

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078558.D
 Acq On : 18 Jul 2023 14:01
 Operator : JC\MD
 Sample : PB154251ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154251ZHE#03

Quant Time: Jul 19 01:49:28 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)

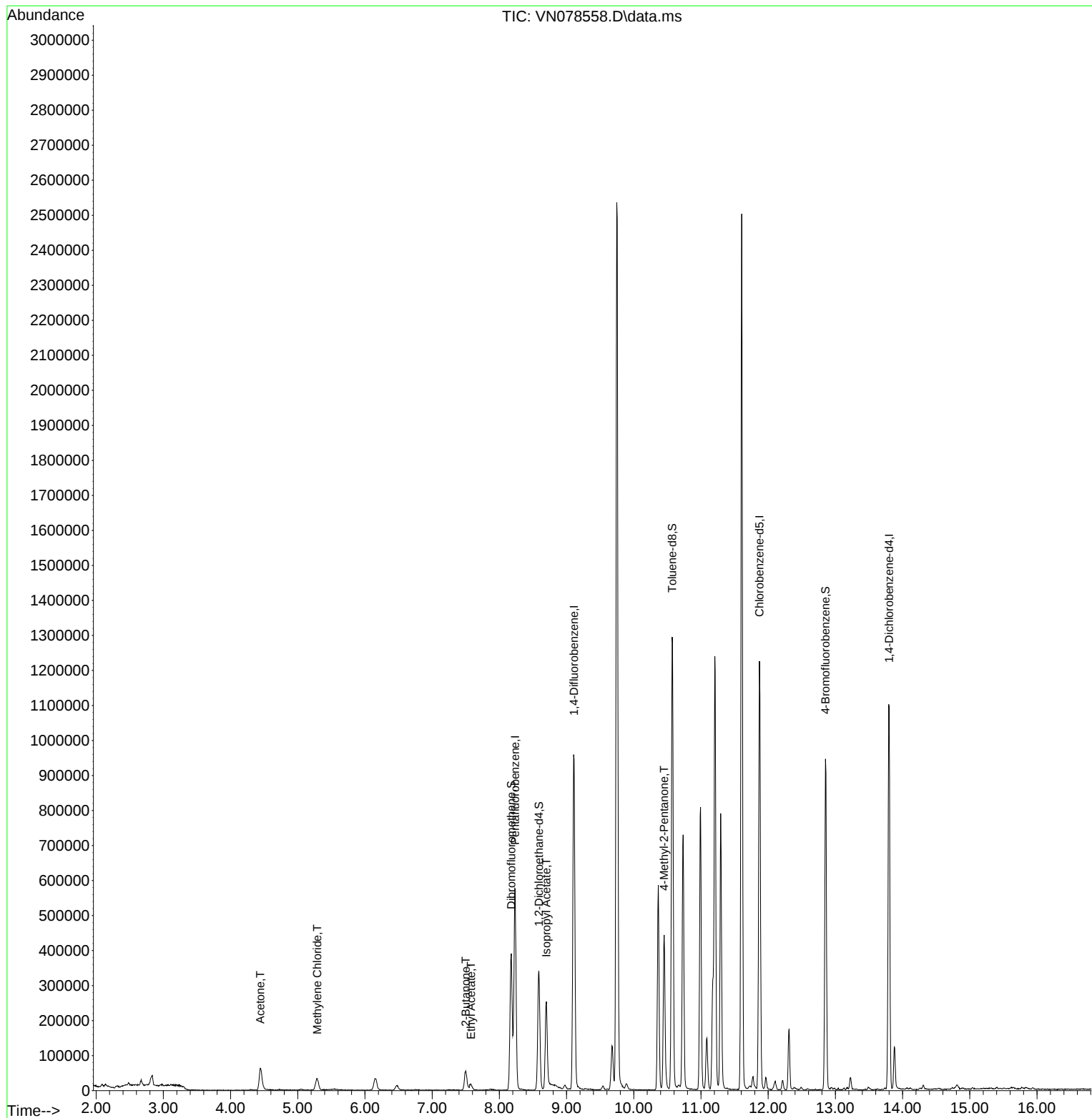
Internal Standards						
1) Pentafluorobenzene	8.235	168	420282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	874011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	751203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	319610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	281649	49.988	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	99.980%	
35) Dibromofluoromethane	8.177	113	277971	46.851	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.700%	
50) Toluene-d8	10.571	98	937493	41.827	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	83.660%#	
62) 4-Bromofluorobenzene	12.853	95	326089	47.233	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	94.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	119269	67.956	ug/l	94
20) Methylene Chloride	5.289	84	26810	4.206	ug/l #	90
25) 2-Butanone	7.500	43	84813	30.699	ug/l #	87
37) Ethyl Acetate	7.577	43	30210	4.230	ug/l #	90
43) Isopropyl Acetate	8.700	43	289047	24.584	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	301349	43.090	ug/l	91

