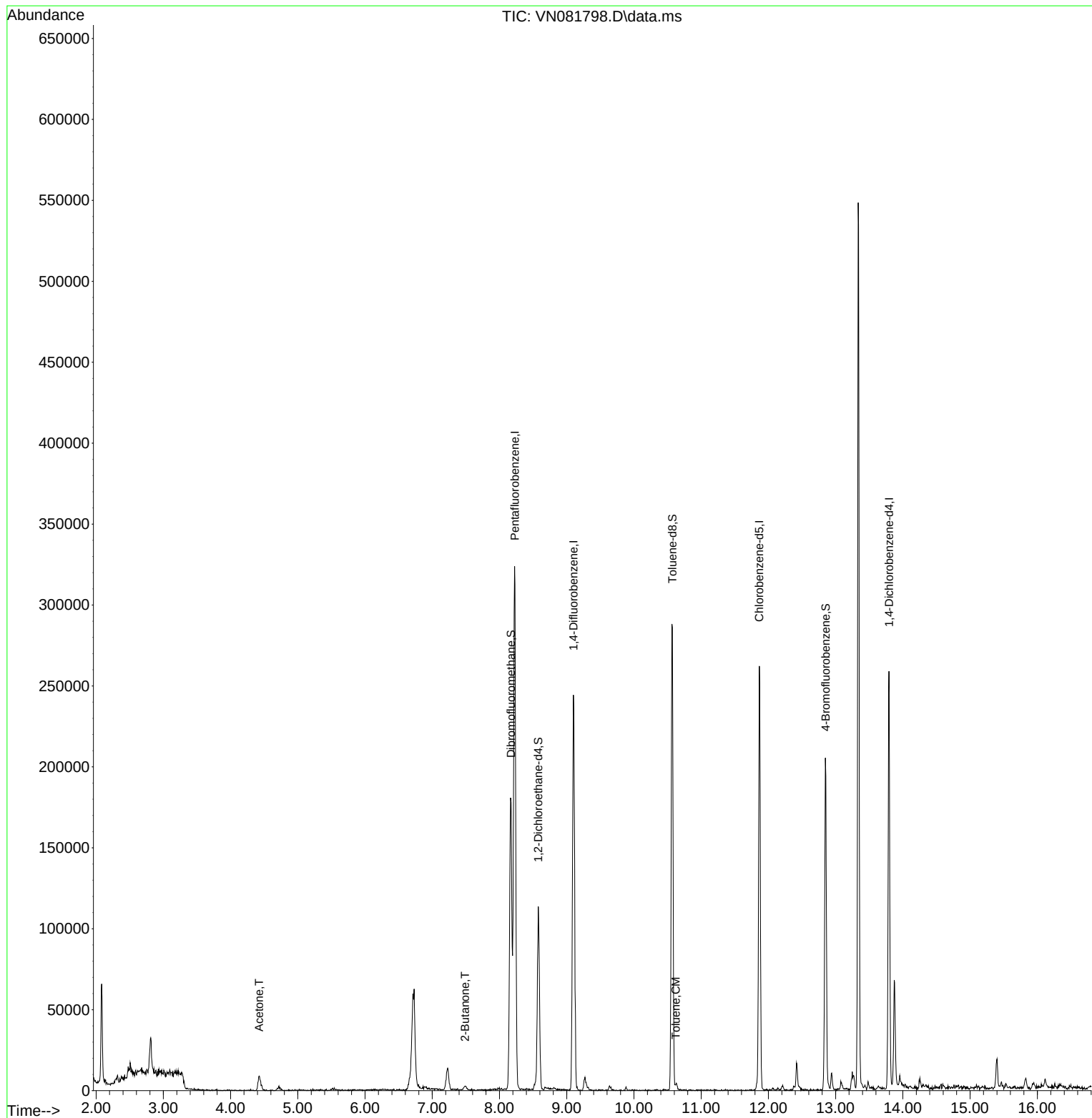
Internal Standards						
1) Pentafluorobenzene	8.230	168	232622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	228576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	147263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	64615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	85691	26.178	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	52.360%#
35) Dibromofluoromethane	8.171	113	128965	85.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	170.880%#
50) Toluene-d8	10.571	98	201926	36.314	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	72.620%#
62) 4-Bromofluorobenzene	12.853	95	60388	31.780	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	63.560%#
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	16535	18.149	ug/l	96
25) 2-Butanone	7.489	43	3372	2.245	ug/l #	82
52) Toluene	10.624	92	1841	0.442	ug/l	77

