

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078946.D
 Acq On : 18 Aug 2023 16:47
 Operator : JC\MD
 Sample : PB154902ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#03

Quant Time: Aug 18 23:44:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

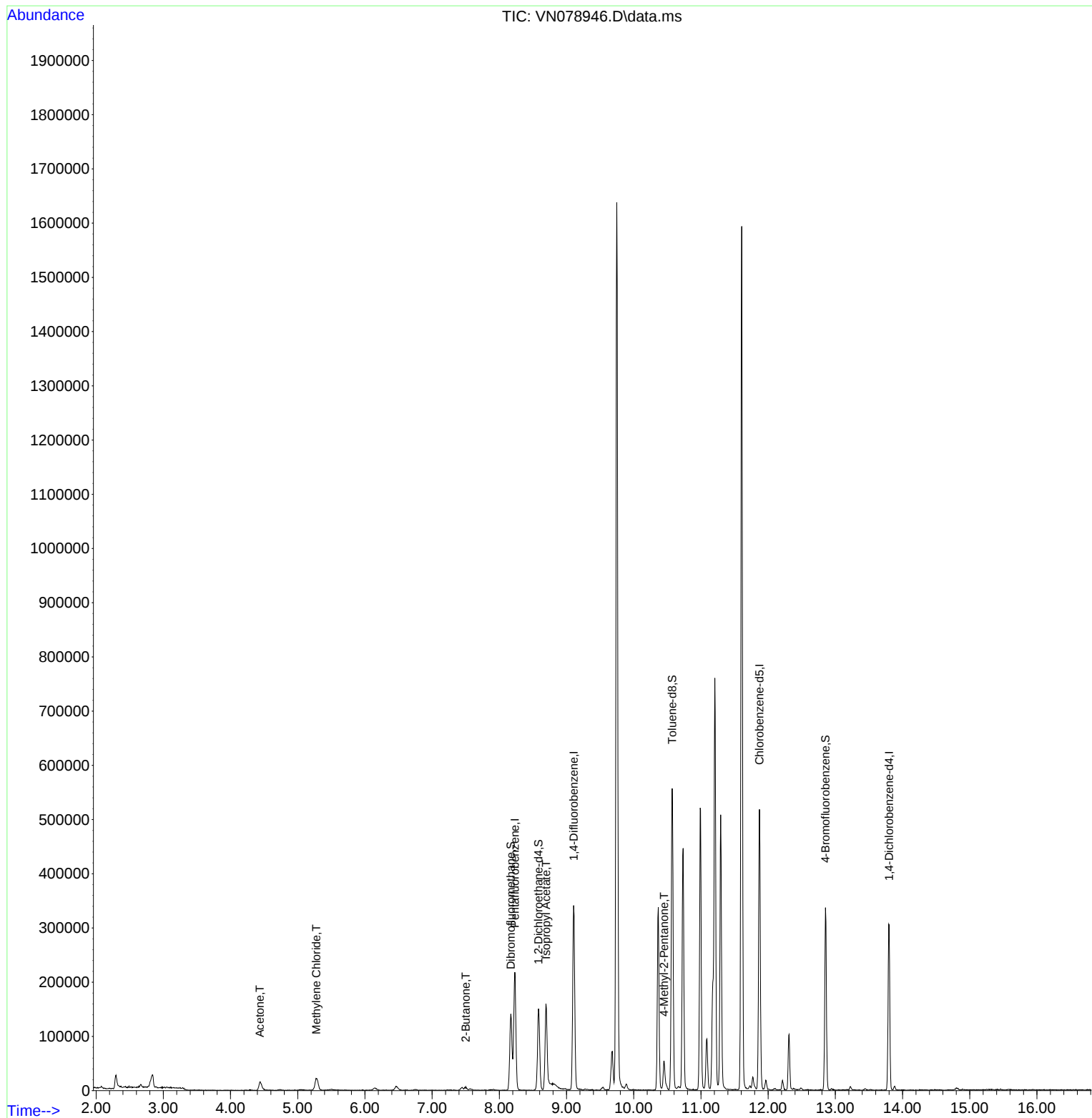
Internal Standards						
1) Pentafluorobenzene	8.230	168	154149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	283495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	80677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	118796	49.525	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.060%		
35) Dibromofluoromethane	8.171	113	99520	51.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.040%		
50) Toluene-d8	10.571	98	381123	52.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.240%		
62) 4-Bromofluorobenzene	12.853	95	107157	45.261	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.520%		
Target Compounds						
16) Acetone	4.436	43	30325	30.639	ug/l #	82
20) Methylene Chloride	5.277	84	17005	8.062	ug/l #	67
25) 2-Butanone	7.500	43	8918	5.620	ug/l #	75
43) Isopropyl Acetate	8.694	43	183038	31.542	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	43283	12.576	ug/l #	76

