

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078957.D
 Acq On : 18 Aug 2023 21:13
 Operator : JC\MD
 Sample : 04043-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 E-4

Quant Time: Aug 18 23:50:17 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)

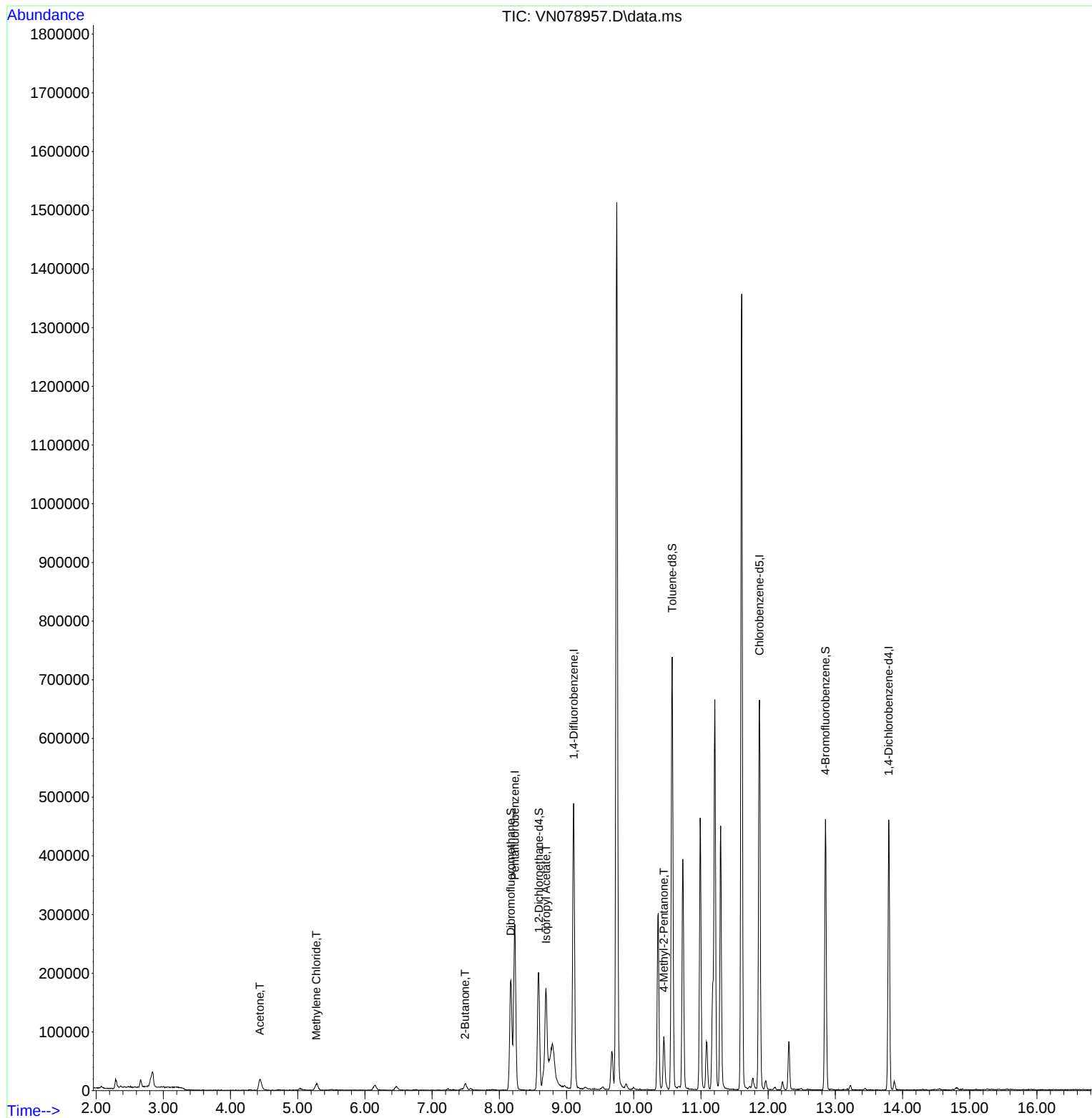
Internal Standards						
1) Pentafluorobenzene	8.230	168	202640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	398097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	377236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	162394	51.501	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.000%
35) Dibromofluoromethane	8.171	113	132258	49.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	10.571	98	488294	49.074	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.853	95	145882	44.854	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.700%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	37608	28.905	ug/l	88
20) Methylene Chloride	5.277	84	8354	3.013	ug/l #	78
25) 2-Butanone	7.489	43	19434	9.316	ug/l #	69
43) Isopropyl Acetate	8.694	43	224634	28.179	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	66555	14.077	ug/l #	81

