

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078670.D
 Acq On : 27 Jul 2023 19:22
 Operator : JC\MD
 Sample : 03770-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DEL-1-RP

Quant Time: Jul 28 01:11:38 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)

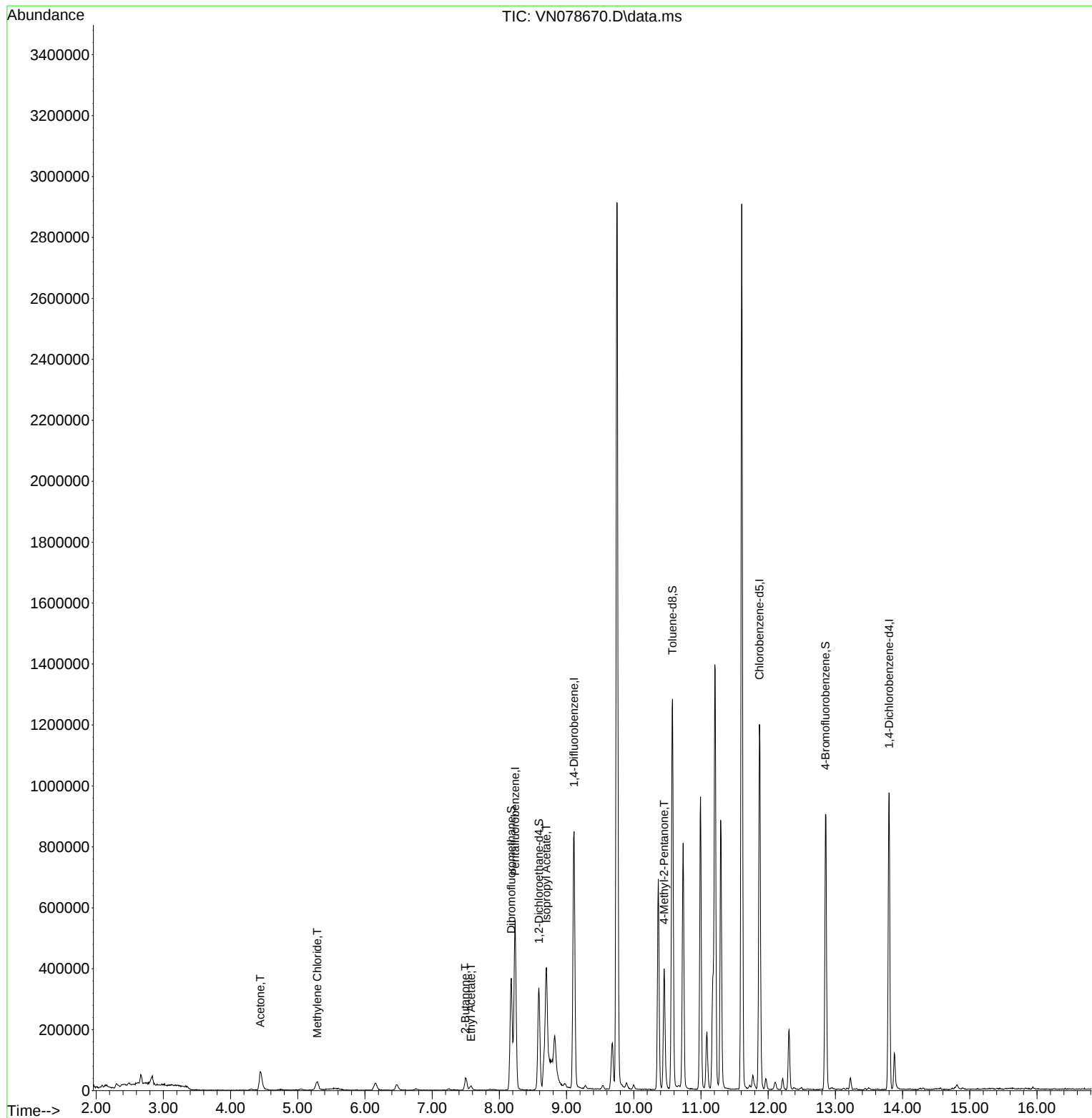
Internal Standards						
1) Pentafluorobenzene	8.235	168	417680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	757262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	737437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	278802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	272080	48.591	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.180%		
35) Dibromofluoromethane	8.177	113	263973	51.351	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.700%		
50) Toluene-d8	10.576	98	919671	47.358	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.720%		
62) 4-Bromofluorobenzene	12.853	95	321870	53.810	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.620%		
Target Compounds						Qvalue
16) Acetone	4.442	43	110652	63.439	ug/l	96
20) Methylene Chloride	5.289	84	22934	3.445	ug/l #	92
25) 2-Butanone	7.494	43	58817	21.422	ug/l #	82
37) Ethyl Acetate	7.577	43	22720	3.672	ug/l #	94
43) Isopropyl Acetate	8.700	43	546315	53.629	ug/l #	72
51) 4-Methyl-2-Pentanone	10.453	43	264720	43.688	ug/l	92

