

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078518.D
 Acq On : 14 Jul 2023 13:33
 Operator : JC\MD
 Sample : PB154166TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154166TB

Quant Time: Jul 15 04:00:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

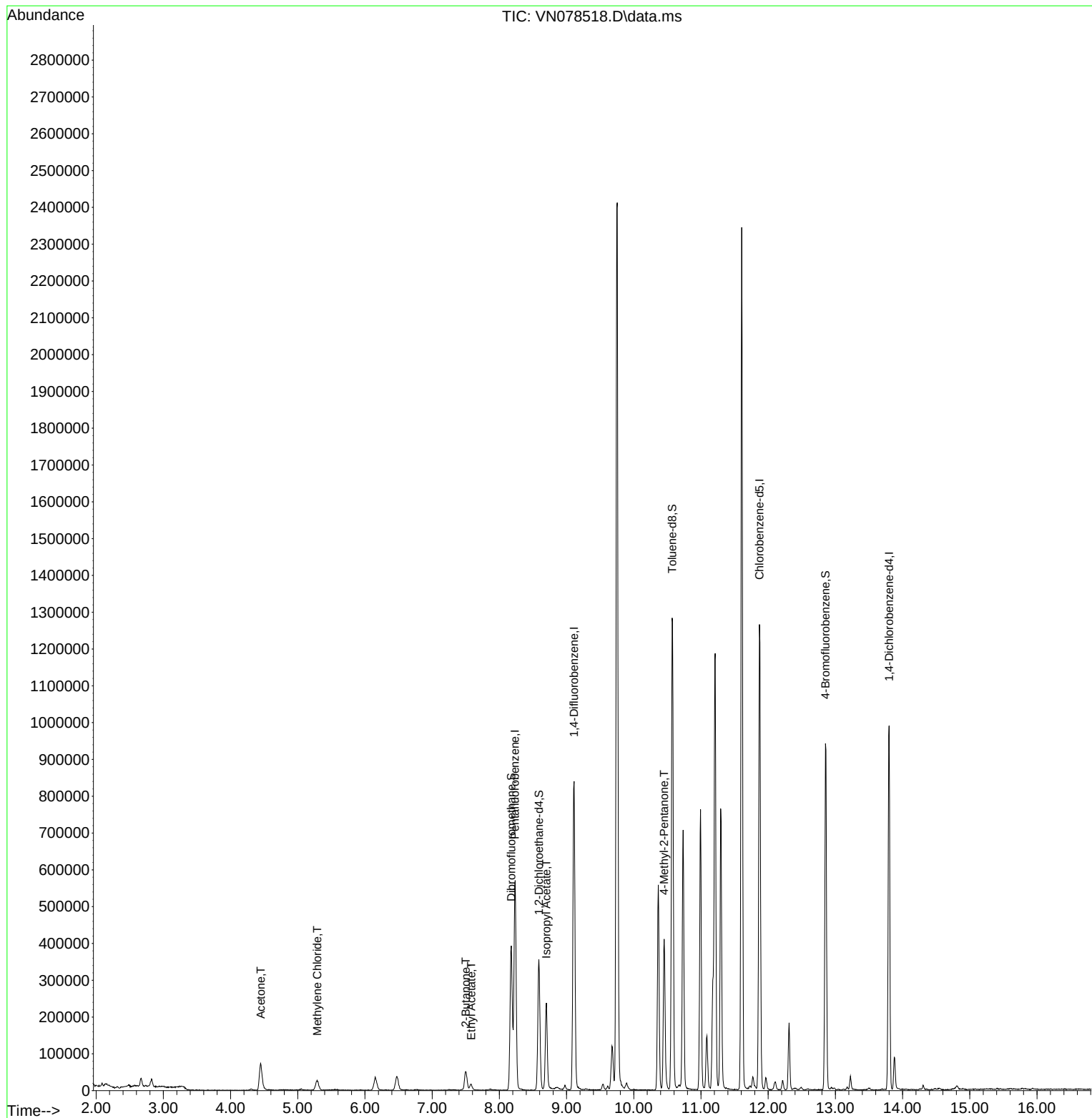
Internal Standards						
1) Pentafluorobenzene	8.229	168	420896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	768141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	772021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	276410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	284264	50.379	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.760%		
35) Dibromofluoromethane	8.177	113	285375	54.728	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.460%		
50) Toluene-d8	10.570	98	934500	47.440	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.880%		
62) 4-Bromofluorobenzene	12.853	95	333640	54.988	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.980%		
Target Compounds						
						Qvalue
16) Acetone	4.447	43	134034	76.257	ug/l	94
20) Methylene Chloride	5.288	84	22427	3.306	ug/l	92
25) 2-Butanone	7.500	43	81429	29.431	ug/l #	86
37) Ethyl Acetate	7.582	43	21656	3.450	ug/l	98
43) Isopropyl Acetate	8.700	43	257568	24.926	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	280345	45.612	ug/l	92

