

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080609.D
 Acq On : 29 Dec 2023 12:48
 Operator : JC\MD
 Sample : PB158132ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158132ZHE#01

Quant Time: Dec 29 23:40:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

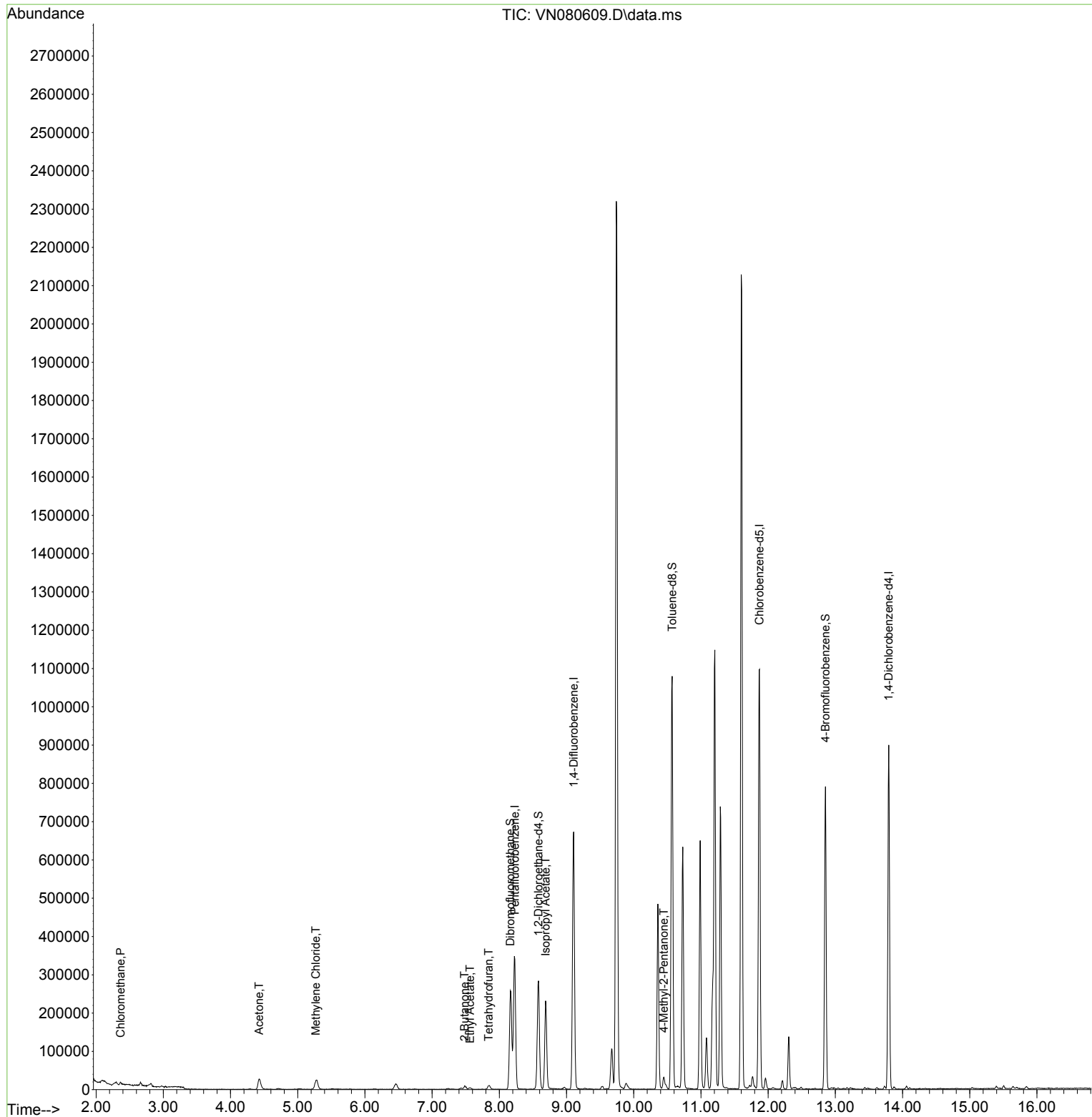
Internal Standards						
1) Pentafluorobenzene	8.230	168	261847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	601167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	668802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230494	68.625	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 137.240%#		
35) Dibromofluoromethane	8.165	113	193663	49.809	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.620%		
50) Toluene-d8	10.571	98	746660	55.001	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 110.000%		
62) 4-Bromofluorobenzene	12.853	95	278756	61.014	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 122.020%		
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	8057	1.556	ug/l	99
16) Acetone	4.424	43	50847	55.691	ug/l	96
20) Methylene Chloride	5.271	84	21777	7.475	ug/l #	90
25) 2-Butanone	7.483	43	13216	7.745	ug/l #	81
29) Tetrahydrofuran	7.841	42	8308	7.465	ug/l #	80
37) Ethyl Acetate	7.565	43	5713	1.265	ug/l #	95
43) Isopropyl Acetate	8.688	43	247202	33.778	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	28934	6.951	ug/l #	77

