

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078667.D
 Acq On : 27 Jul 2023 18:09
 Operator : JC\MD
 Sample : PB154443ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154443ZHE#04

Quant Time: Jul 28 01:10:24 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)

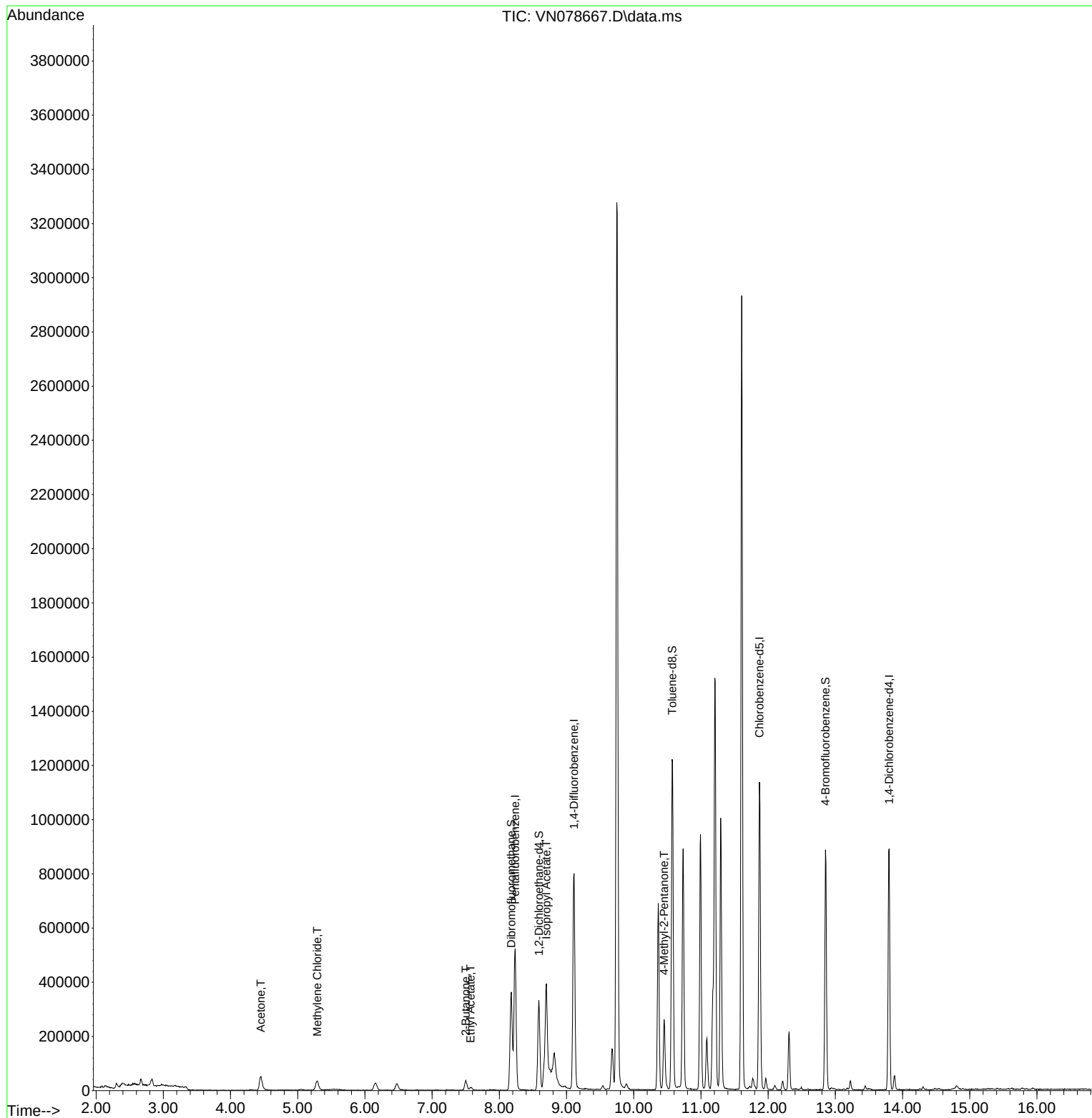
Internal Standards						
1) Pentafluorobenzene	8.236	168	400672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	729576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	695957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	255475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	258127	48.056	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.120%
35) Dibromofluoromethane	8.177	113	261121	52.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.440%
50) Toluene-d8	10.571	98	891630	47.657	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.853	95	298309	51.764	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.520%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	94259	56.334	ug/l	100
20) Methylene Chloride	5.289	84	27592	4.640	ug/l	99
25) 2-Butanone	7.500	43	54748	20.786	ug/l	91
37) Ethyl Acetate	7.571	43	17217	2.888	ug/l #	95
43) Isopropyl Acetate	8.700	43	516695	52.646	ug/l #	73
51) 4-Methyl-2-Pentanone	10.453	43	176974	30.315	ug/l	90