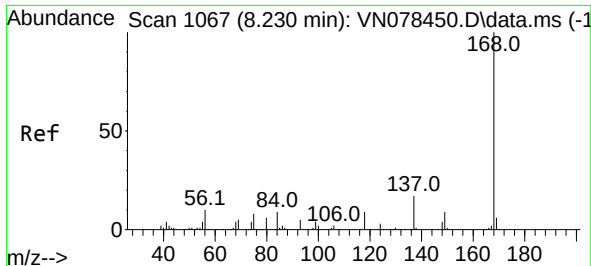
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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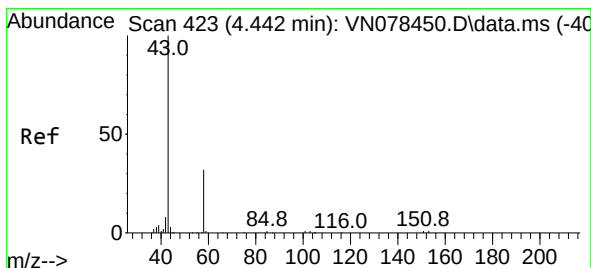
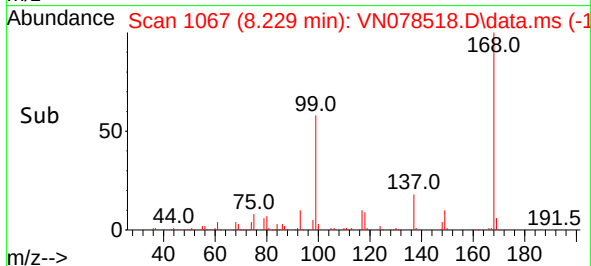
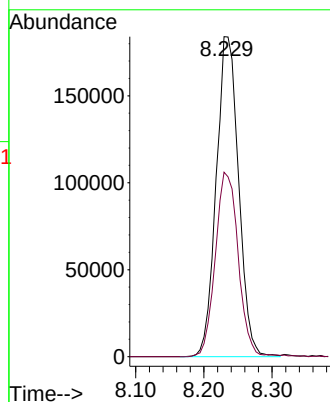
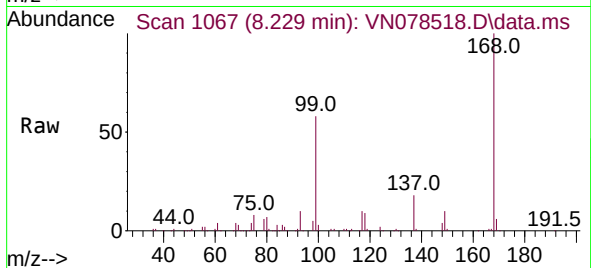




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078518.D
Acq: 14 Jul 2023 13:33

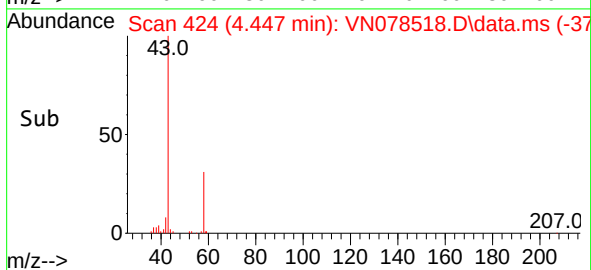
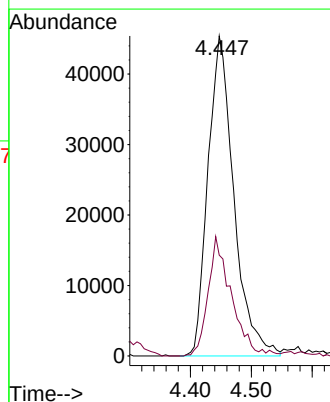
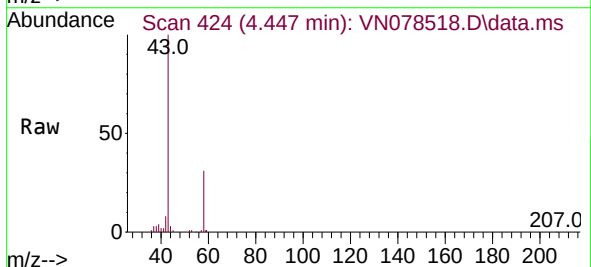
Instrument :
MSVOA_N
ClientSampleId :
PB154166TB