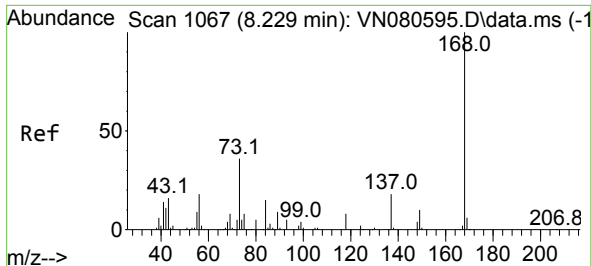
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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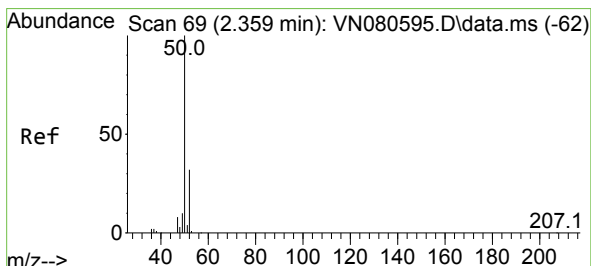
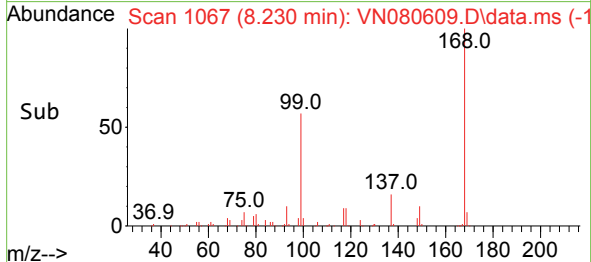
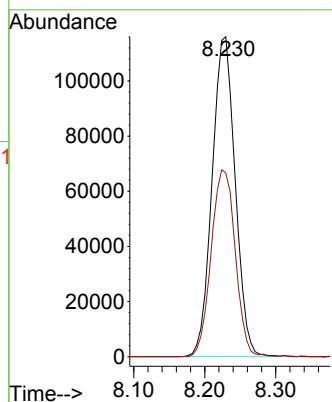
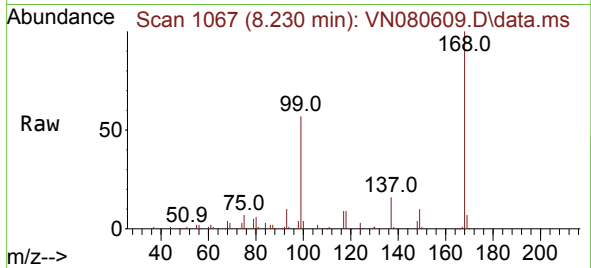




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

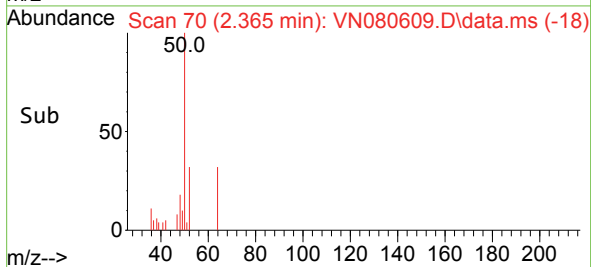
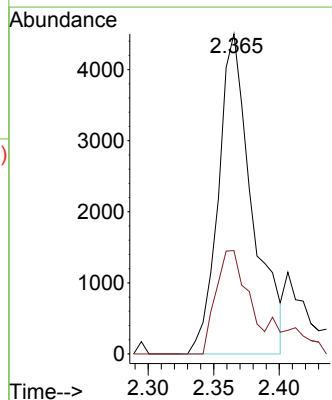
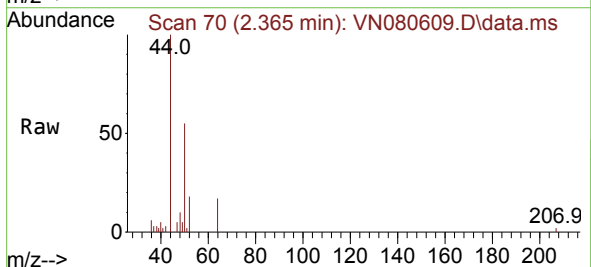
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#01

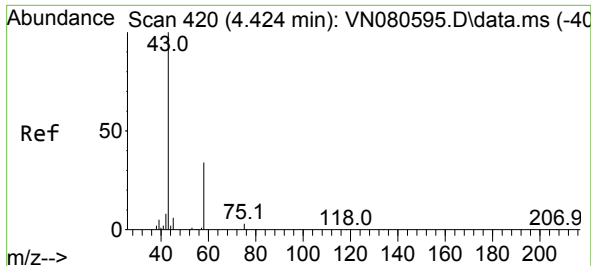
Tgt Ion:168 Resp: 261847
Ion Ratio Lower Upper
168 100
99 57.4 53.0 79.6