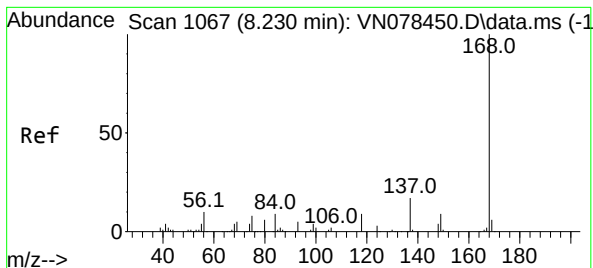
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078667.D

Acq: 27 Jul 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

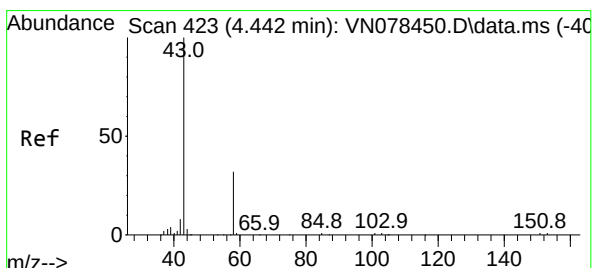
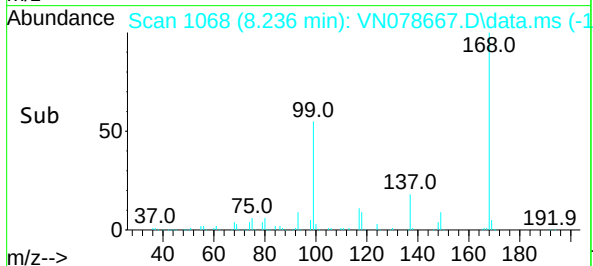
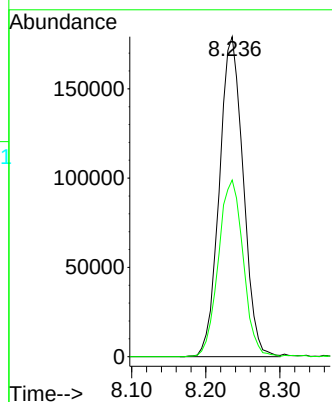
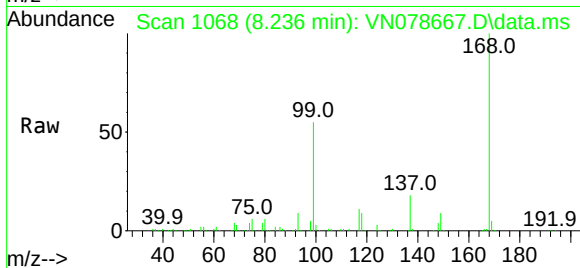
PB154443ZHE#04

Tgt Ion:168 Resp: 400672

Ion Ratio Lower Upper

168 100

99 55.2 53.0 79.6



#16

Acetone

Concen: 56.334 ug/l

RT: 4.448 min Scan# 424

Delta R.T. 0.006 min

Lab File: VN078667.D

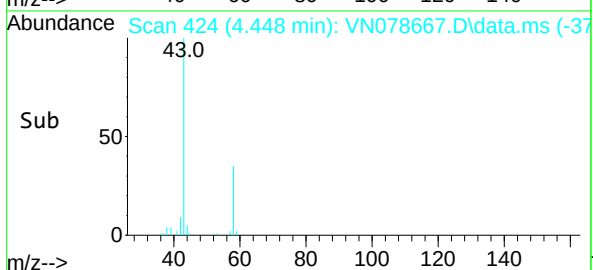
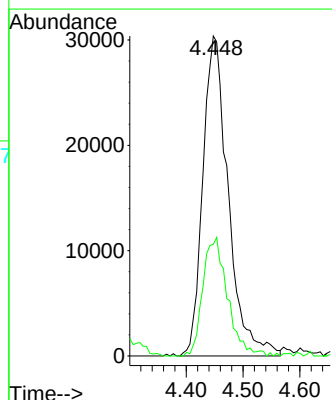
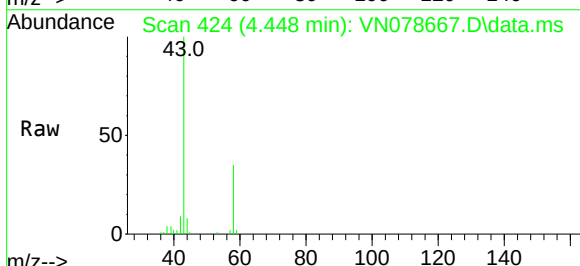
Acq: 27 Jul 2023 18:09