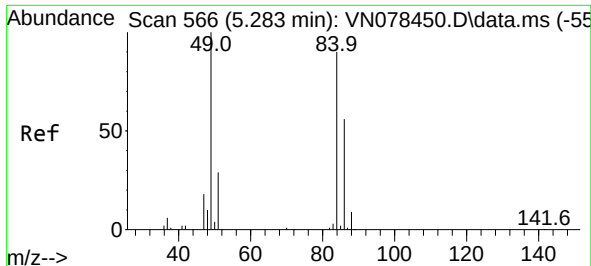
Tgt Ion:168 Resp: 420896
Ion Ratio Lower Upper
168 100
99 57.6 53.0 79.6



#16
Acetone
Concen: 76.257 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078518.D
Acq: 14 Jul 2023 13:33

Tgt Ion: 43 Resp: 134034
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0

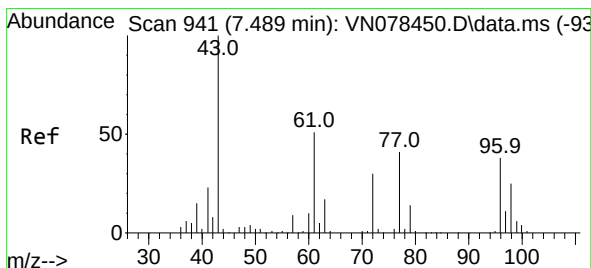
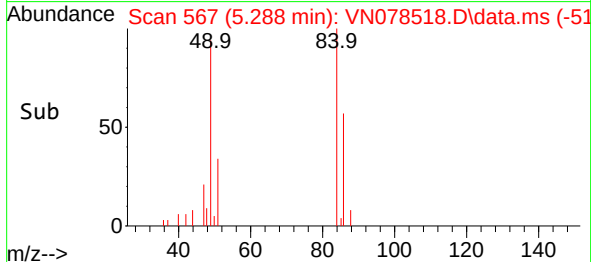
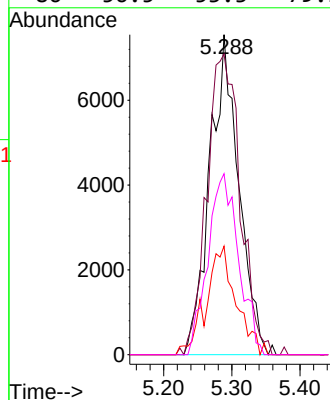
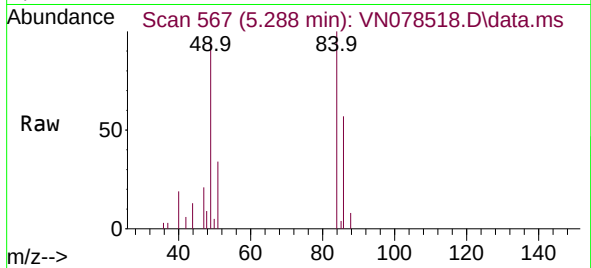




#20
Methylene Chloride
Concen: 3.306 ug/l
RT: 5.288 min Scan# 501
Delta R.T. 0.005 min
Lab File: VN078518.D
Acq: 14 Jul 2023 13:33

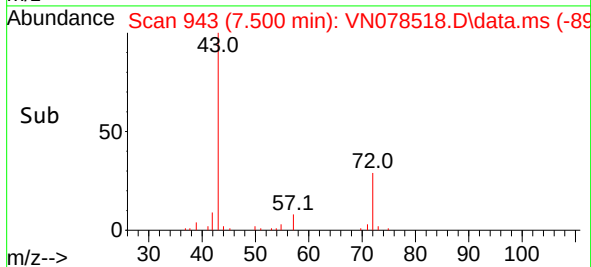
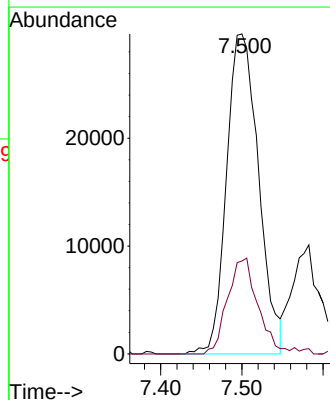
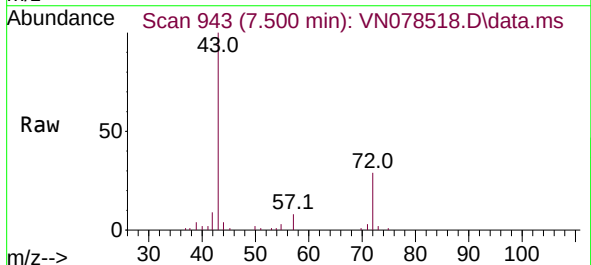
Instrument :
MSVOA_N
ClientSampleId :
PB154166TB

