

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078671.D
 Acq On : 27 Jul 2023 19:47
 Operator : JC\MD
 Sample : 03770-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DEL-2-RP

Quant Time: Jul 28 01:12:05 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)

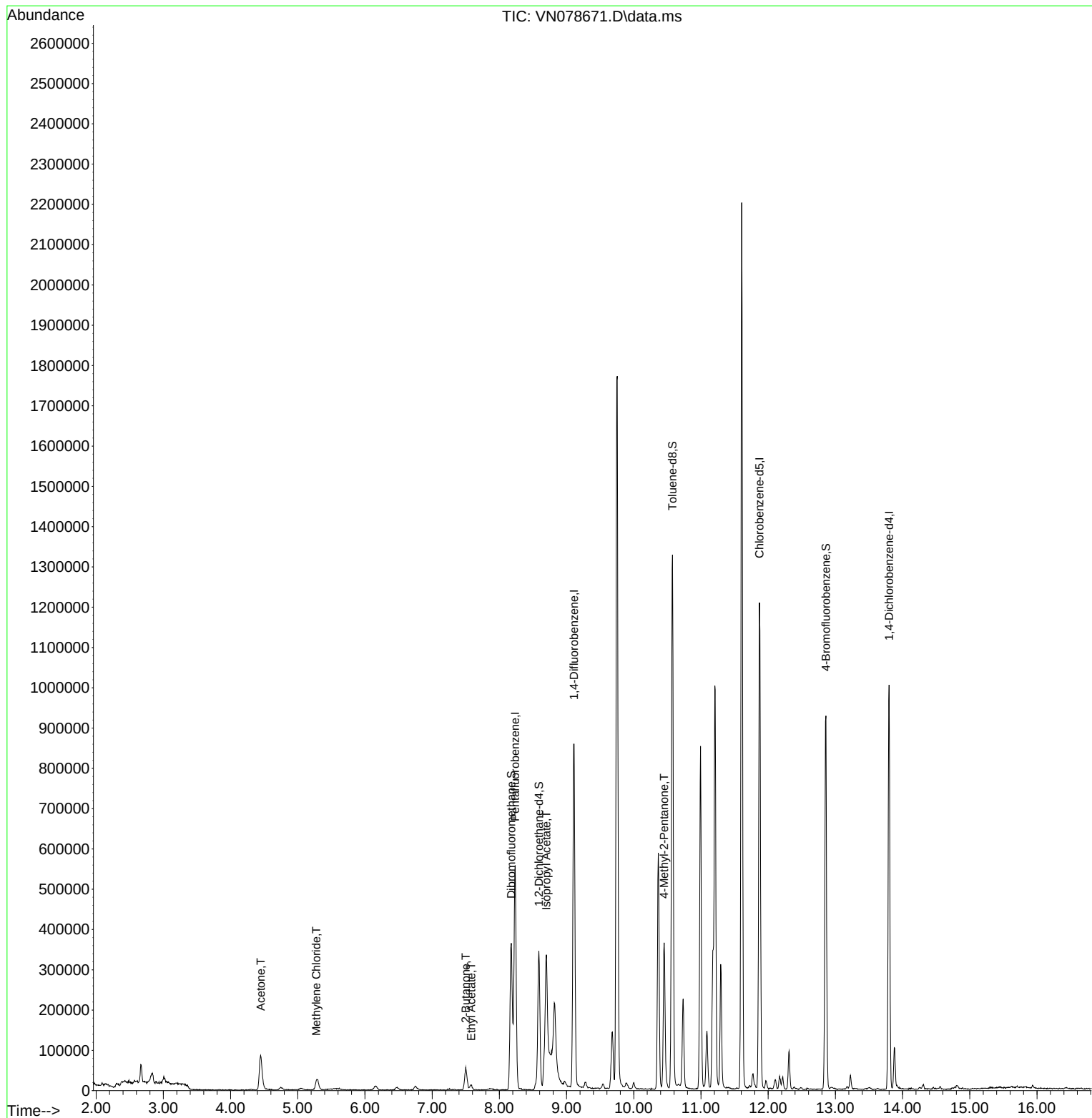
Internal Standards						
1) Pentafluorobenzene	8.235	168	418386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	781075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	745611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	279696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	273772	48.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.620%
35) Dibromofluoromethane	8.177	113	269569	50.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.680%
50) Toluene-d8	10.576	98	957441	47.800	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.859	95	320451	51.940	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.880%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	160739	91.999	ug/l	92
20) Methylene Chloride	5.277	84	22496	3.348	ug/l	97
25) 2-Butanone	7.500	43	81941	29.794	ug/l #	84
37) Ethyl Acetate	7.582	43	17197	2.695	ug/l #	96
43) Isopropyl Acetate	8.700	43	441597	42.028	ug/l #	72
51) 4-Methyl-2-Pentanone	10.453	43	249171	39.868	ug/l	92