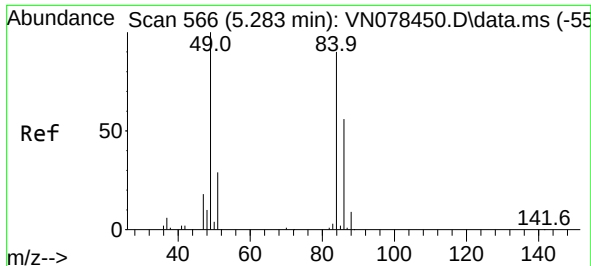
Tgt Ion: 43 Resp: 94259

Ion Ratio Lower Upper

43 100

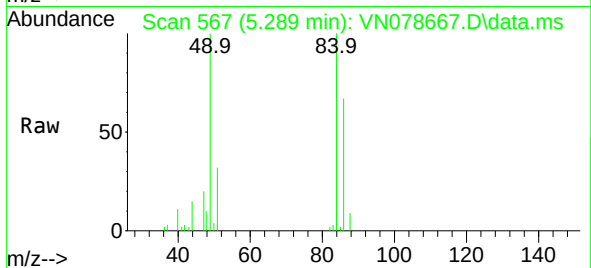
58 34.9 28.0 42.0



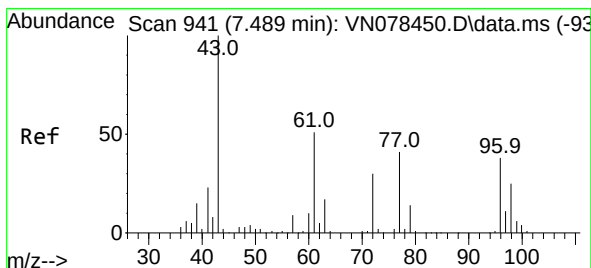
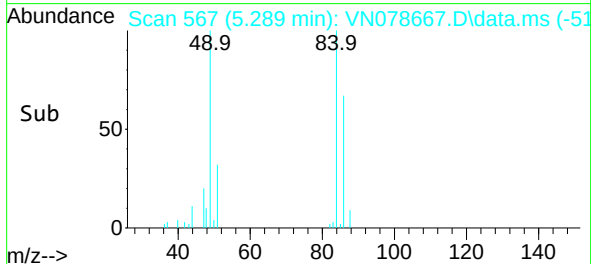
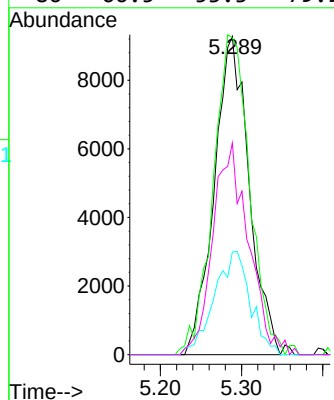


#20
Methylene Chloride
Concen: 4.640 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078667.D
Acq: 27 Jul 2023 18:09

Instrument :
MSVOA_N
ClientSampleId :
PB154443ZHE#04

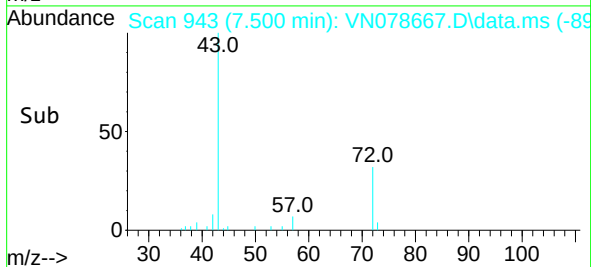
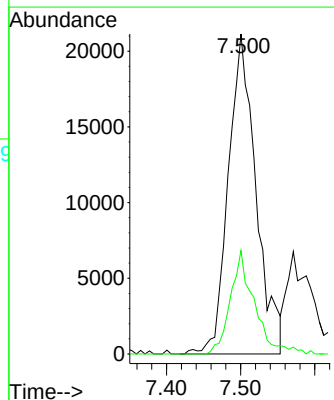
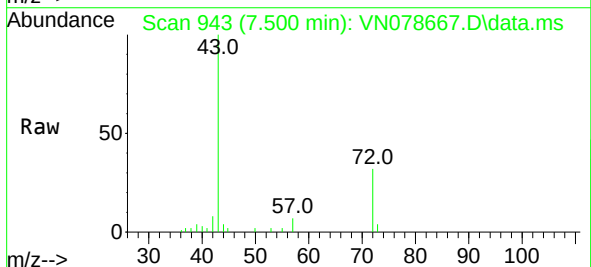