#3
Chloromethane
Concen: 1.556 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 50 Resp: 8057
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

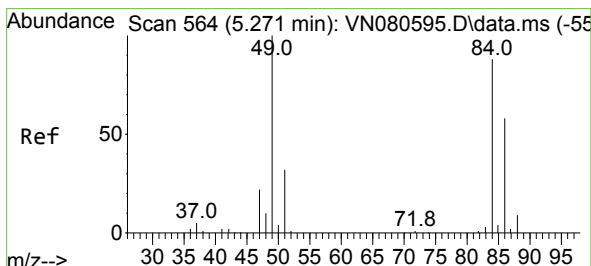
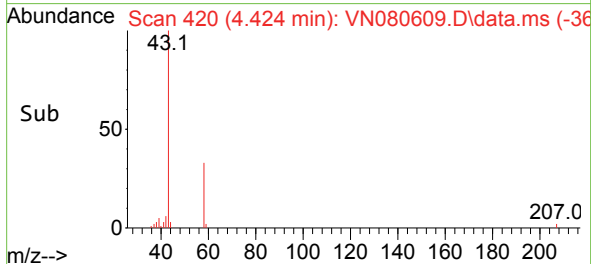
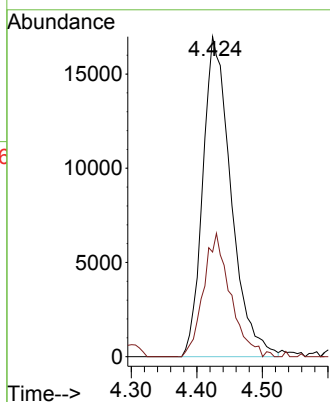
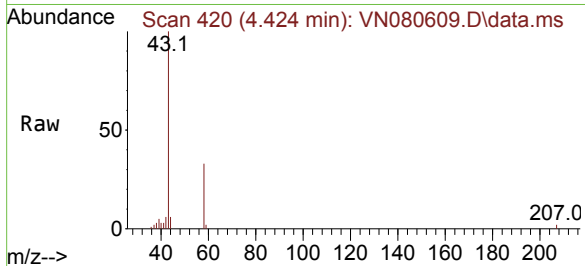




#16
Acetone
Concen: 55.691 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

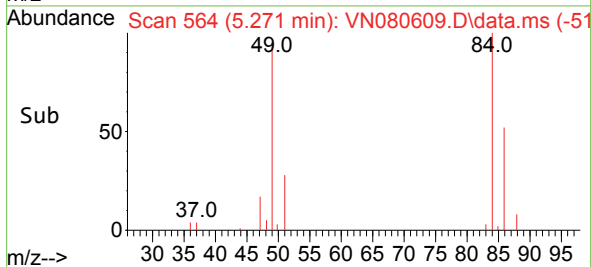
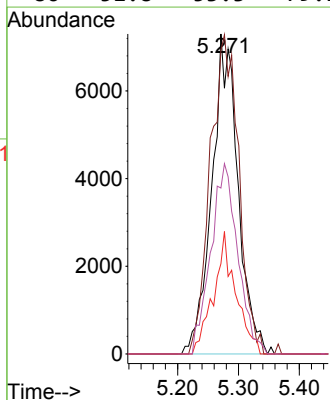
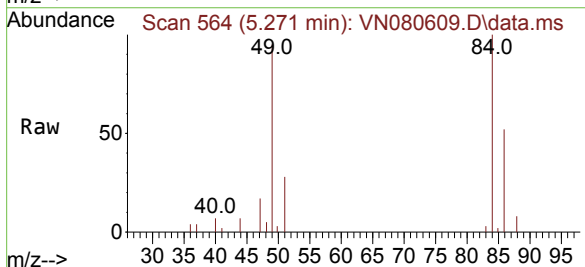
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#01

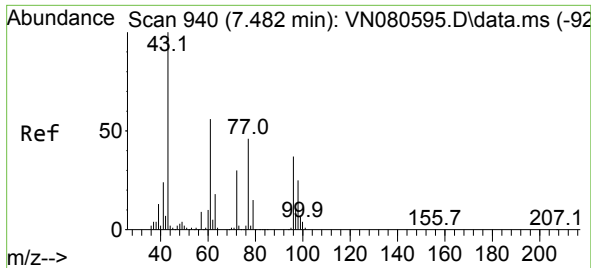
Tgt Ion: 43 Resp: 50847
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0



#20
Methylene Chloride
Concen: 7.475 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 84 Resp: 21777
Ion Ratio Lower Upper
84 100
49 94.8 79.7 119.5
51 28.2 25.2 37.8
86 51.8 53.3 79.9#