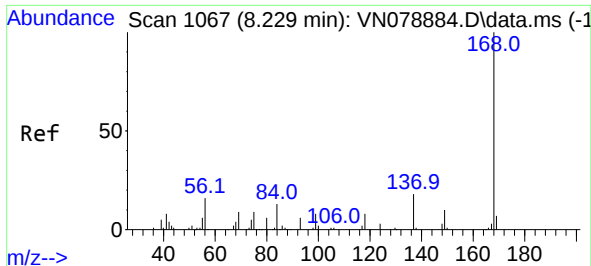
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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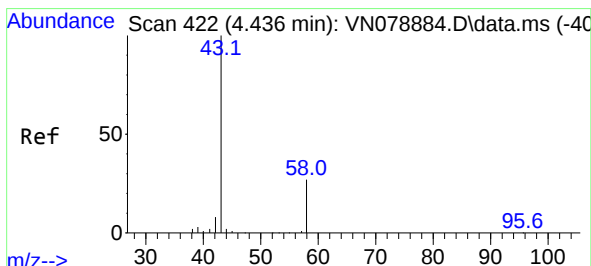
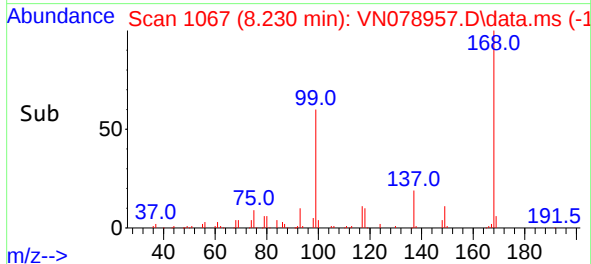
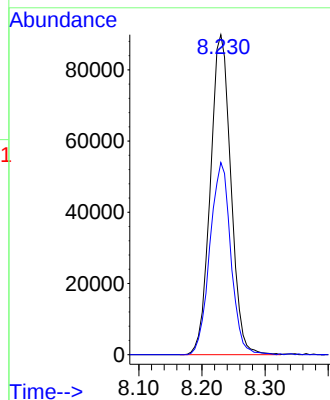
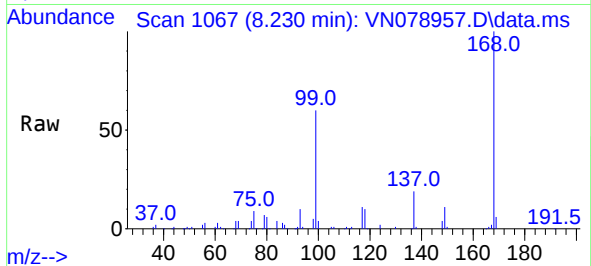




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078957.D
Acq: 18 Aug 2023 21:13

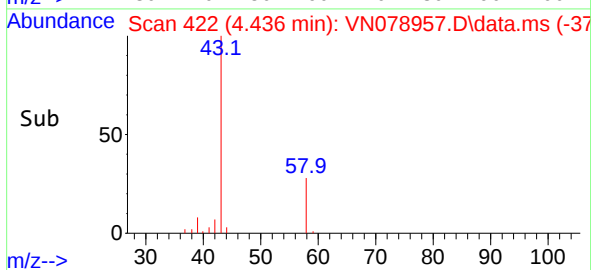
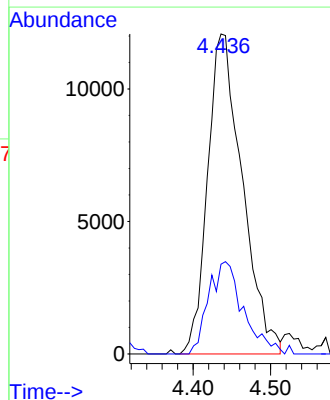
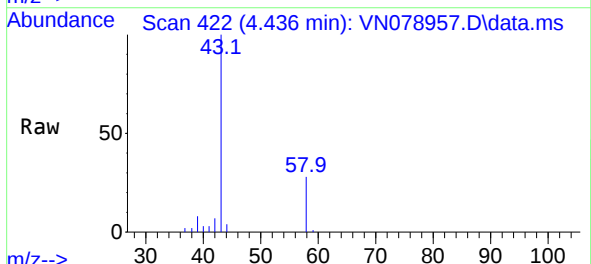
Instrument :
MSVOA_N
ClientSampleId :
E-4