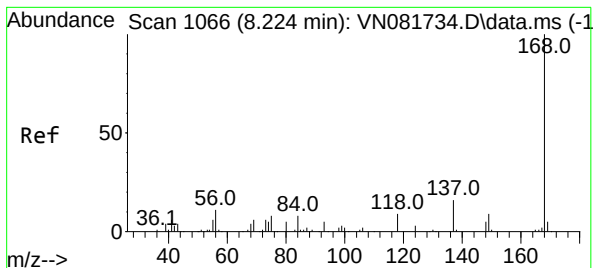
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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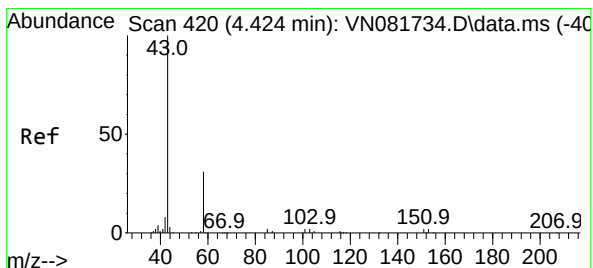
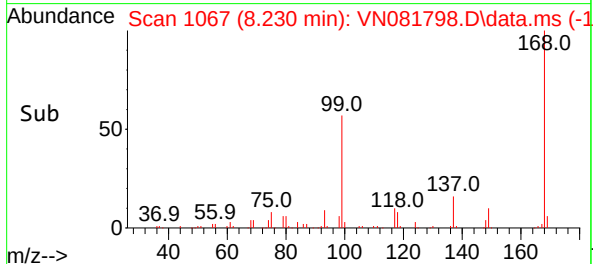
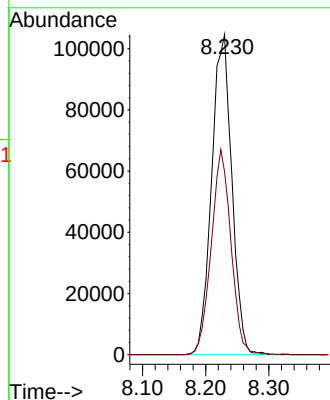
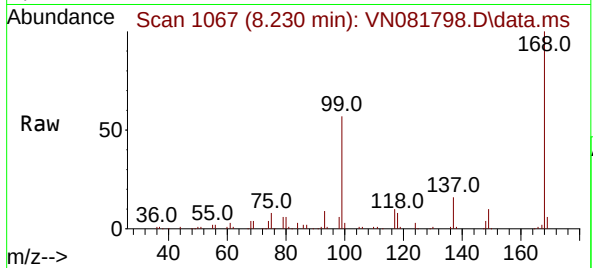




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081798.D
Acq: 18 Apr 2024 19:30

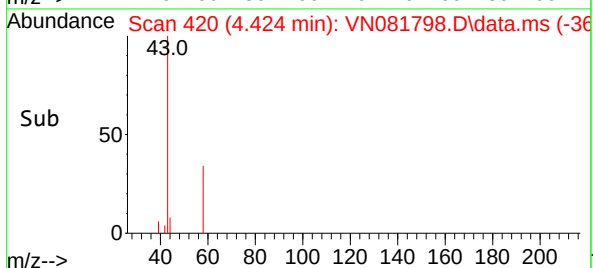
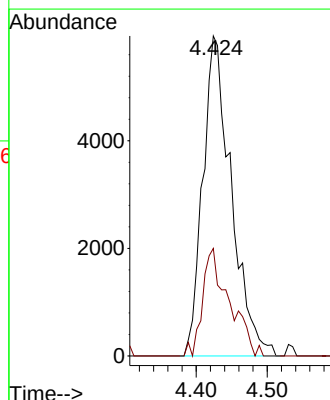
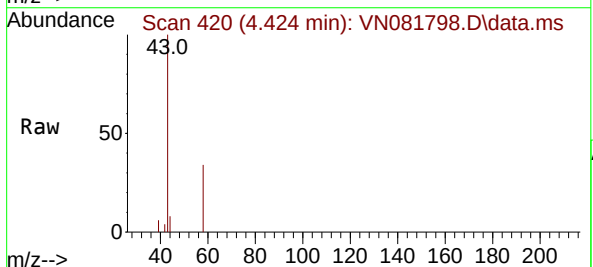
Instrument :
MSVOA_N
ClientSampleId :
4827