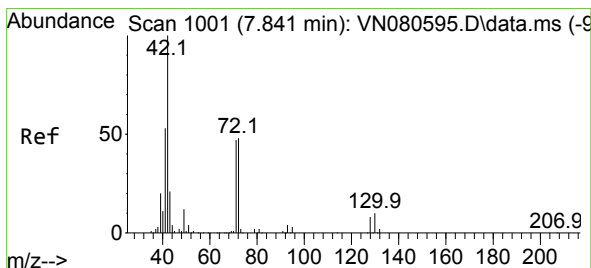
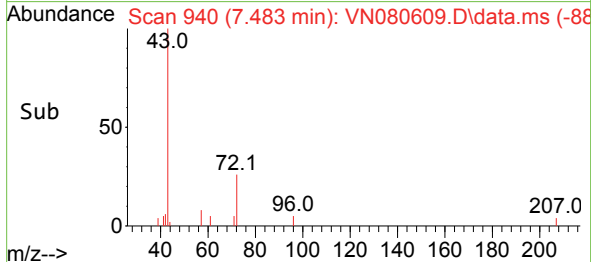
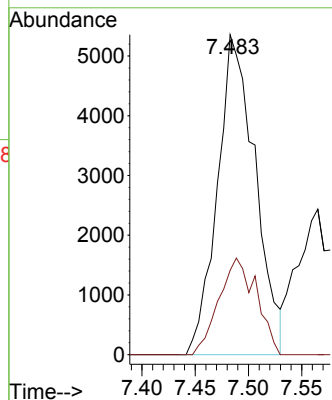
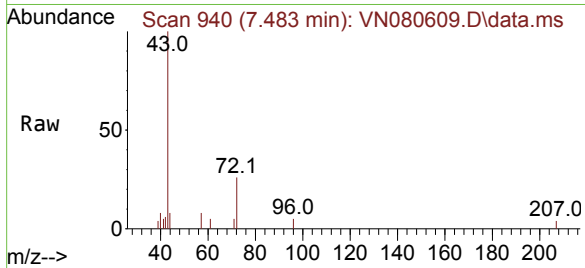




#25
2-Butanone
Concen: 7.745 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

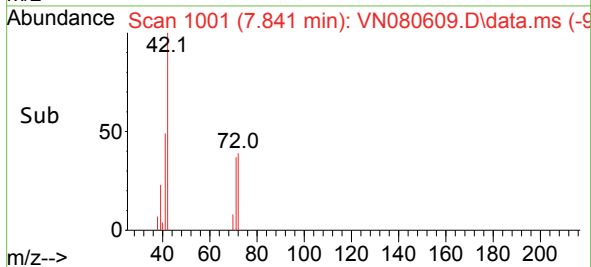
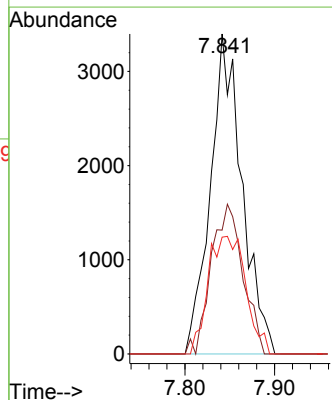
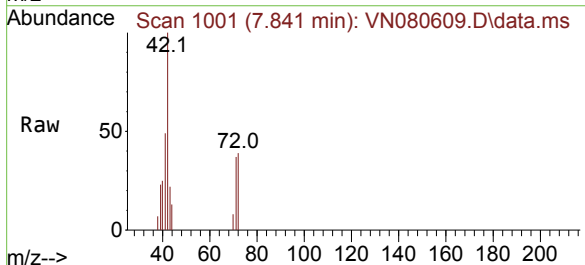
Instrument :
MSVOA_N
ClientSampleId :
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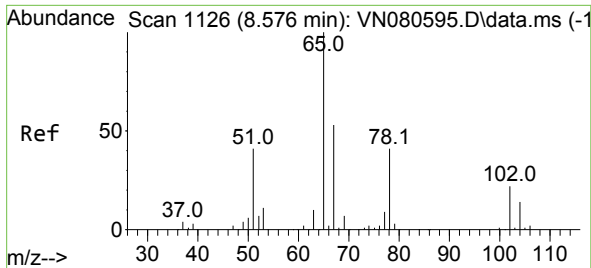
Tgt Ion: 43 Resp: 13216
Ion Ratio Lower Upper
43 100
72 26.3 30.2 45.2#



#29
Tetrahydrofuran
Concen: 7.465 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 42 Resp: 8308
Ion Ratio Lower Upper
42 100
72 47.0 49.8 74.6#
71 43.8 47.4 71.2#