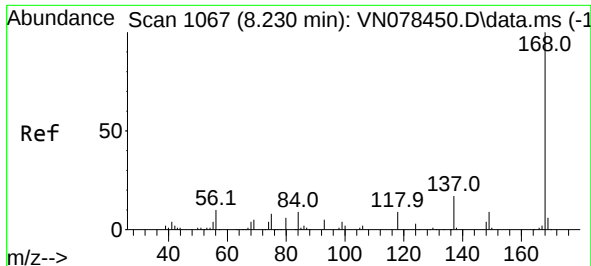
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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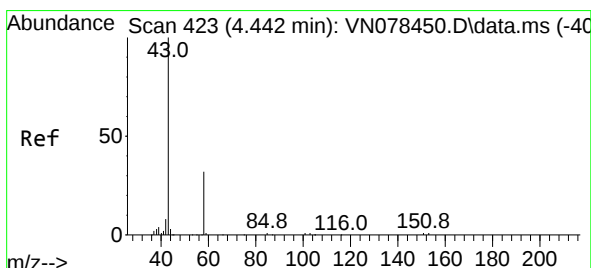
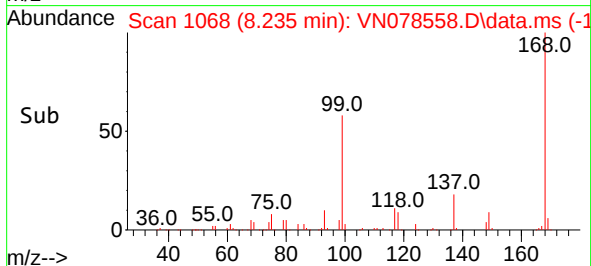
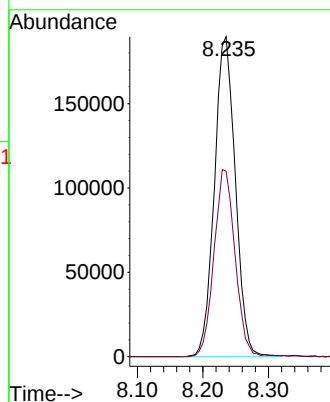
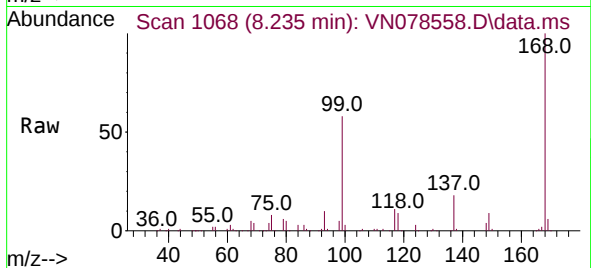




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

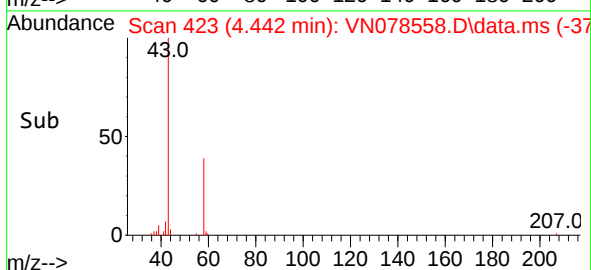
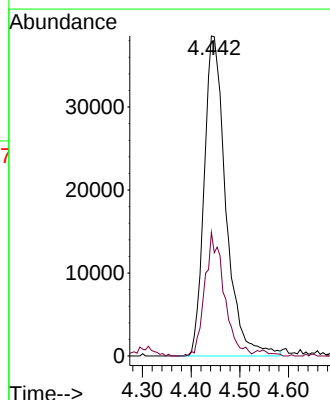
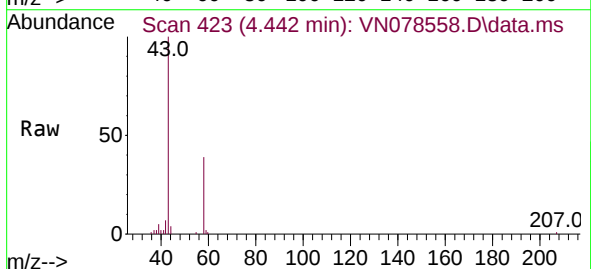
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