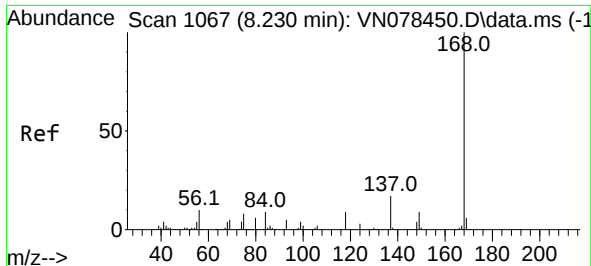
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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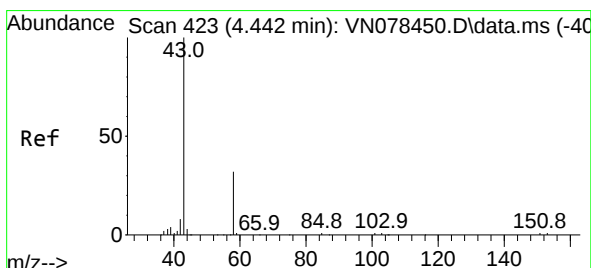
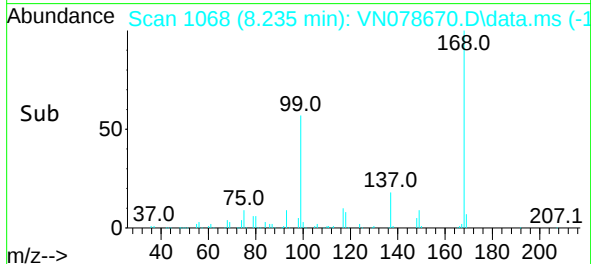
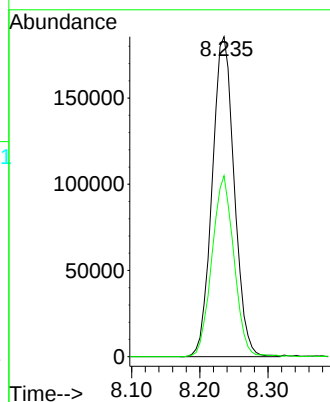
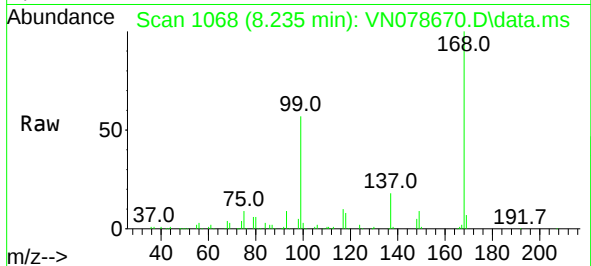




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

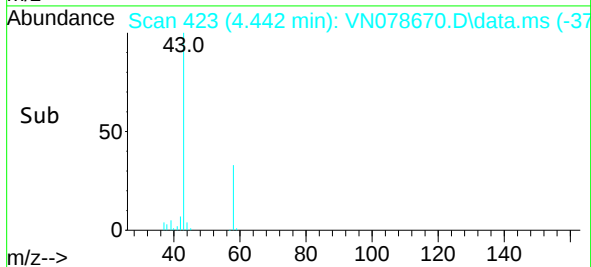
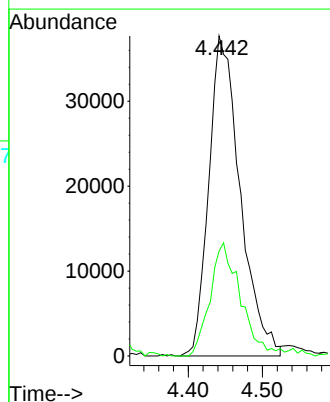
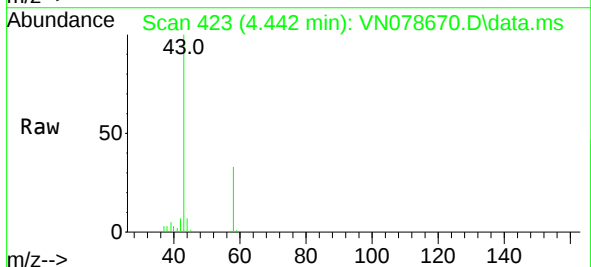
Instrument :
MSVOA_N
ClientSampleId :
DEL-1-RP