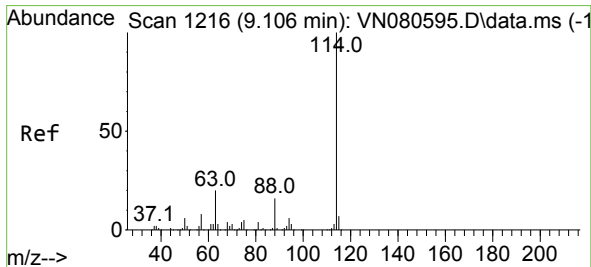
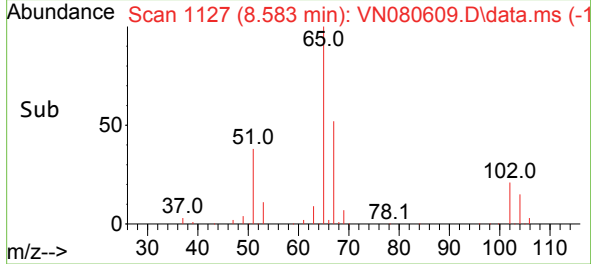
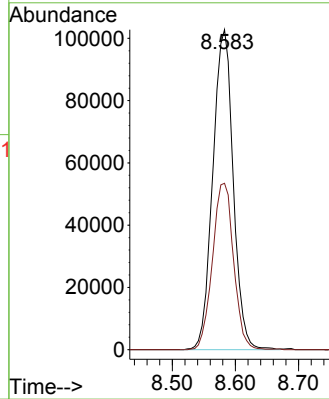
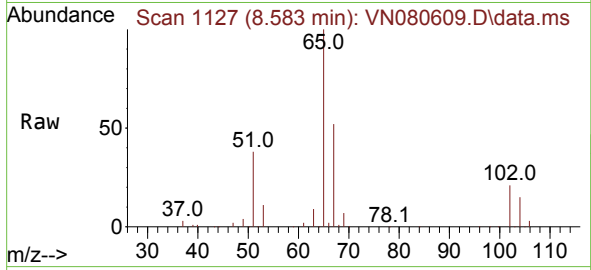




#33
 1,2-Dichloroethane-d4
 Concen: 68.625 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN080609.D
 Acq: 29 Dec 2023 12:48

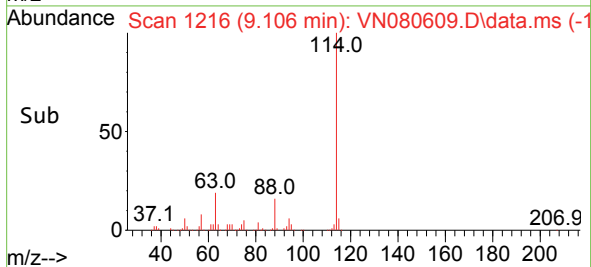
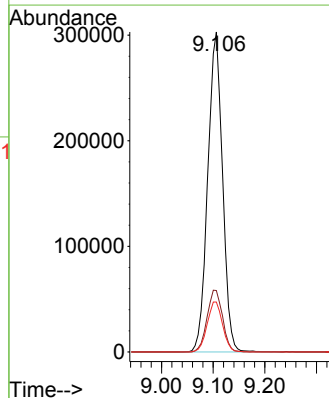
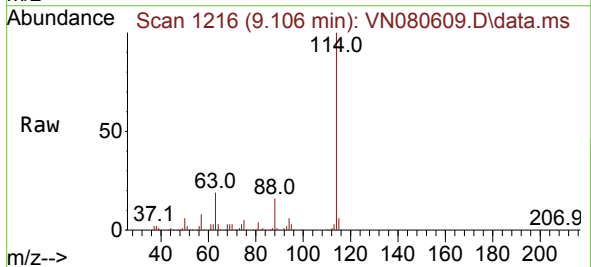
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 ClientSampleId :
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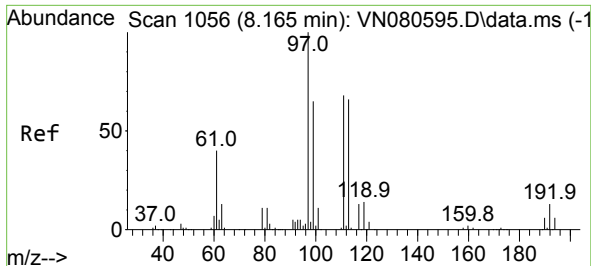
Tgt Ion: 65 Resp: 230494
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN080609.D
 Acq: 29 Dec 2023 12:48

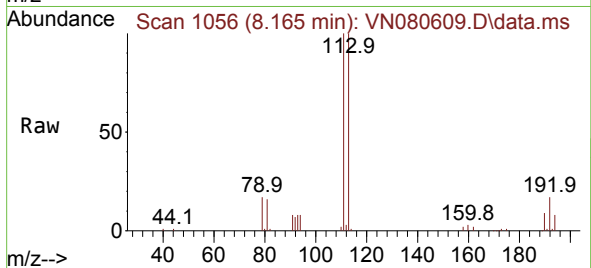
Tgt Ion: 114 Resp: 601167
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 36.4
 88 15.6 0.0 30.6