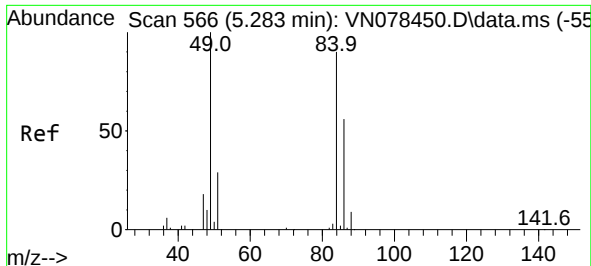
Tgt Ion:168 Resp: 420282
Ion Ratio Lower Upper
168 100
99 57.9 53.0 79.6



#16
Acetone
Concen: 67.956 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

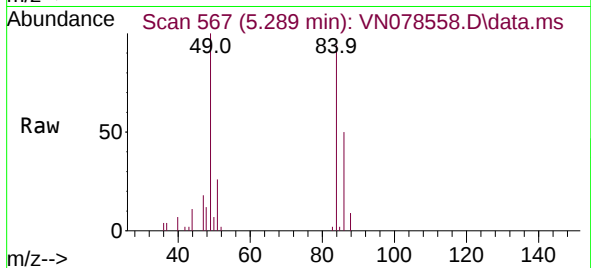
Tgt Ion: 43 Resp: 119269
Ion Ratio Lower Upper
43 100
58 38.7 28.0 42.0



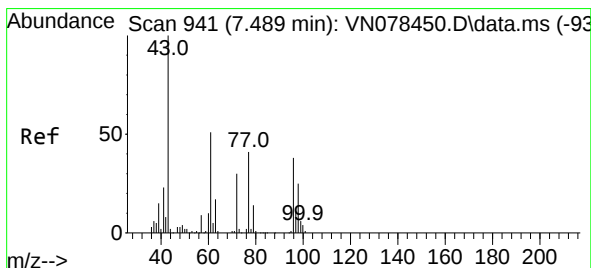
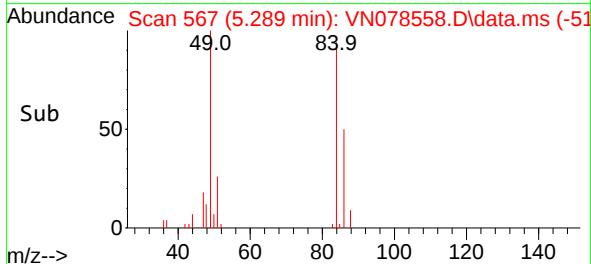
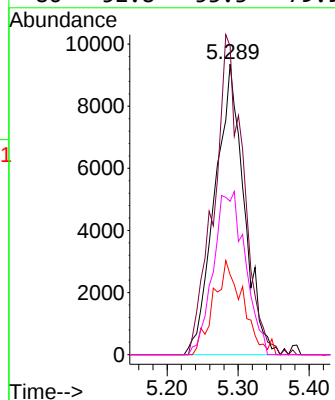


#20
Methylene Chloride
Concen: 4.206 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

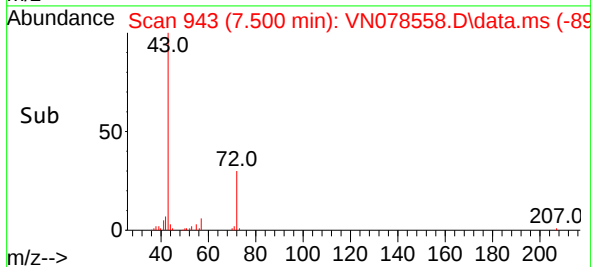
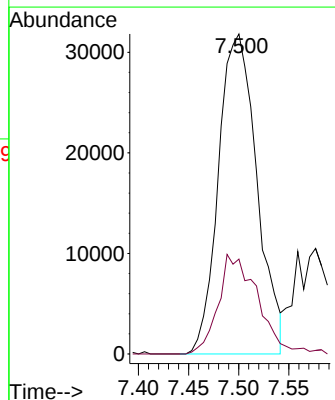
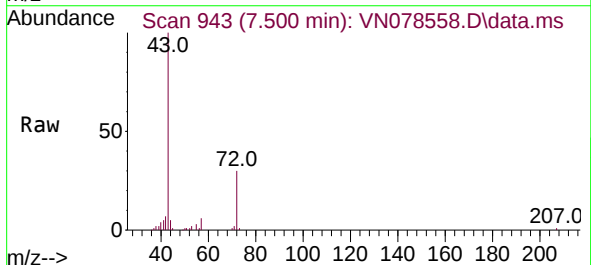