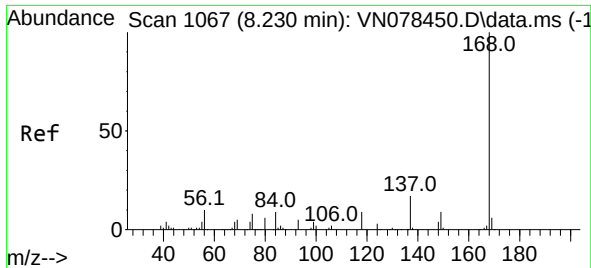
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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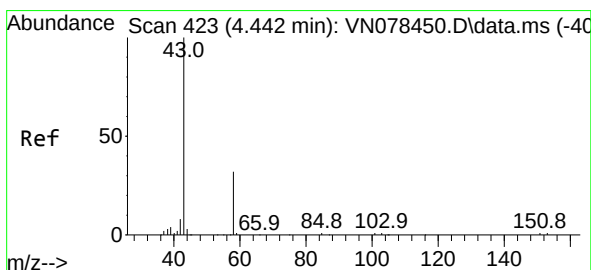
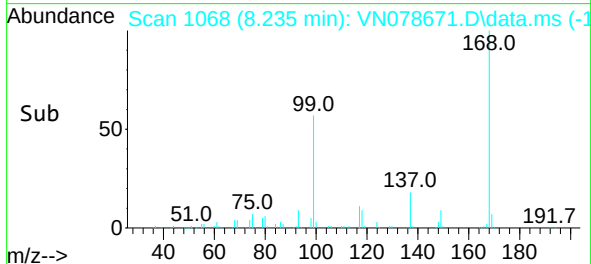
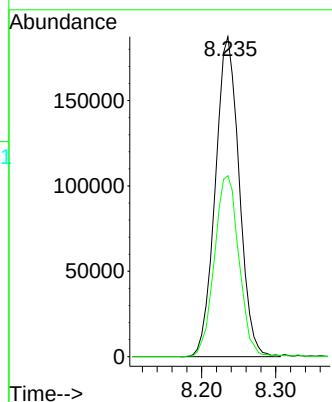
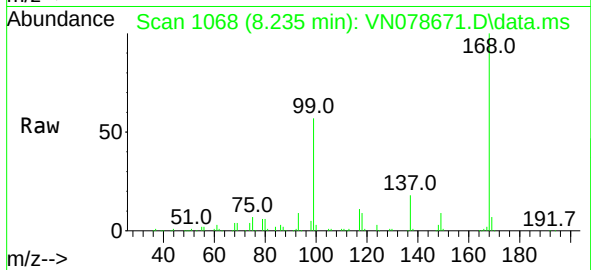




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

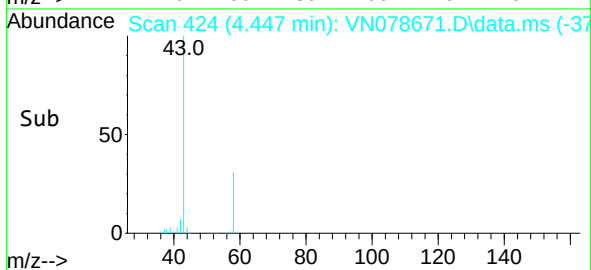
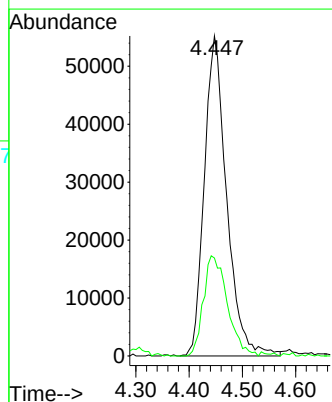
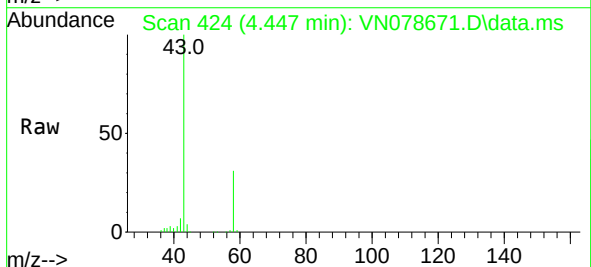
Instrument :
MSVOA_N
ClientSampleId :
DEL-2-RP