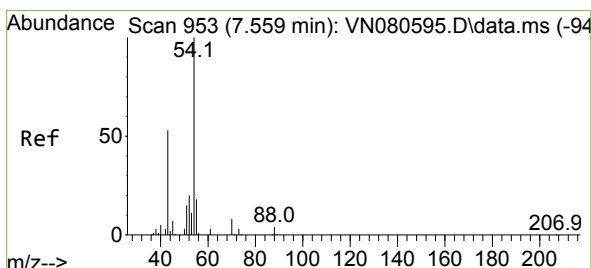
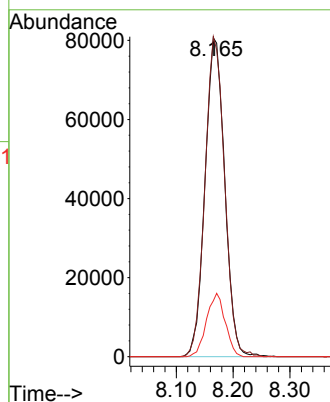
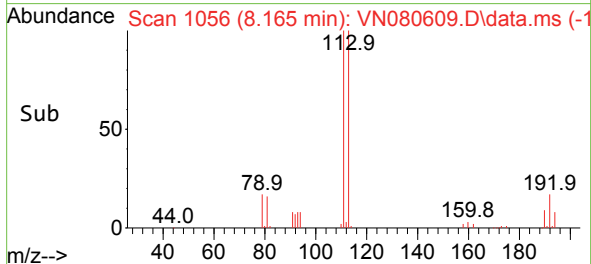


#35
Dibromofluoromethane
Concen: 49.809 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Instrument :
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ClientSampleId :
PB158132ZHE#01

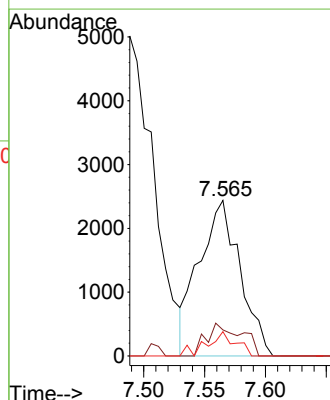
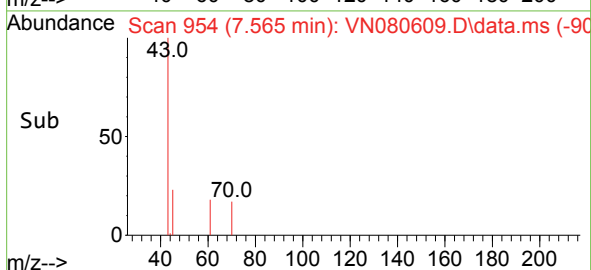
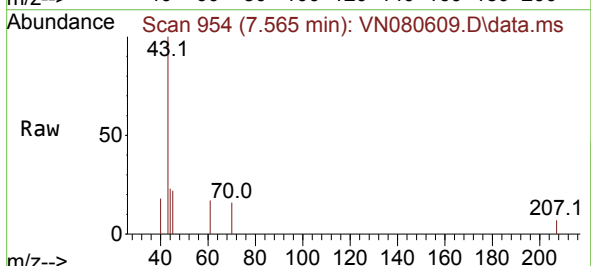


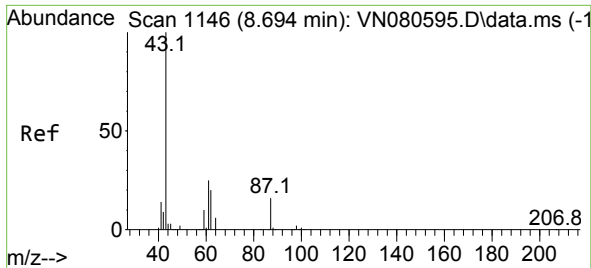
Tgt Ion:113 Resp: 193663
Ion Ratio Lower Upper
113 100
111 100.2 82.6 123.8
192 18.8 12.7 19.1



#37
Ethyl Acetate
Concen: 1.265 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 43 Resp: 5713
Ion Ratio Lower Upper
43 100
61 17.8 13.2 19.8
70 10.8 11.3 16.9#

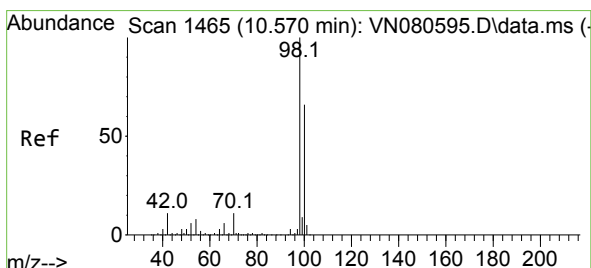
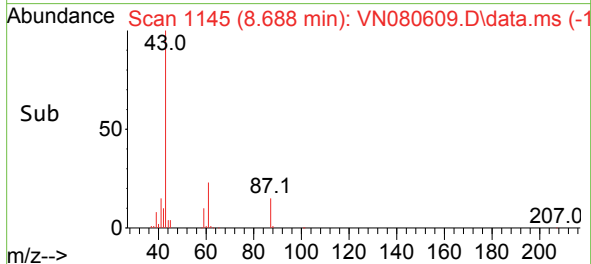
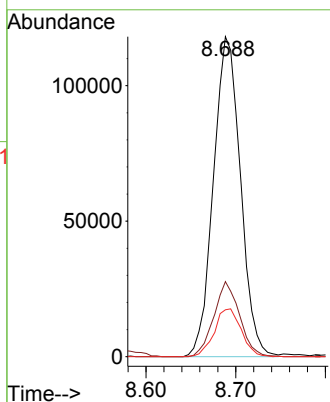
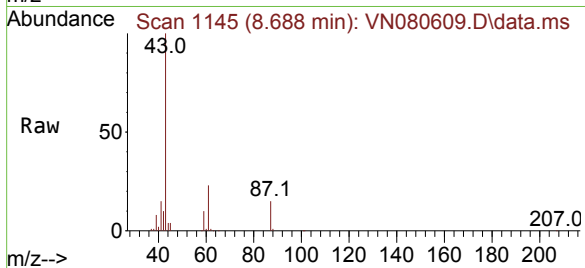