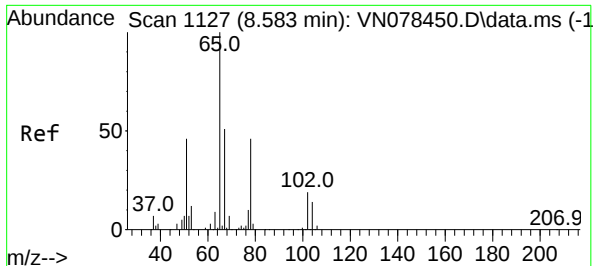
Tgt Ion:	84	Resp:	26810
Ion	Ratio	Lower	Upper
84	100		
49	106.2	79.7	119.5
51	27.5	25.2	37.8
86	52.8	53.3	79.9#



#25
2-Butanone
Concen: 30.699 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion:	43	Resp:	84813
Ion	Ratio	Lower	Upper
43	100		
72	29.6	30.2	45.2#

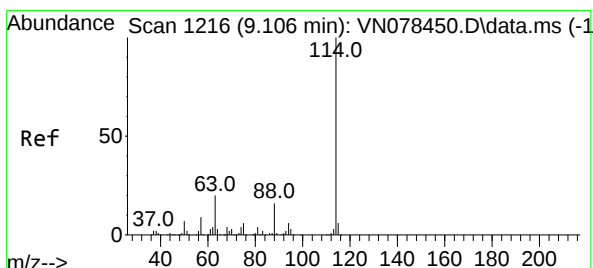
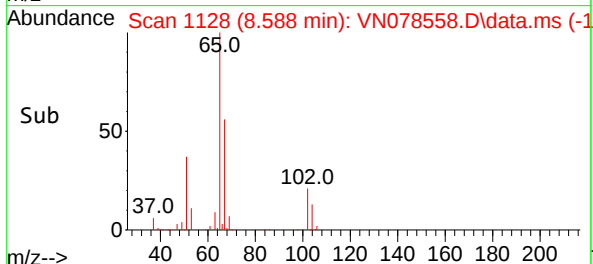
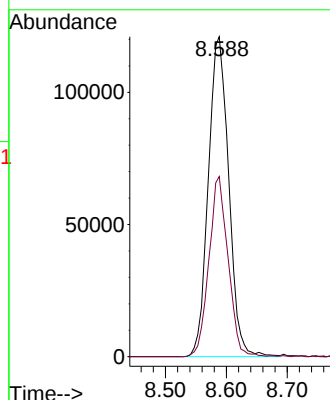
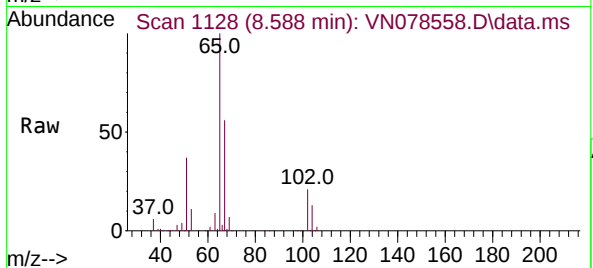




#33
1,2-Dichloroethane-d4
Concen: 49.988 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