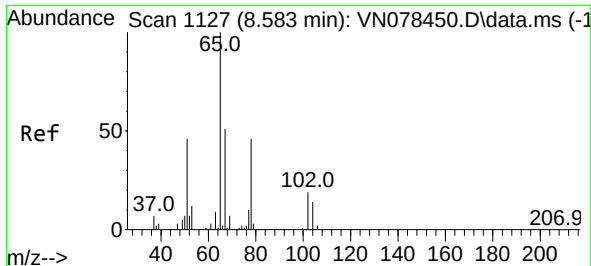
Tgt Ion: 84	Resp: 27592
Ion Ratio	Lower Upper
84 100	
49 97.7	79.7 119.5
51 32.3	25.2 37.8
86 66.5	53.3 79.9



#25
2-Butanone
Concen: 20.786 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078667.D
Acq: 27 Jul 2023 18:09

Tgt Ion: 43	Resp: 54748
Ion Ratio	Lower Upper
43 100	
72 32.3	30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 48.056 ug/l

RT: 8.589 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078667.D

Acq: 27 Jul 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

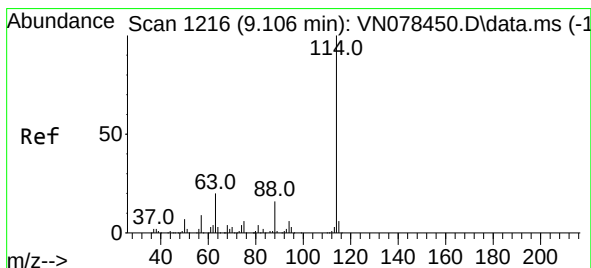
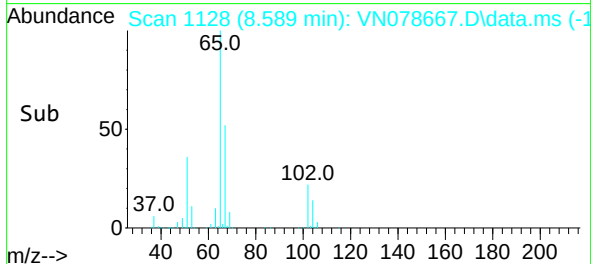
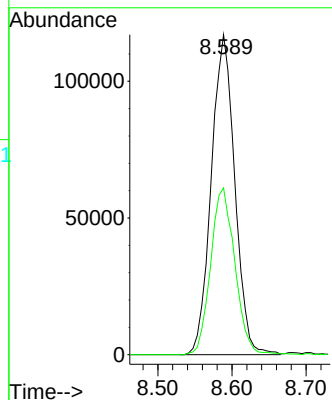
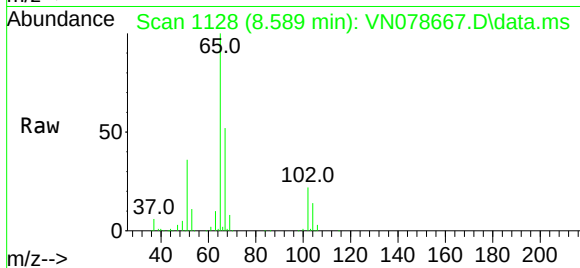
PB154443ZHE#04