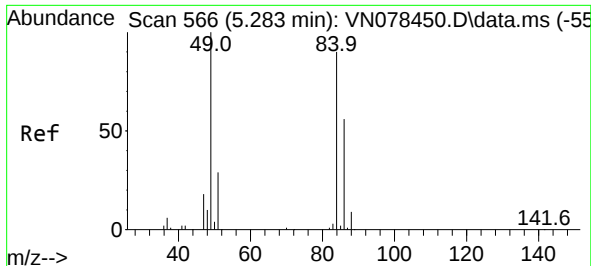
Tgt Ion:168 Resp: 417680
Ion Ratio Lower Upper
168 100
99 56.6 53.0 79.6



#16
Acetone
Concen: 63.439 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

Tgt Ion: 43 Resp: 110652
Ion Ratio Lower Upper
43 100
58 32.8 28.0 42.0

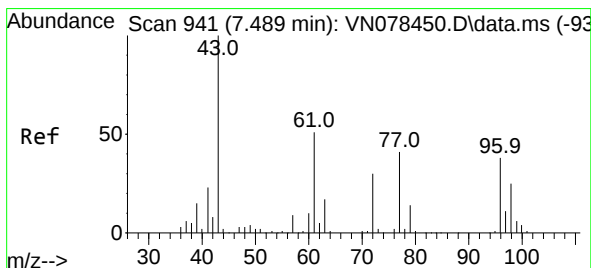
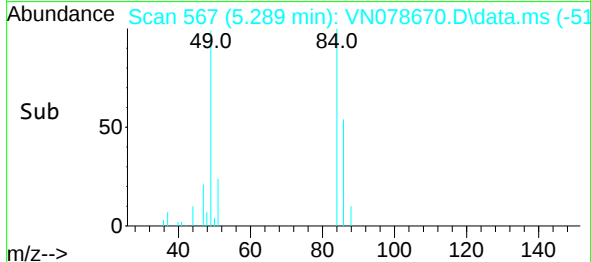
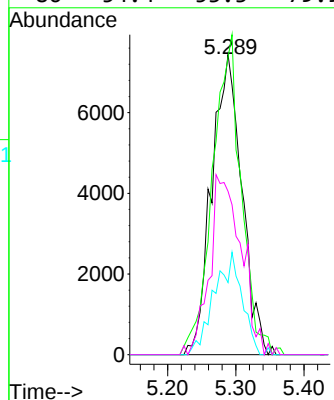
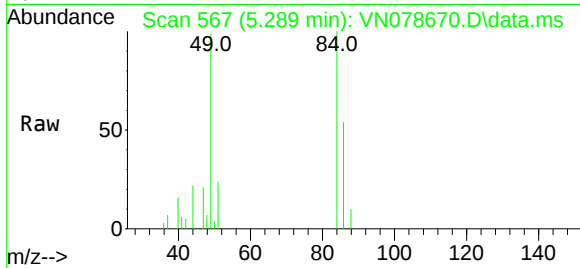




#20
Methylene Chloride
Concen: 3.445 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

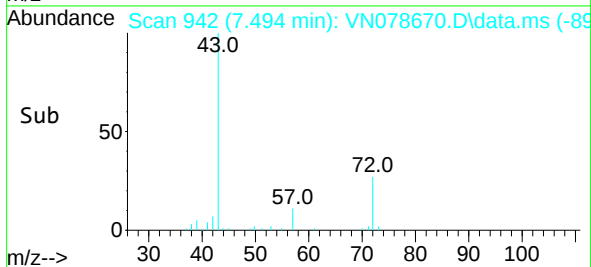
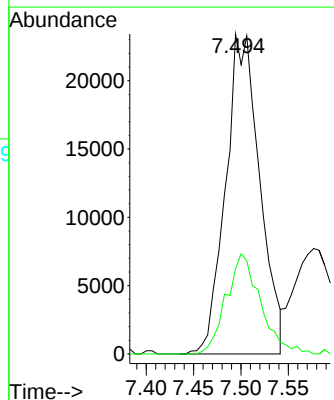
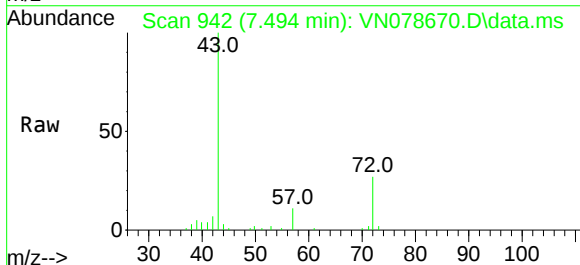
Instrument :
MSVOA_N
ClientSampleId :
DEL-1-RP