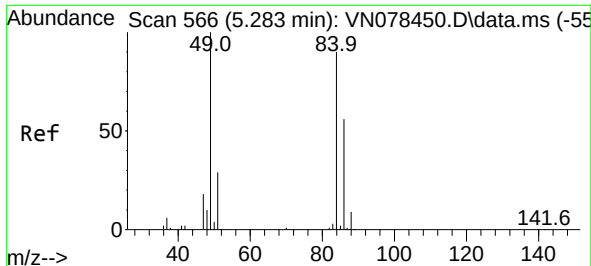
Tgt Ion:168 Resp: 418386
Ion Ratio Lower Upper
168 100
99 56.6 53.0 79.6



#16
Acetone
Concen: 91.999 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

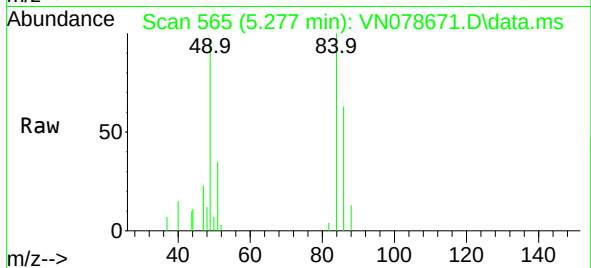
Tgt Ion: 43 Resp: 160739
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0



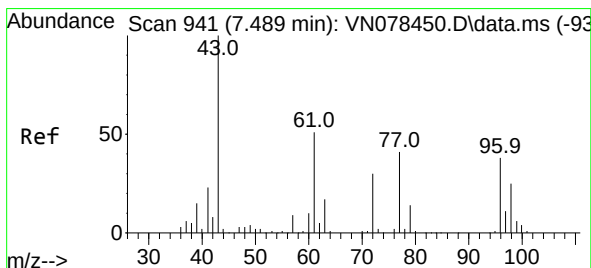
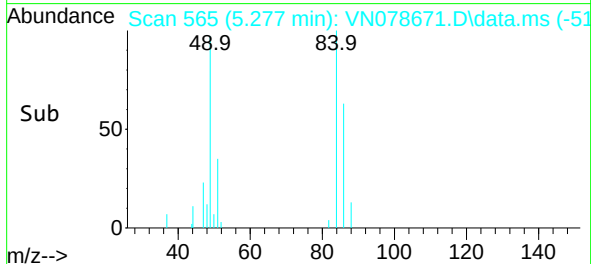
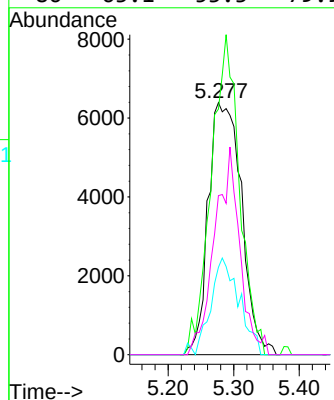


#20
Methylene Chloride
Concen: 3.348 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

Instrument :
MSVOA_N
ClientSampleId :
DEL-2-RP

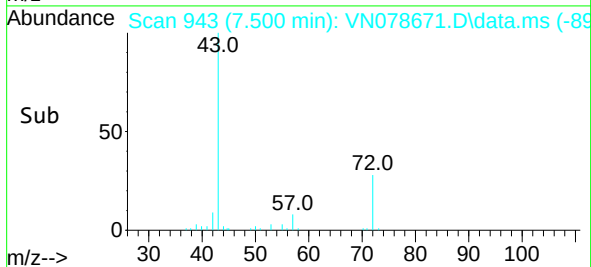
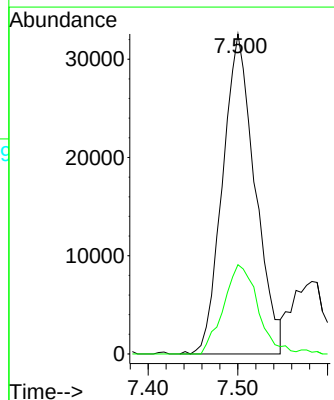
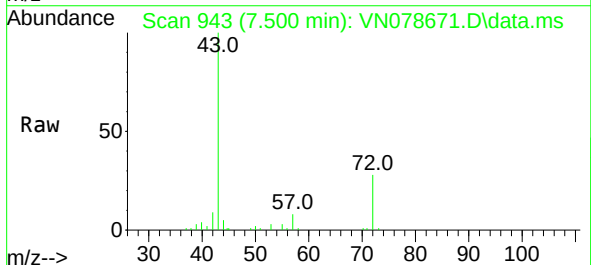