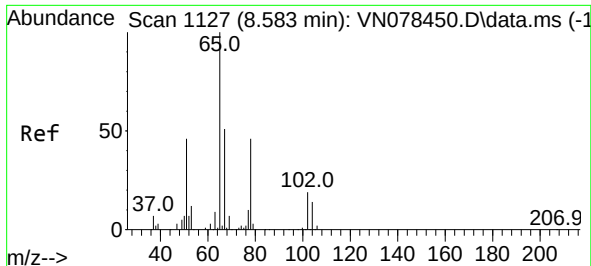
Tgt Ion:	84	Resp:	22427
Ion	Ratio	Lower	Upper
84	100		
49	94.0	79.7	119.5
51	33.9	25.2	37.8
86	56.5	53.3	79.9



#25
2-Butanone
Concen: 29.431 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078518.D
Acq: 14 Jul 2023 13:33

Tgt Ion:	43	Resp:	81429
Ion	Ratio	Lower	Upper
43	100		
72	29.1	30.2	45.2#

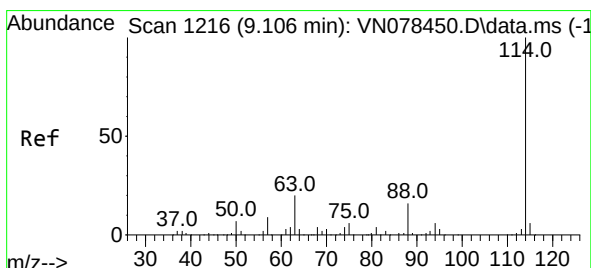
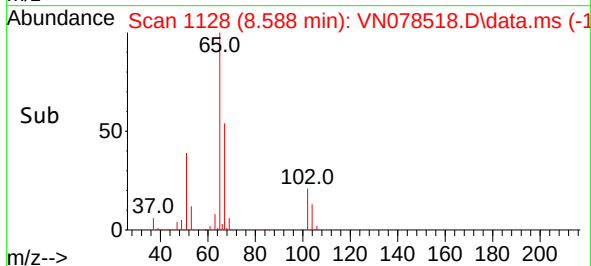
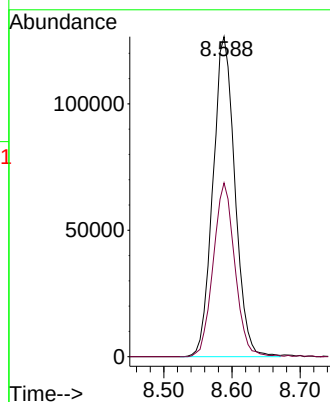
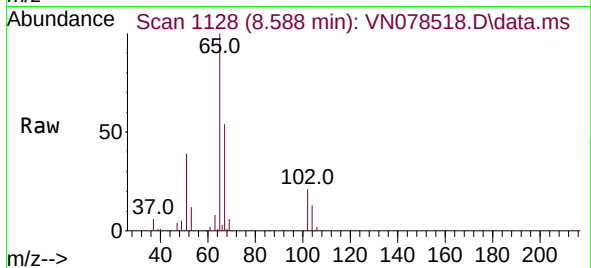




#33
1,2-Dichloroethane-d4
Concen: 50.379 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078518.D
Acq: 14 Jul 2023 13:33