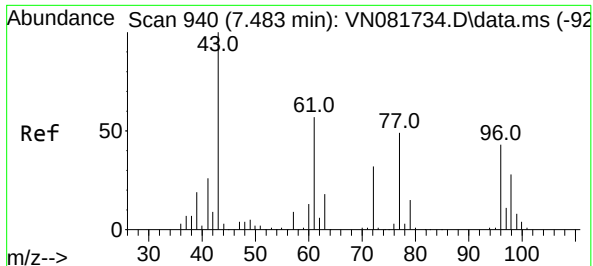
Tgt Ion:168 Resp: 232622
Ion Ratio Lower Upper
168 100
99 57.2 48.2 72.4



#16
Acetone
Concen: 18.149 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081798.D
Acq: 18 Apr 2024 19:30

Tgt Ion: 43 Resp: 16535
Ion Ratio Lower Upper
43 100
58 33.6 25.2 37.8

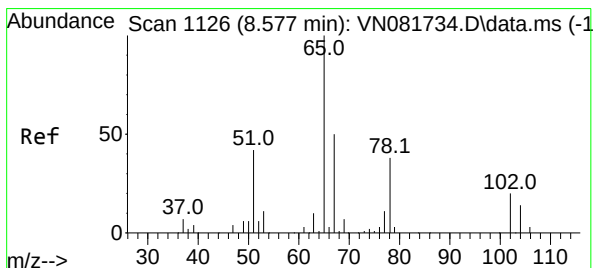
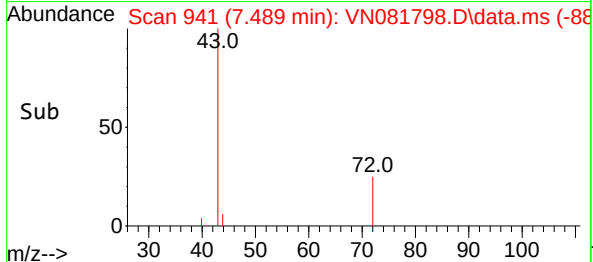
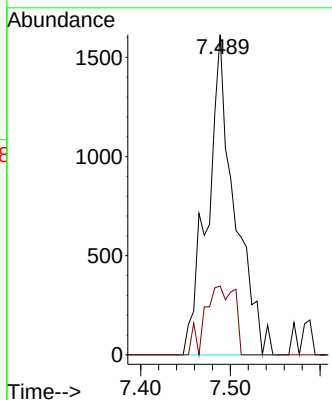
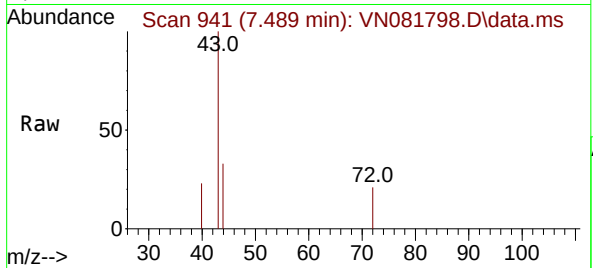




#25
2-Butanone
Concen: 2.245 ug/l
RT: 7.489 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081798.D
Acq: 18 Apr 2024 19:30

