

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078665.D
 Acq On : 27 Jul 2023 17:20
 Operator : JC\MD
 Sample : PB154443ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154443ZHE#02

Quant Time: Jul 28 01:09:35 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)

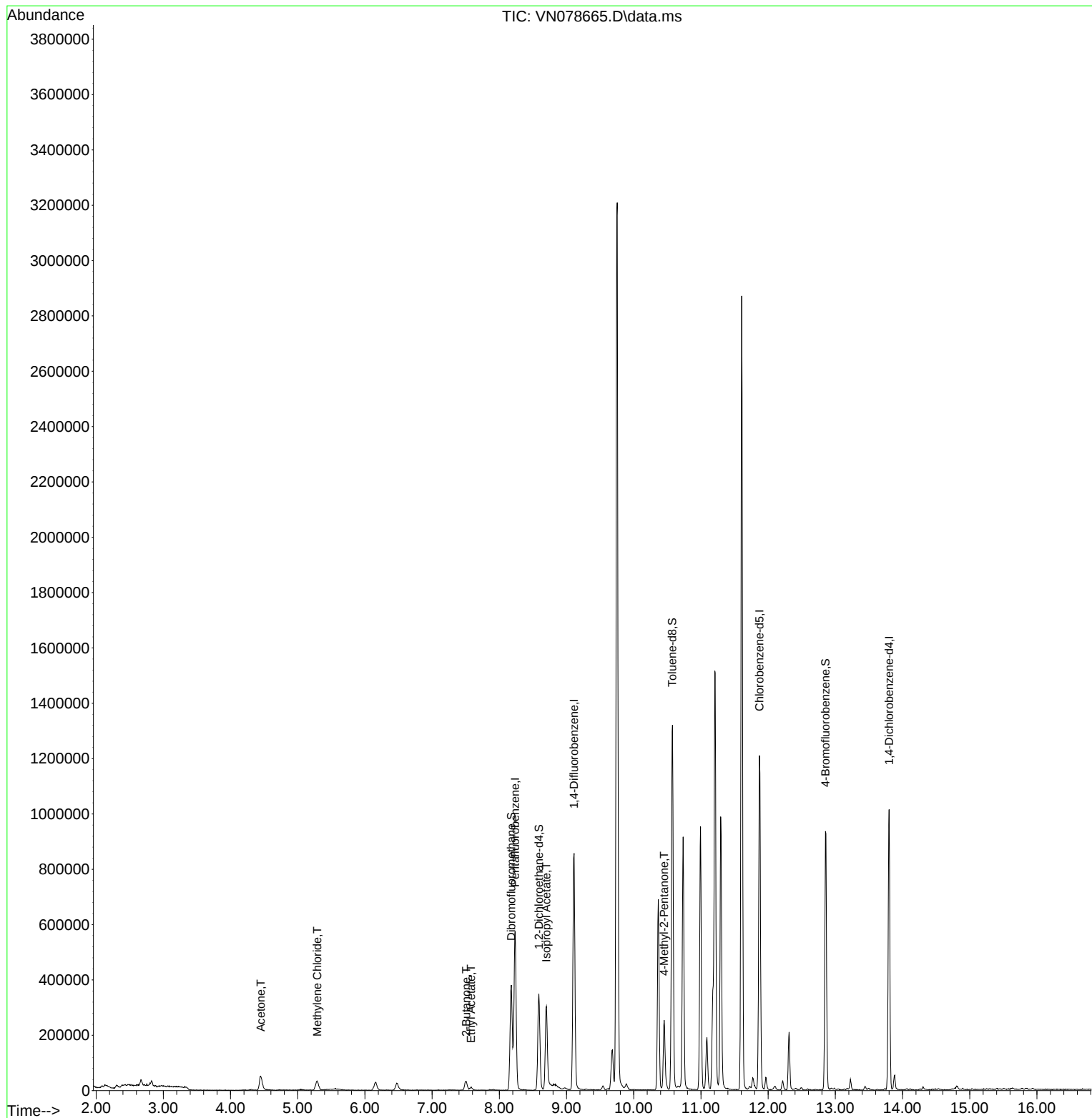
Internal Standards						
1) Pentafluorobenzene	8.236	168	423742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	772665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	751382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	280815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	274679	48.353	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	96.700%	
35) Dibromofluoromethane	8.177	113	275165	52.461	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.920%	
50) Toluene-d8	10.571	98	955807	48.238	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.480%	
62) 4-Bromofluorobenzene	12.853	95	327926	53.730	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	107.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	93881	53.054	ug/l	90
20) Methylene Chloride	5.289	84	27082	4.216	ug/l #	94
25) 2-Butanone	7.506	43	51940	18.647	ug/l	96
37) Ethyl Acetate	7.577	43	14073	2.229	ug/l #	95
43) Isopropyl Acetate	8.700	43	350093	33.682	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	174075	28.156	ug/l	91