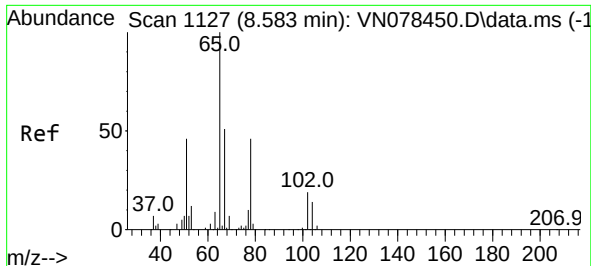
Tgt Ion: 84	Resp: 22496
Ion Ratio	Lower Upper
84 100	
49 97.5	79.7 119.5
51 34.7	25.2 37.8
86 63.1	53.3 79.9



#25
2-Butanone
Concen: 29.794 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

Tgt Ion: 43	Resp: 81941
Ion Ratio	Lower Upper
43 100	
72 27.9	30.2 45.2#

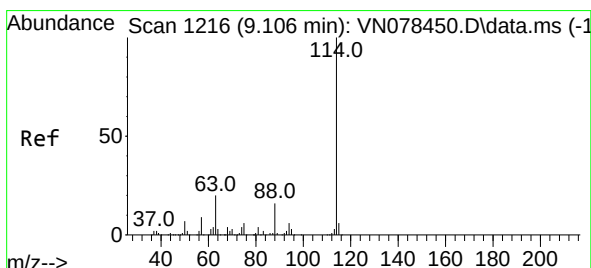
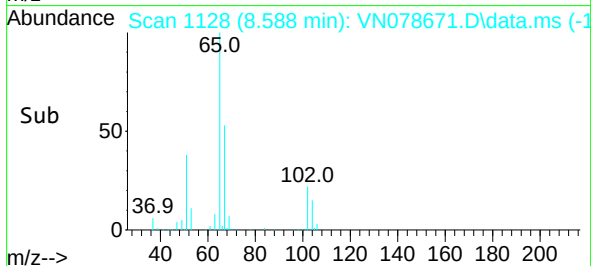
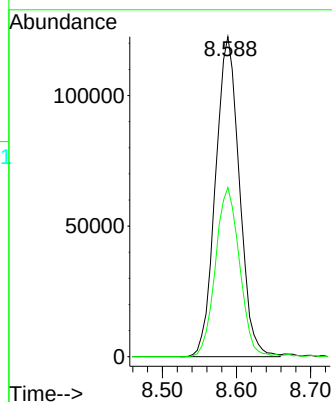
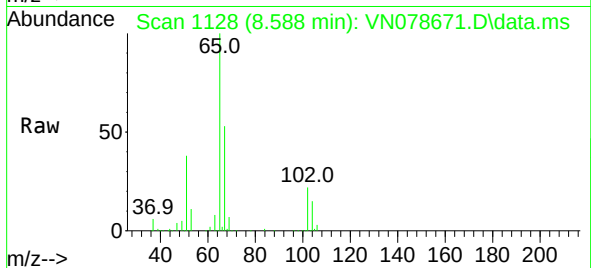




#33
1,2-Dichloroethane-d4
Concen: 48.810 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

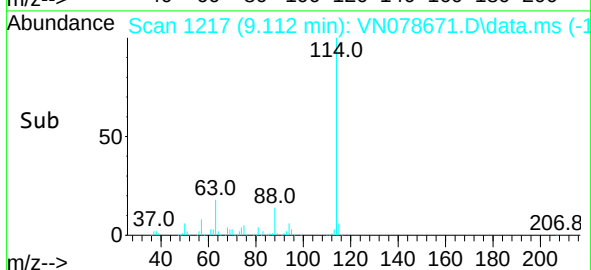
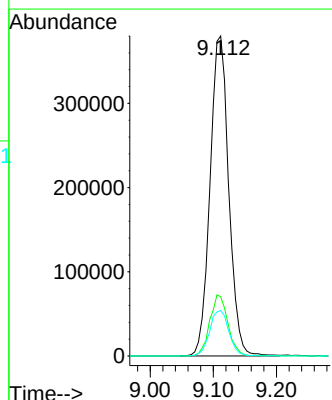
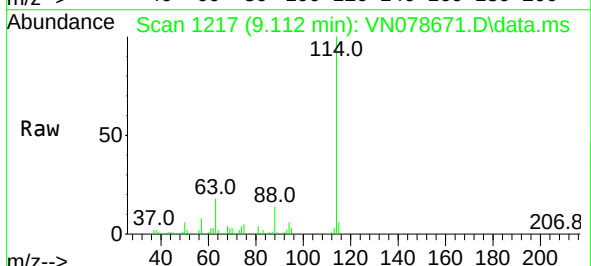
Instrument :
MSVOA_N
ClientSampleId :
DEL-2-RP