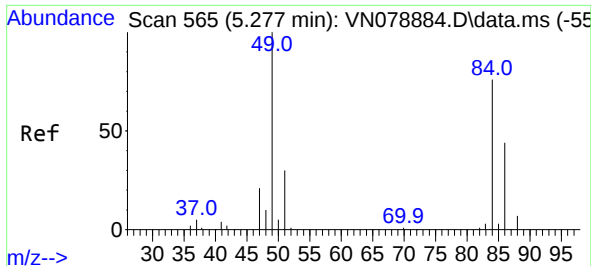
Tgt Ion:168 Resp: 202640
Ion Ratio Lower Upper
168 100
99 60.1 53.0 79.6



#16
Acetone
Concen: 28.905 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078957.D
Acq: 18 Aug 2023 21:13

Tgt Ion: 43 Resp: 37608
Ion Ratio Lower Upper
43 100
58 28.0 28.0 42.0

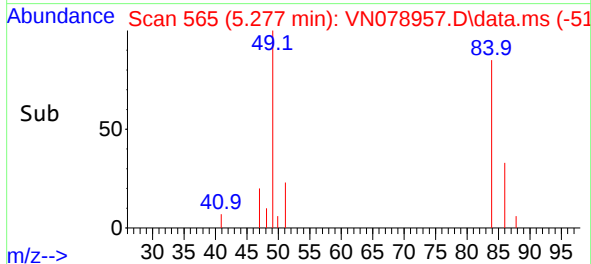
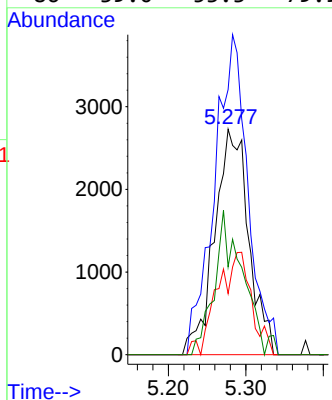
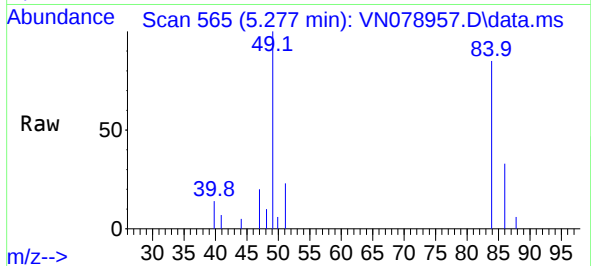




#20
Methylene Chloride
Concen: 3.013 ug/l
RT: 5.277 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN078957.D
Acq: 18 Aug 2023 21:13

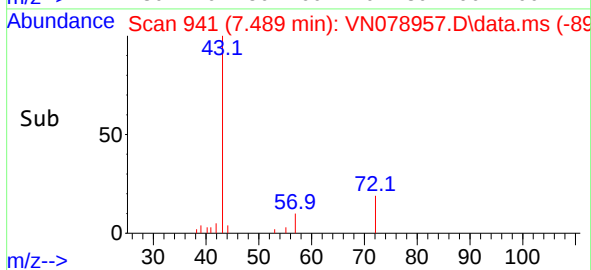
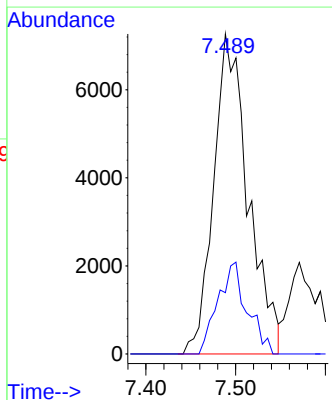
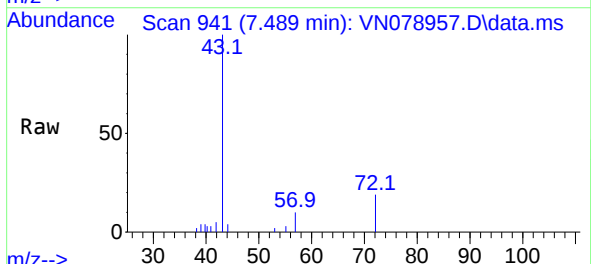
Instrument :
MSVOA_N
ClientSampleId :
E-4