#43
Isopropyl Acetate
Concen: 33.778 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

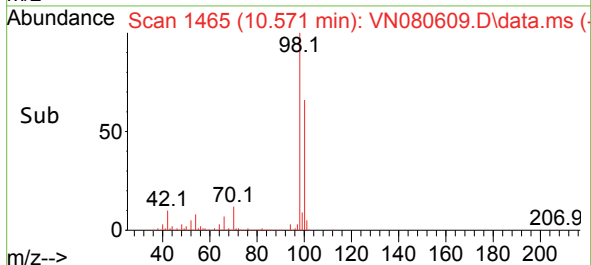
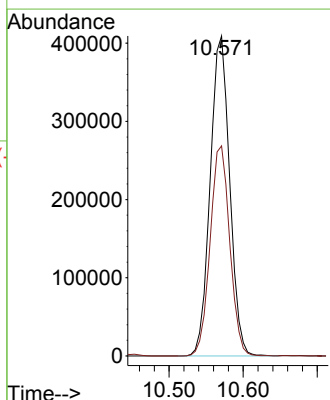
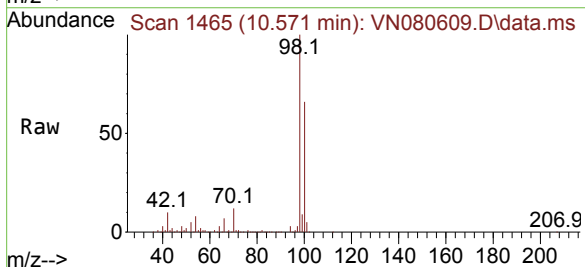
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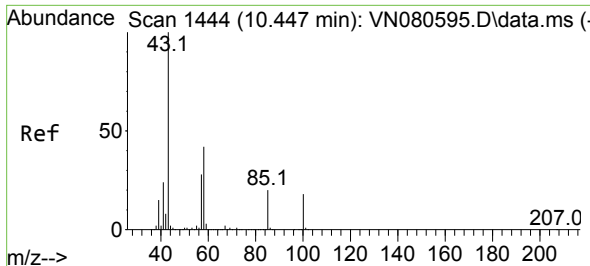
Tgt Ion: 43 Resp: 247202
Ion Ratio Lower Upper
43 100
61 22.3 24.7 37.1#
87 14.9 14.6 21.8



#50
Toluene-d8
Concen: 55.001 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 98 Resp: 746660
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0

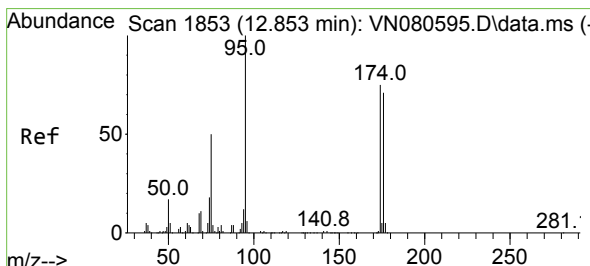
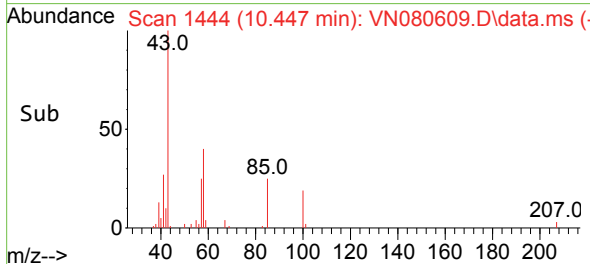
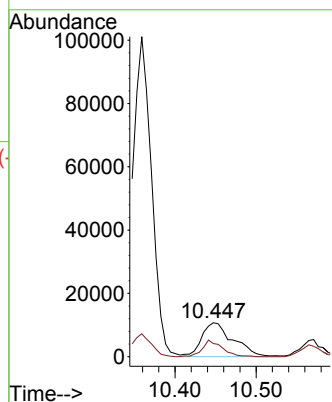
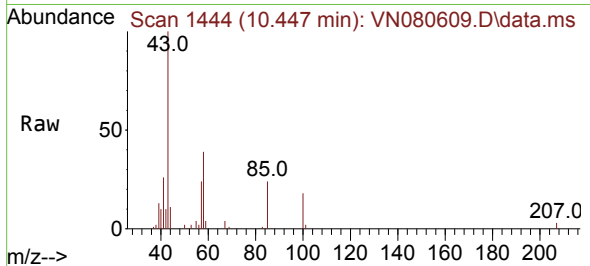