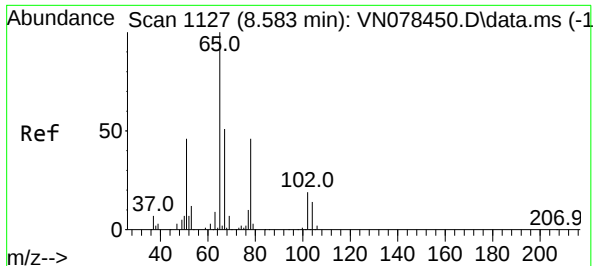
Tgt Ion: 84	Resp: 22934
Ion Ratio	Lower Upper
84 100	
49 99.0	79.7 119.5
51 24.1	25.2 37.8#
86 54.4	53.3 79.9



#25
2-Butanone
Concen: 21.422 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

Tgt Ion: 43	Resp: 58817
Ion Ratio	Lower Upper
43 100	
72 26.7	30.2 45.2#

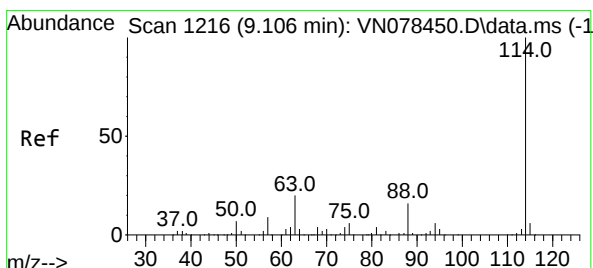
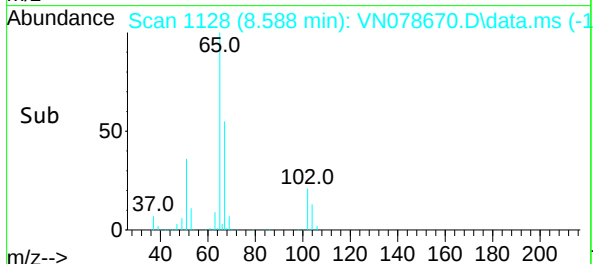
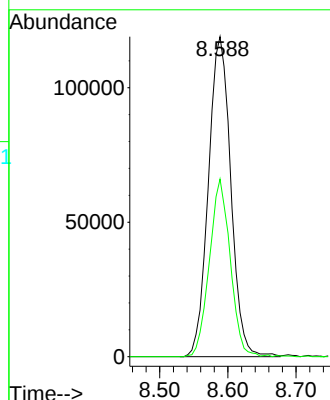
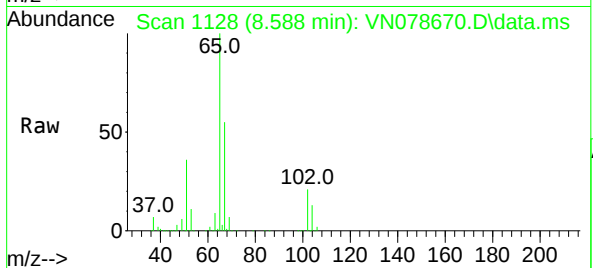




#33
1,2-Dichloroethane-d4
Concen: 48.591 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