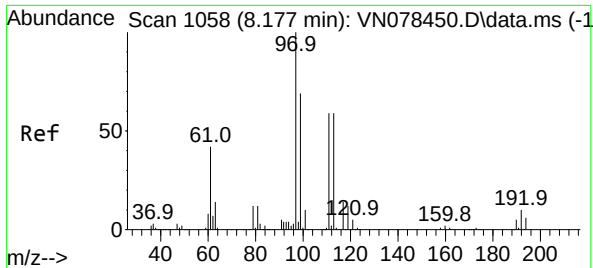
Tgt Ion: 65 Resp: 273772
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

Tgt Ion: 114 Resp: 781075
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.4
88 14.2 0.0 30.6

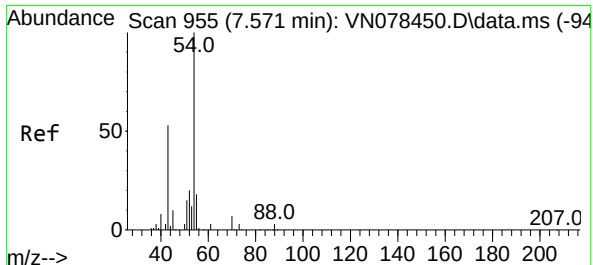
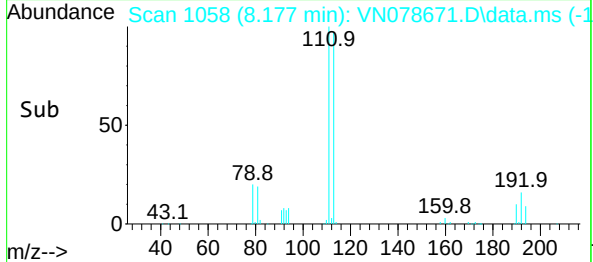
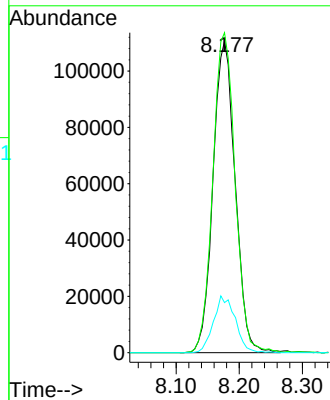
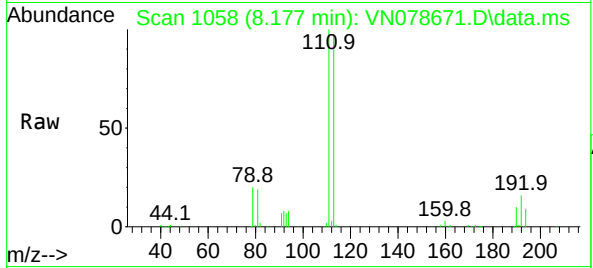




#35
Dibromofluoromethane
Concen: 50.841 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

