

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078557.D
 Acq On : 18 Jul 2023 13:37
 Operator : JC\MD
 Sample : PB154251ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154251ZHE#02

Quant Time: Jul 19 01:48:51 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)

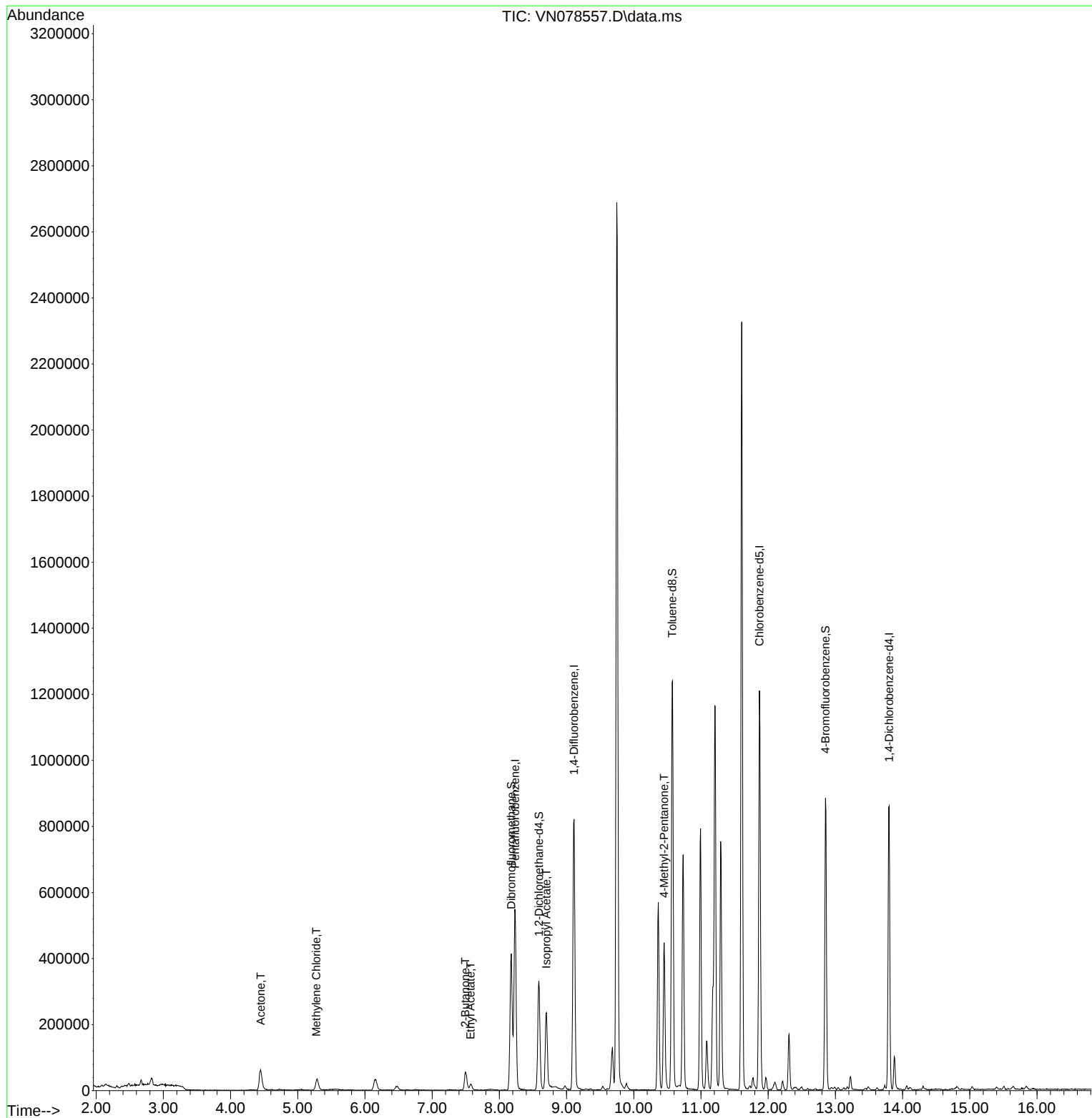
Internal Standards						
1) Pentafluorobenzene	8.235	168	405465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	743370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	715434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	246673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265173	48.784	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.560%		
35) Dibromofluoromethane	8.177	113	292529	57.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	115.940%		
50) Toluene-d8	10.570	98	913345	47.912	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.820%		
62) 4-Bromofluorobenzene	12.853	95	305048	51.951	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.900%		
Target Compounds						
16) Acetone	4.447	43	114522	67.636	ug/l	91
20) Methylene Chloride	5.277	84	25489	4.126	ug/l #	79
25) 2-Butanone	7.494	43	84651	31.760	ug/l #	84
37) Ethyl Acetate	7.571	43	28361	4.669	ug/l #	83
43) Isopropyl Acetate	8.700	43	272913	27.291	ug/l #	85
51) 4-Methyl-2-Pentanone	10.453	43	293976	49.423	ug/l	91