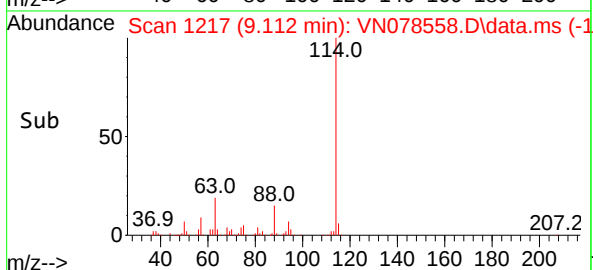
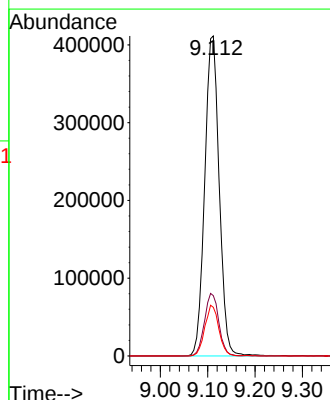
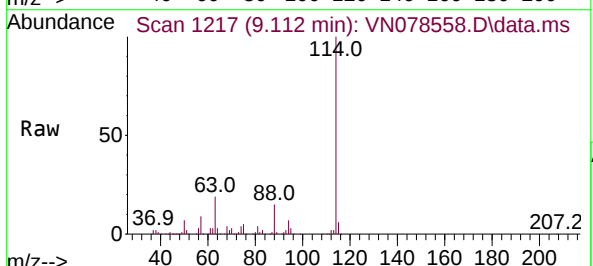
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

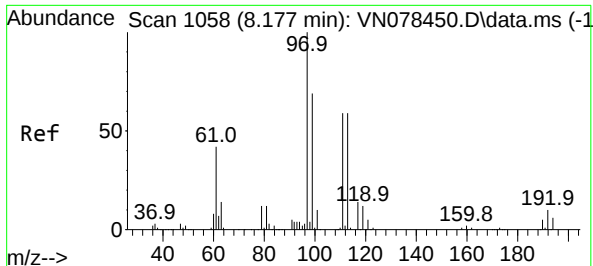
Tgt Ion: 65 Resp: 281649
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion: 114 Resp: 874011
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.4
88 15.2 0.0 30.6

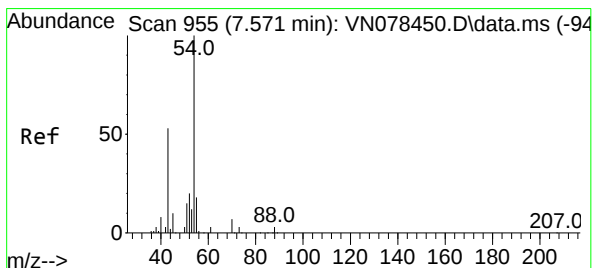
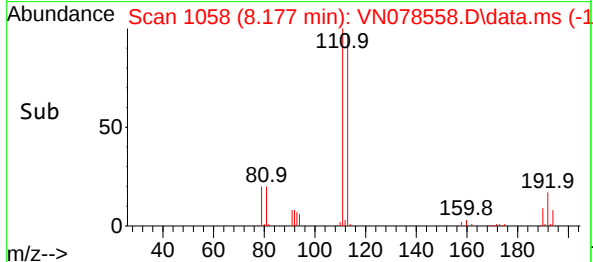
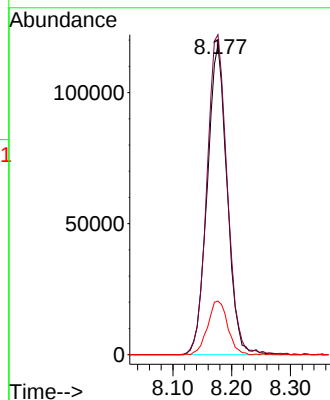
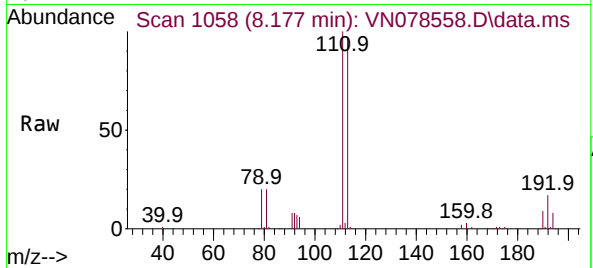




#35
Dibromofluoromethane
Concen: 46.851 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