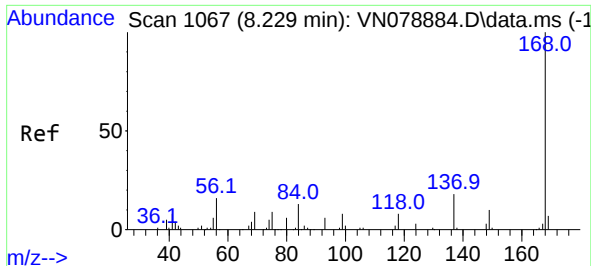
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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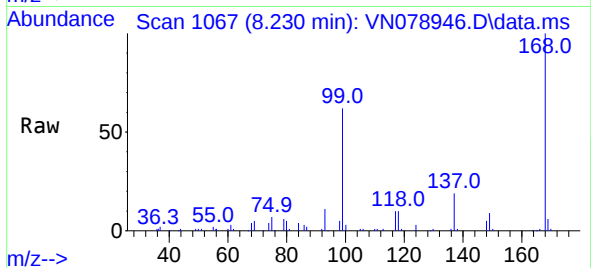
Quant Time: Aug 18 23:44:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
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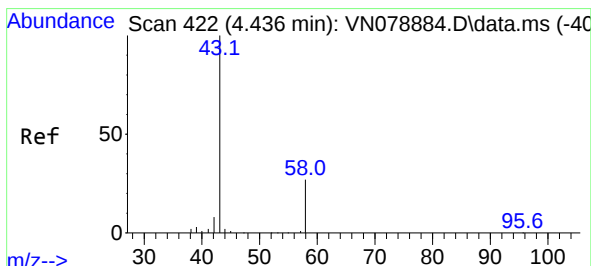
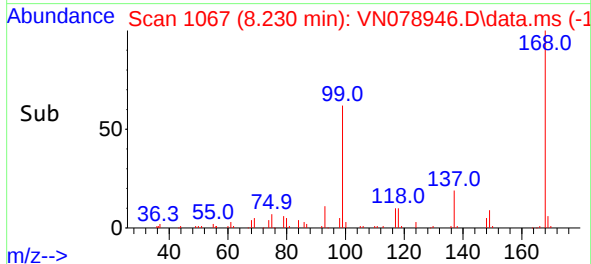
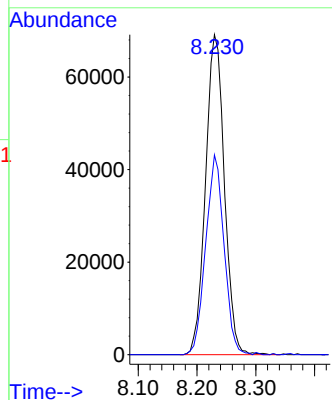


