

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078997.D
 Acq On : 22 Aug 2023 16:24
 Operator : JC\MD
 Sample : 04090-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-I

Quant Time: Aug 23 03:04:49 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)

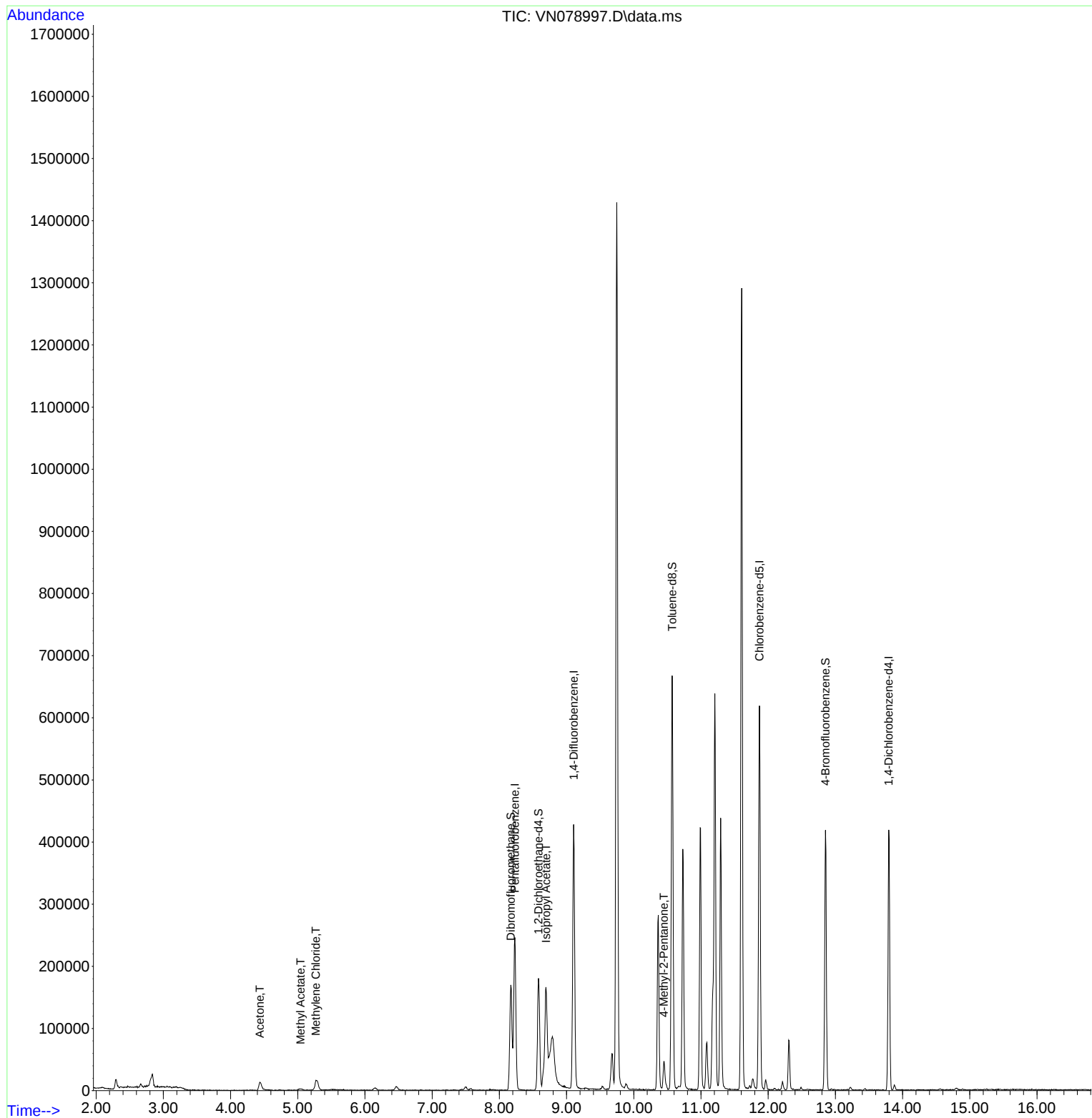
Internal Standards						
1) Pentafluorobenzene	8.229	168	171490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	342145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143158	53.647	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.300%
35) Dibromofluoromethane	8.171	113	116663	49.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.500%
50) Toluene-d8	10.570	98	439878	50.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.040%
62) 4-Bromofluorobenzene	12.853	95	135930	47.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.520%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	25759	23.394	ug/l #	86
18) Methyl Acetate	5.041	43	5486	1.179	ug/l #	63
20) Methylene Chloride	5.271	84	11970	5.101	ug/l #	83
43) Isopropyl Acetate	8.694	43	221752	31.789	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	38589	9.327	ug/l #	78