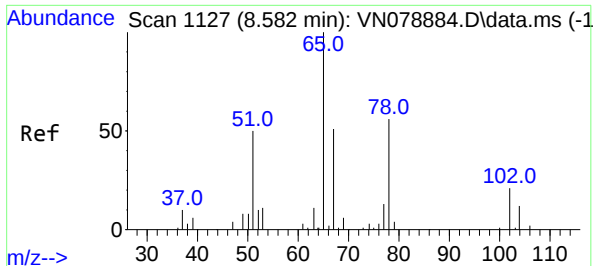
Tgt Ion:	84	Resp:	8354
Ion	Ratio	Lower	Upper
84	100		
49	117.6	79.7	119.5
51	27.1	25.2	37.8
86	39.0	53.3	79.9#



#25
2-Butanone
Concen: 9.316 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN078957.D
Acq: 18 Aug 2023 21:13

Tgt Ion:	43	Resp:	19434
Ion	Ratio	Lower	Upper
43	100		
72	19.1	30.2	45.2#

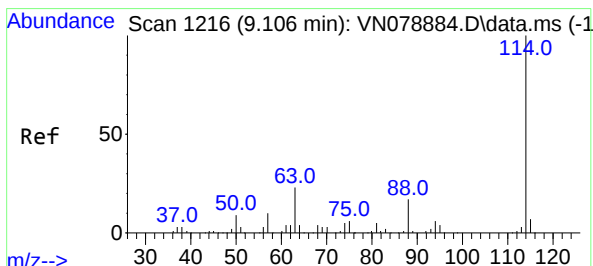
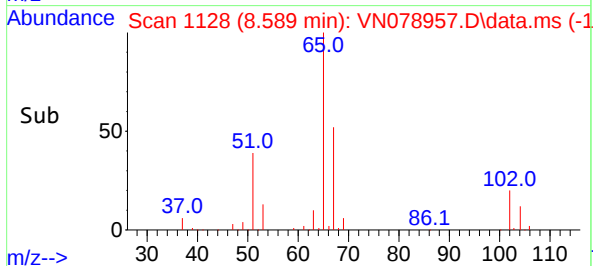
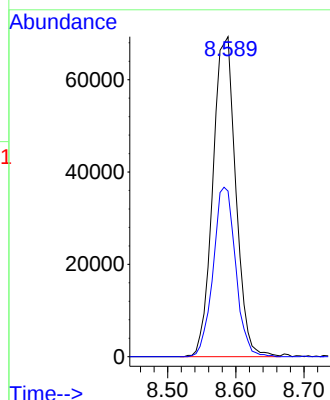
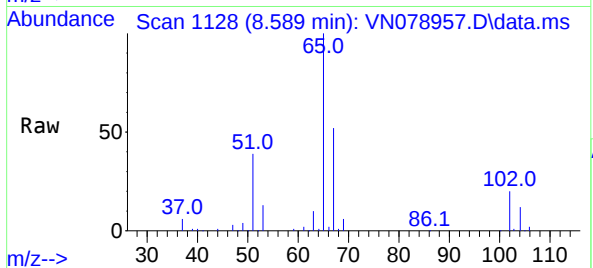




#33
1,2-Dichloroethane-d4
Concen: 51.501 ug/l
RT: 8.589 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078957.D
Acq: 18 Aug 2023 21:13