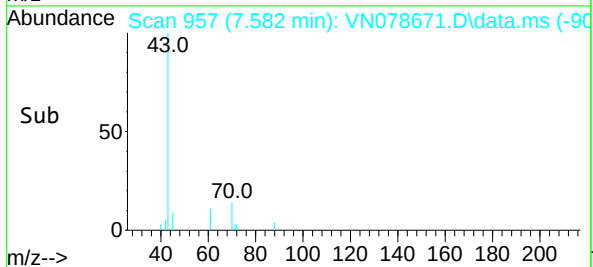
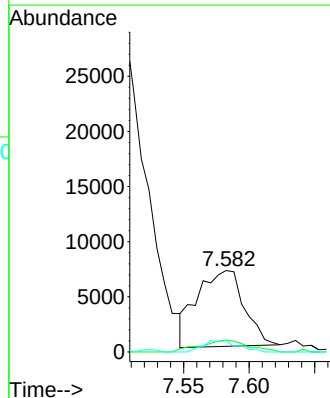
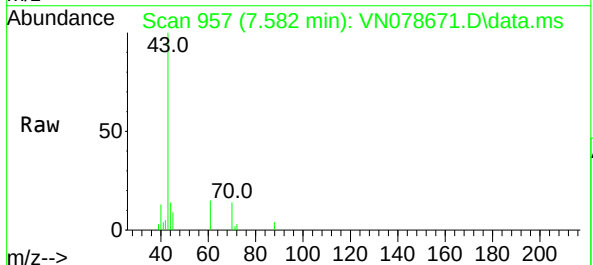
Instrument :
MSVOA_N
ClientSampleId :
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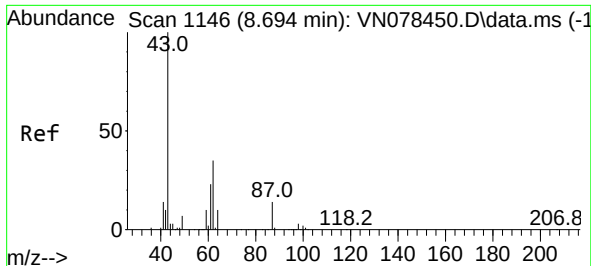
Tgt Ion:113 Resp: 269569
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 18.0 12.7 19.1



#37
Ethyl Acetate
Concen: 2.695 ug/l
RT: 7.582 min Scan# 957
Delta R.T. 0.011 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

Tgt Ion: 43 Resp: 17197
Ion Ratio Lower Upper
43 100
61 15.8 13.2 19.8
70 11.1 11.3 16.9#

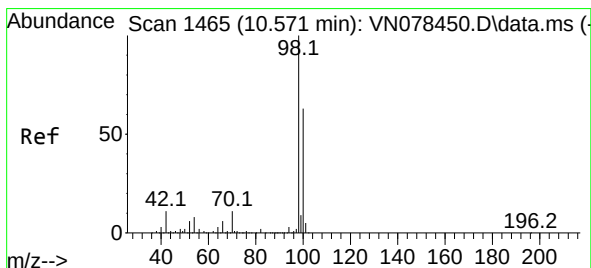
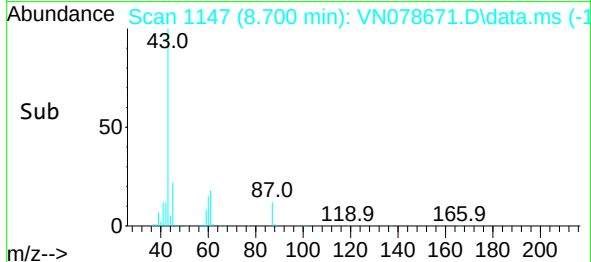
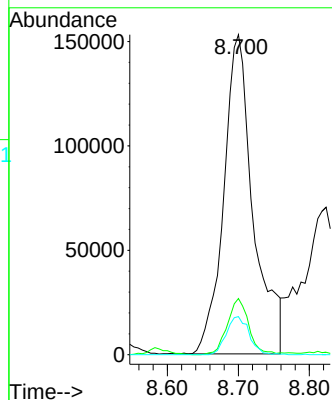
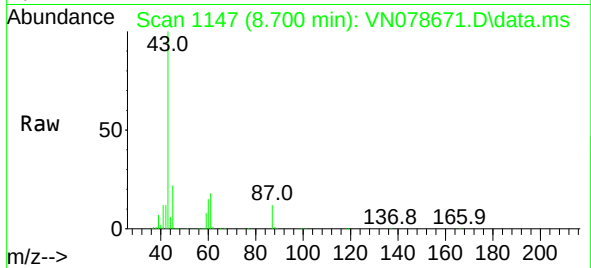




#43
Isopropyl Acetate
Concen: 42.028 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