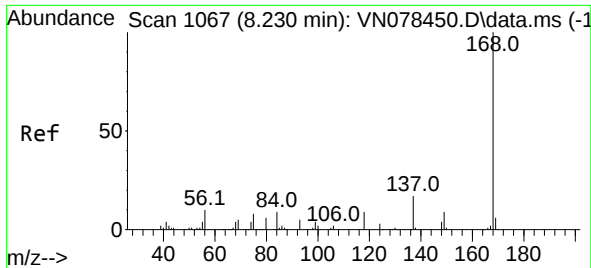
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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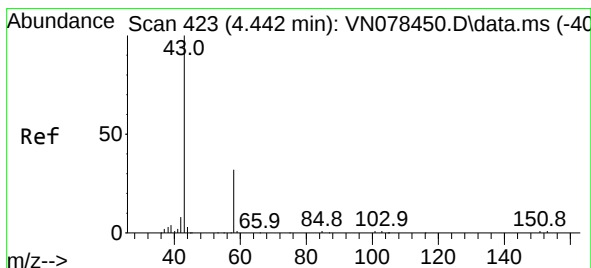
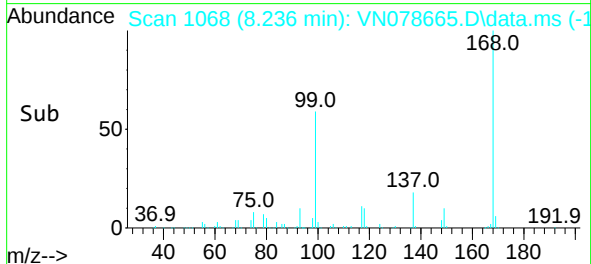
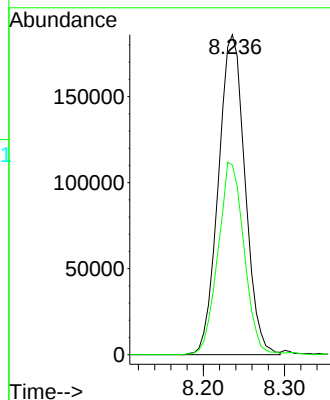
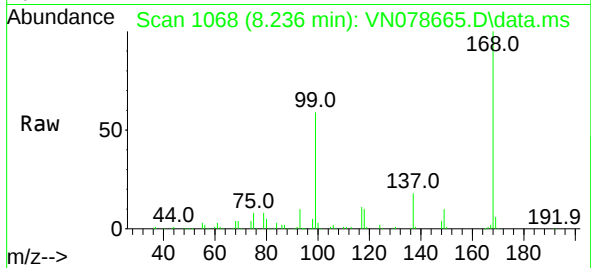




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

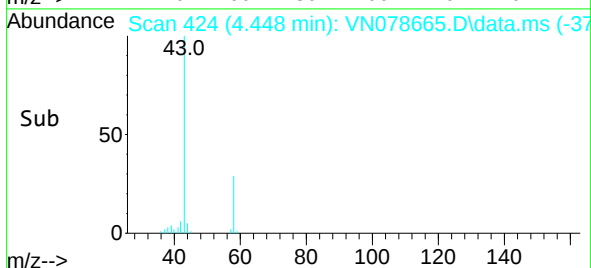
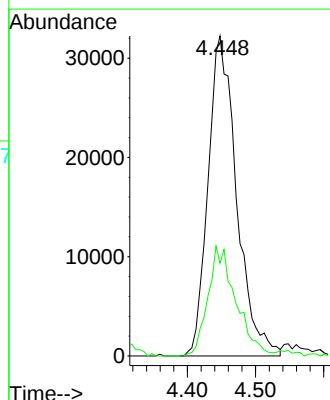
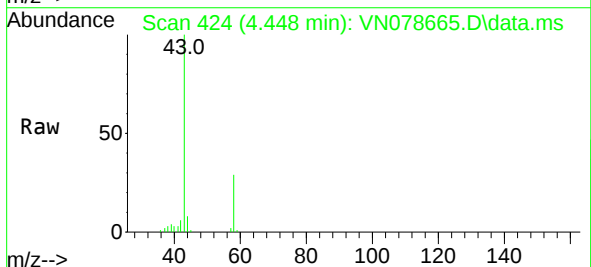
Instrument :
MSVOA_N
ClientSampleId :
PB154443ZHE#02