Tgt Ion: 65 Resp: 258127

Ion Ratio Lower Upper

65 100

67 53.7 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: VN078667.D

Acq: 27 Jul 2023 18:09

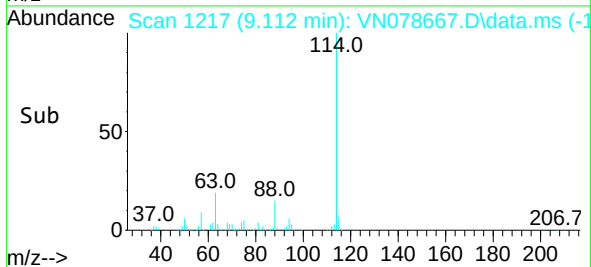
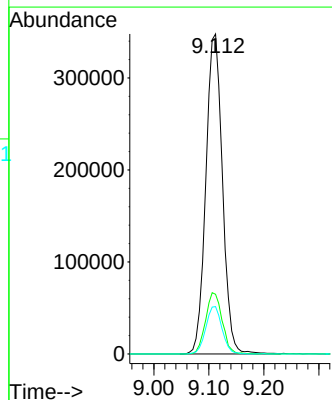
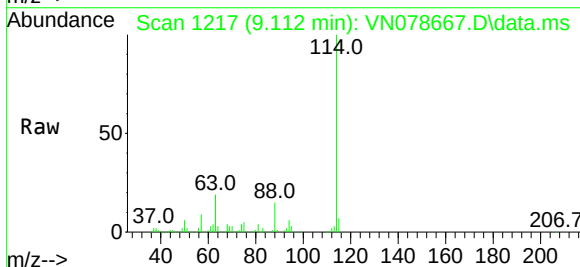
Tgt Ion: 114 Resp: 729576

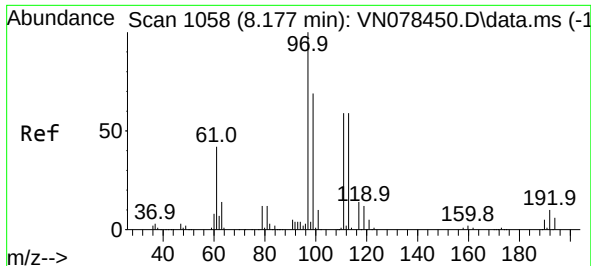
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

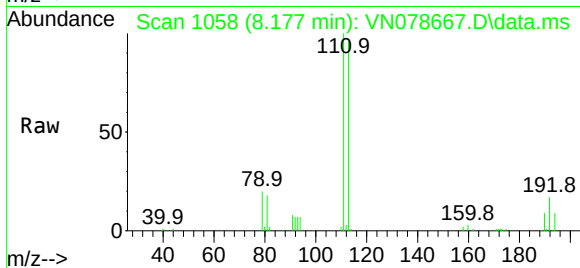
88 14.8 0.0 30.6



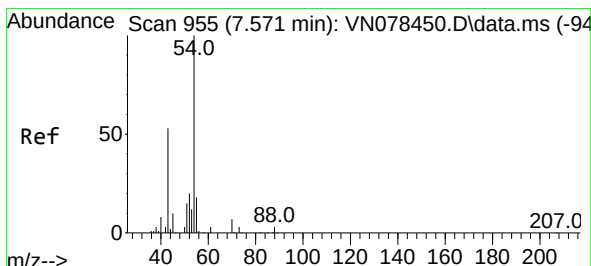
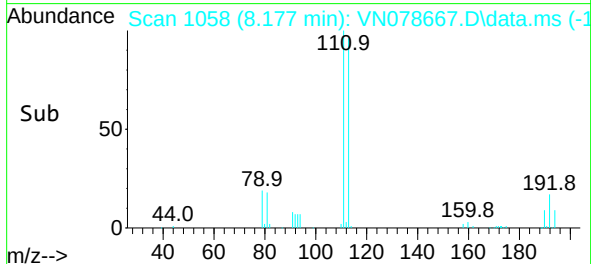
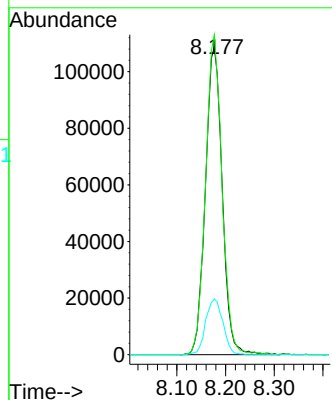


#35
Dibromofluoromethane
Concen: 52.724 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078667.D
Acq: 27 Jul 2023 18:09

Instrument :
MSVOA_N
ClientSampleId :
PB154443ZHE#04

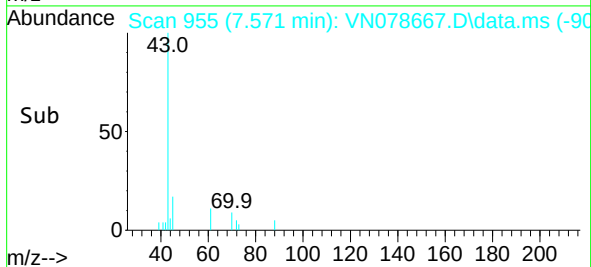
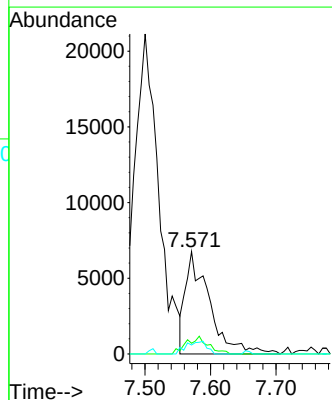
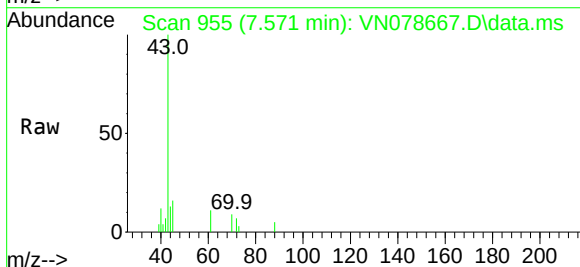