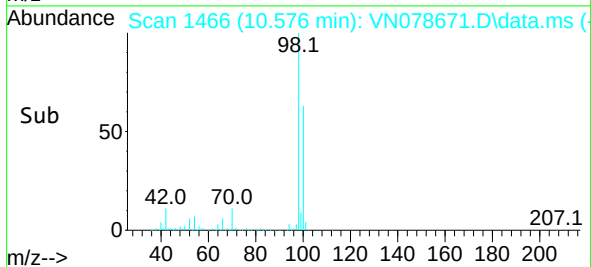
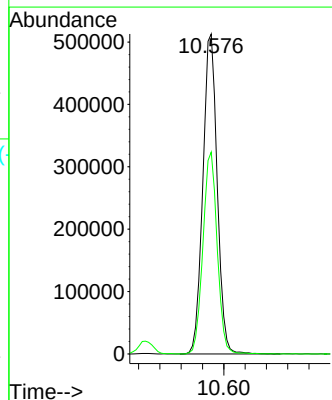
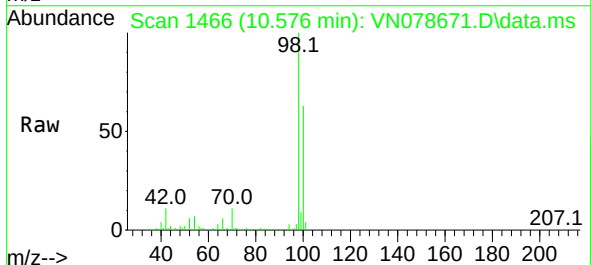
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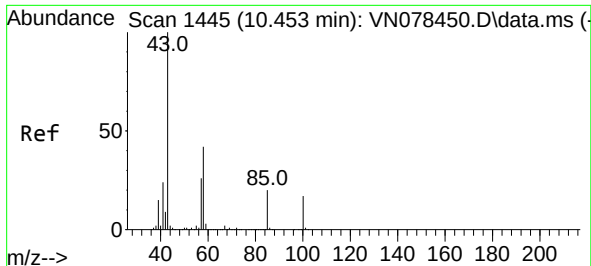
Tgt Ion: 43 Resp: 441597
Ion Ratio Lower Upper
43 100
61 12.9 24.7 37.1#
87 9.2 14.6 21.8#



#50
Toluene-d8
Concen: 47.800 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

Tgt Ion: 98 Resp: 957441
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

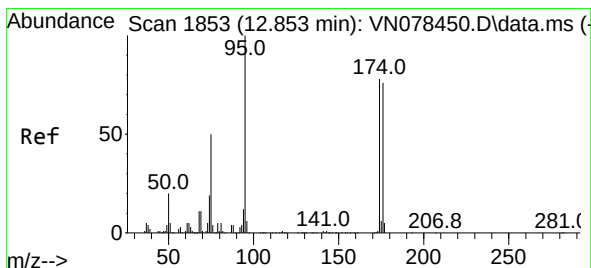
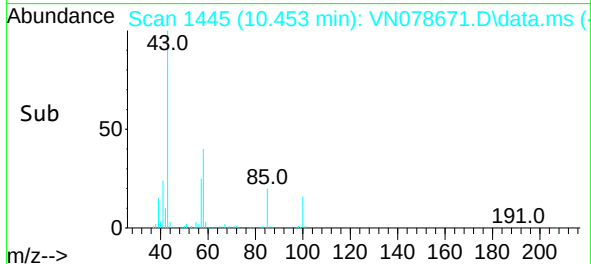
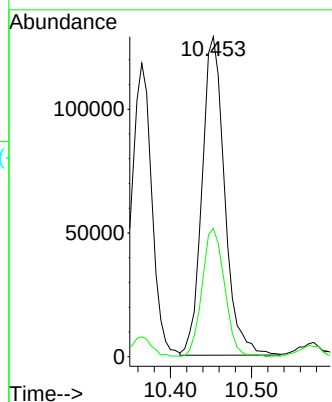
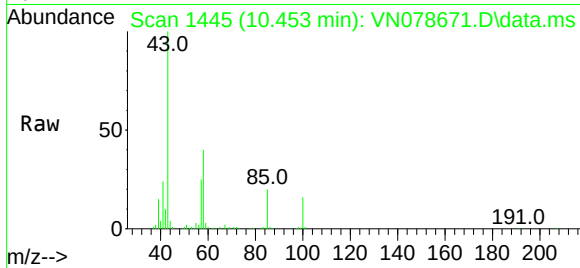




#51
4-Methyl-2-Pentanone
Concen: 39.868 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