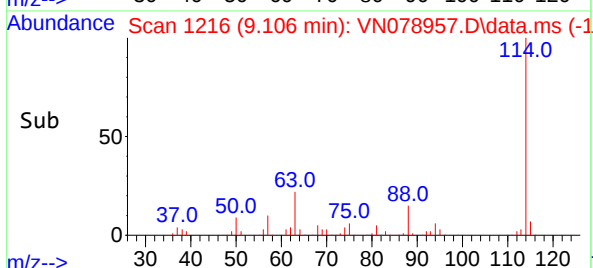
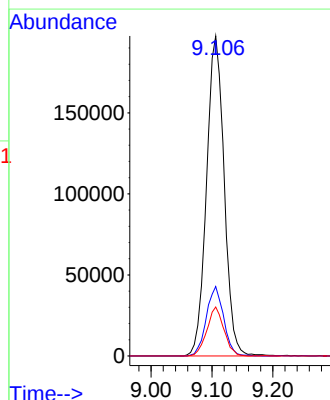
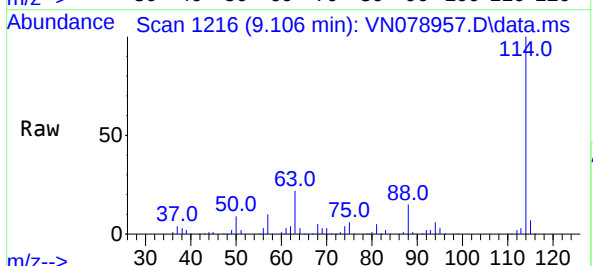
Instrument :
MSVOA_N
ClientSampleId :
E-4

Tgt Ion: 65 Resp: 162394
Ion Ratio Lower Upper
65 100
67 51.8 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: VN078957.D
Acq: 18 Aug 2023 21:13

Tgt Ion: 114 Resp: 398097
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.4
88 15.3 0.0 30.6

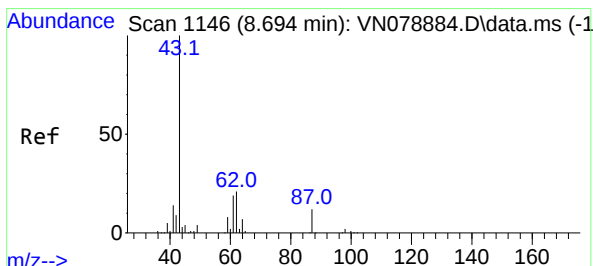
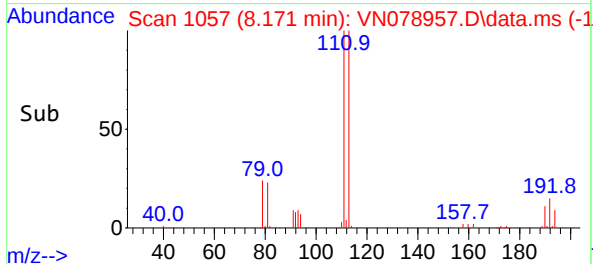
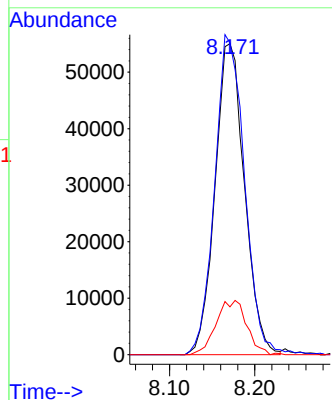
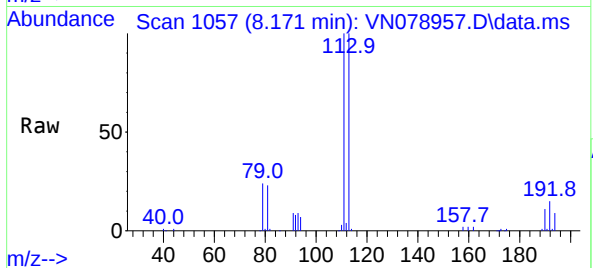




#35
Dibromofluoromethane
Concen: 49.354 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078957.D
Acq: 18 Aug 2023 21:13