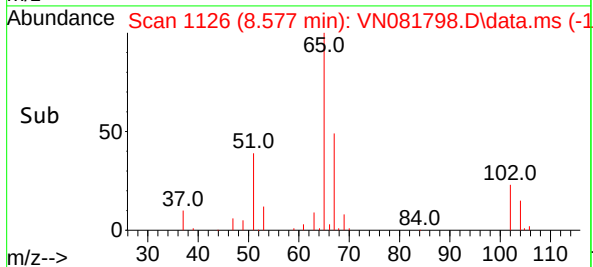
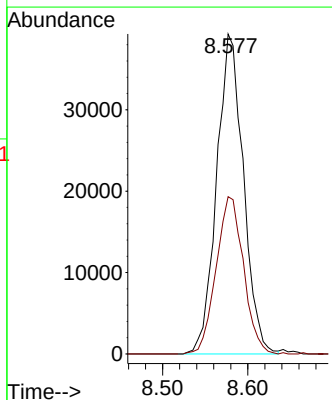
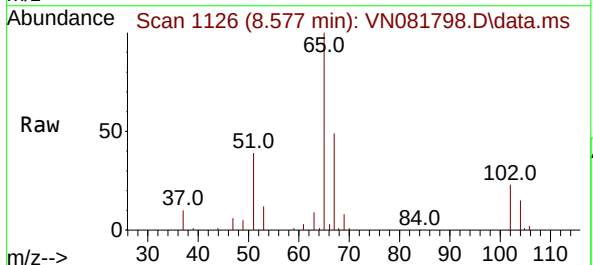
Instrument :
MSVOA_N
ClientSampleId :
4827

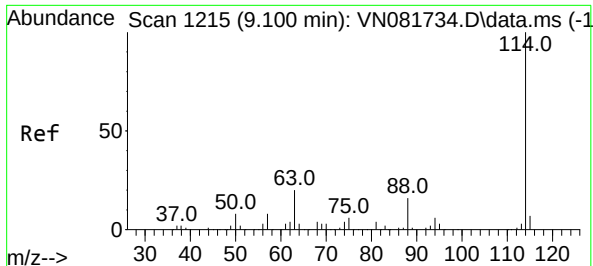
Tgt Ion: 43 Resp: 3372
Ion Ratio Lower Upper
43 100
72 21.5 25.3 37.9#



#33
1,2-Dichloroethane-d4
Concen: 26.178 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081798.D
Acq: 18 Apr 2024 19:30

Tgt Ion: 65 Resp: 85691
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081798.D

Acq: 18 Apr 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

4827

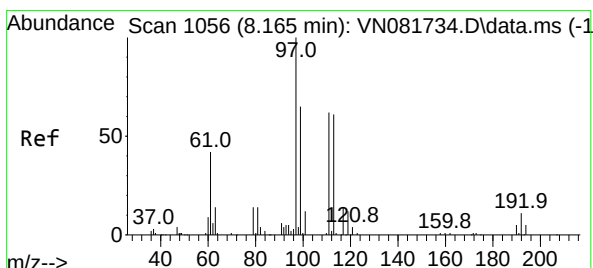
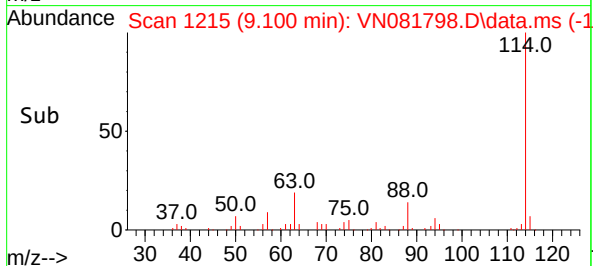
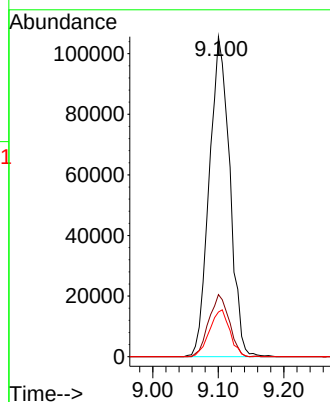
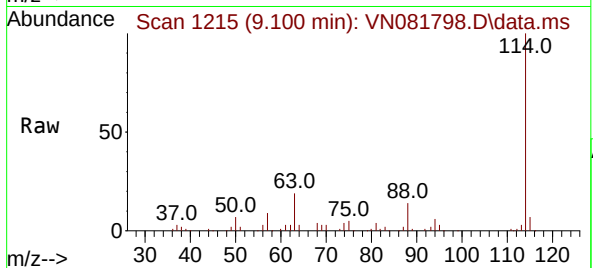
Tgt Ion:114 Resp: 228576

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.0

88 14.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 85.442 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081798.D

