

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078992.D
 Acq On : 22 Aug 2023 14:23
 Operator : JC\MD
 Sample : PB154968ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154968ZHE#07

Quant Time: Aug 23 03:02:36 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)

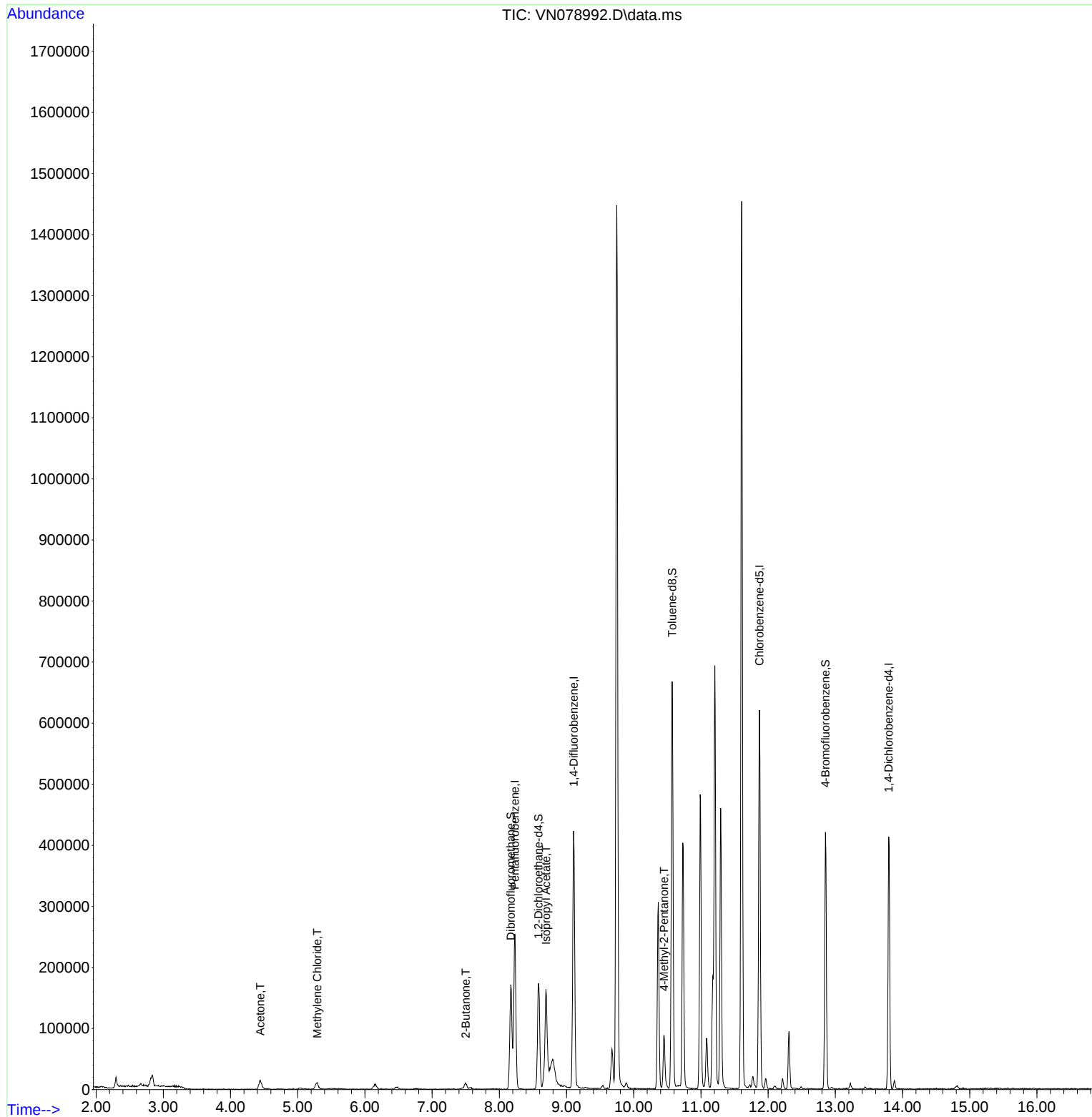
Internal Standards						
1) Pentafluorobenzene	8.230	168	174989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	353997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	342312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	143400	52.663	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.320%
35) Dibromofluoromethane	8.171	113	118911	49.901	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.800%
50) Toluene-d8	10.571	98	444445	50.231	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.853	95	137479	47.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.080%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	28726	25.567	ug/l	98
20) Methylene Chloride	5.289	84	7913	3.305	ug/l	91
25) 2-Butanone	7.500	43	17333	9.622	ug/l #	67
43) Isopropyl Acetate	8.694	43	200106	28.229	ug/l #	72
51) 4-Methyl-2-Pentanone	10.453	43	64915	15.440	ug/l #	85