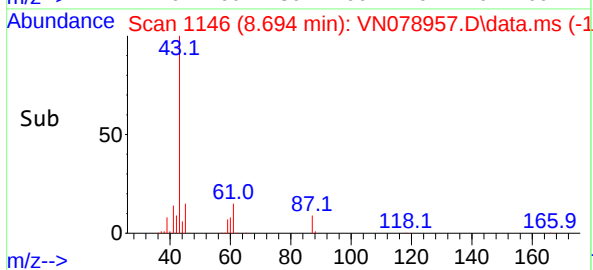
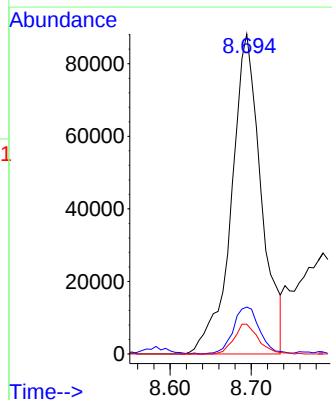
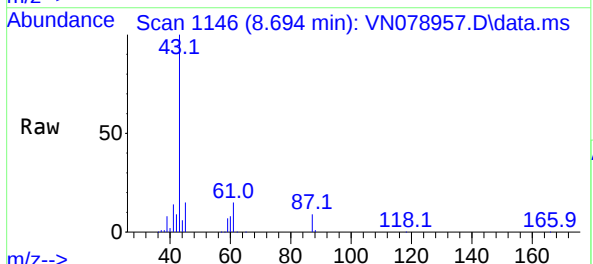
Instrument :
MSVOA_N
ClientSampleId :
E-4

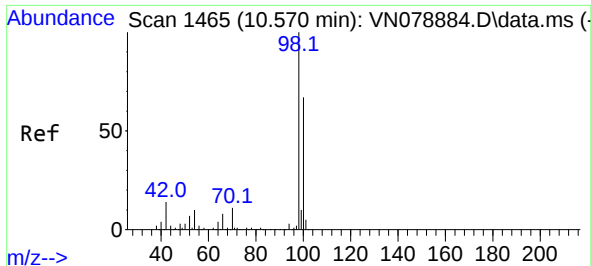
Tgt Ion:113 Resp: 132258
Ion Ratio Lower Upper
113 100
111 104.4 82.6 123.8
192 18.3 12.7 19.1



#43
Isopropyl Acetate
Concen: 28.179 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078957.D
Acq: 18 Aug 2023 21:13

Tgt Ion: 43 Resp: 224634
Ion Ratio Lower Upper
43 100
61 12.9 24.7 37.1#
87 7.6 14.6 21.8#

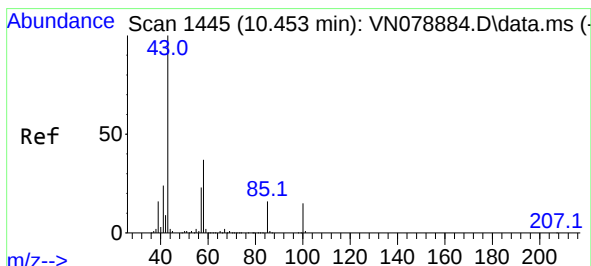
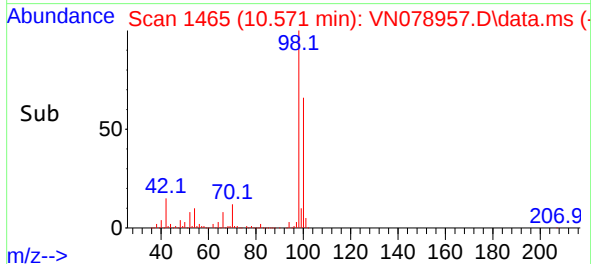
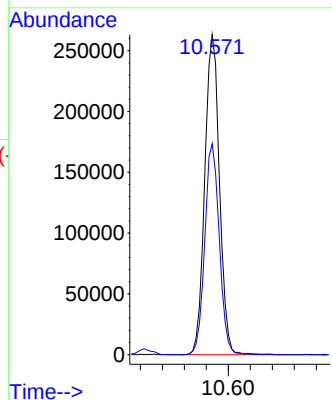
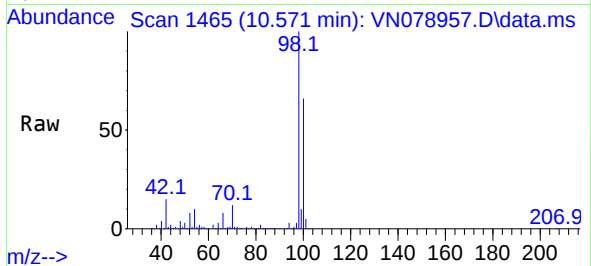