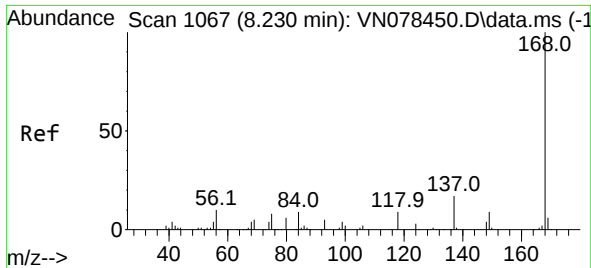
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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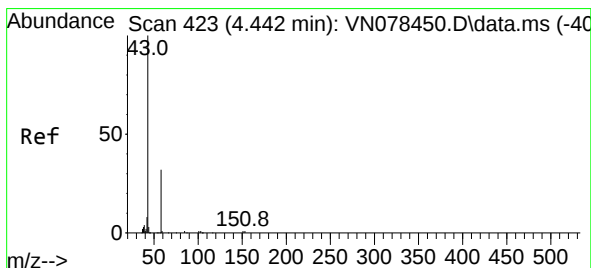
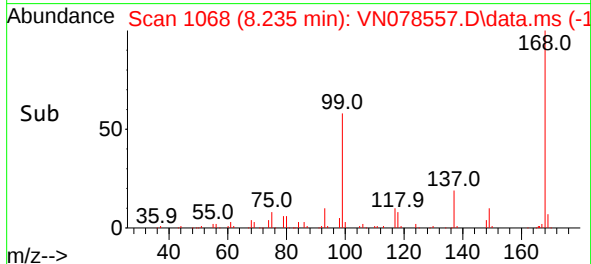
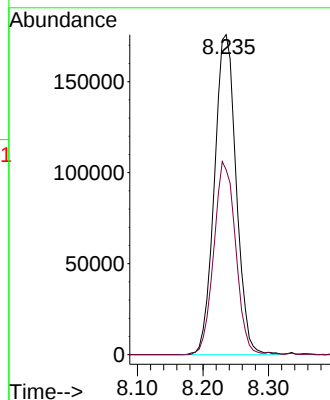
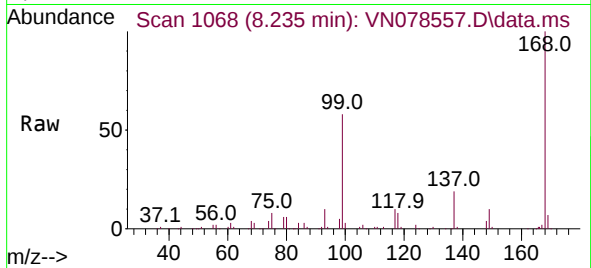




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078557.D
Acq: 18 Jul 2023 13:37

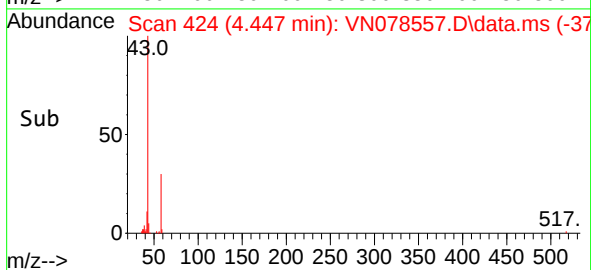
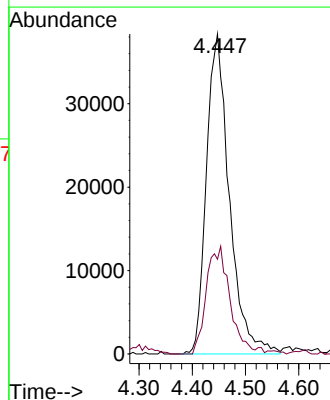
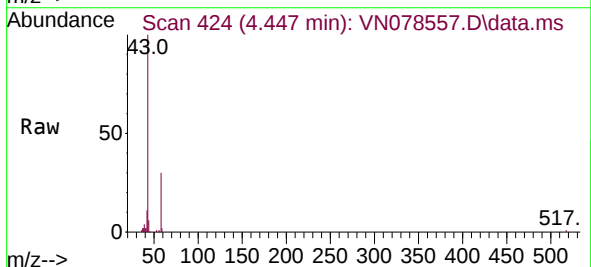
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#02