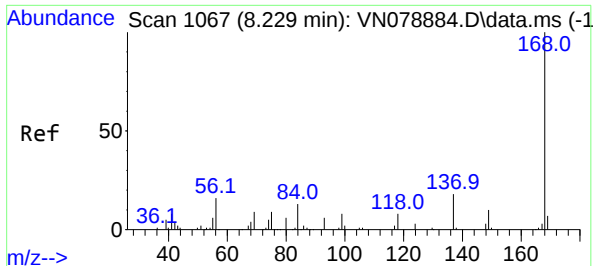
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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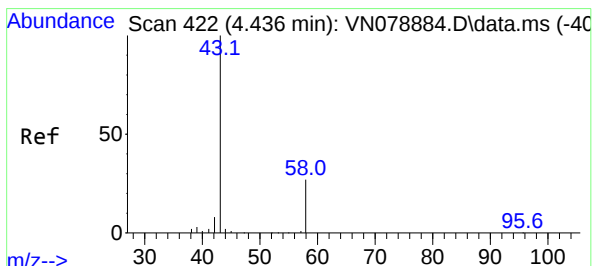
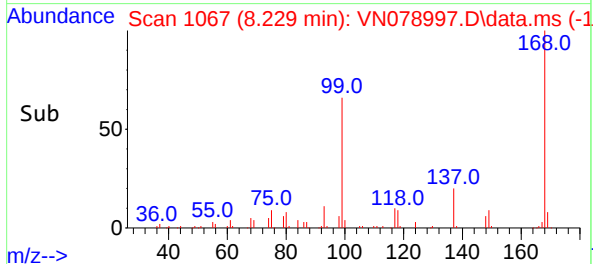
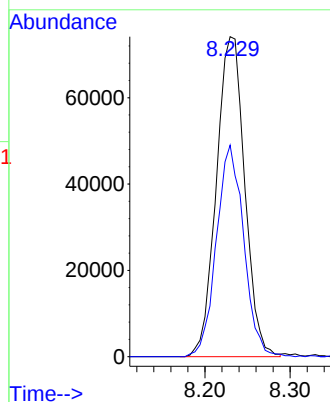
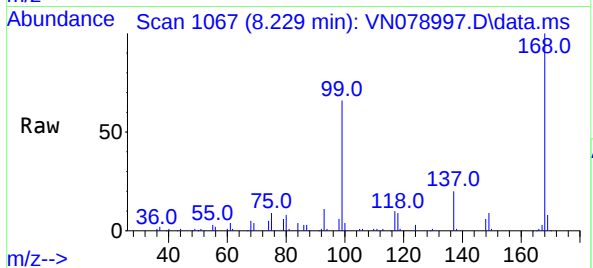




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078997.D
Acq: 22 Aug 2023 16:24

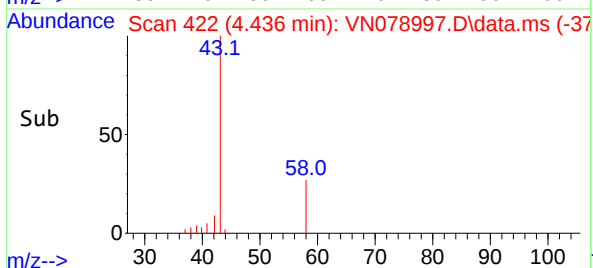
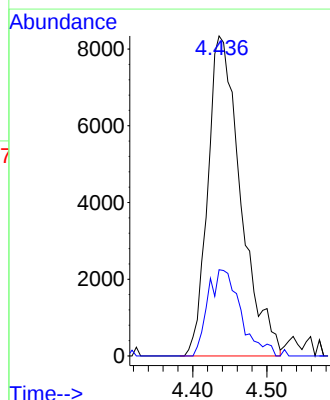
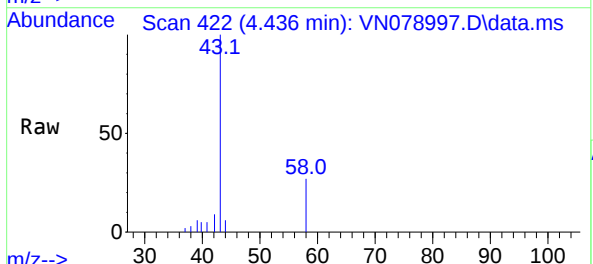
Instrument :
MSVOA_N
ClientSampleId :
TP-I