Acq: 18 Apr 2024 19:30

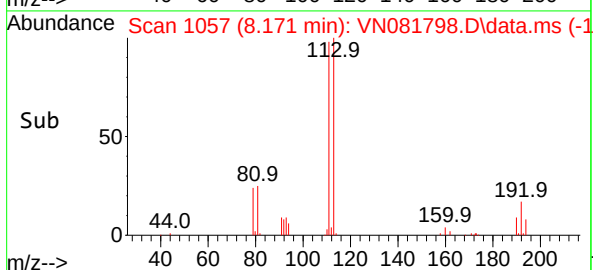
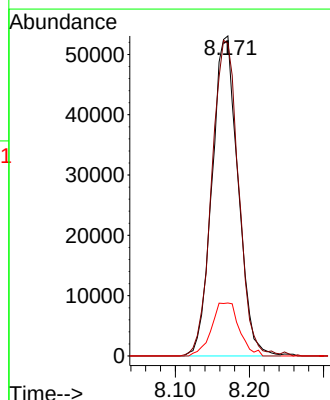
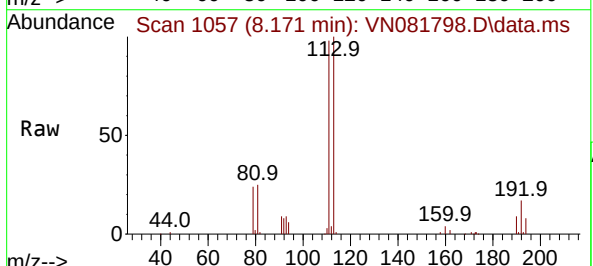
Tgt Ion:113 Resp: 128965

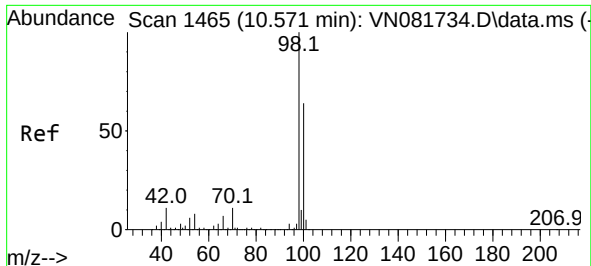
Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

192 17.7 14.0 21.0

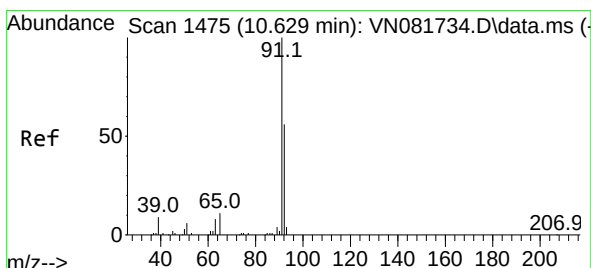
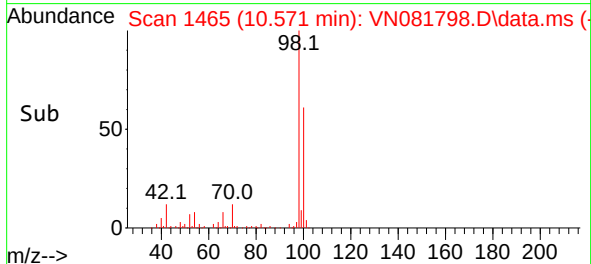
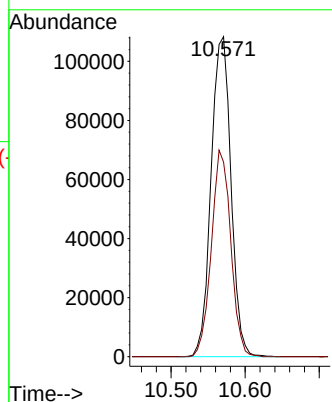
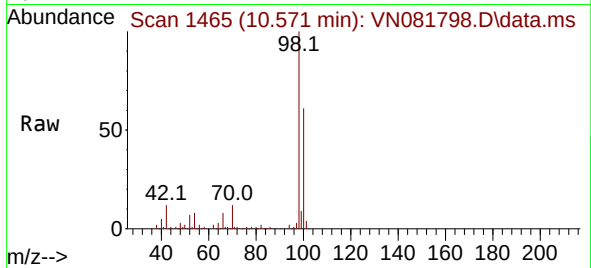