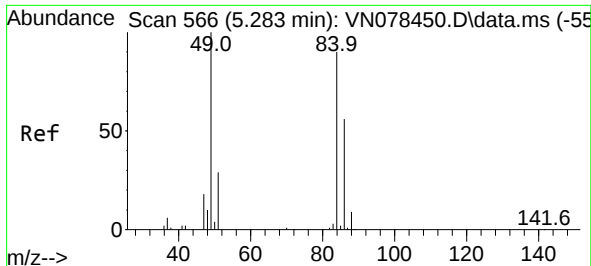
Tgt Ion:168 Resp: 405465
Ion Ratio Lower Upper
168 100
99 57.8 53.0 79.6



#16
Acetone
Concen: 67.636 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078557.D
Acq: 18 Jul 2023 13:37

Tgt Ion: 43 Resp: 114522
Ion Ratio Lower Upper
43 100
58 29.6 28.0 42.0

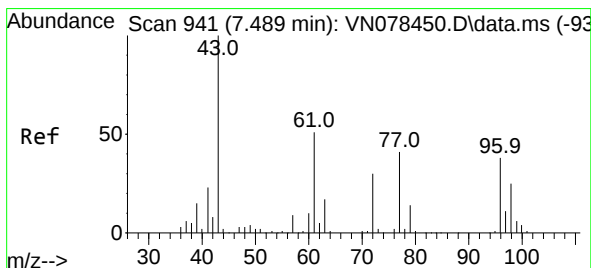
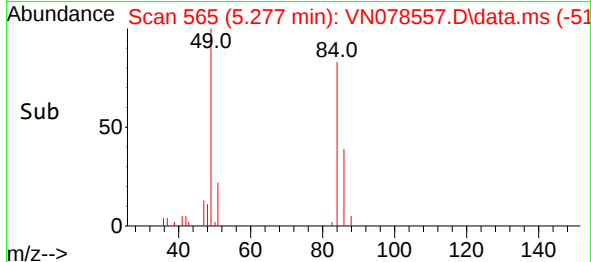
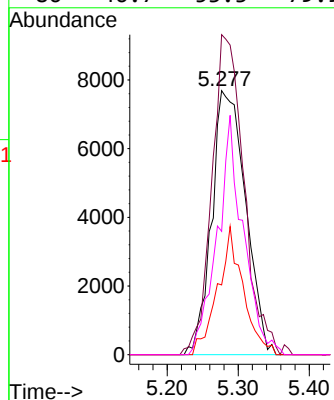
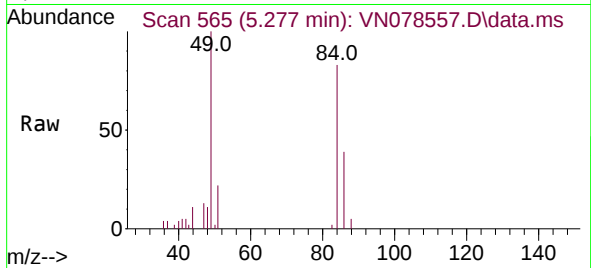




#20
Methylene Chloride
Concen: 4.126 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078557.D
Acq: 18 Jul 2023 13:37

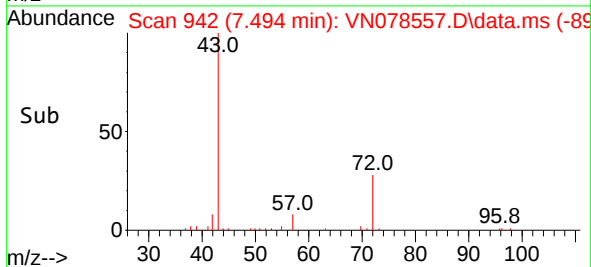
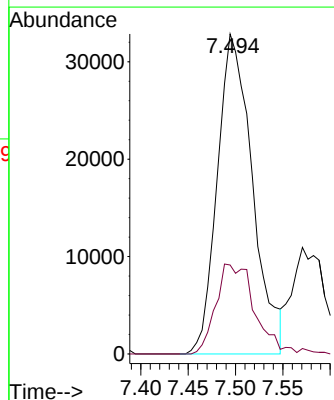
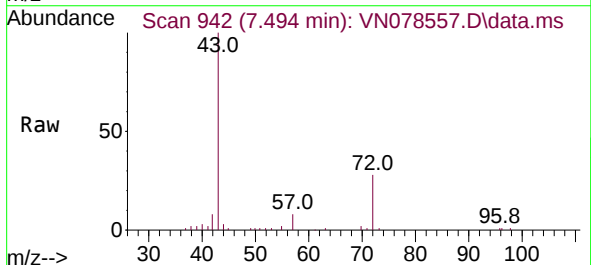
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#02