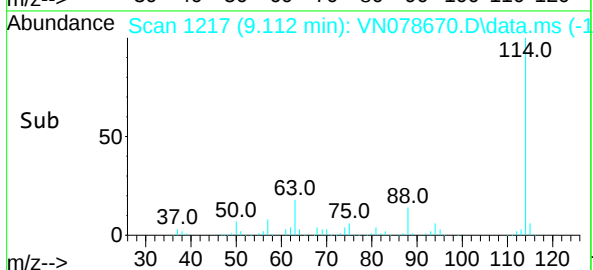
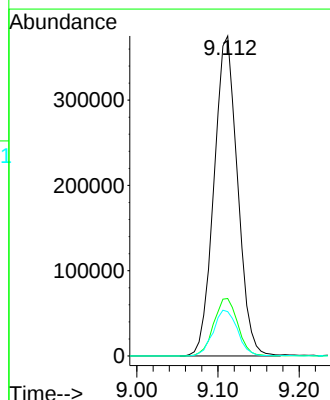
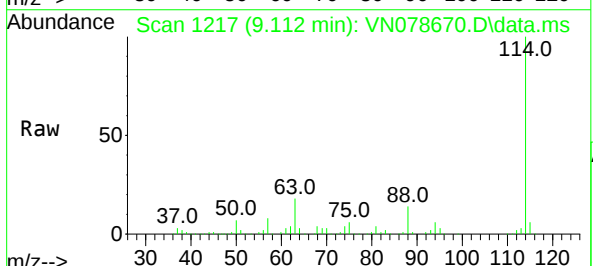
Instrument :
MSVOA_N
ClientSampleId :
DEL-1-RP

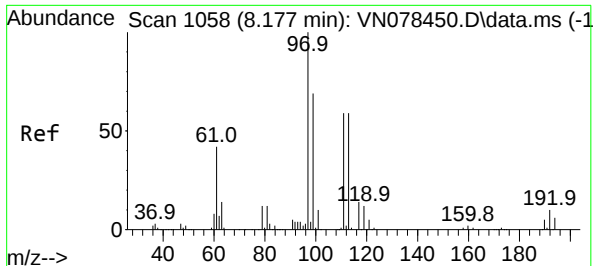
Tgt Ion: 65 Resp: 272080
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

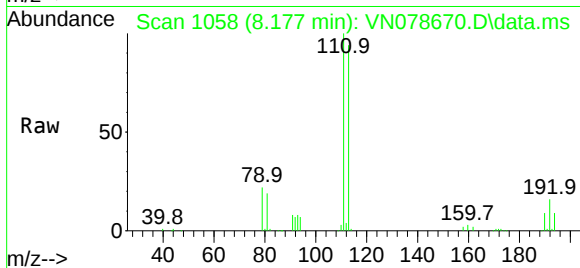
Tgt Ion: 114 Resp: 757262
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.4
88 13.8 0.0 30.6



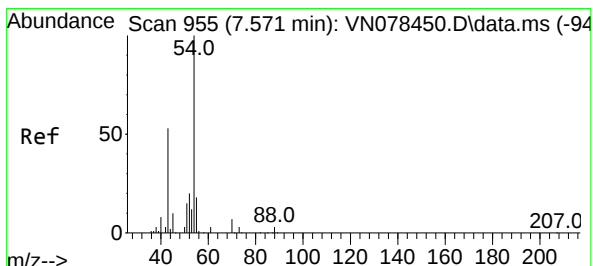
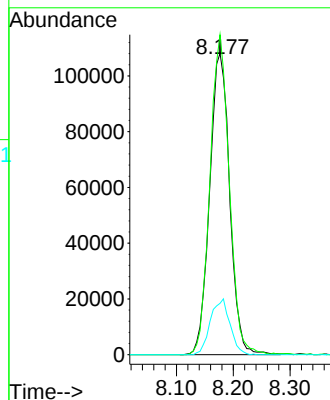
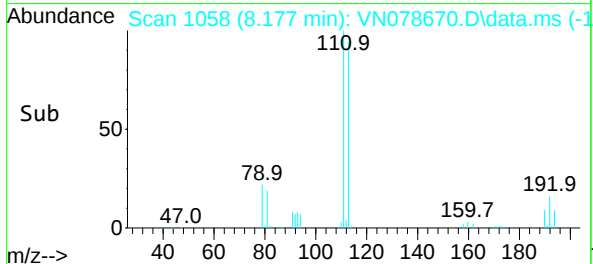


#35
Dibromofluoromethane
Concen: 51.351 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