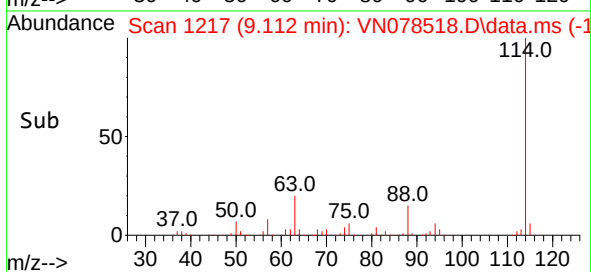
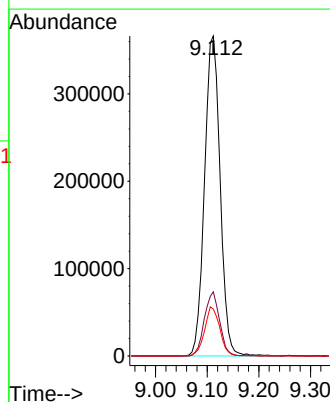
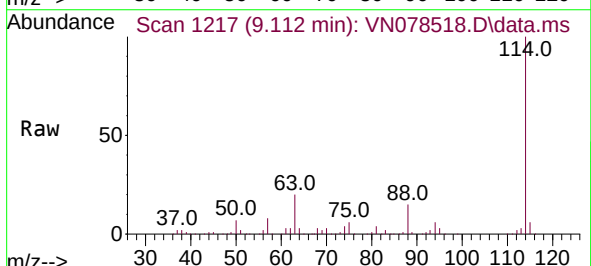
Instrument :
MSVOA_N
ClientSampleId :
PB154166TB

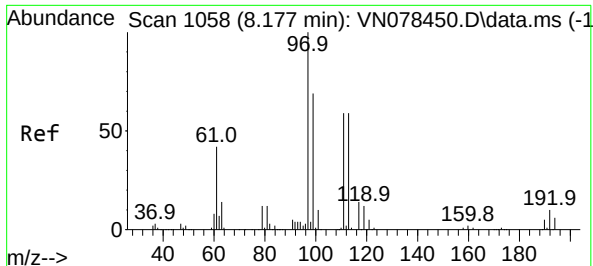
Tgt Ion: 65 Resp: 284264
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078518.D
Acq: 14 Jul 2023 13:33

Tgt Ion: 114 Resp: 768141
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.4
88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.728 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078518.D

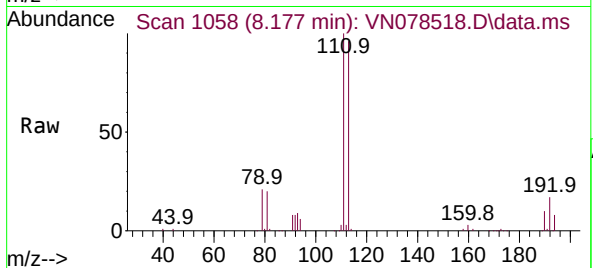
Acq: 14 Jul 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB154166TB



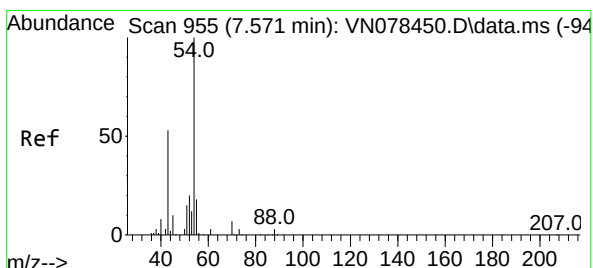
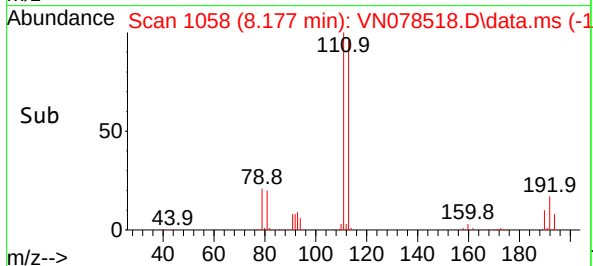
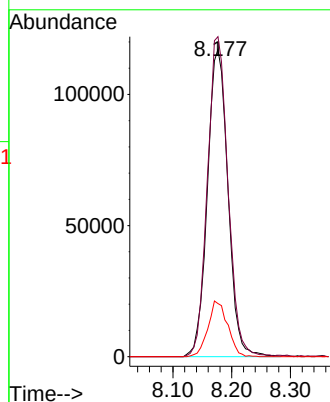
Tgt Ion:113 Resp: 285375