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#03

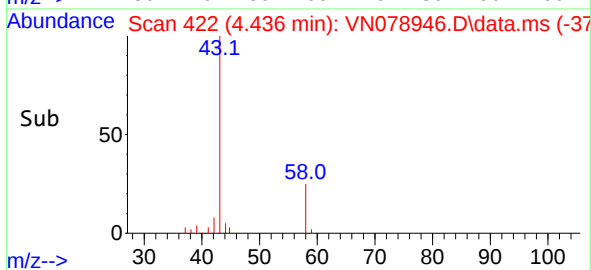
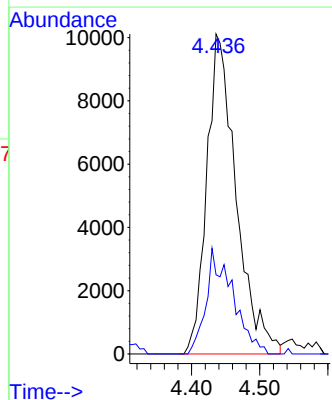
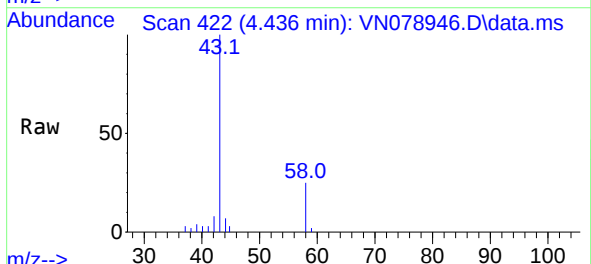


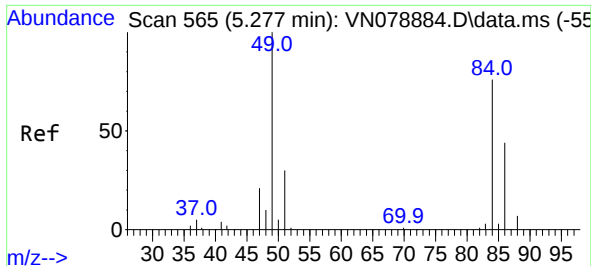
Tgt Ion:168 Resp: 154149
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6



#16
Acetone
Concen: 30.639 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

Tgt Ion: 43 Resp: 30325
Ion Ratio Lower Upper
43 100
58 24.7 28.0 42.0#



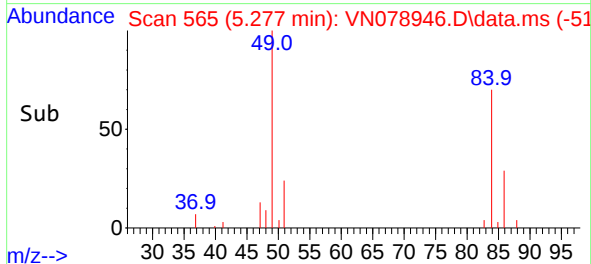
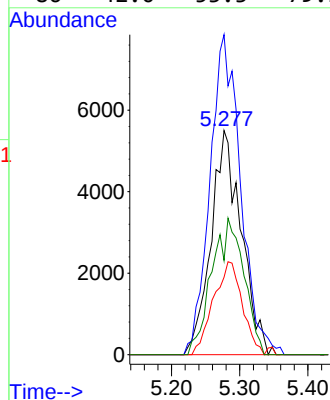
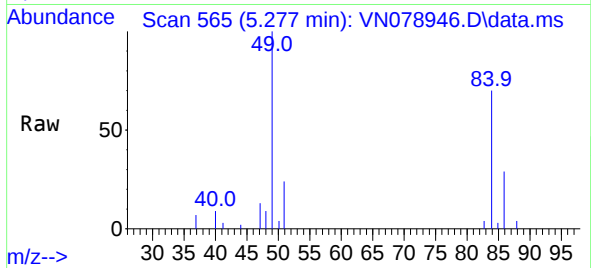


#20
Methylene Chloride
Concen: 8.062 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#03