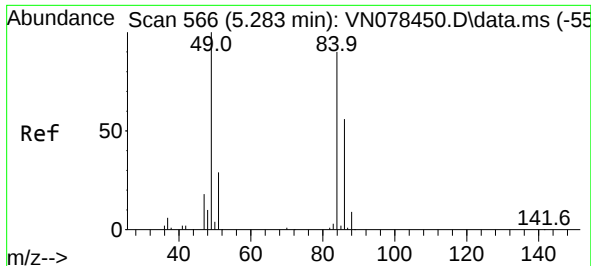
Tgt Ion:168 Resp: 423742
Ion Ratio Lower Upper
168 100
99 59.2 53.0 79.6



#16
Acetone
Concen: 53.054 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

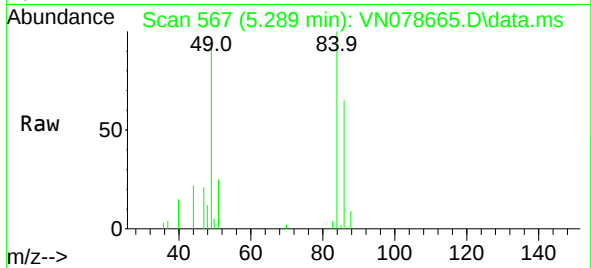
Tgt Ion: 43 Resp: 93881
Ion Ratio Lower Upper
43 100
58 29.0 28.0 42.0



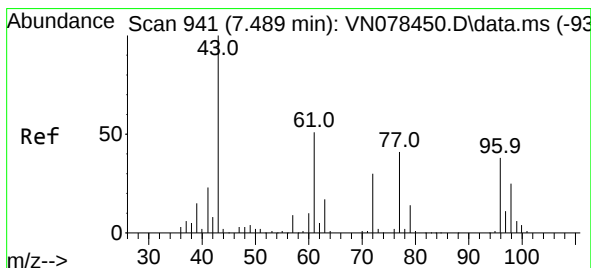
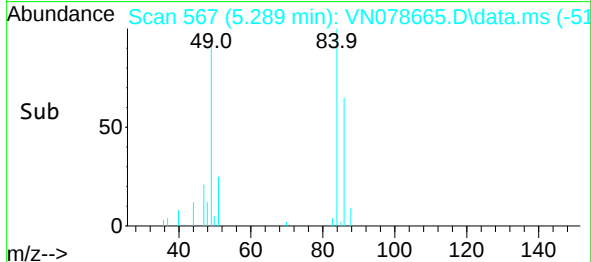
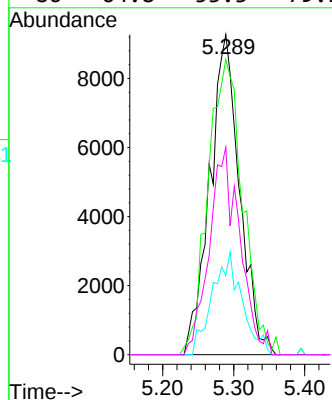


#20
Methylene Chloride
Concen: 4.216 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
PB154443ZHE#02

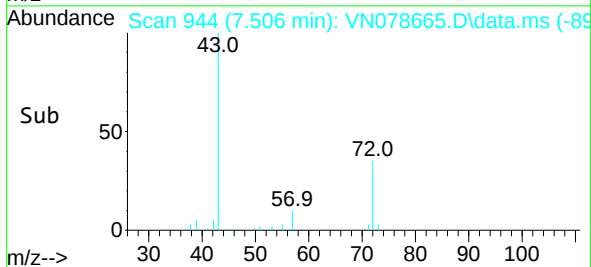
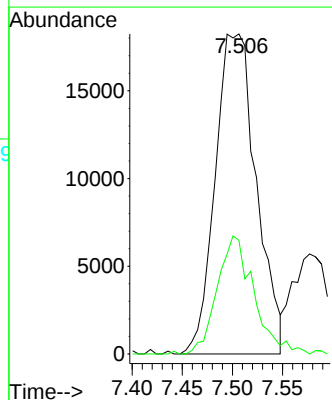
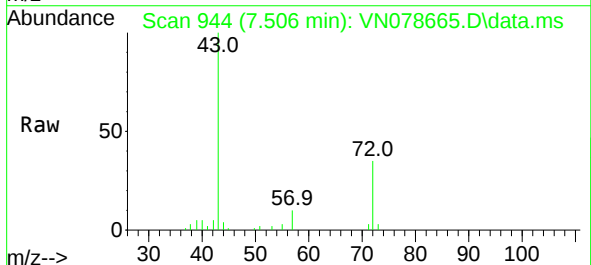