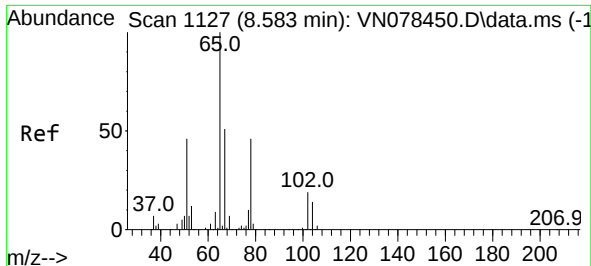
Tgt Ion:	84	Resp:	25489
Ion	Ratio	Lower	Upper
84	100		
49	121.2	79.7	119.5#
51	26.4	25.2	37.8
86	46.7	53.3	79.9#



#25
2-Butanone
Concen: 31.760 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078557.D
Acq: 18 Jul 2023 13:37

Tgt Ion:	43	Resp:	84651
Ion	Ratio	Lower	Upper
43	100		
72	27.8	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 48.784 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078557.D

Acq: 18 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

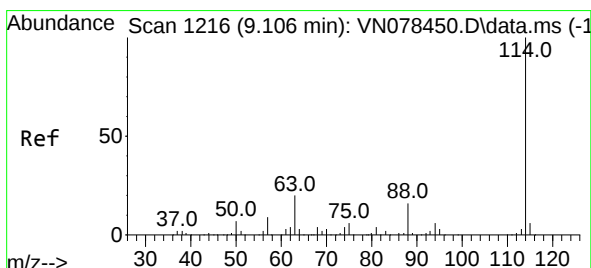
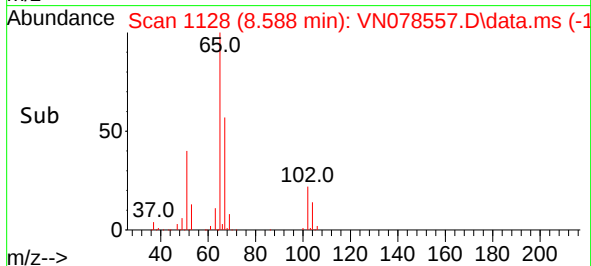
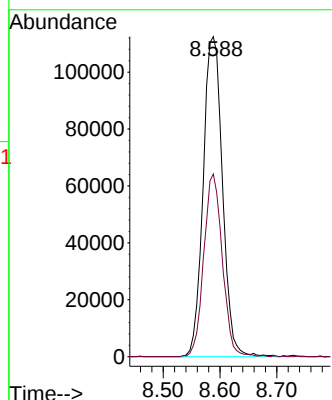
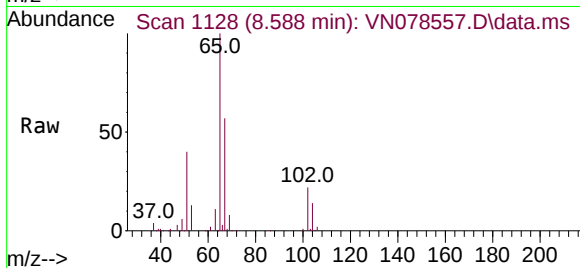
PB154251ZHE#02