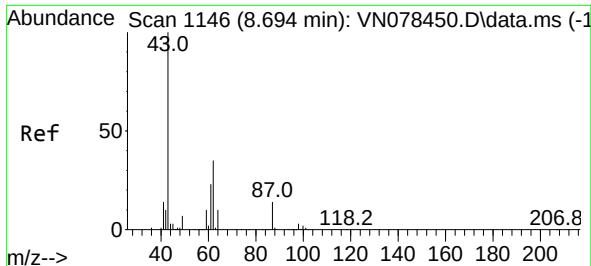
Tgt Ion:113 Resp: 261121
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 18.6 12.7 19.1



#37
Ethyl Acetate
Concen: 2.888 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078667.D
Acq: 27 Jul 2023 18:09

Tgt Ion: 43 Resp: 17217
Ion Ratio Lower Upper
43 100
61 15.5 13.2 19.8
70 10.4 11.3 16.9#

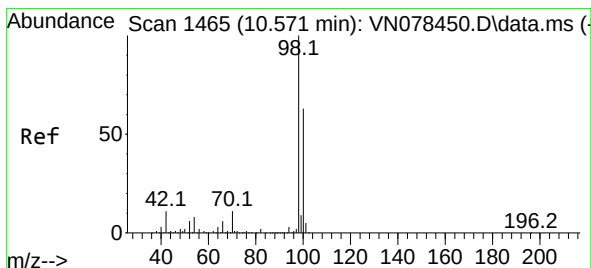
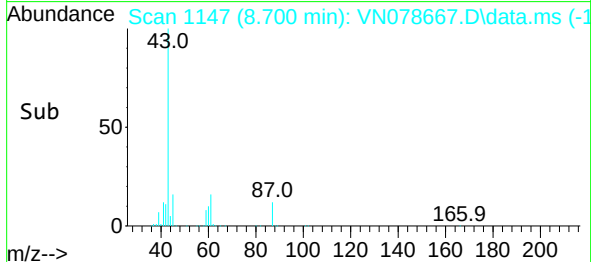
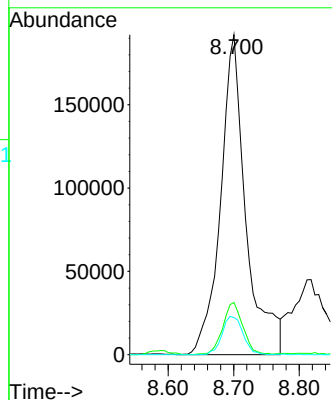
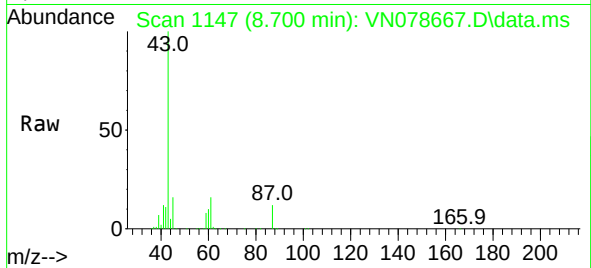




#43
Isopropyl Acetate
Concen: 52.646 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078667.D
Acq: 27 Jul 2023 18:09