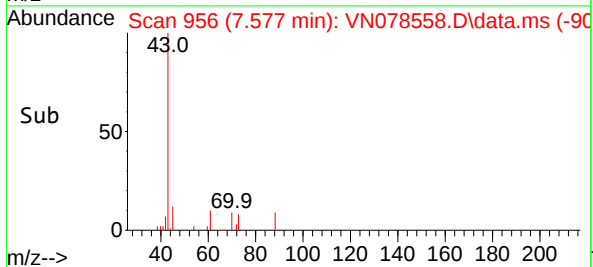
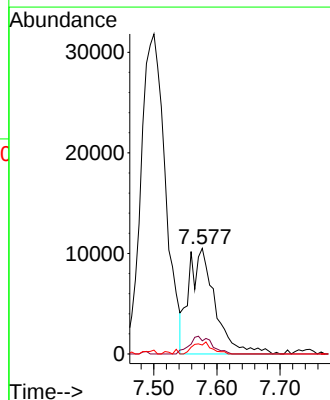
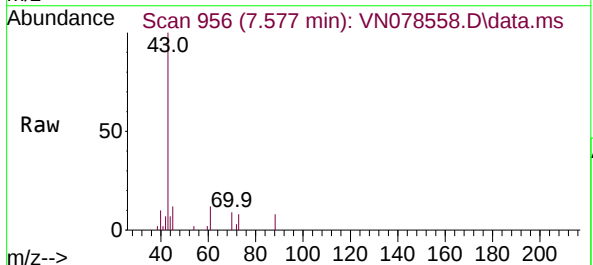
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

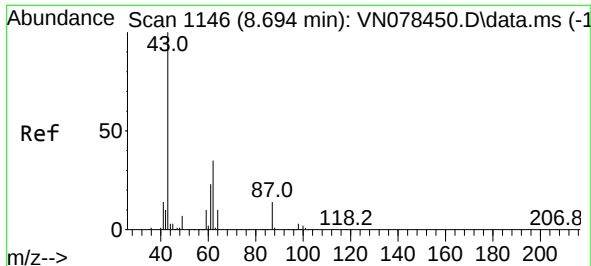
Tgt Ion:113 Resp: 277971
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 17.4 12.7 19.1



#37
Ethyl Acetate
Concen: 4.230 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion: 43 Resp: 30210
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 7.9 11.3 16.9#

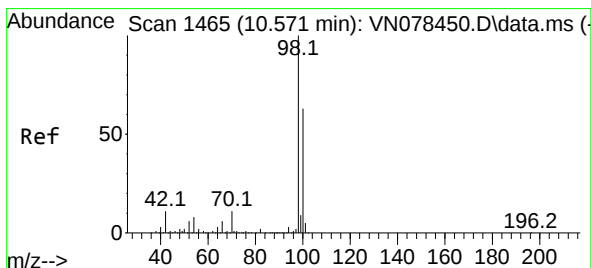
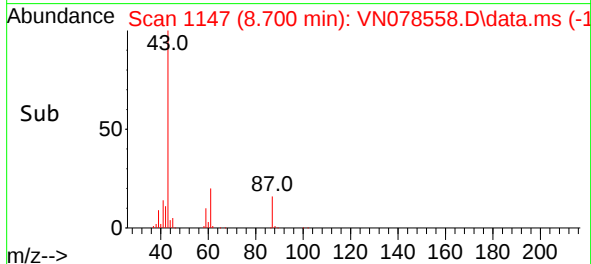
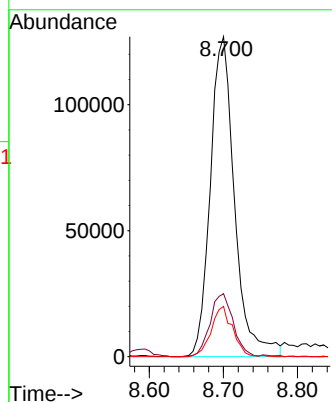
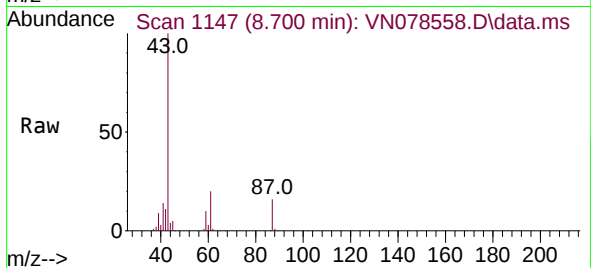




#43
Isopropyl Acetate
Concen: 24.584 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