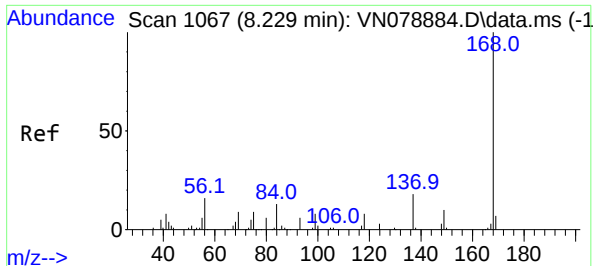
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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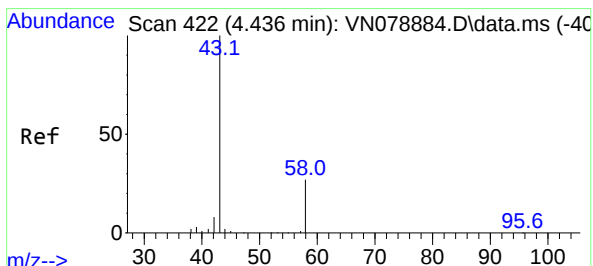
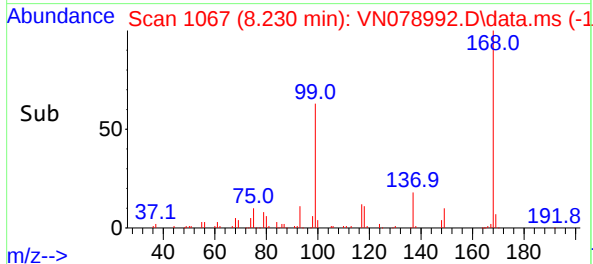
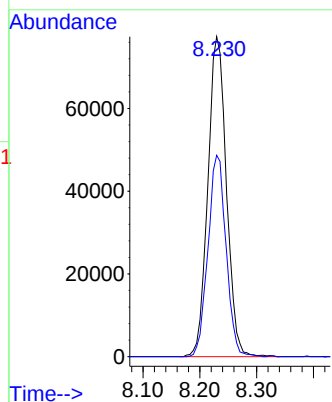
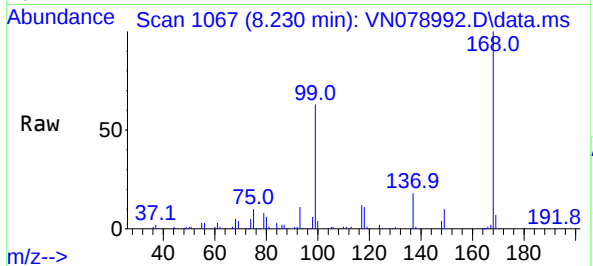




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078992.D
Acq: 22 Aug 2023 14:23

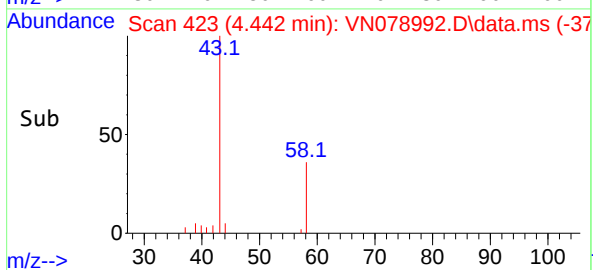
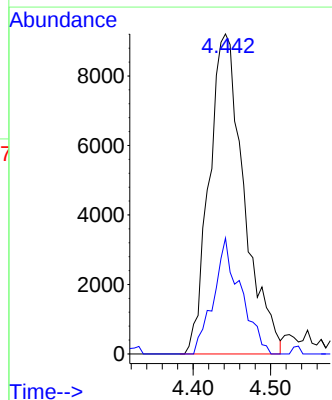
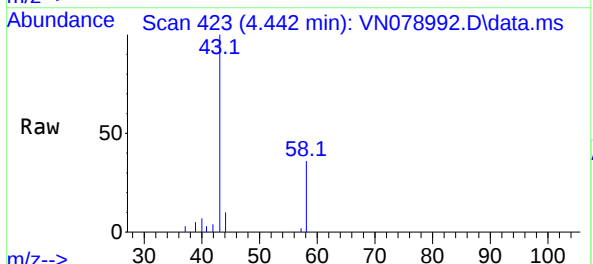
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#07