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 17.3 12.7 19.1



#37

Ethyl Acetate

Concen: 3.450 ug/l

RT: 7.582 min Scan# 957

Delta R.T. 0.011 min

Lab File: VN078518.D

Acq: 14 Jul 2023 13:33

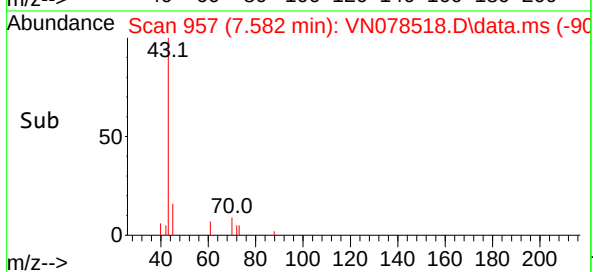
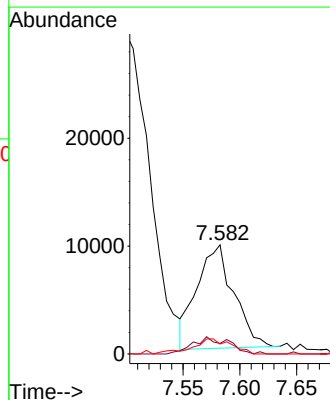
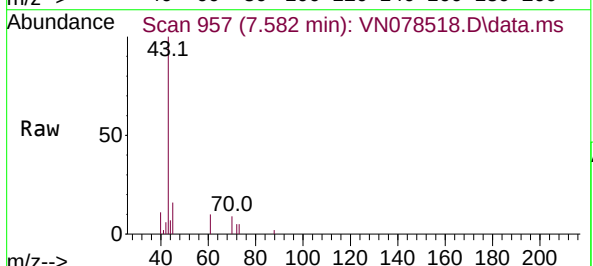
Tgt Ion: 43 Resp: 21656

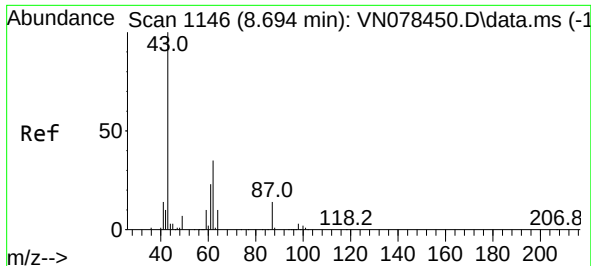
Ion Ratio Lower Upper

43 100

61 16.1 13.2 19.8

70 15.3 11.3 16.9





#43

Isopropyl Acetate

Concen: 24.926 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN078518.D

Acq: 14 Jul 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB154166TB

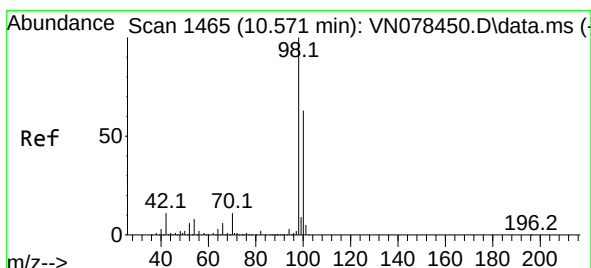
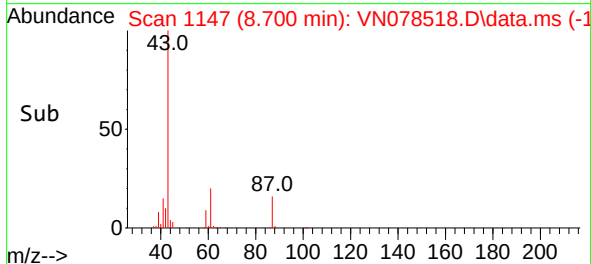
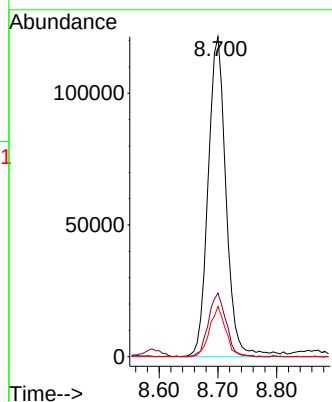
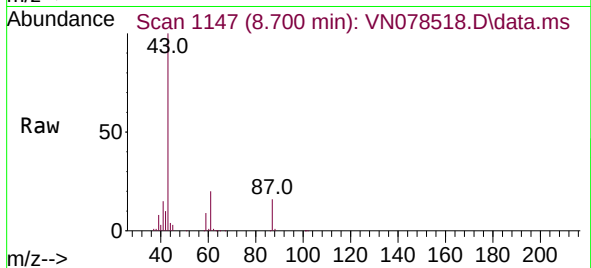
Tgt Ion: 43 Resp: 257568