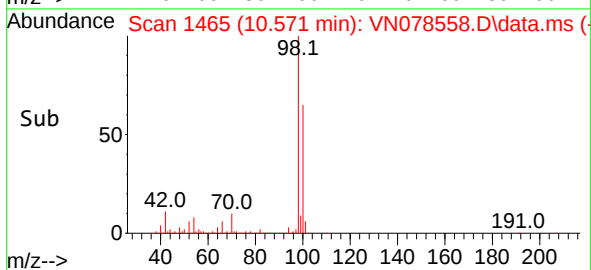
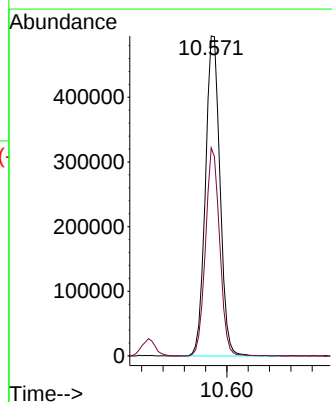
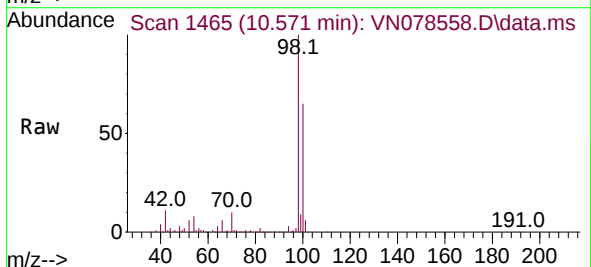
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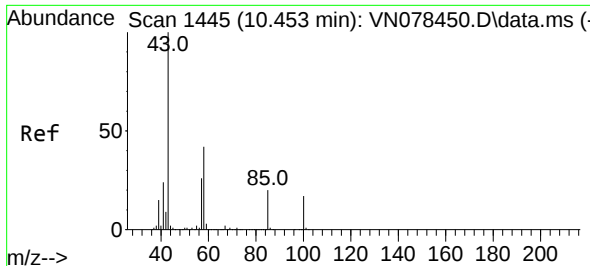
Tgt Ion: 43 Resp: 289047
Ion Ratio Lower Upper
43 100
61 18.8 24.7 37.1#
87 13.9 14.6 21.8#



#50
Toluene-d8
Concen: 41.827 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion: 98 Resp: 937493
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

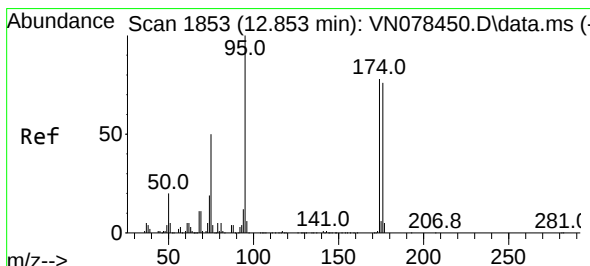
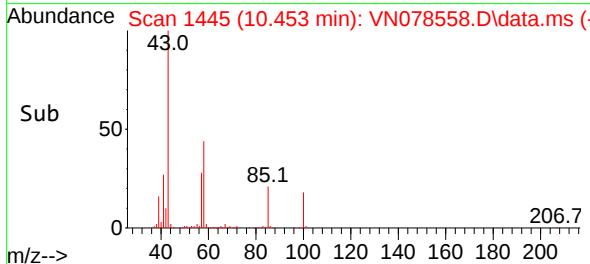
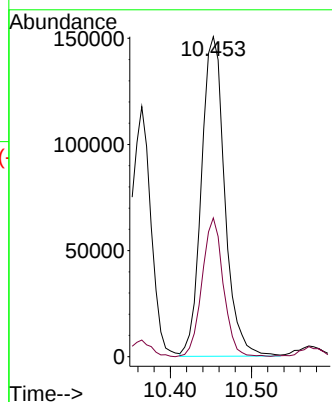
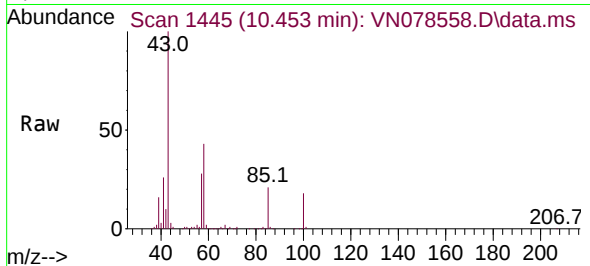




#51
4-Methyl-2-Pentanone
Concen: 43.090 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