Instrument :
MSVOA_N
ClientSampleId :
DEL-1-RP

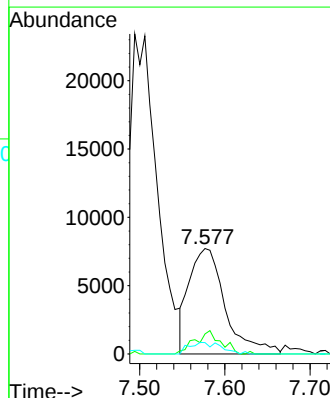
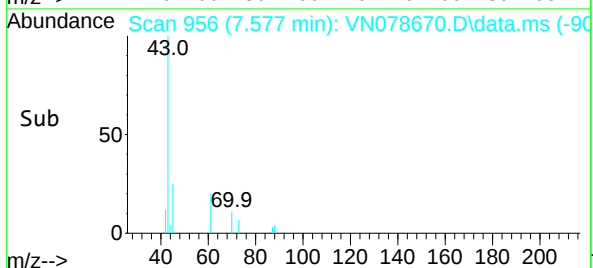
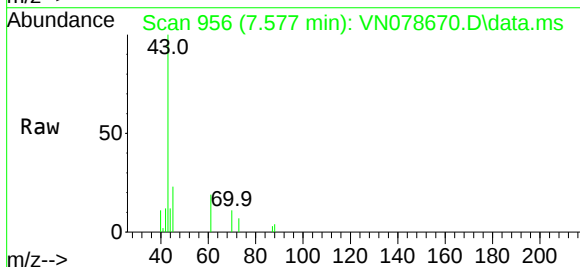


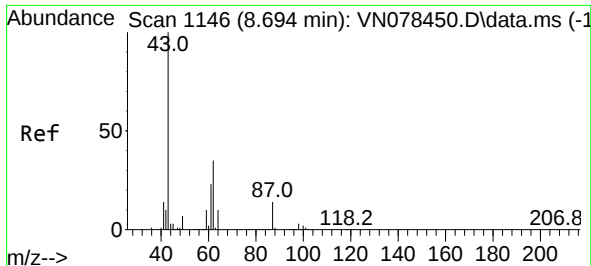
Tgt Ion:113 Resp: 263973
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 18.1 12.7 19.1



#37
Ethyl Acetate
Concen: 3.672 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

Tgt Ion: 43 Resp: 22720
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 9.8 11.3 16.9#

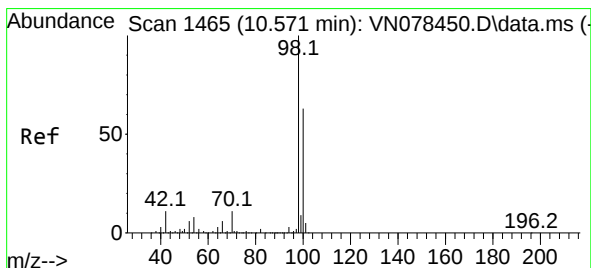
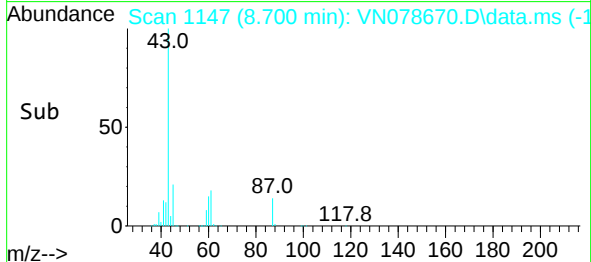
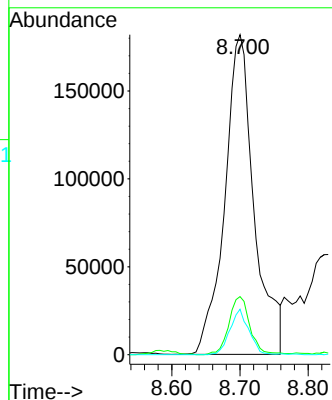
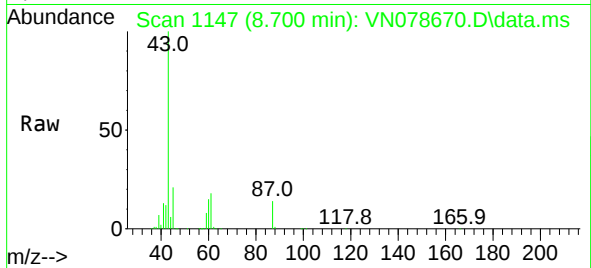




#43
Isopropyl Acetate
Concen: 53.629 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