#50
Toluene-d8
Concen: 36.314 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081798.D
Acq: 18 Apr 2024 19:30

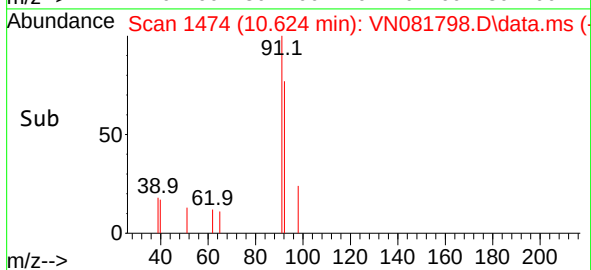
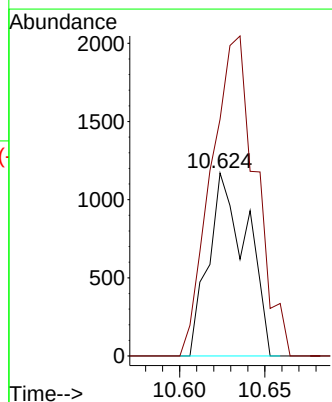
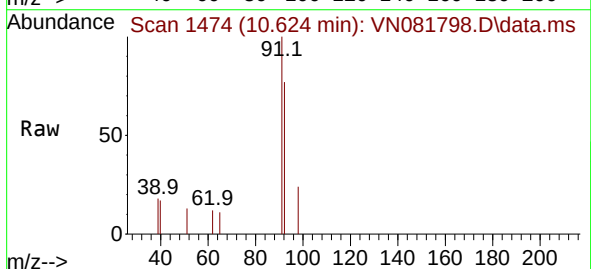
Instrument :
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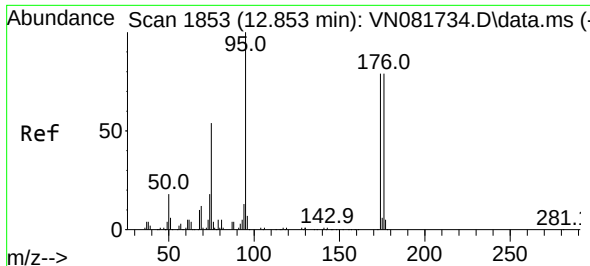
Tgt Ion: 98 Resp: 201926
Ion Ratio Lower Upper
98 100
100 62.9 51.8 77.6



#52
Toluene
Concen: 0.442 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.005 min
Lab File: VN081798.D
Acq: 18 Apr 2024 19:30

Tgt Ion: 92 Resp: 1841
Ion Ratio Lower Upper
92 100
91 203.1 136.7 205.1

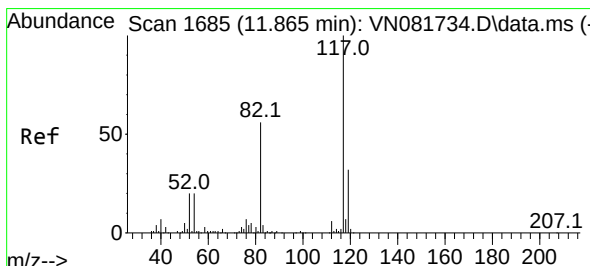
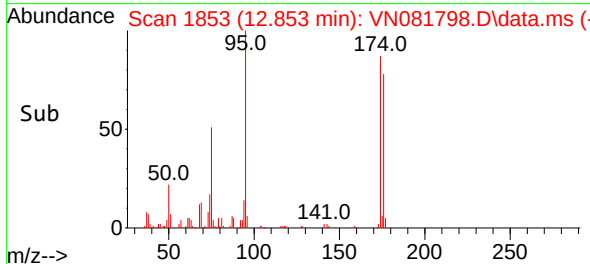
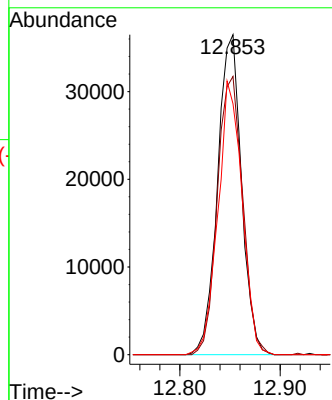
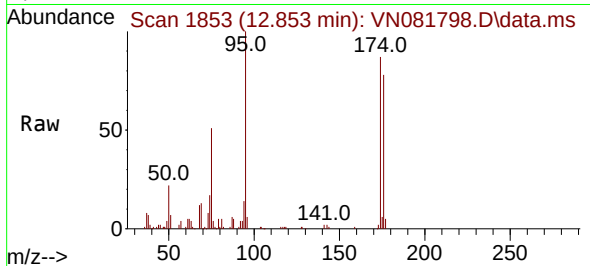