Tgt Ion: 84 Resp: 17005

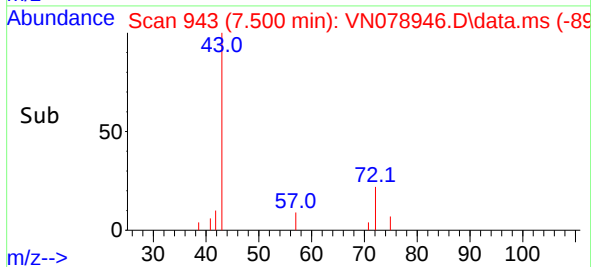
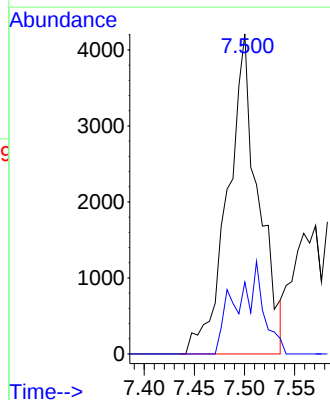
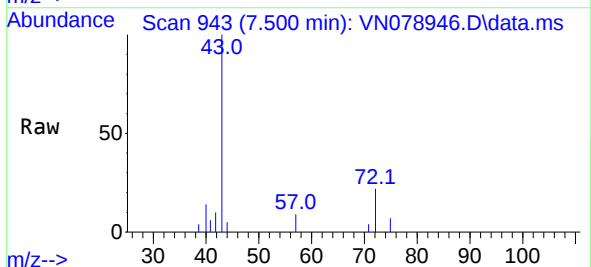
Ion	Ratio	Lower	Upper
84	100		
49	142.8	79.7	119.5#
51	34.5	25.2	37.8
86	42.0	53.3	79.9#

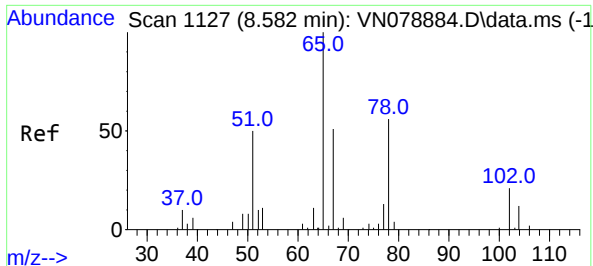


#25
2-Butanone
Concen: 5.620 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

Tgt Ion: 43 Resp: 8918

Ion	Ratio	Lower	Upper
43	100		
72	22.5	30.2	45.2#

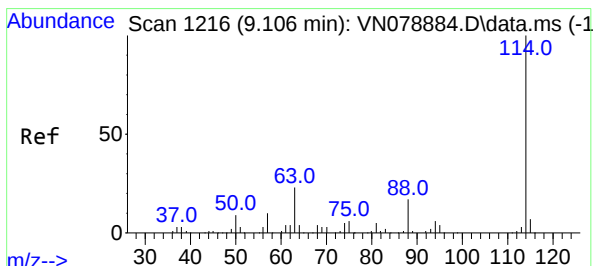
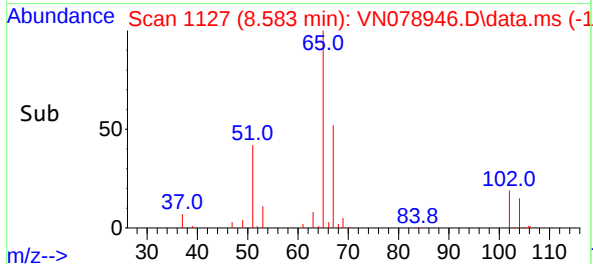
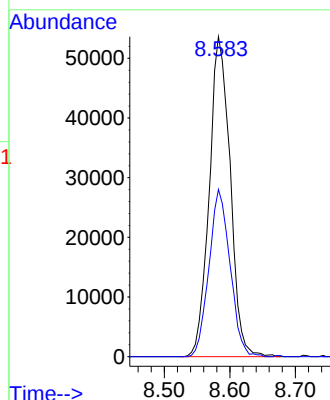
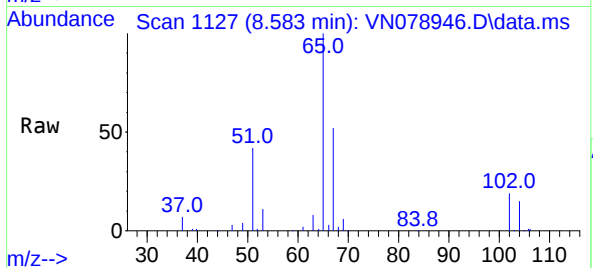