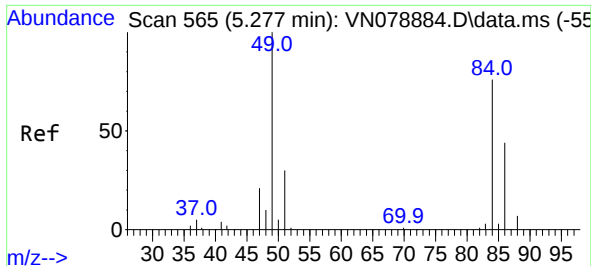
Tgt Ion:168 Resp: 174989
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#16
Acetone
Concen: 25.567 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078992.D
Acq: 22 Aug 2023 14:23

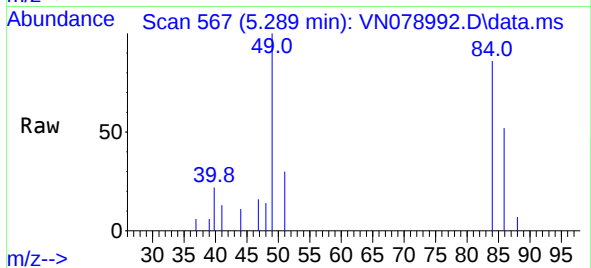
Tgt Ion: 43 Resp: 28726
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0



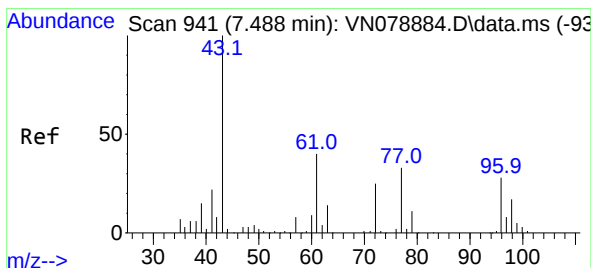
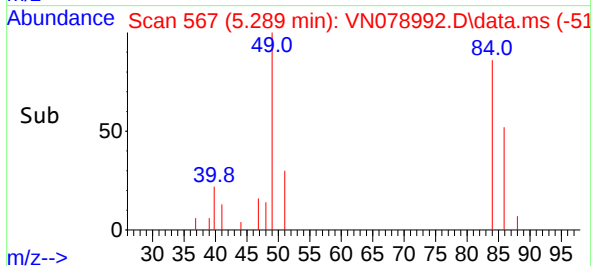
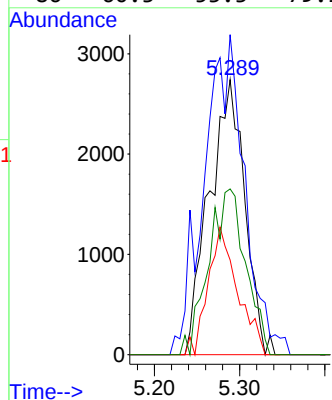


#20
Methylene Chloride
Concen: 3.305 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078992.D
Acq: 22 Aug 2023 14:23

Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#07

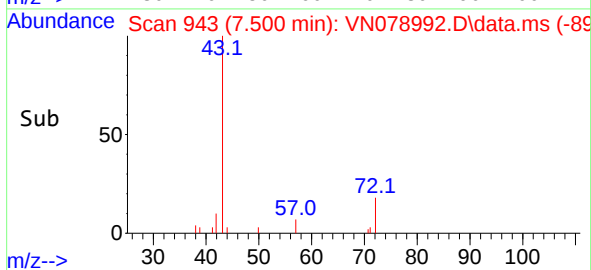
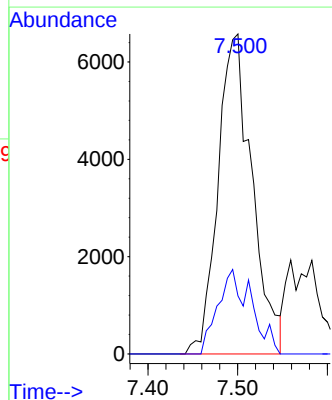
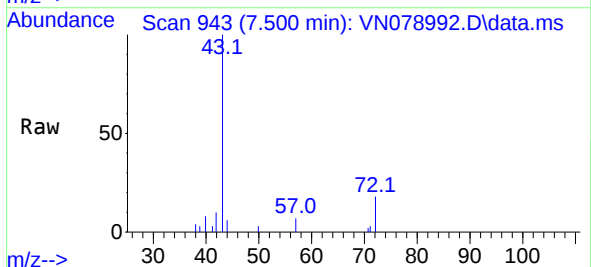


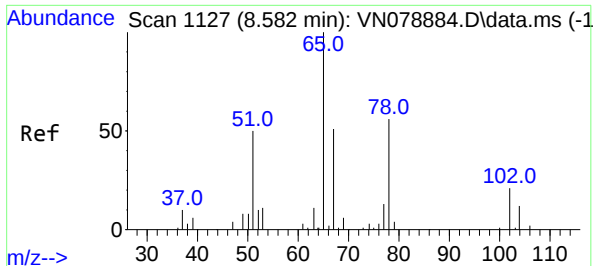
Tgt Ion:	84	Resp:	7913
Ion	Ratio	Lower	Upper
84	100		
49	110.6	79.7	119.5
51	34.4	25.2	37.8
86	60.3	53.3	79.9



#25
2-Butanone
Concen: 9.622 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078992.D
Acq: 22 Aug 2023 14:23

Tgt Ion:	43	Resp:	17333
Ion	Ratio	Lower	Upper
43	100		
72	18.2	30.2	45.2#

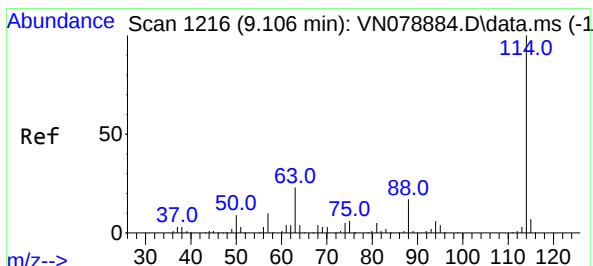
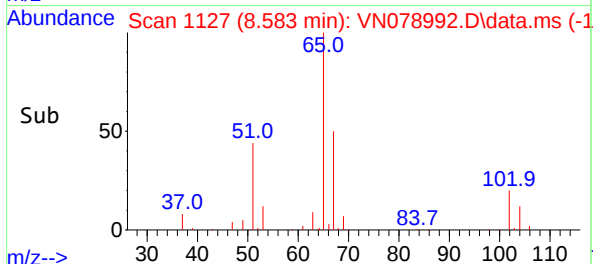
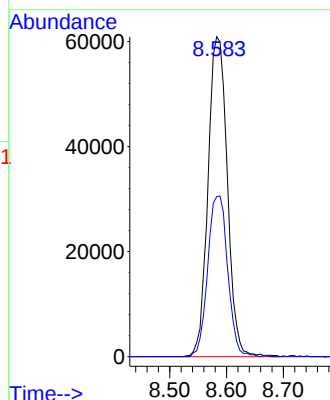
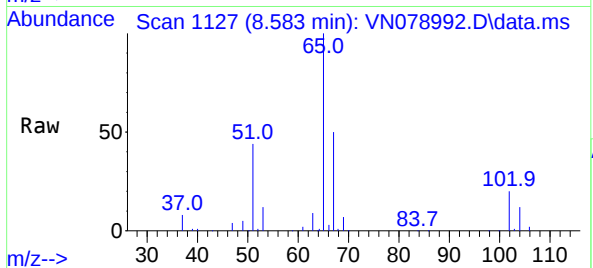




#33
1,2-Dichloroethane-d4
Concen: 52.663 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078992.D
Acq: 22 Aug 2023 14:23