Tgt Ion: 65 Resp: 265173

Ion Ratio Lower Upper

65 100

67 54.8 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: VN078557.D

Acq: 18 Jul 2023 13:37

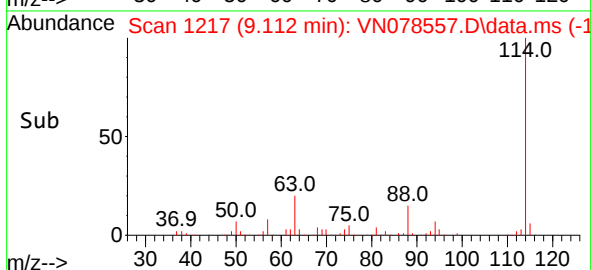
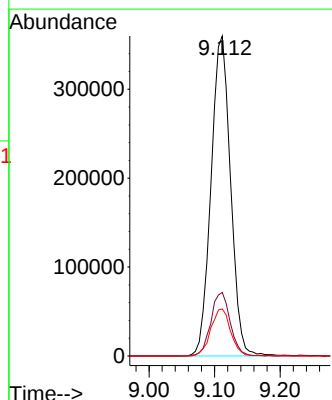
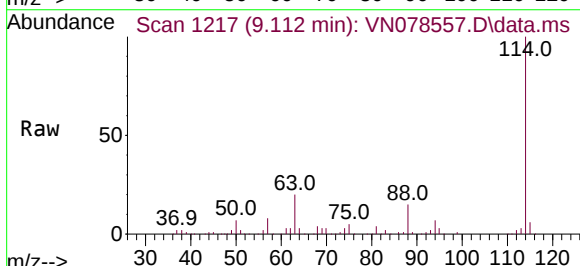
Tgt Ion: 114 Resp: 743370

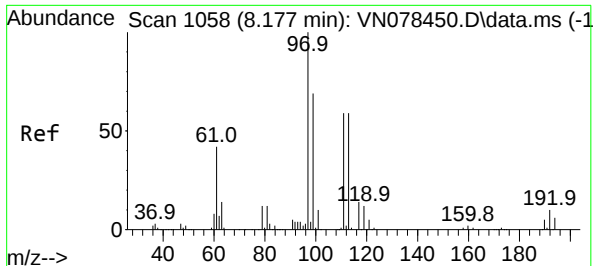
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.970 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078557.D

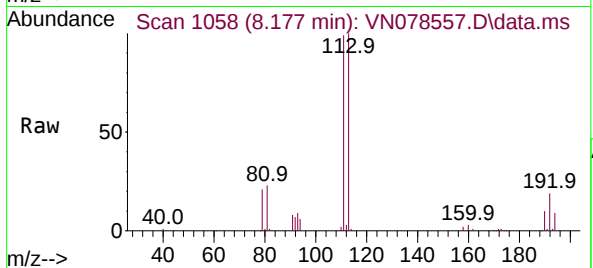
Acq: 18 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

PB154251ZHE#02



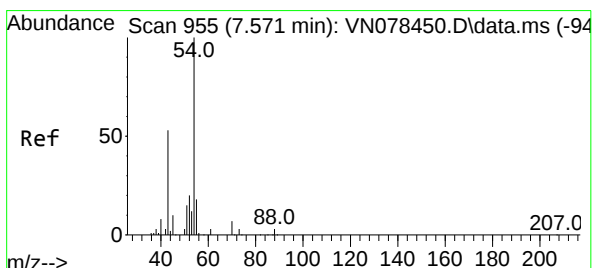
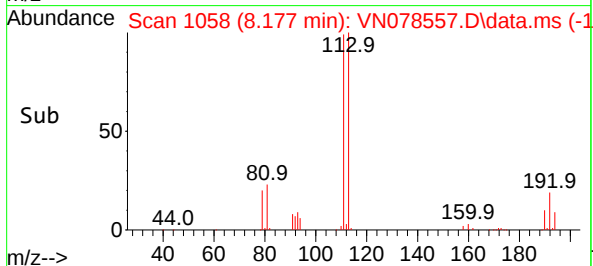
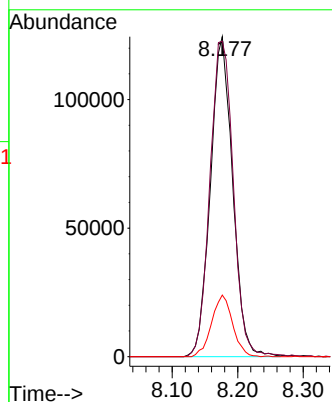
Tgt Ion:113 Resp: 292529