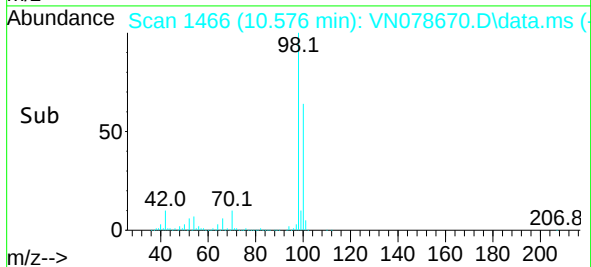
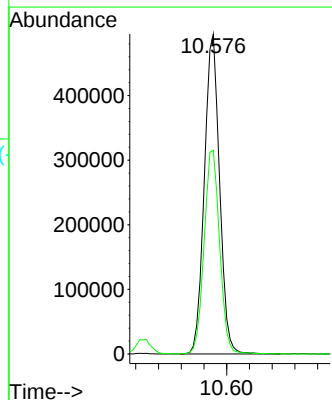
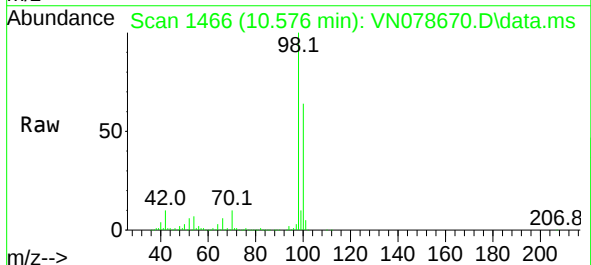
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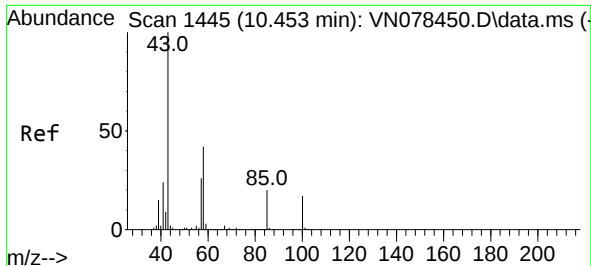
Tgt Ion: 43 Resp: 546315
Ion Ratio Lower Upper
43 100
61 13.1 24.7 37.1#
87 9.2 14.6 21.8#



#50
Toluene-d8
Concen: 47.358 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

Tgt Ion: 98 Resp: 919671
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

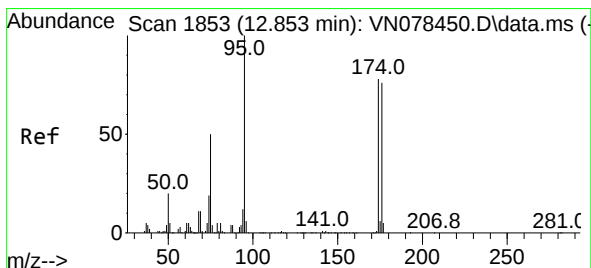
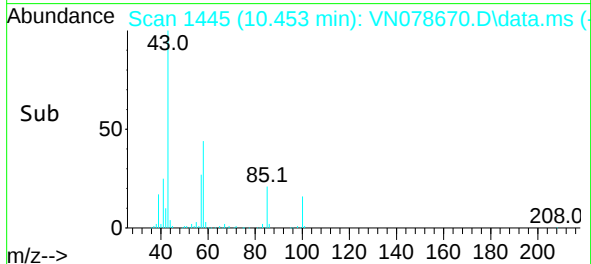
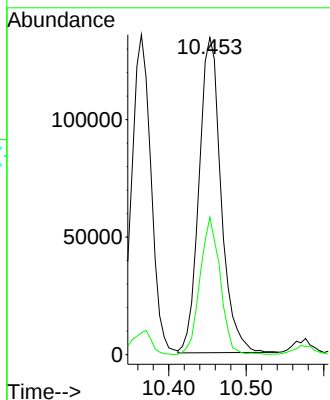
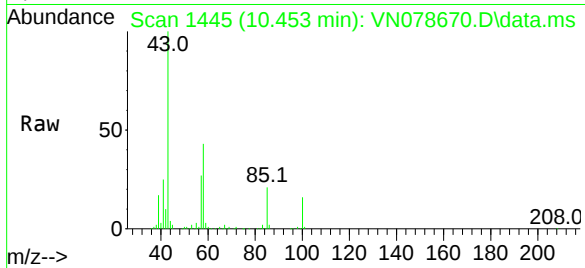




#51
4-Methyl-2-Pentanone
Concen: 43.688 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