#62
4-Bromofluorobenzene
Concen: 31.780 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081798.D
Acq: 18 Apr 2024 19:30

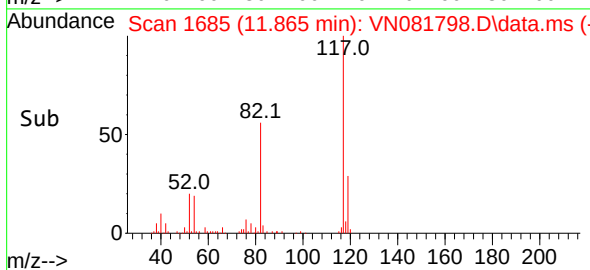
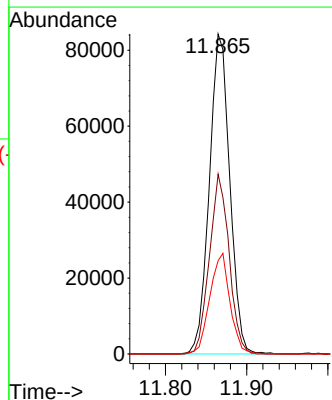
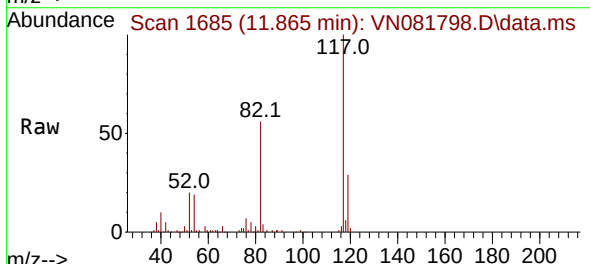
Instrument :
MSVOA_N
ClientSampleId :
4827

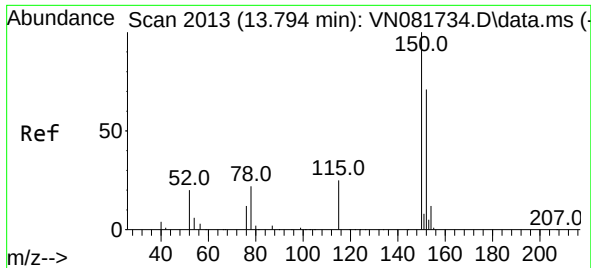
Tgt Ion: 95 Resp: 60388
Ion Ratio Lower Upper
95 100
174 91.9 0.0 160.6
176 86.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081798.D
Acq: 18 Apr 2024 19:30

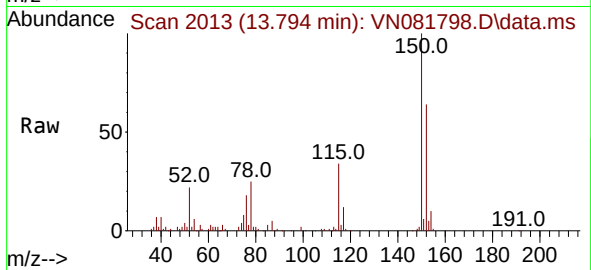
Tgt Ion: 117 Resp: 147263
Ion Ratio Lower Upper
117 100
82 56.2 44.6 66.8
119 29.1 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081798.D
Acq: 18 Apr 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :
4827



Tgt Ion:152 Resp: 64615
Ion Ratio Lower Upper
152 100
115 57.9 30.4 91.3
150 160.9 0.0 353.2