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 18.2 12.7 19.1



#37

Ethyl Acetate

Concen: 4.669 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078557.D

Acq: 18 Jul 2023 13:37

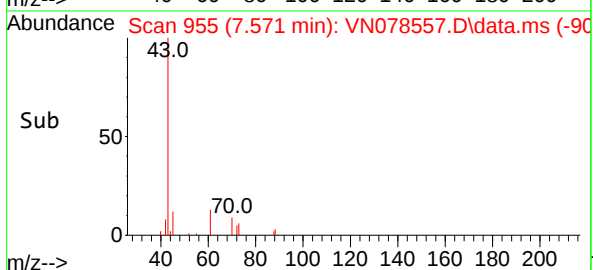
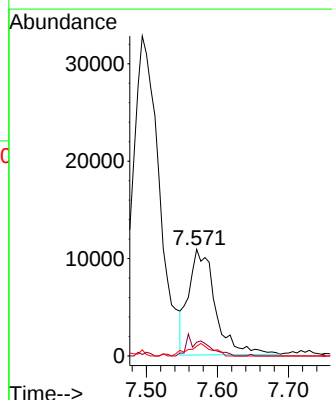
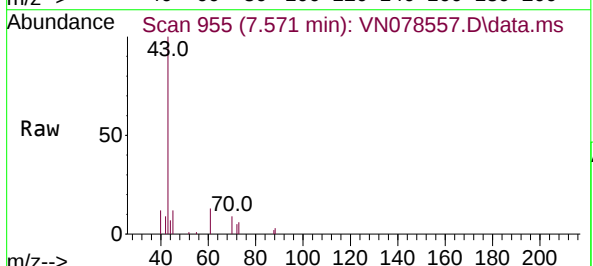
Tgt Ion: 43 Resp: 28361

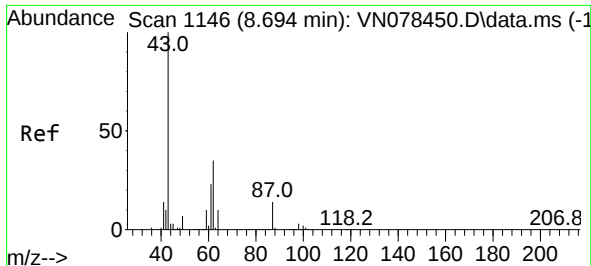
Ion Ratio Lower Upper

43 100

61 6.4 13.2 19.8#

70 10.0 11.3 16.9#

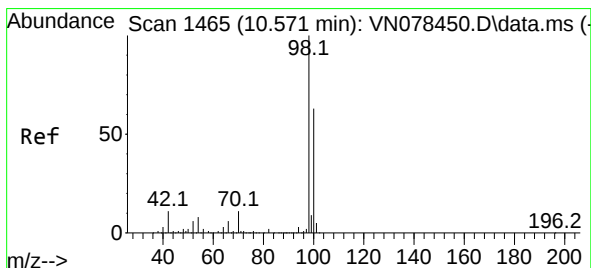
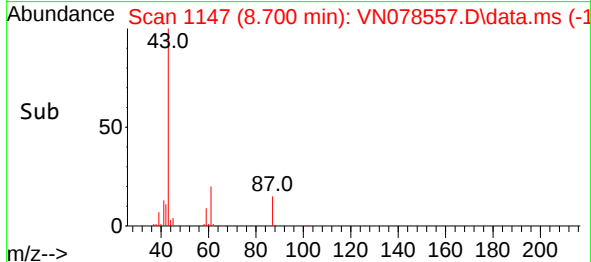
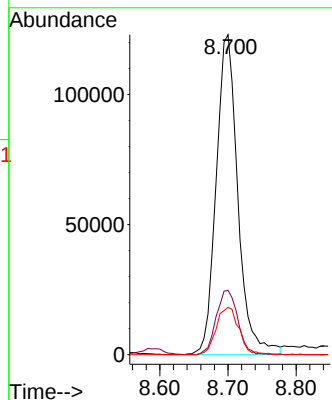
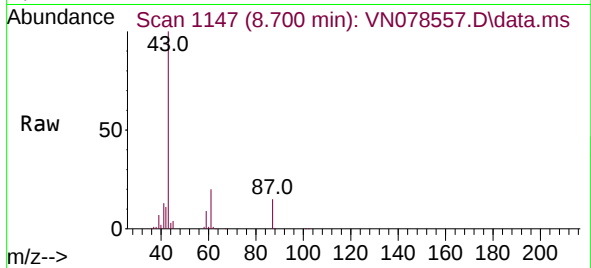




#43
Isopropyl Acetate
Concen: 27.291 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078557.D
Acq: 18 Jul 2023 13:37