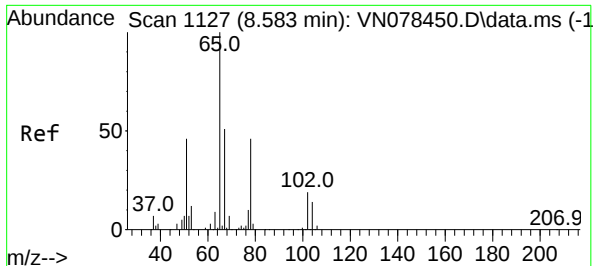
Tgt Ion: 84 Resp: 27082
Ion Ratio Lower Upper
84 100
49 92.3 79.7 119.5
51 24.8 25.2 37.8#
86 64.8 53.3 79.9



#25
2-Butanone
Concen: 18.647 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.017 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 43 Resp: 51940
Ion Ratio Lower Upper
43 100
72 35.5 30.2 45.2

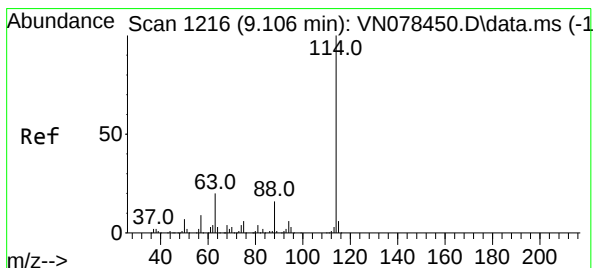
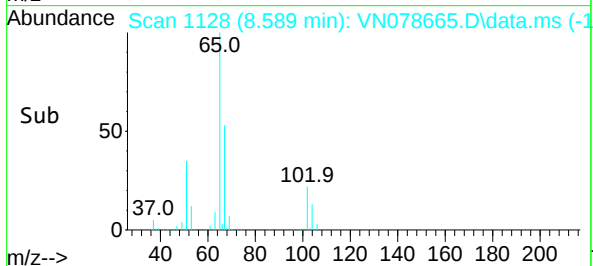
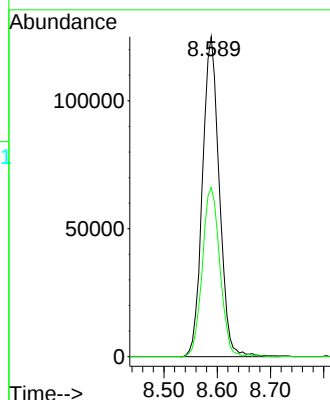
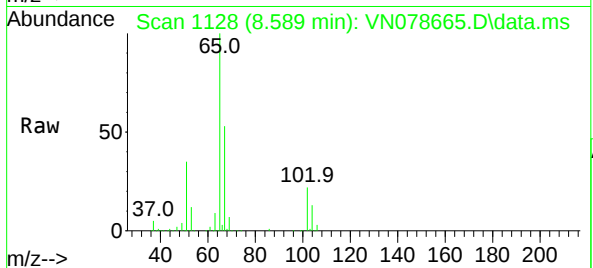




#33
 1,2-Dichloroethane-d4
 Concen: 48.353 ug/l
 RT: 8.589 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN078665.D
 Acq: 27 Jul 2023 17:20