#51
4-Methyl-2-Pentanone
Concen: 6.951 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

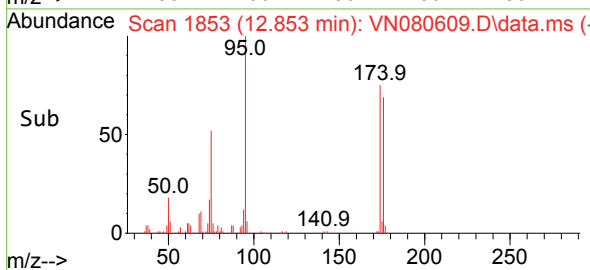
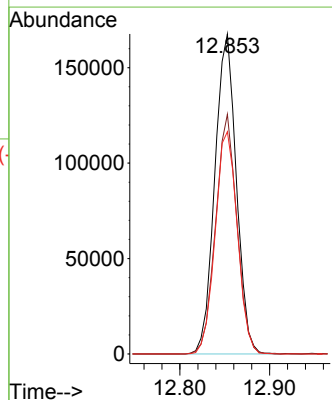
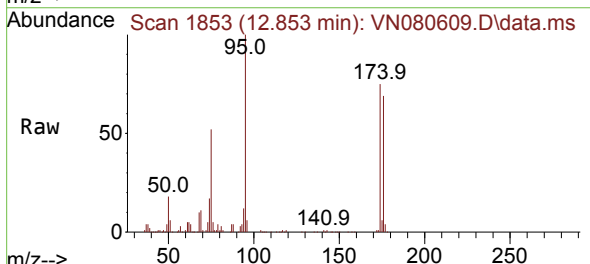
Instrument :
MSVOA_N
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PB158132ZHE#01

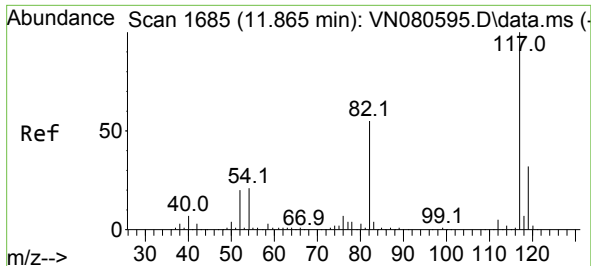
Tgt Ion: 43 Resp: 28934
Ion Ratio Lower Upper
43 100
58 30.7 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 61.014 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 95 Resp: 278756
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.5 0.0 135.8

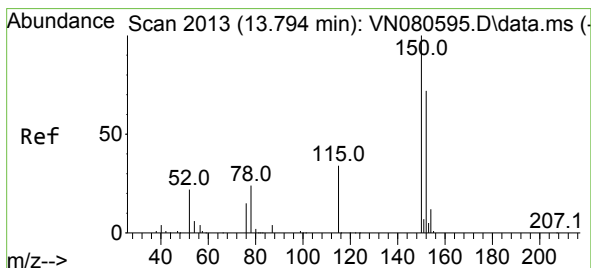
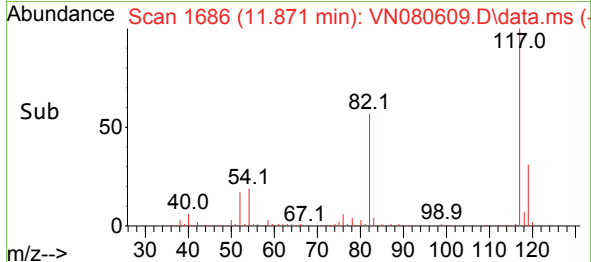
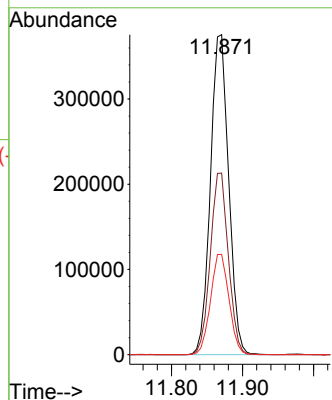
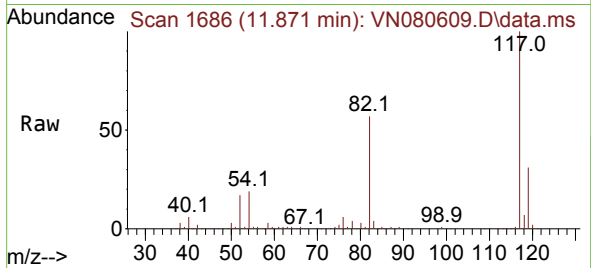




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#01

Tgt Ion:117 Resp: 668802
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion:152 Resp: 244139
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 157.4 0.0 355.8