#33
1,2-Dichloroethane-d4
Concen: 49.525 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

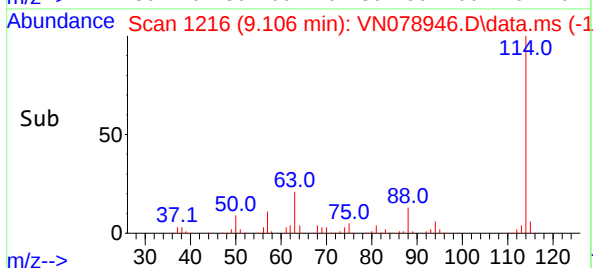
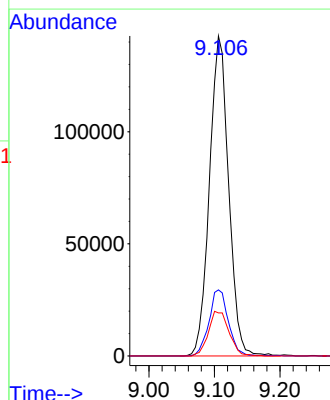
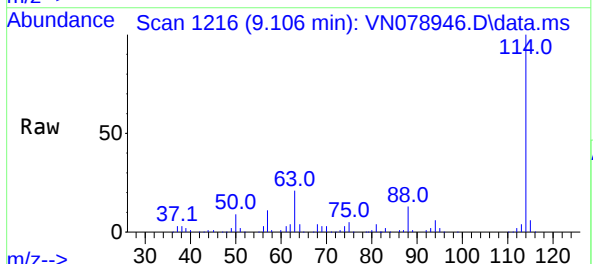
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#03

Tgt Ion: 65 Resp: 118796
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

Tgt Ion: 114 Resp: 289791
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.4
88 13.4 0.0 30.6

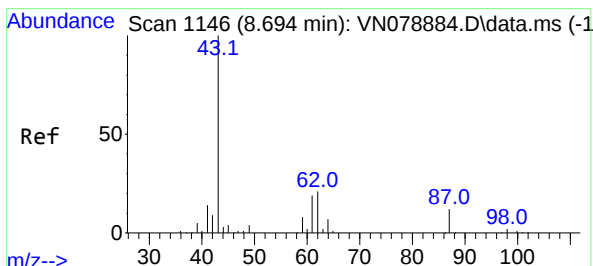
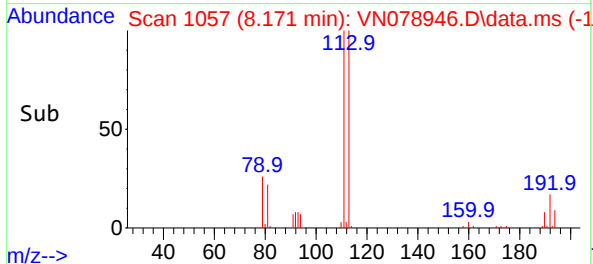
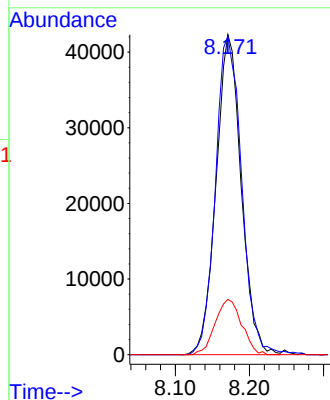
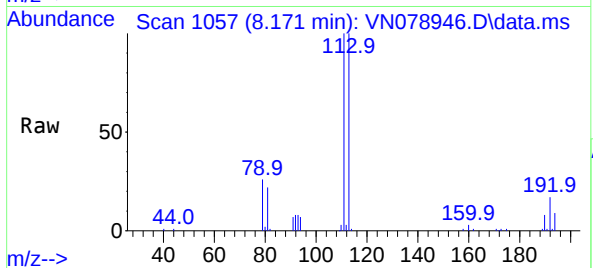