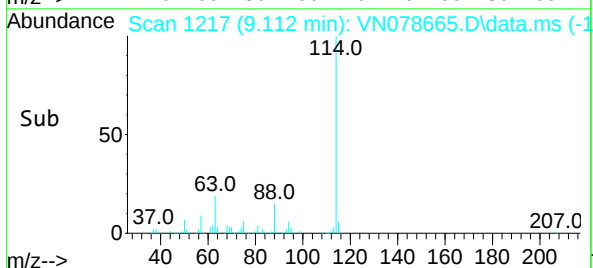
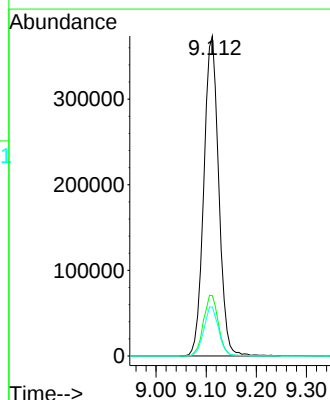
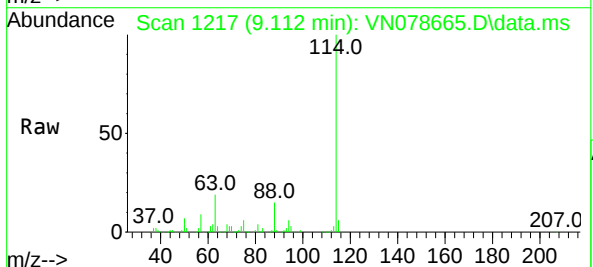
Instrument :
 MSVOA_N
 ClientSampleId :
 PB154443ZHE#02

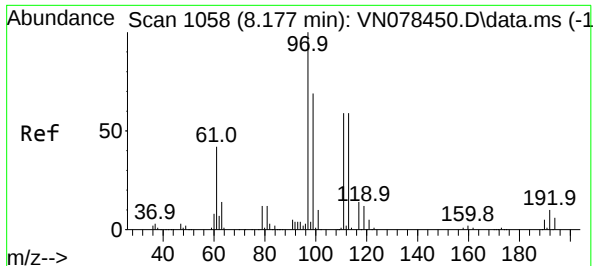
Tgt Ion: 65 Resp: 274679
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.112 min Scan# 1217
 Delta R.T. 0.006 min
 Lab File: VN078665.D
 Acq: 27 Jul 2023 17:20

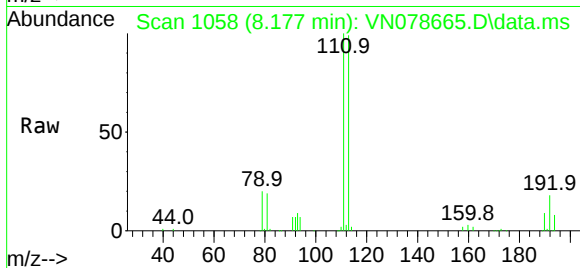
Tgt Ion: 114 Resp: 772665
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.4
 88 15.3 0.0 30.6



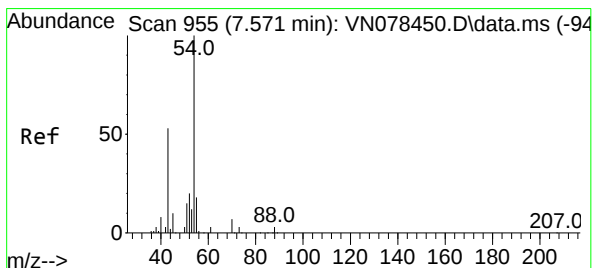
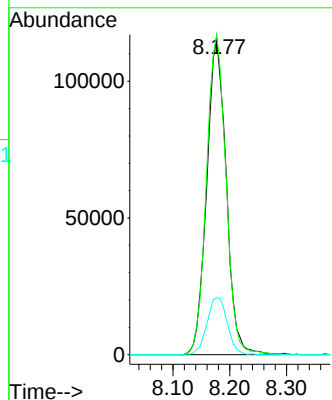
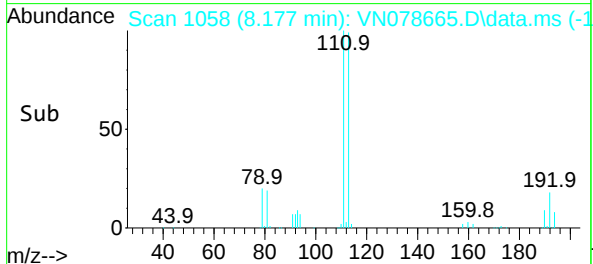


#35
Dibromofluoromethane
Concen: 52.461 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
PB154443ZHE#02