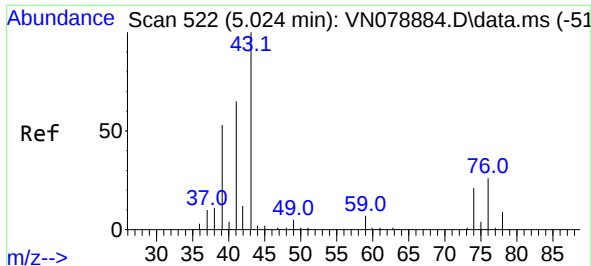
Tgt Ion:168 Resp: 171490
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6



#16
Acetone
Concen: 23.394 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078997.D
Acq: 22 Aug 2023 16:24

Tgt Ion: 43 Resp: 25759
Ion Ratio Lower Upper
43 100
58 26.9 28.0 42.0#

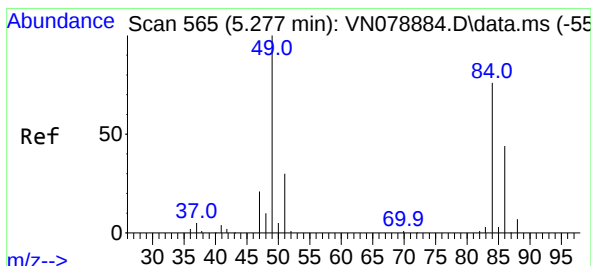
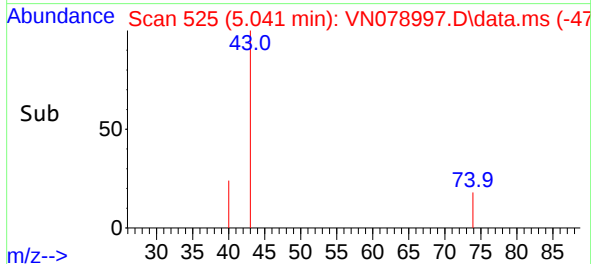
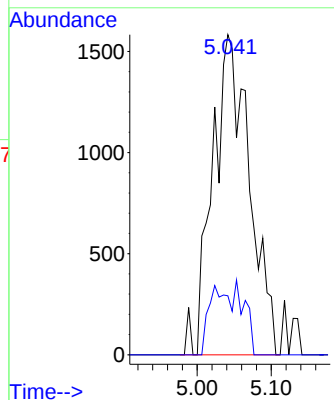
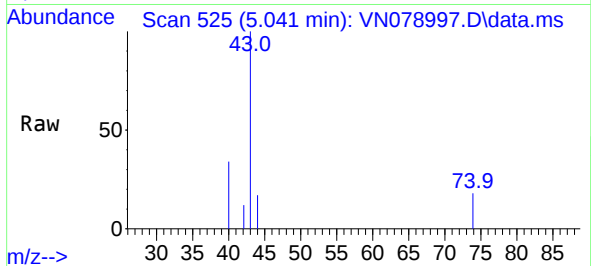




#18
Methyl Acetate
Concen: 1.179 ug/l
RT: 5.041 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN078997.D
Acq: 22 Aug 2023 16:24