Ion Ratio Lower Upper

43 100

61 19.6 24.7 37.1#

87 14.1 14.6 21.8#



#50

Toluene-d8

Concen: 47.440 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078518.D

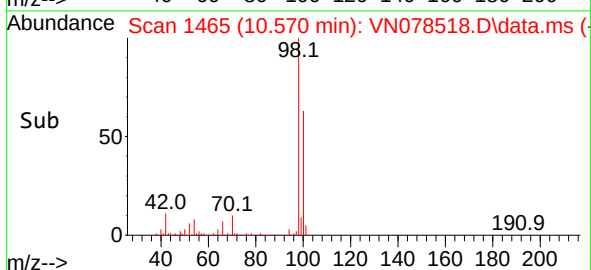
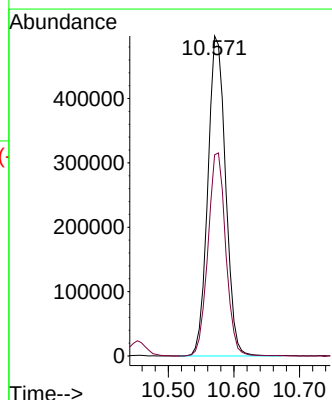
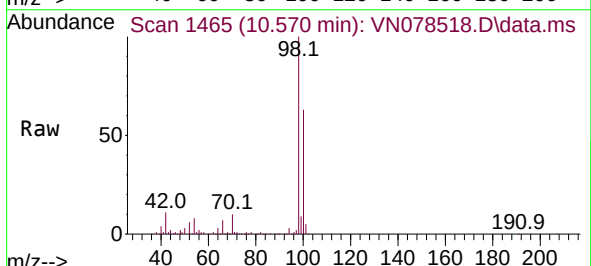
Acq: 14 Jul 2023 13:33

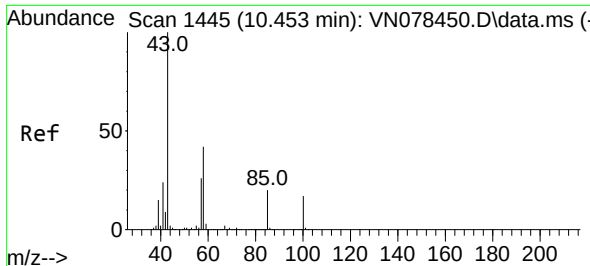
Tgt Ion: 98 Resp: 934500

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

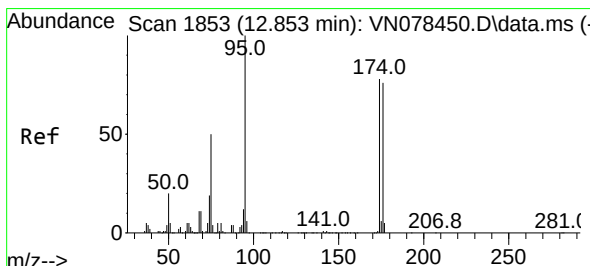
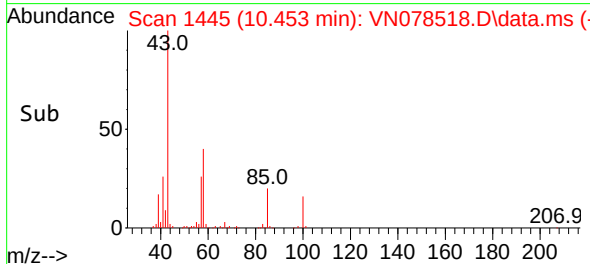
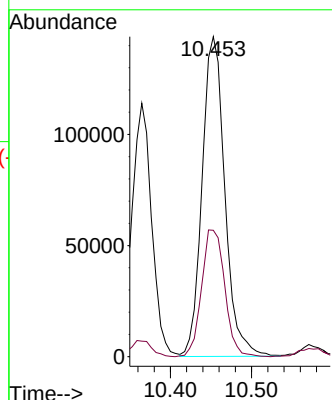
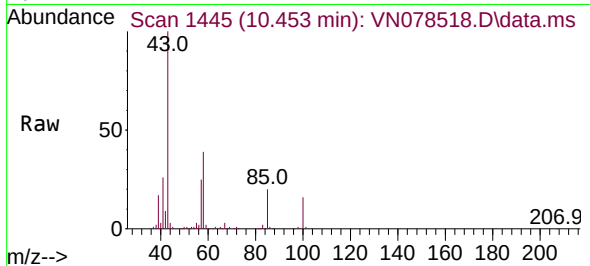




#51
4-Methyl-2-Pentanone
Concen: 45.612 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078518.D
Acq: 14 Jul 2023 13:33