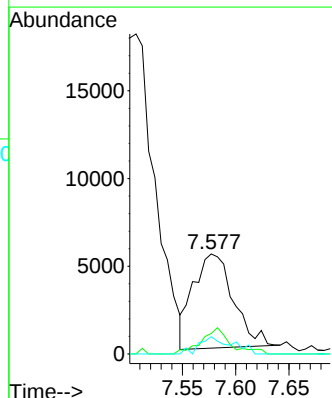
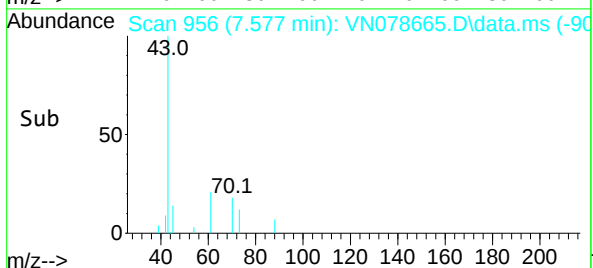
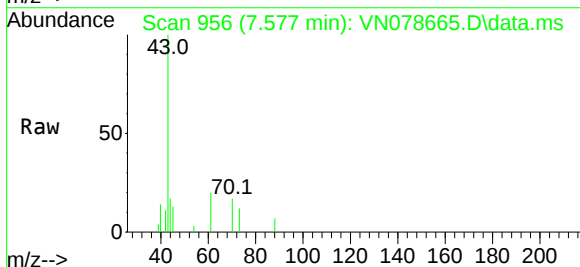


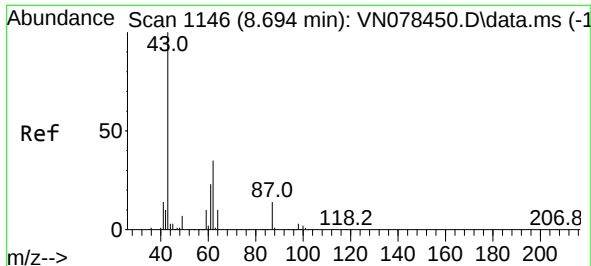
Tgt Ion:113 Resp: 275165
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 18.9 12.7 19.1



#37
Ethyl Acetate
Concen: 2.229 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 43 Resp: 14073
Ion Ratio Lower Upper
43 100
61 20.1 13.2 19.8#
70 15.0 11.3 16.9

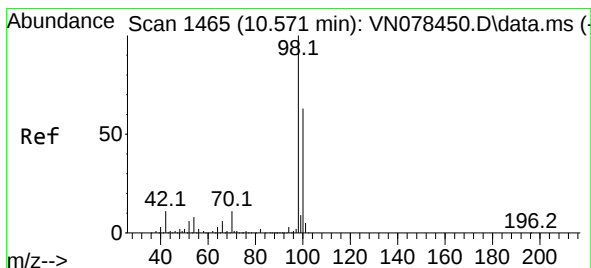
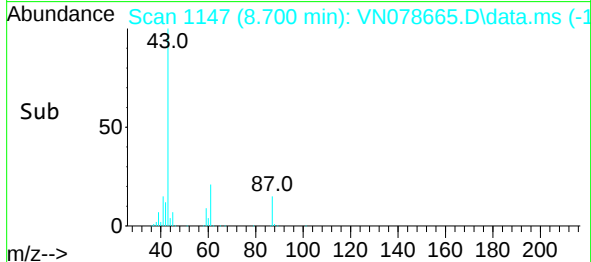
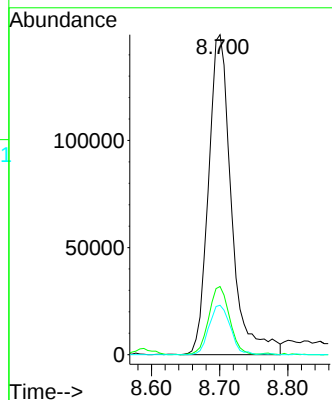
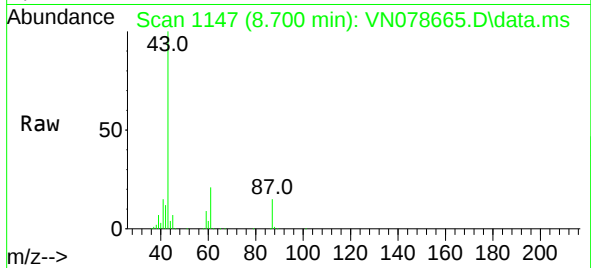




#43
Isopropyl Acetate
Concen: 33.682 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