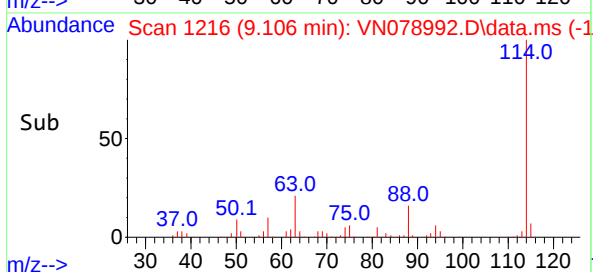
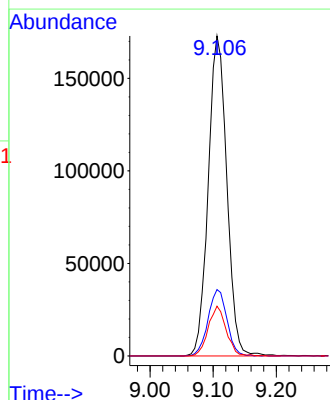
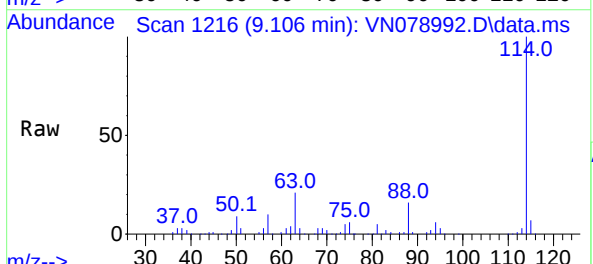
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#07

Tgt Ion: 65 Resp: 143400
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: VN078992.D
Acq: 22 Aug 2023 14:23

Tgt Ion: 114 Resp: 353997
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.4
88 15.5 0.0 30.6

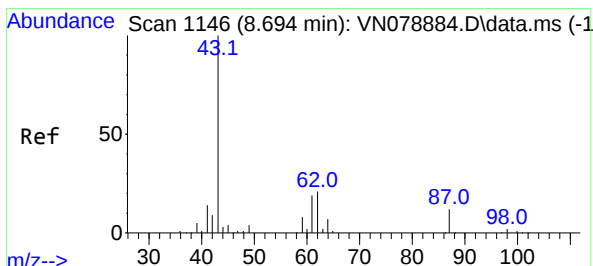
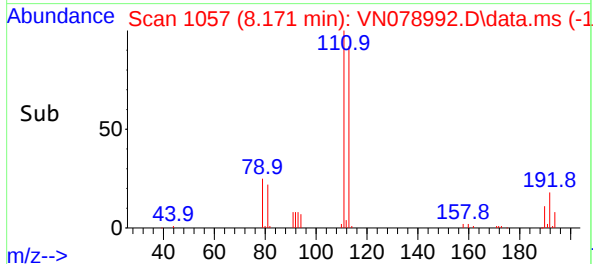
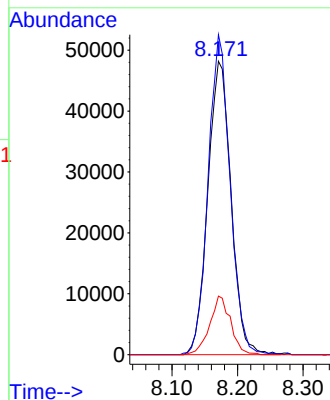
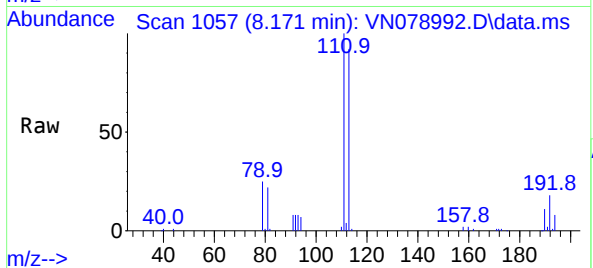




#35
Dibromofluoromethane
Concen: 49.901 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078992.D
Acq: 22 Aug 2023 14:23