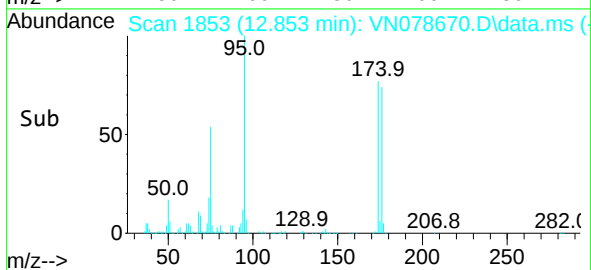
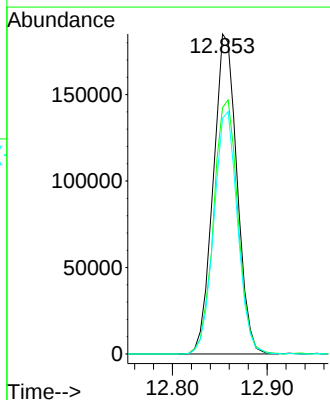
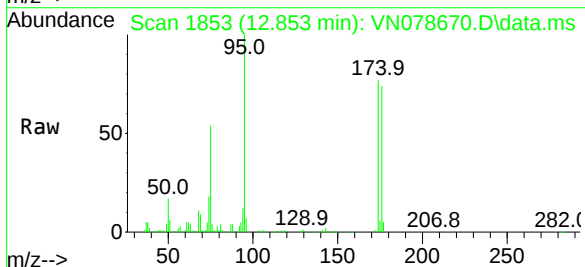
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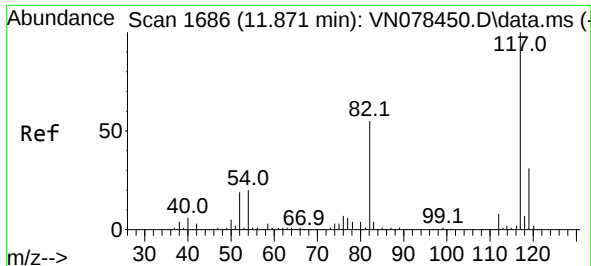
Tgt Ion: 43 Resp: 264720
Ion Ratio Lower Upper
43 100
58 40.1 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 53.810 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

Tgt Ion: 95 Resp: 321870
Ion Ratio Lower Upper
95 100
174 81.3 0.0 143.8
176 75.8 0.0 135.8

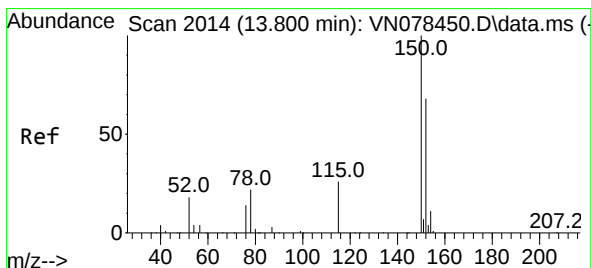
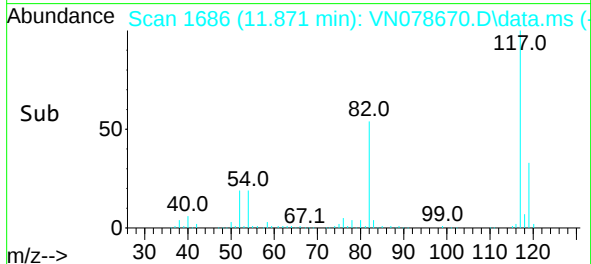
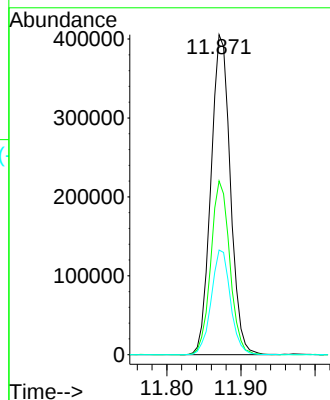
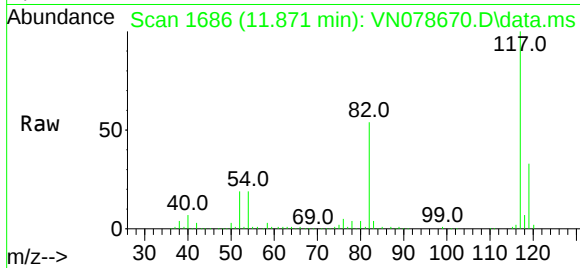




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078670.D
Acq: 27 Jul 2023 19:22

Instrument :
MSVOA_N
ClientSampleId :
DEL-1-RP

Tgt Ion:117 Resp: 737437
Ion Ratio Lower Upper
117 100
82 54.3 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: VN078670.D
Acq: 27 Jul 2023 19:22

Tgt Ion:152 Resp: 278802
Ion Ratio Lower Upper
152 100
115 58.2 32.3 96.8
150 153.9 0.0 355.8