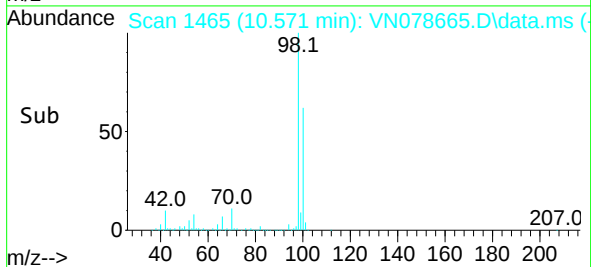
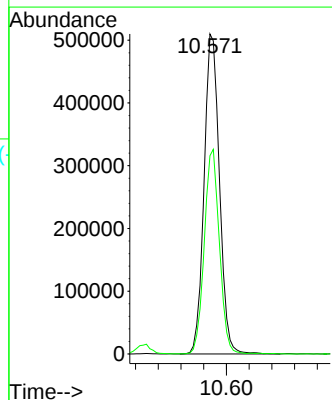
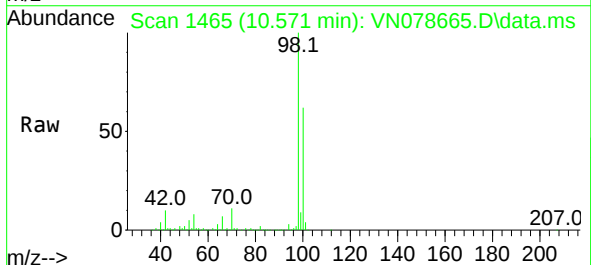
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ClientSampleId :
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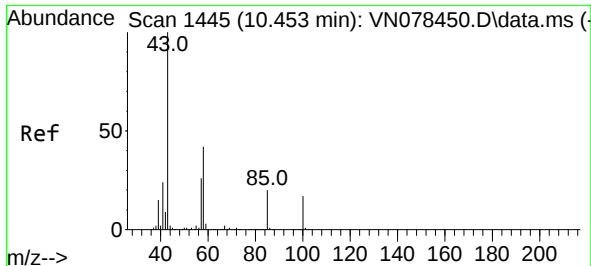
Tgt Ion: 43 Resp: 350093
Ion Ratio Lower Upper
43 100
61 19.3 24.7 37.1#
87 14.3 14.6 21.8#



#50
Toluene-d8
Concen: 48.238 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 98 Resp: 955807
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

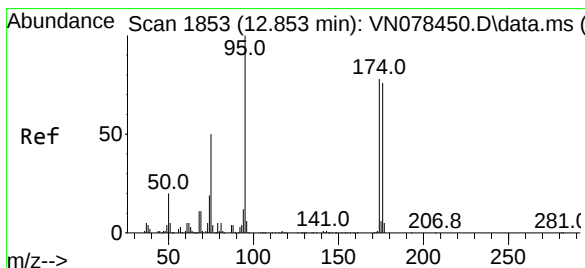
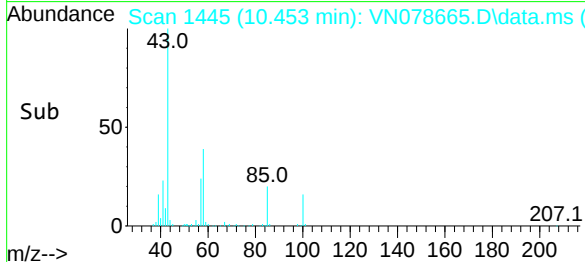
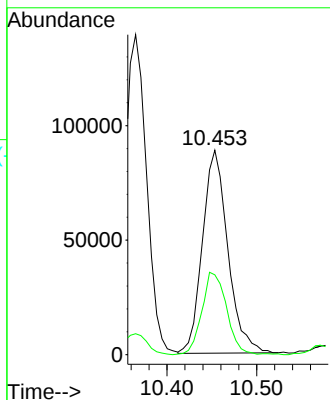
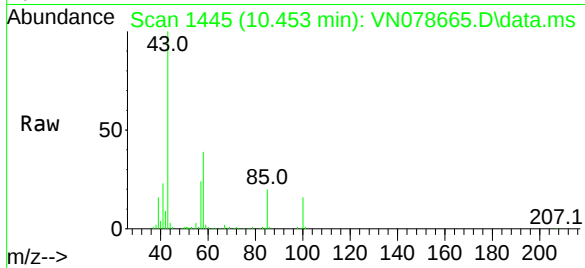




#51
4-Methyl-2-Pentanone
Concen: 28.156 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