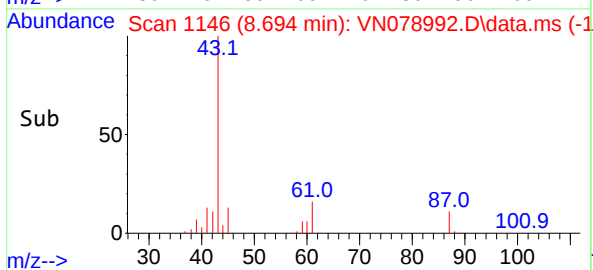
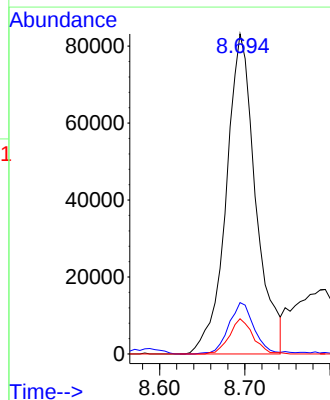
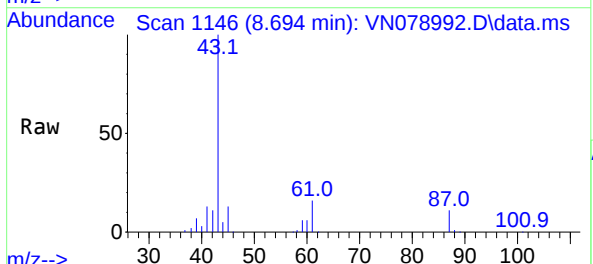
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#07

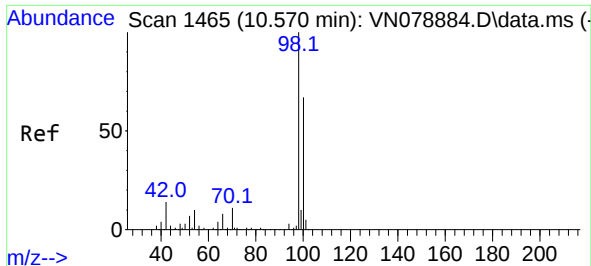
Tgt Ion:113 Resp: 118911
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 17.9 12.7 19.1



#43
Isopropyl Acetate
Concen: 28.229 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078992.D
Acq: 22 Aug 2023 14:23

Tgt Ion: 43 Resp: 200106
Ion Ratio Lower Upper
43 100
61 13.7 24.7 37.1#
87 8.8 14.6 21.8#

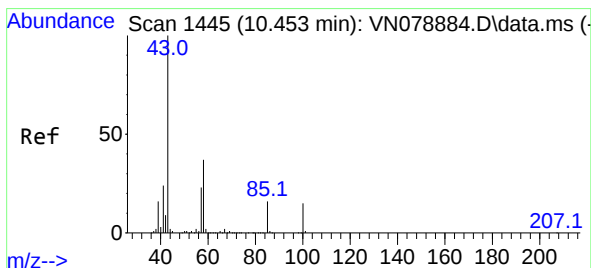
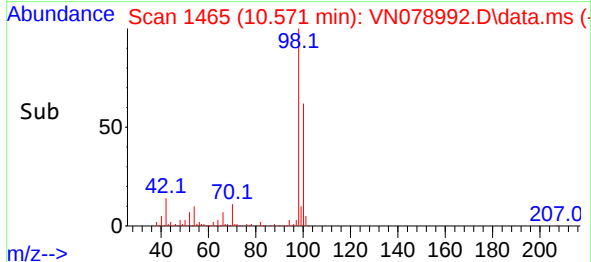
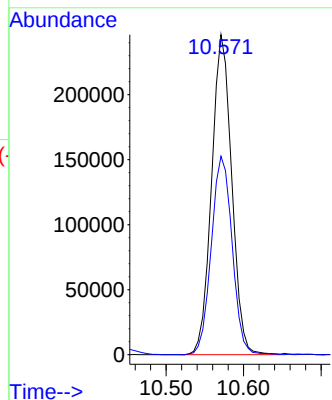
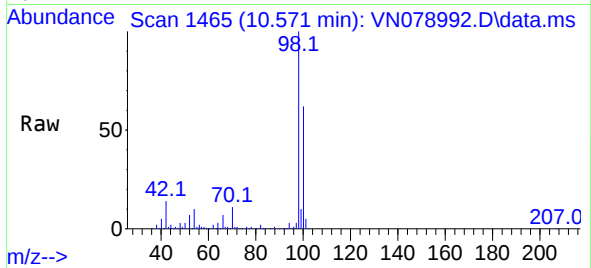