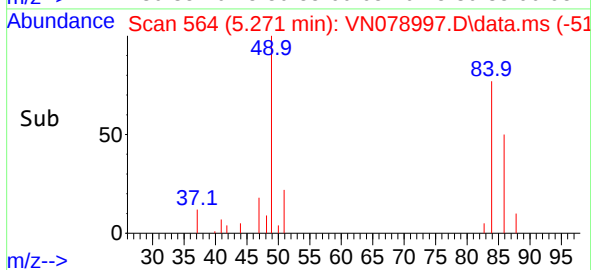
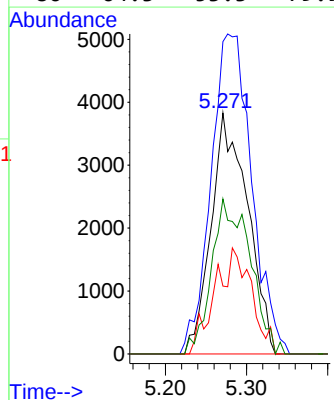
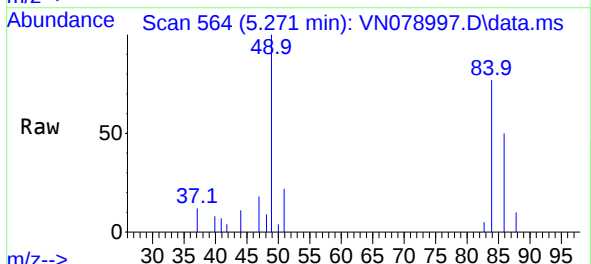
Instrument :
MSVOA_N
ClientSampleId :
TP-I

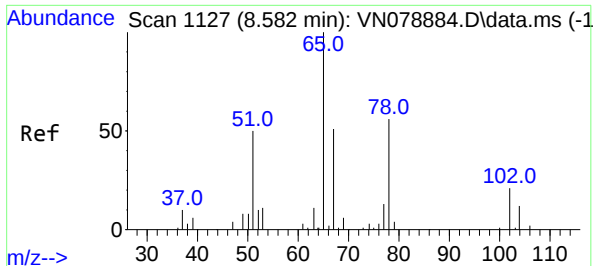
Tgt Ion: 43 Resp: 5486
Ion Ratio Lower Upper
43 100
74 12.1 26.2 39.4#



#20
Methylene Chloride
Concen: 5.101 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN078997.D
Acq: 22 Aug 2023 16:24

Tgt Ion: 84 Resp: 11970
Ion Ratio Lower Upper
84 100
49 129.6 79.7 119.5#
51 28.2 25.2 37.8
86 64.3 53.3 79.9

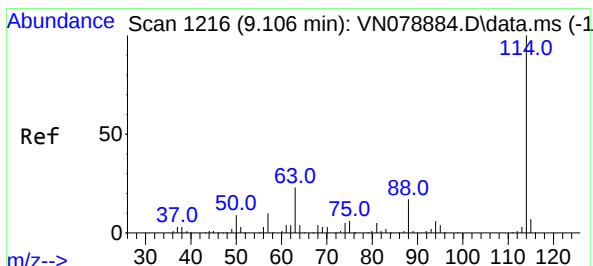
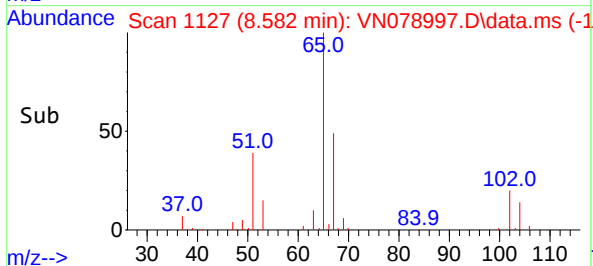
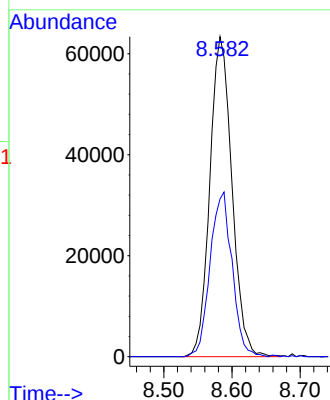
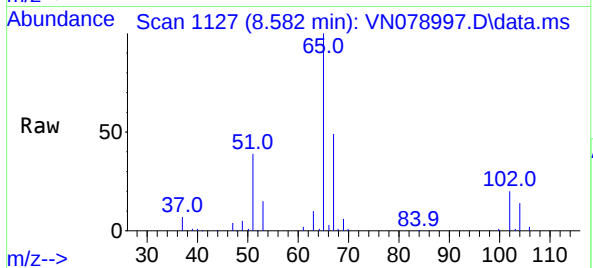