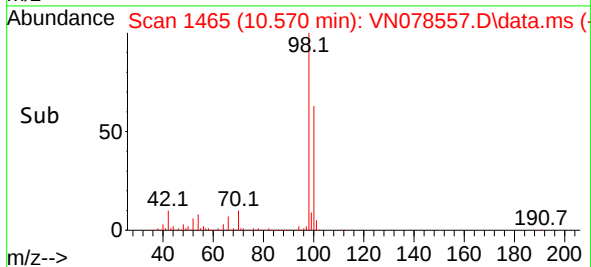
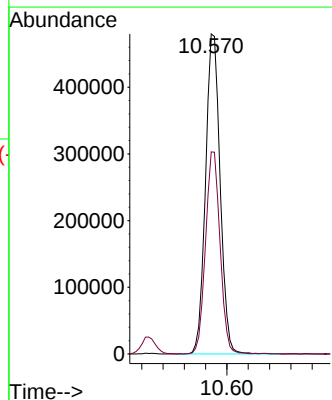
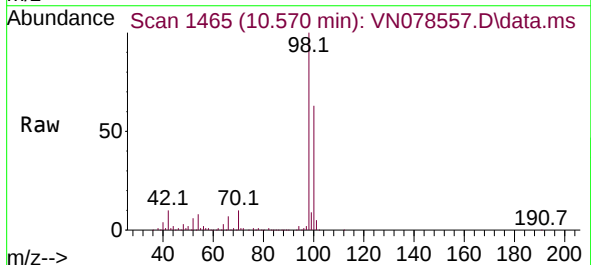
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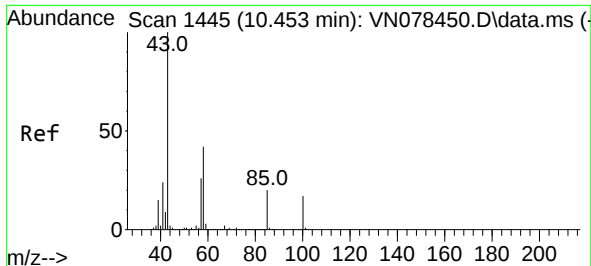
Tgt Ion: 43 Resp: 272913
Ion Ratio Lower Upper
43 100
61 20.1 24.7 37.1#
87 15.3 14.6 21.8



#50
Toluene-d8
Concen: 47.912 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078557.D
Acq: 18 Jul 2023 13:37

Tgt Ion: 98 Resp: 913345
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

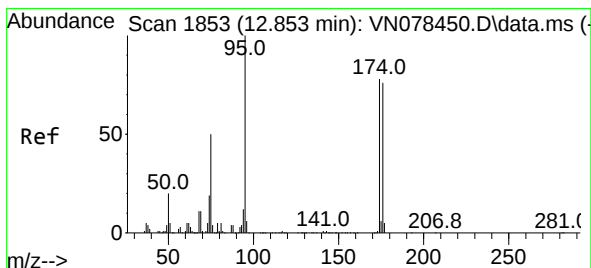
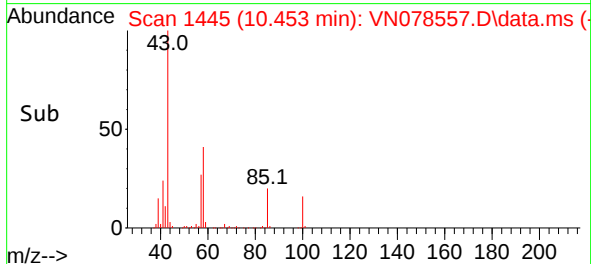
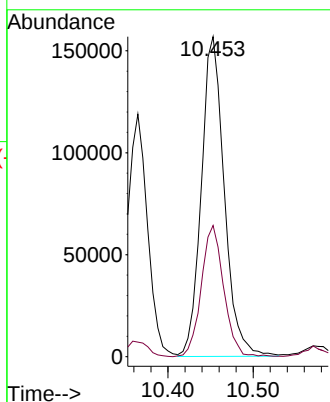
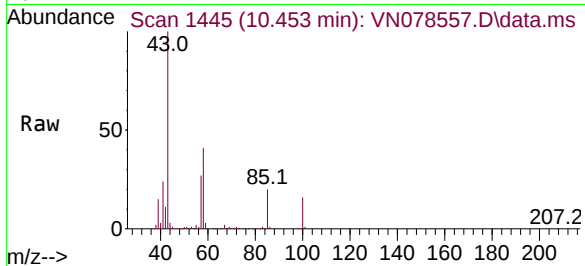




#51
4-Methyl-2-Pentanone
Concen: 49.423 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078557.D
Acq: 18 Jul 2023 13:37