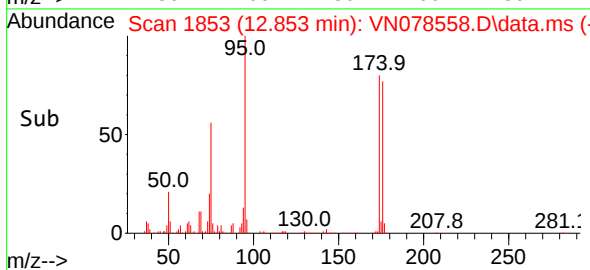
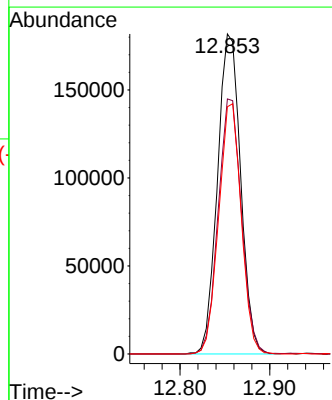
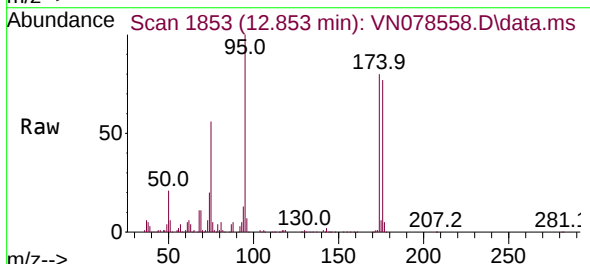
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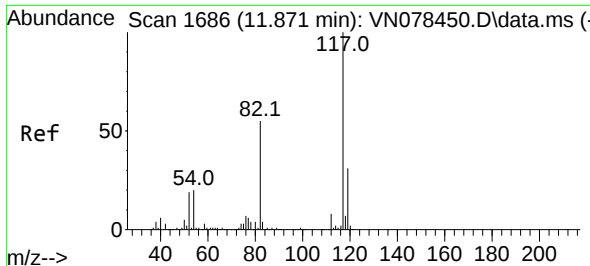
Tgt Ion: 43 Resp: 301349
Ion Ratio Lower Upper
43 100
58 39.5 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 47.233 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion: 95 Resp: 326089
Ion Ratio Lower Upper
95 100
174 80.0 0.0 143.8
176 76.0 0.0 135.8

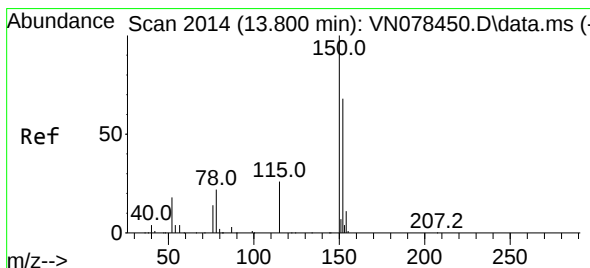
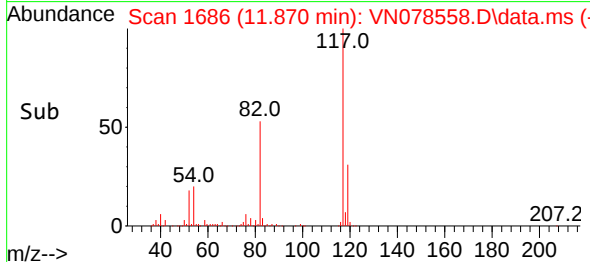
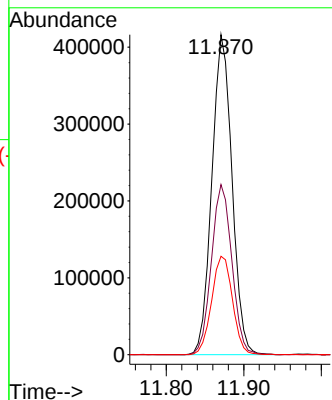
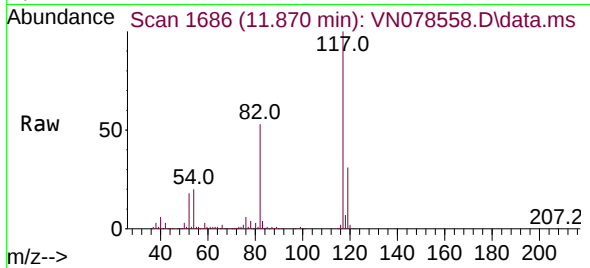




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

Tgt Ion:117 Resp: 751203
Ion Ratio Lower Upper
117 100
82 53.2 44.0 66.0
119 30.8 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: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion:152 Resp: 319610
Ion Ratio Lower Upper
152 100
115 58.6 32.3 96.8
150 153.6 0.0 355.8