#33
1,2-Dichloroethane-d4
Concen: 53.647 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078997.D
Acq: 22 Aug 2023 16:24

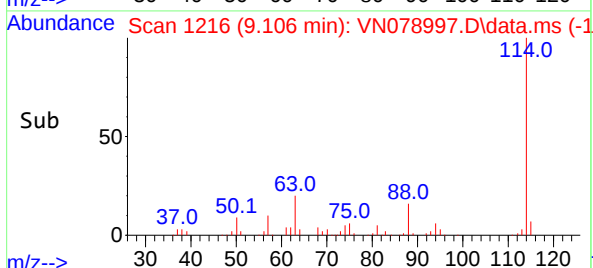
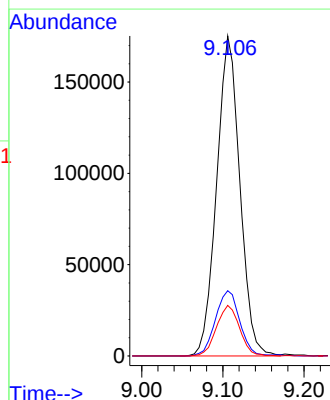
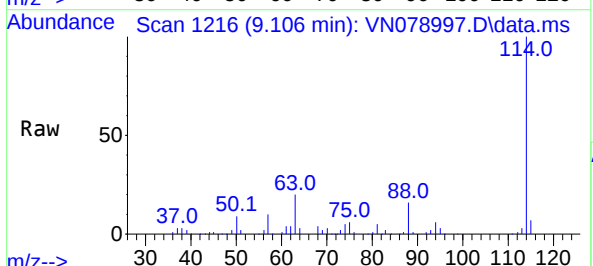
Instrument :
MSVOA_N
ClientSampleId :
TP-I

Tgt Ion: 65 Resp: 143158
Ion Ratio Lower Upper
65 100
67 51.1 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: VN078997.D
Acq: 22 Aug 2023 16:24

Tgt Ion: 114 Resp: 348354
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 15.8 0.0 30.6

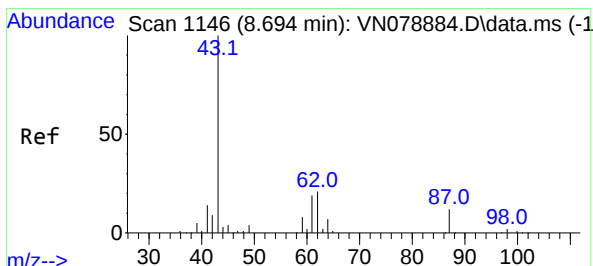
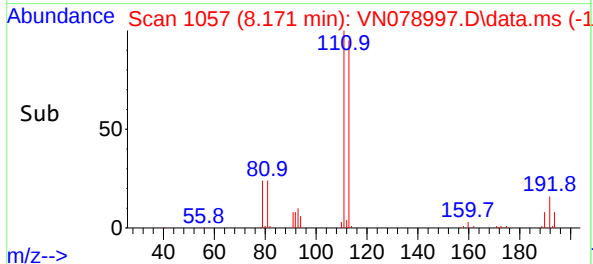
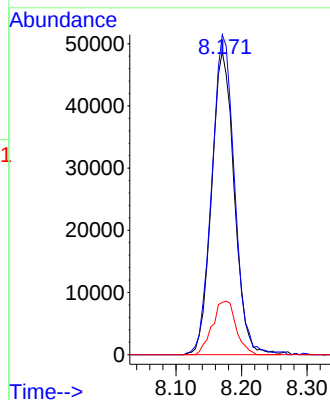
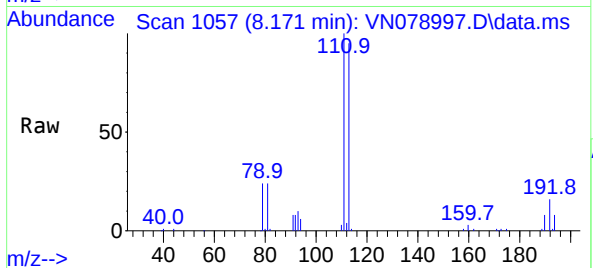