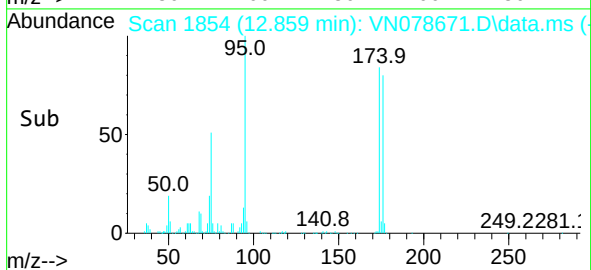
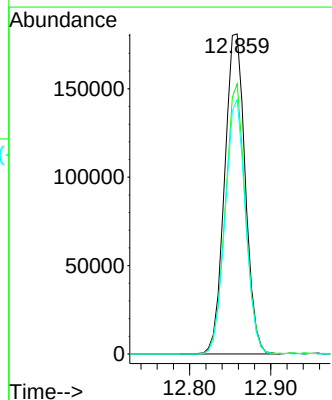
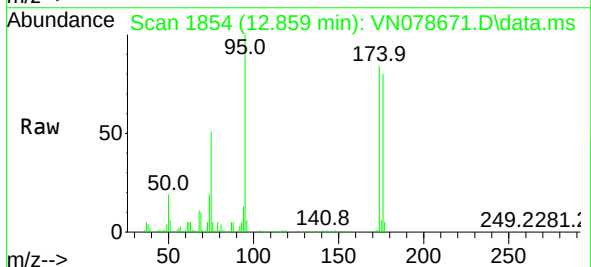
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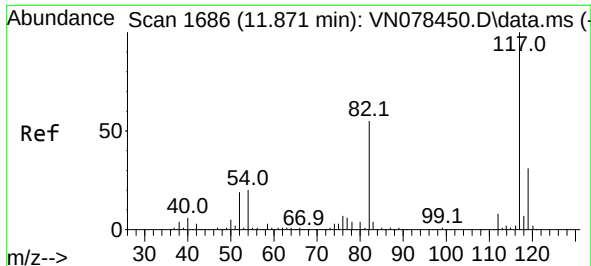
Tgt Ion: 43 Resp: 249171
Ion Ratio Lower Upper
43 100
58 40.1 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 51.940 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

Tgt Ion: 95 Resp: 320451
Ion Ratio Lower Upper
95 100
174 82.1 0.0 143.8
176 78.4 0.0 135.8

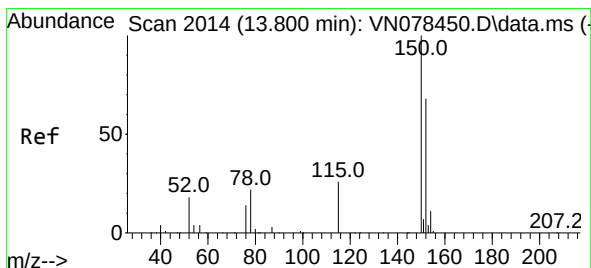
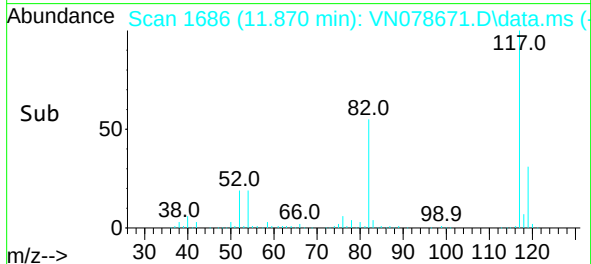
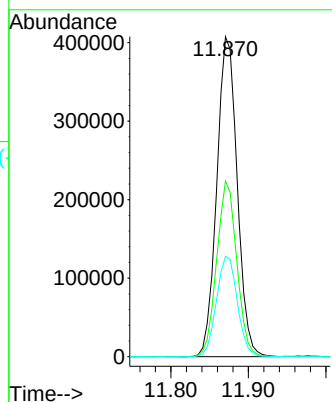
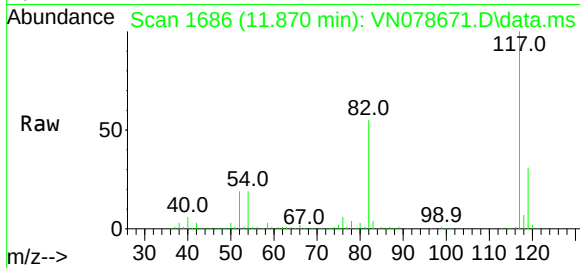




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078671.D
Acq: 27 Jul 2023 19:47

Instrument :
MSVOA_N
ClientSampleId :
DEL-2-RP

Tgt Ion:117 Resp: 745611
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 31.3 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: VN078671.D
Acq: 27 Jul 2023 19:47

Tgt Ion:152 Resp: 279696
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 157.9 0.0 355.8