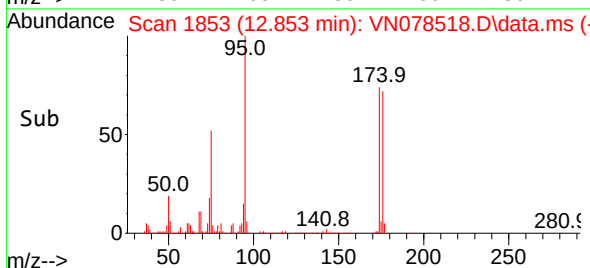
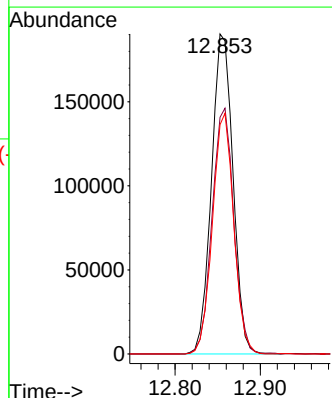
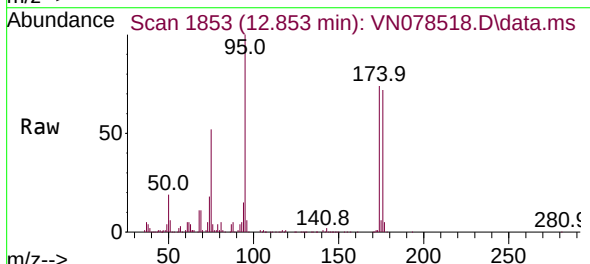
Instrument :
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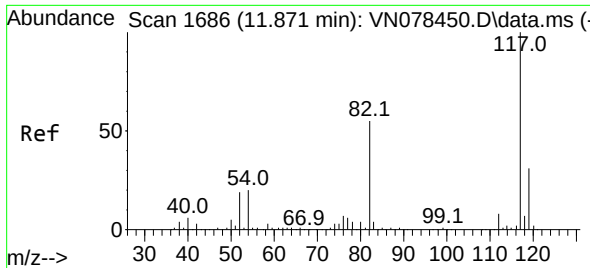
Tgt Ion: 43 Resp: 280345
Ion Ratio Lower Upper
43 100
58 40.3 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 54.988 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078518.D
Acq: 14 Jul 2023 13:33

Tgt Ion: 95 Resp: 333640
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 74.2 0.0 135.8

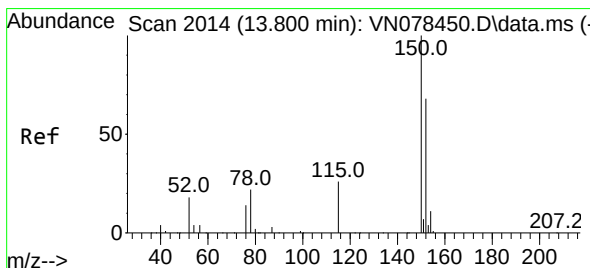
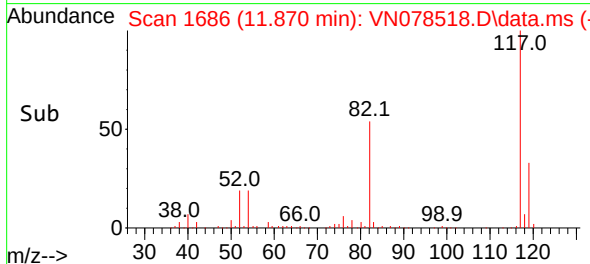
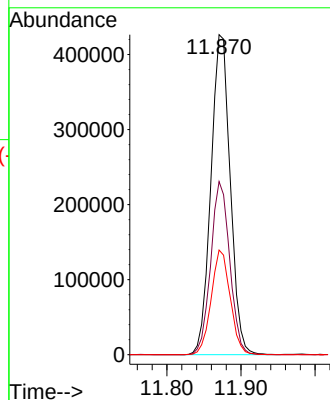
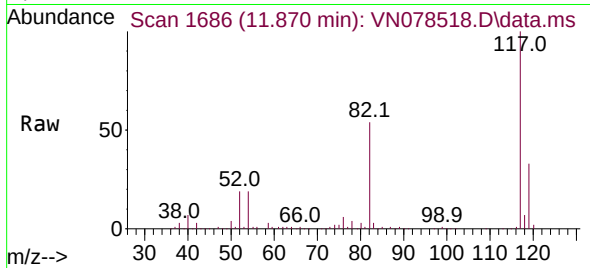




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078518.D
Acq: 14 Jul 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
PB154166TB

Tgt Ion:117 Resp: 772021
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078518.D
Acq: 14 Jul 2023 13:33

Tgt Ion:152 Resp: 276410
Ion Ratio Lower Upper
152 100
115 59.2 32.3 96.8
150 152.0 0.0 355.8