#50
Toluene-d8
Concen: 49.074 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078957.D
Acq: 18 Aug 2023 21:13

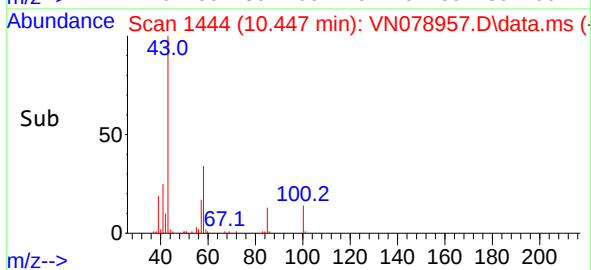
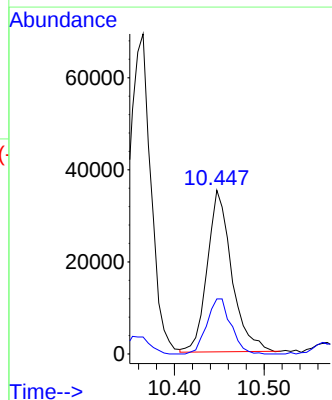
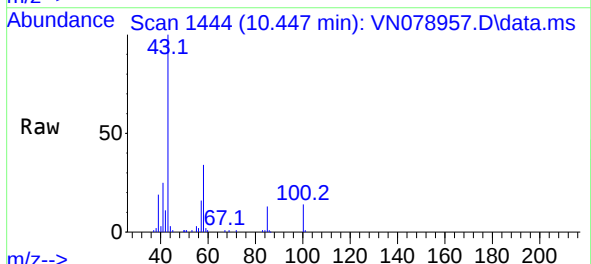
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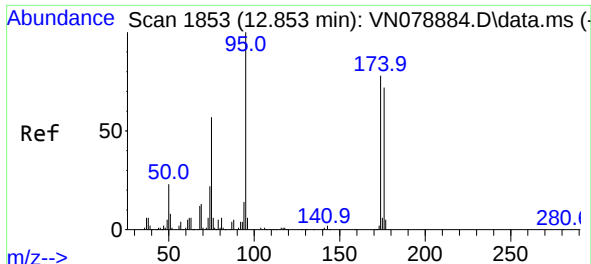
Tgt Ion: 98 Resp: 488294
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 14.077 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078957.D
Acq: 18 Aug 2023 21:13

Tgt Ion: 43 Resp: 66555
Ion Ratio Lower Upper
43 100
58 33.5 36.6 54.8#

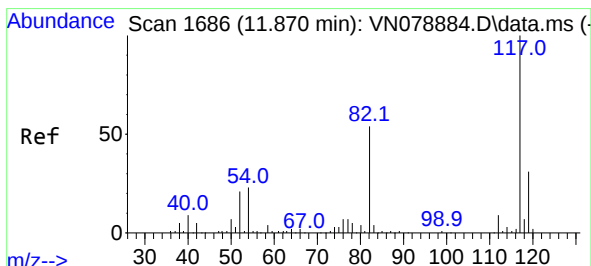
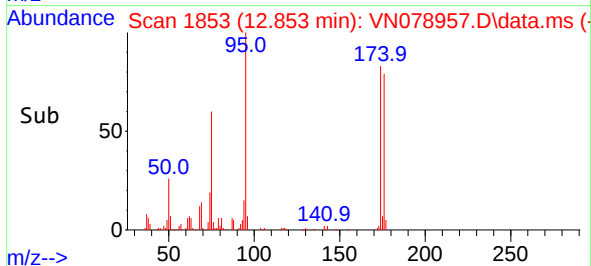
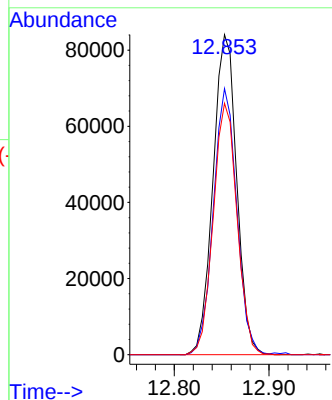
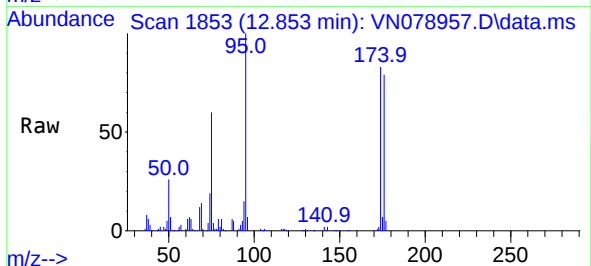