#35
Dibromofluoromethane
Concen: 51.017 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

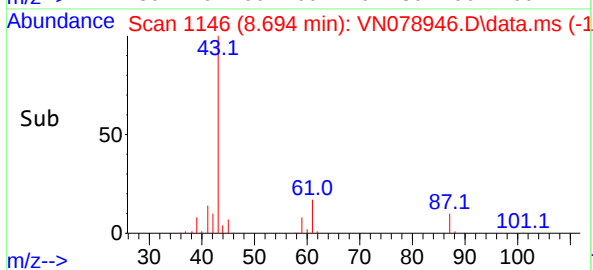
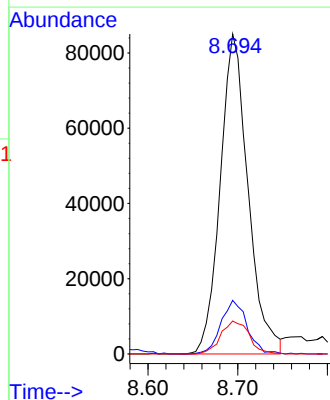
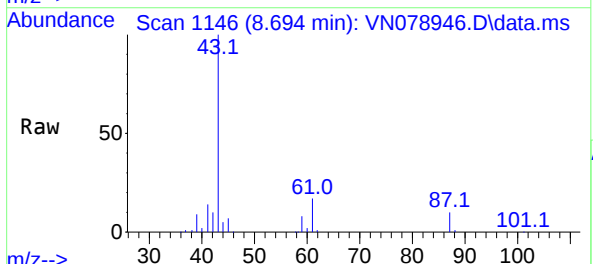
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#03

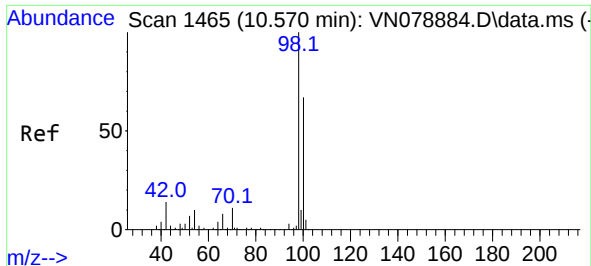
Tgt Ion:113 Resp: 99520
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 18.3 12.7 19.1



#43
Isopropyl Acetate
Concen: 31.542 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

Tgt Ion: 43 Resp: 183038
Ion Ratio Lower Upper
43 100
61 15.7 24.7 37.1#
87 10.4 14.6 21.8#

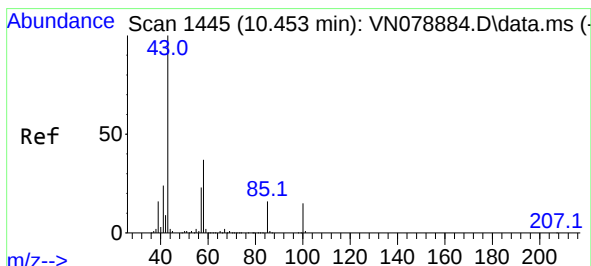
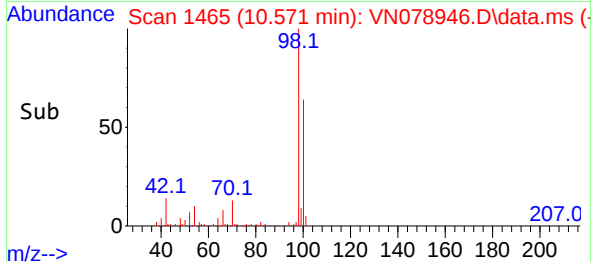
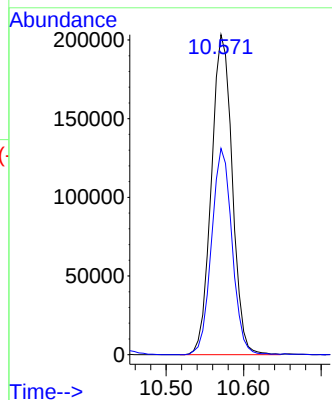
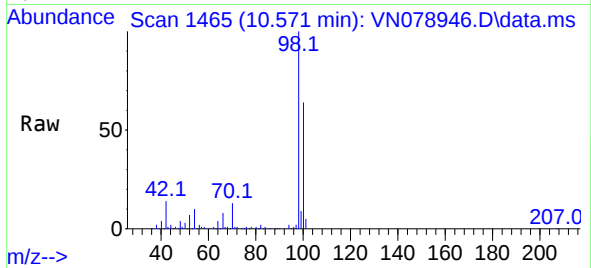