#35
Dibromofluoromethane
Concen: 49.751 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN078997.D
Acq: 22 Aug 2023 16:24

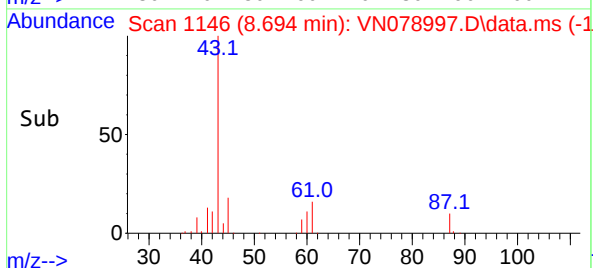
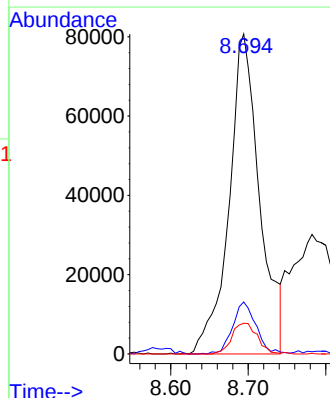
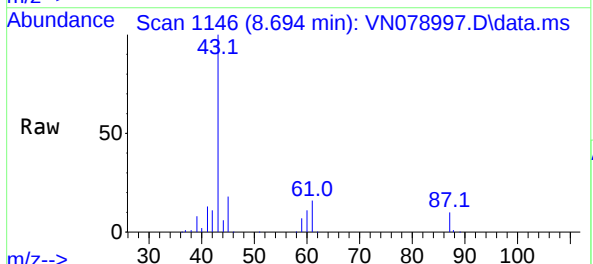
Instrument :
MSVOA_N
ClientSampleId :
TP-I

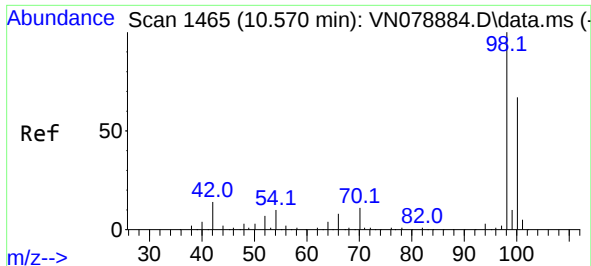
Tgt Ion:113 Resp: 116663
Ion Ratio Lower Upper
113 100
111 105.5 82.6 123.8
192 18.4 12.7 19.1



#43
Isopropyl Acetate
Concen: 31.789 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078997.D
Acq: 22 Aug 2023 16:24

Tgt Ion: 43 Resp: 221752
Ion Ratio Lower Upper
43 100
61 12.5 24.7 37.1#
87 8.1 14.6 21.8#

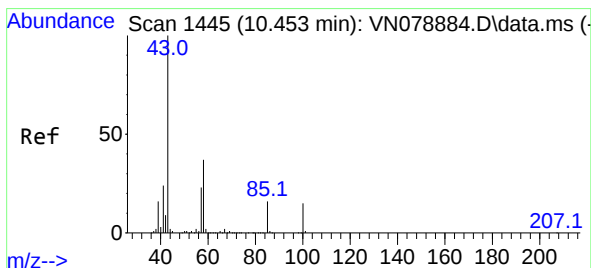
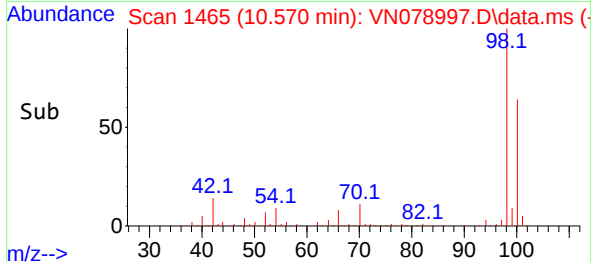
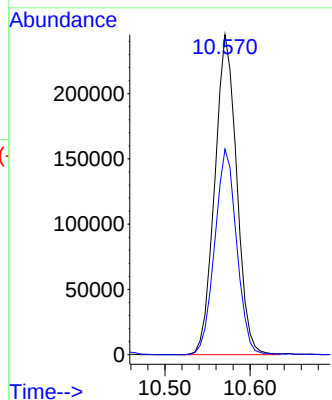
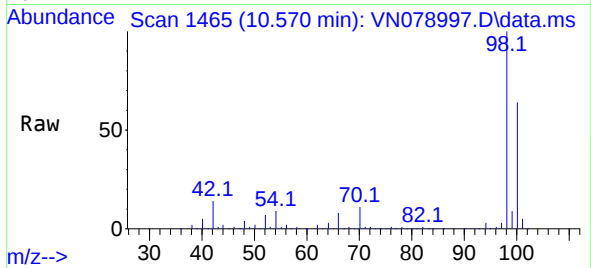