#62
4-Bromofluorobenzene
Concen: 44.854 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078957.D
Acq: 18 Aug 2023 21:13

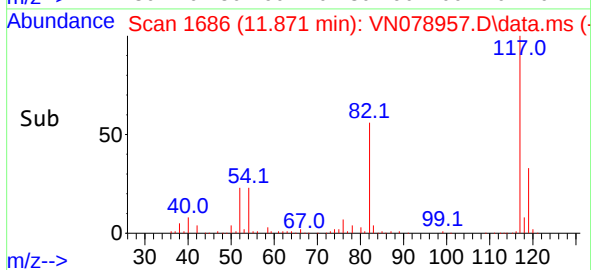
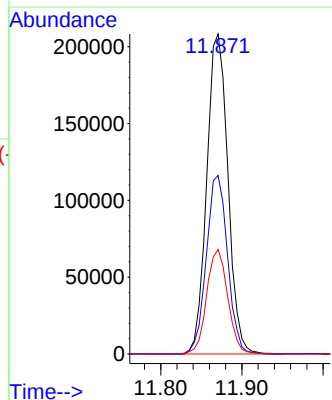
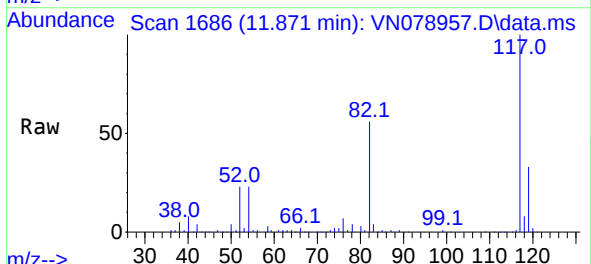
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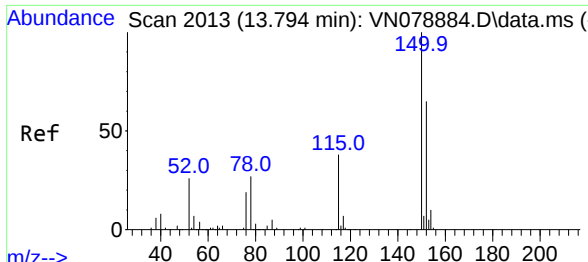
Tgt Ion: 95 Resp: 145882
Ion Ratio Lower Upper
95 100
174 82.3 0.0 143.8
176 78.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078957.D
Acq: 18 Aug 2023 21:13

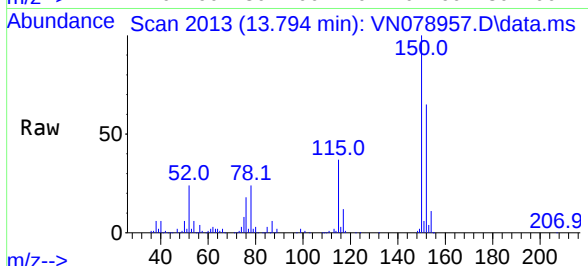
Tgt Ion: 117 Resp: 377236
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 32.6 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN078957.D
Acq: 18 Aug 2023 21:13

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:	152	Resp:	120436
Ion	Ratio	Lower	Upper
152	100		
115	58.8	32.3	96.8
150	153.3	0.0	355.8