#50
Toluene-d8
Concen: 52.618 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

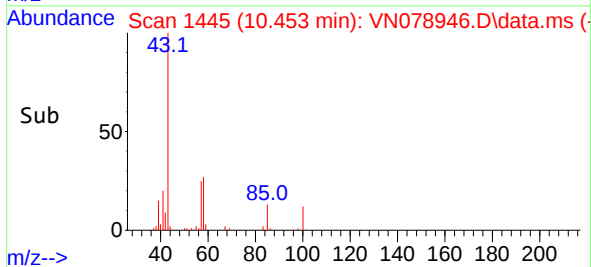
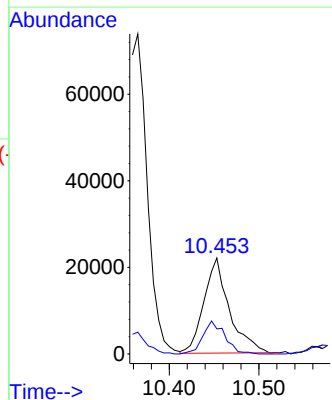
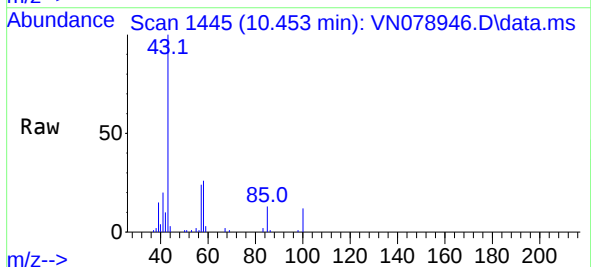
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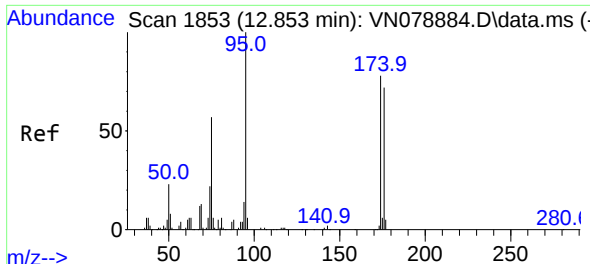
Tgt Ion: 98 Resp: 381123
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 12.576 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