#50
Toluene-d8
Concen: 50.520 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078997.D
Acq: 22 Aug 2023 16:24

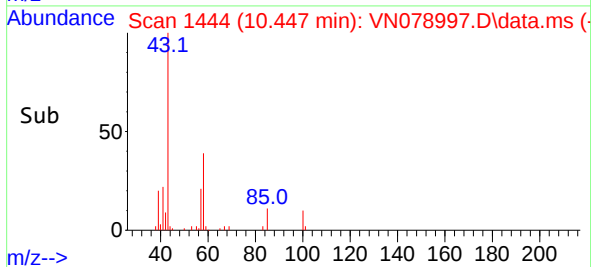
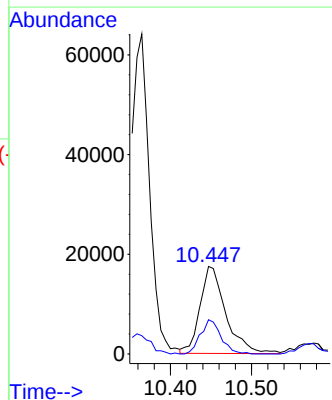
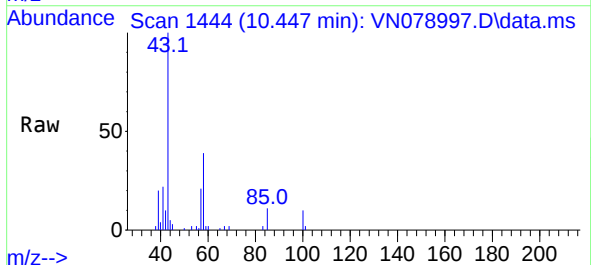
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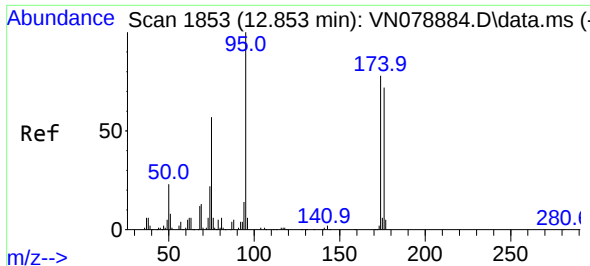
Tgt Ion: 98 Resp: 439878
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.327 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078997.D
Acq: 22 Aug 2023 16:24