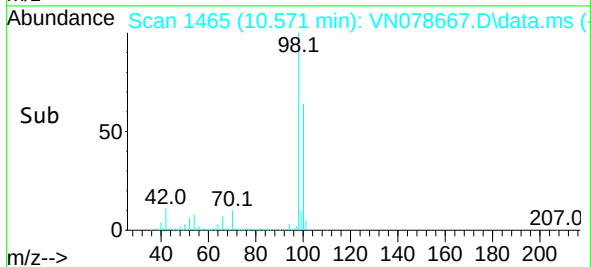
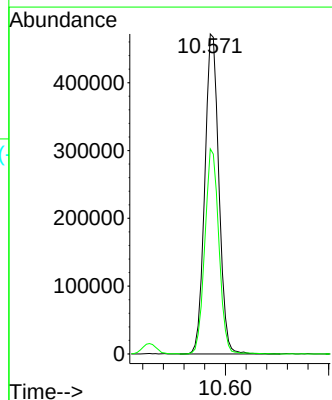
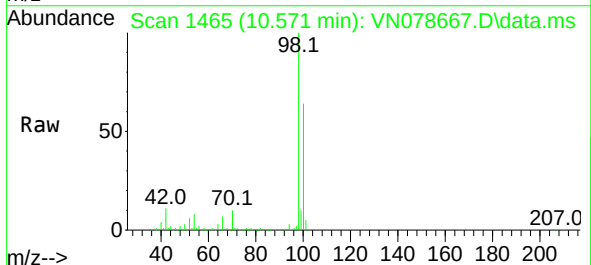
Instrument :
MSVOA_N
ClientSampleId :
PB154443ZHE#04

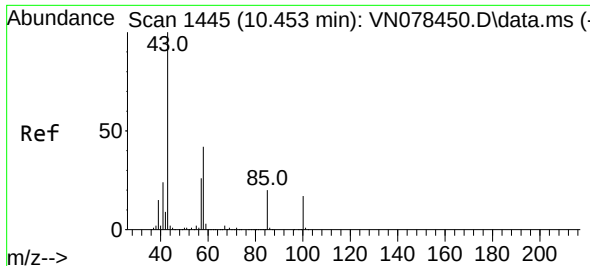
Tgt Ion: 43 Resp: 516695
Ion Ratio Lower Upper
43 100
61 13.0 24.7 37.1#
87 9.8 14.6 21.8#



#50
Toluene-d8
Concen: 47.657 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078667.D
Acq: 27 Jul 2023 18:09

Tgt Ion: 98 Resp: 891630
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

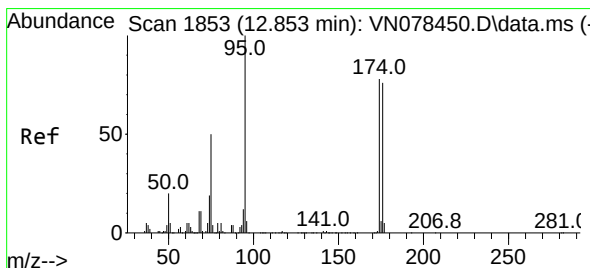
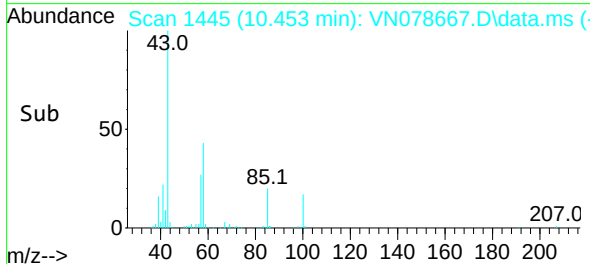
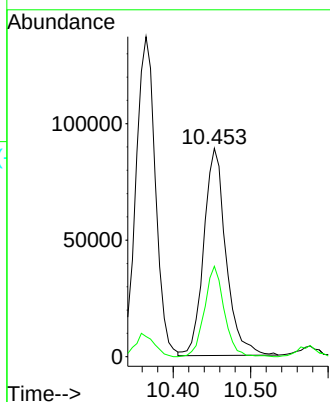
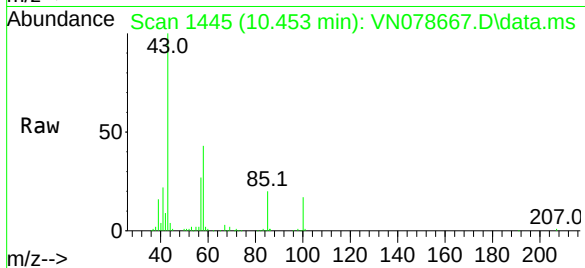




#51
4-Methyl-2-Pentanone
Concen: 30.315 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078667.D
Acq: 27 Jul 2023 18:09