Tgt Ion: 43 Resp: 43283
Ion Ratio Lower Upper
43 100
58 30.0 36.6 54.8#

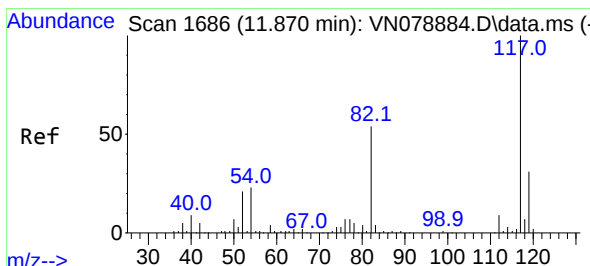
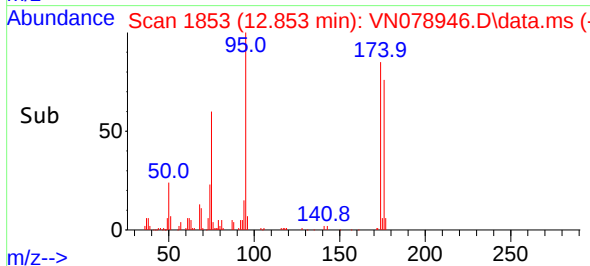
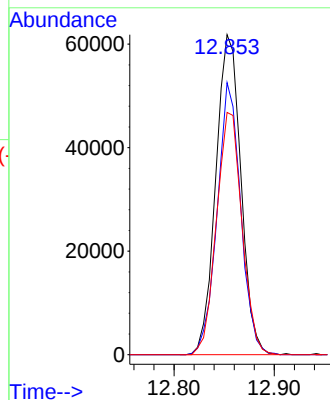
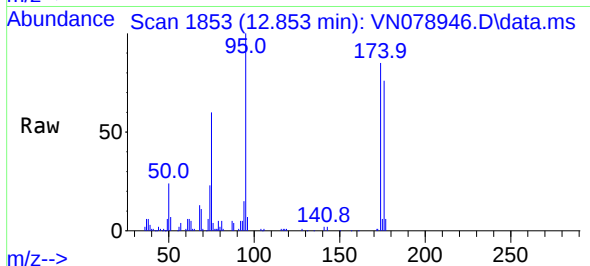




#62
4-Bromofluorobenzene
Concen: 45.261 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

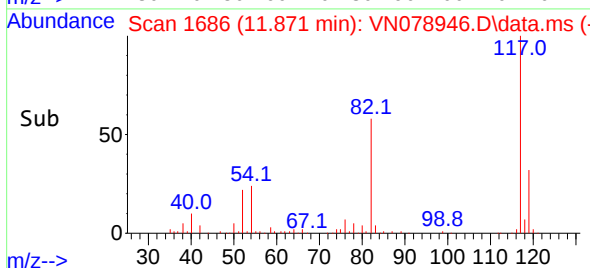
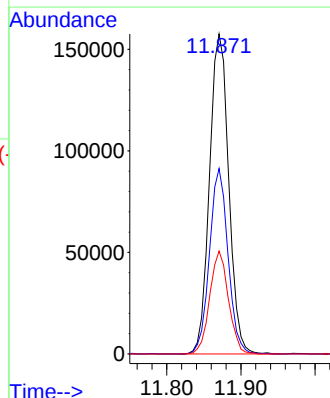
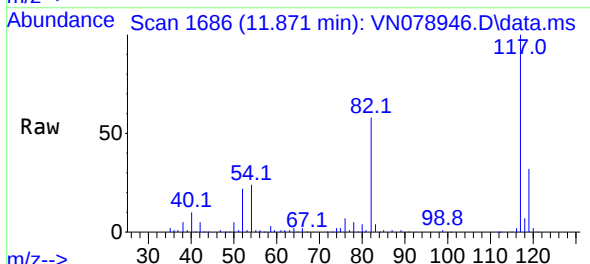
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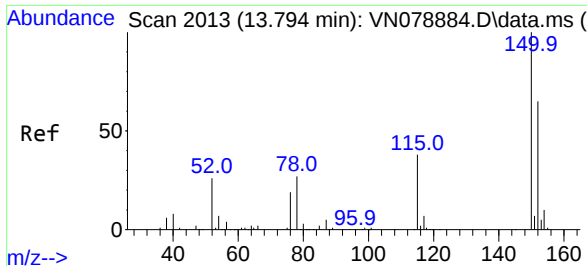
Tgt Ion: 95 Resp: 107157
Ion Ratio Lower Upper
95 100
174 79.7 0.0 143.8
176 76.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

Tgt Ion: 117 Resp: 283495
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 32.2 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078946.D
Acq: 18 Aug 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#03

Tgt Ion:152 Resp: 80677
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 159.9 0.0 355.8