Tgt Ion: 43 Resp: 38589
Ion Ratio Lower Upper
43 100
58 31.2 36.6 54.8#

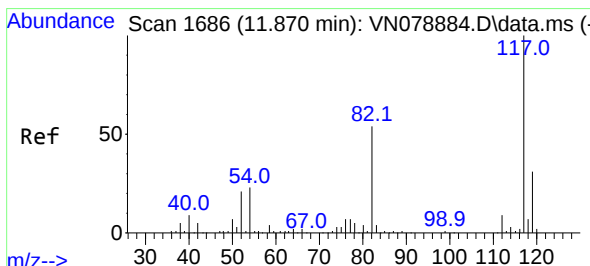
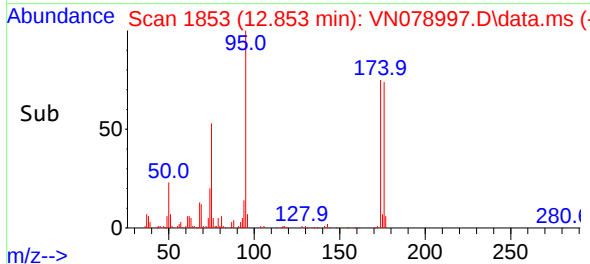
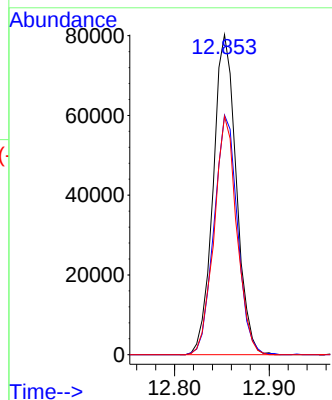
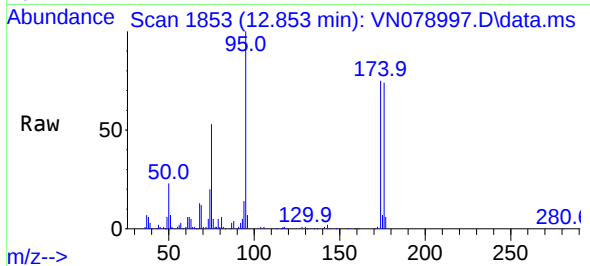




#62
4-Bromofluorobenzene
Concen: 47.763 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078997.D
Acq: 22 Aug 2023 16:24

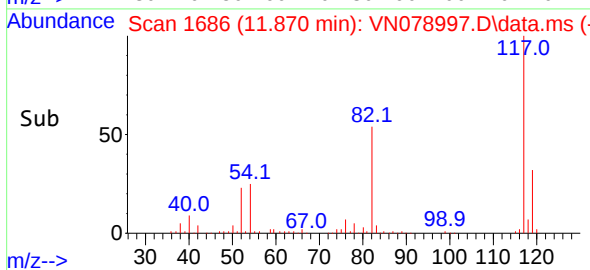
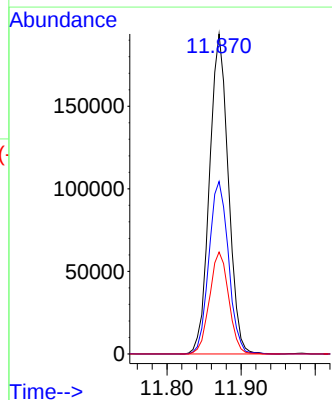
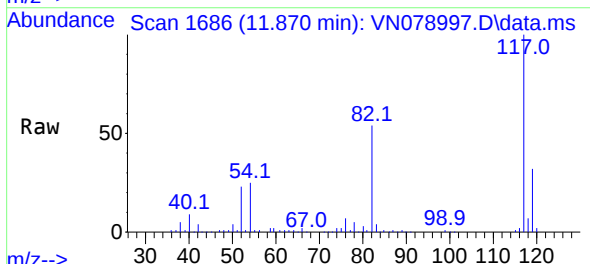
Instrument :
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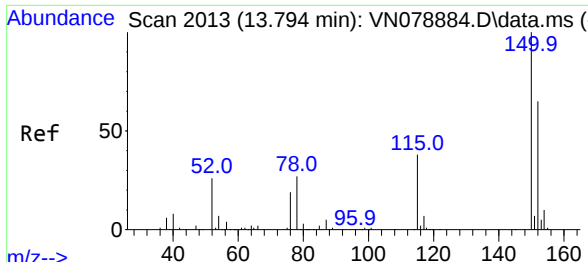
Tgt Ion: 95 Resp: 135930
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 73.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078997.D
Acq: 22 Aug 2023 16:24

Tgt Ion: 117 Resp: 342145
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 31.8 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN078997.D
Acq: 22 Aug 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
TP-I

Tgt Ion:152 Resp: 107045

Ion	Ratio	Lower	Upper
152	100		
115	59.2	32.3	96.8
150	155.4	0.0	355.8