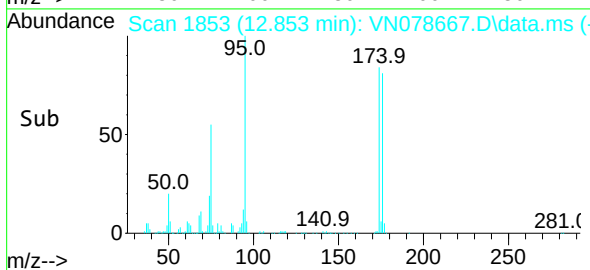
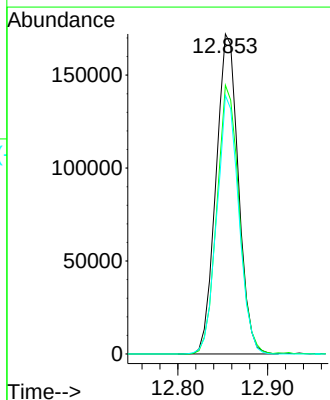
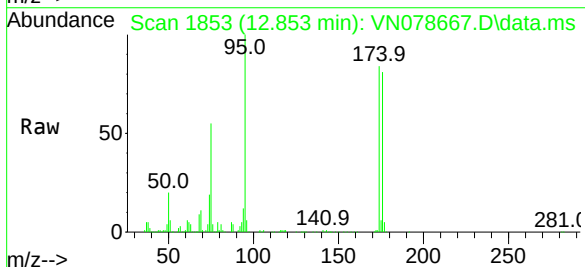
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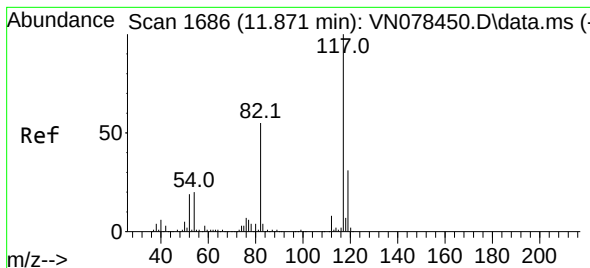
Tgt Ion: 43 Resp: 176974
Ion Ratio Lower Upper
43 100
58 38.9 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 51.764 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078667.D
Acq: 27 Jul 2023 18:09

Tgt Ion: 95 Resp: 298309
Ion Ratio Lower Upper
95 100
174 83.1 0.0 143.8
176 79.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078667.D

Acq: 27 Jul 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

PB154443ZHE#04

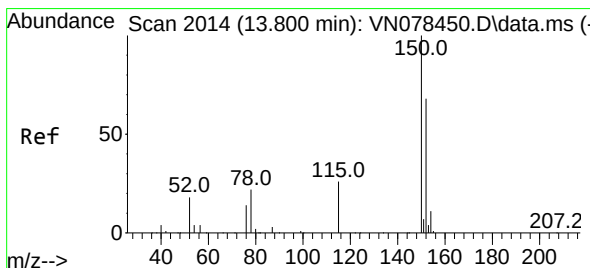
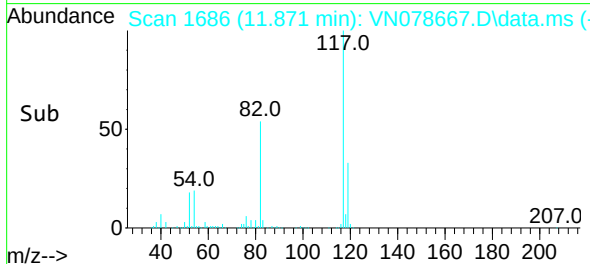
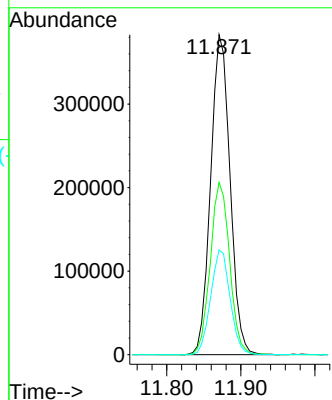
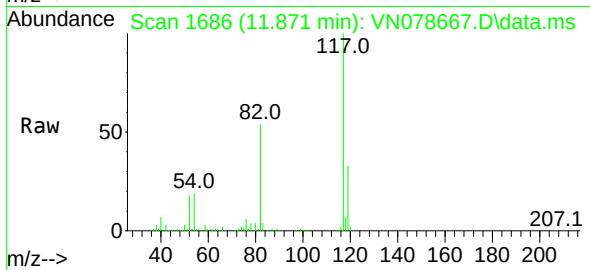
Tgt Ion:117 Resp: 695957

Ion Ratio Lower Upper

117 100

82 53.8 44.0 66.0

119 32.8 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: VN078667.D

Acq: 27 Jul 2023 18:09

Tgt Ion:152 Resp: 255475

Ion Ratio Lower Upper

152 100

115 57.9 32.3 96.8

150 154.0 0.0 355.8