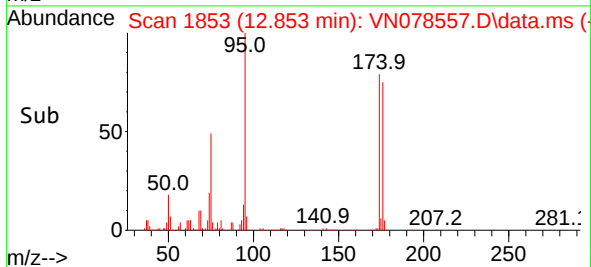
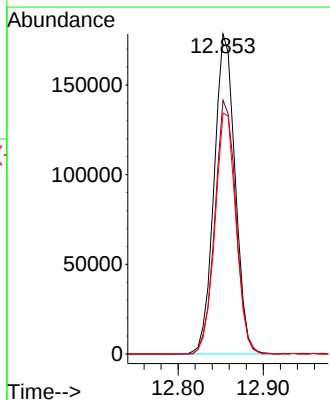
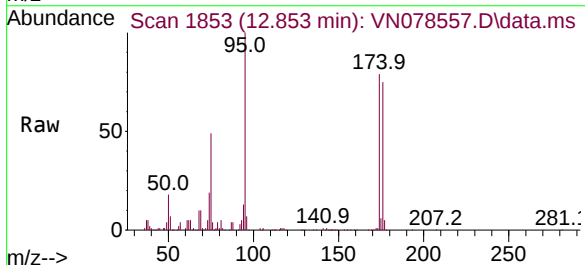
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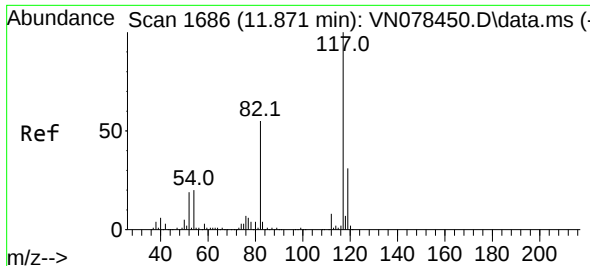
Tgt Ion: 43 Resp: 293976
Ion Ratio Lower Upper
43 100
58 40.0 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 51.951 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078557.D
Acq: 18 Jul 2023 13:37

Tgt Ion: 95 Resp: 305048
Ion Ratio Lower Upper
95 100
174 79.8 0.0 143.8
176 75.4 0.0 135.8

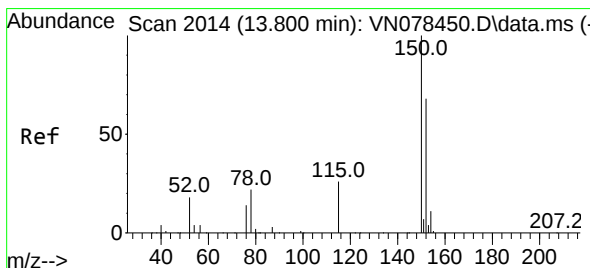
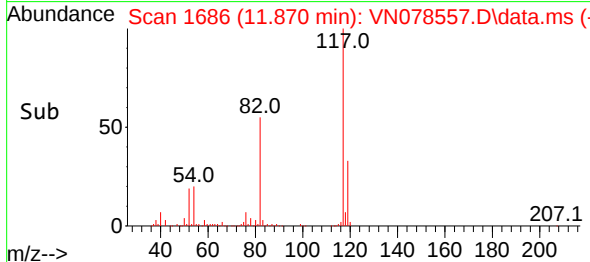
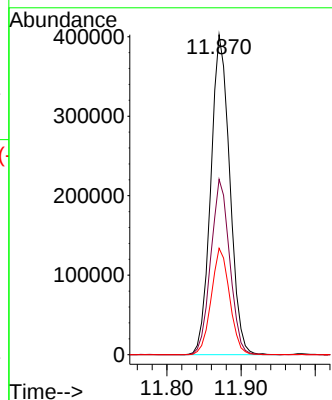
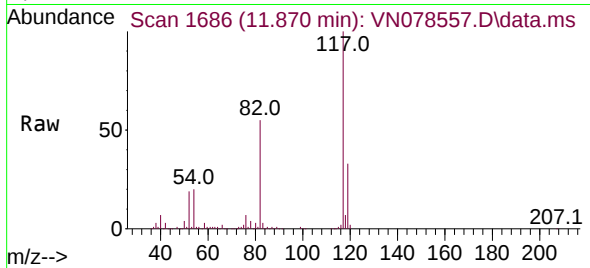




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078557.D
Acq: 18 Jul 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#02

Tgt Ion:117 Resp: 715434
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 33.3 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: VN078557.D
Acq: 18 Jul 2023 13:37

Tgt Ion:152 Resp: 246673
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 155.0 0.0 355.8