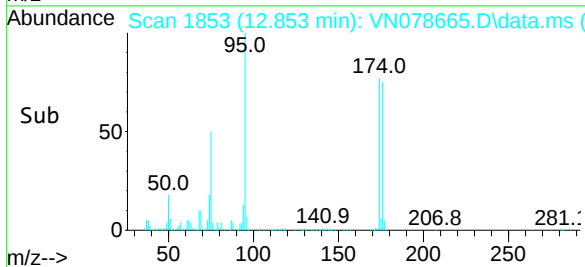
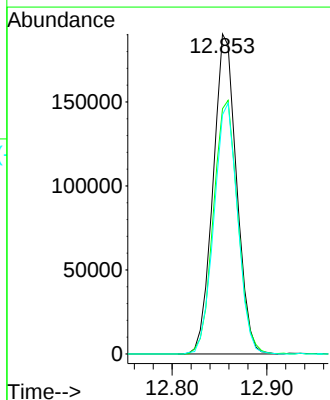
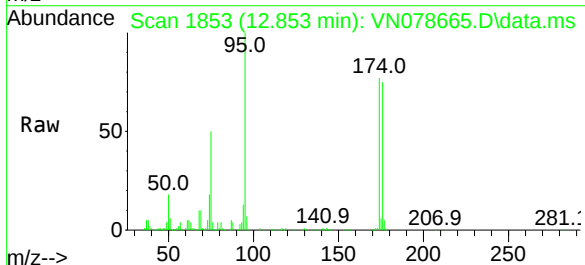
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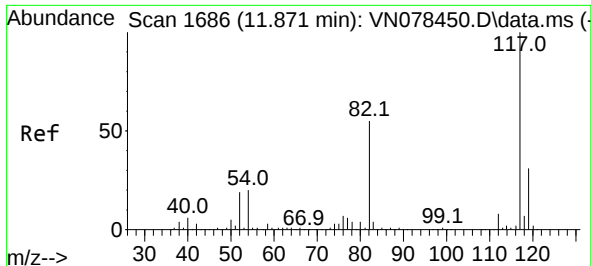
Tgt Ion: 43 Resp: 174075
Ion Ratio Lower Upper
43 100
58 39.5 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 53.730 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 95 Resp: 327926
Ion Ratio Lower Upper
95 100
174 82.0 0.0 143.8
176 78.8 0.0 135.8

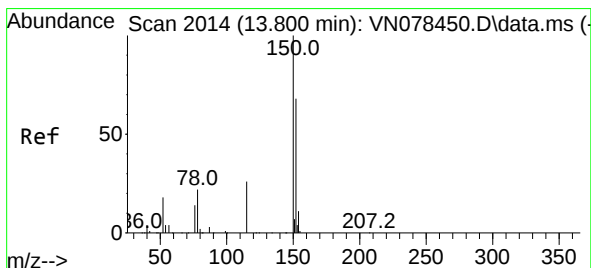
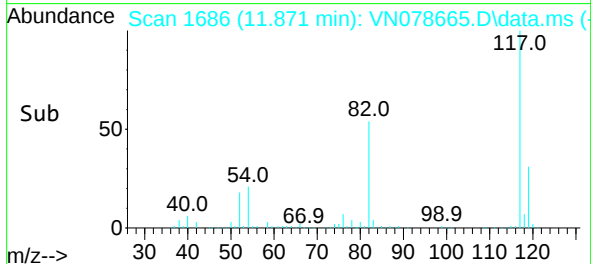
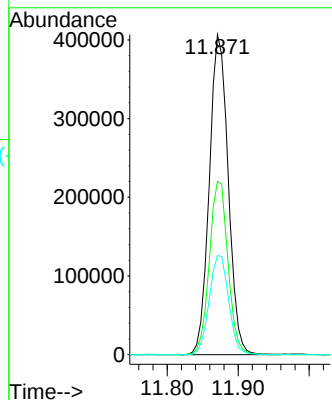
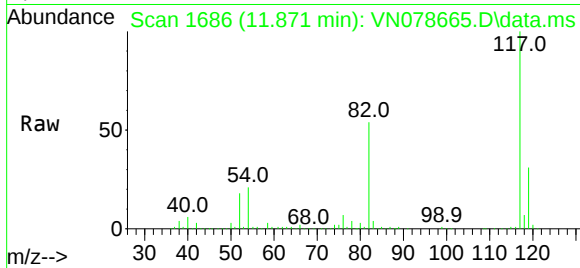




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
PB154443ZHE#02

Tgt Ion:117 Resp: 751382
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 31.0 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: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion:152 Resp: 280815
Ion Ratio Lower Upper
152 100
115 58.7 32.3 96.8
150 160.6 0.0 355.8