#50
Toluene-d8
Concen: 50.231 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078992.D
Acq: 22 Aug 2023 14:23

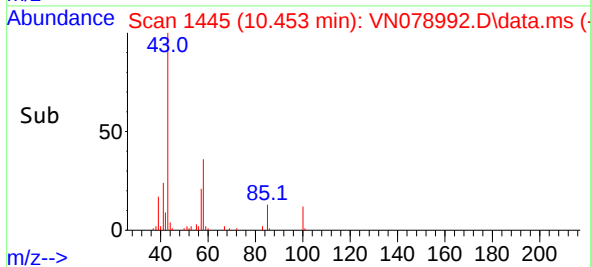
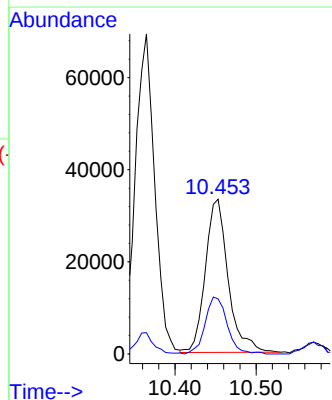
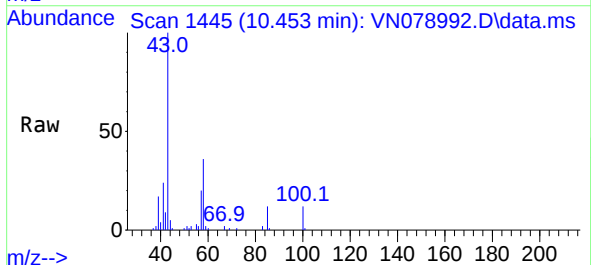
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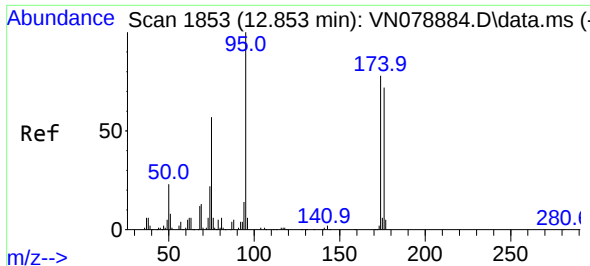
Tgt Ion: 98 Resp: 444445
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 15.440 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078992.D
Acq: 22 Aug 2023 14:23

Tgt Ion: 43 Resp: 64915
Ion Ratio Lower Upper
43 100
58 35.9 36.6 54.8#

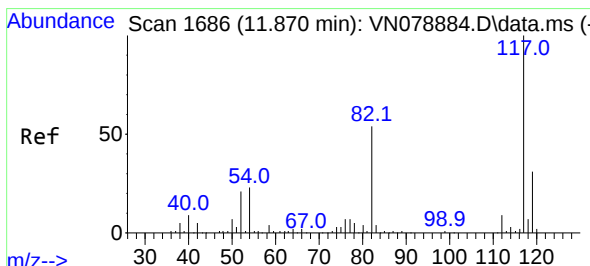
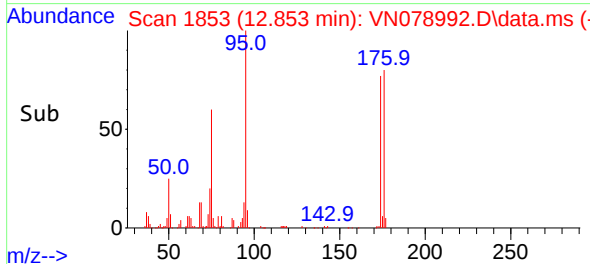
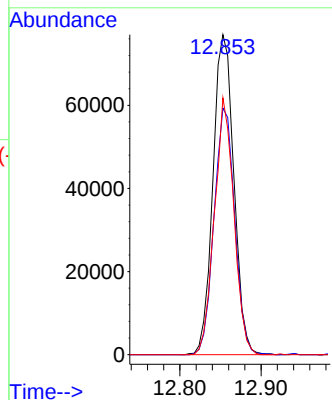
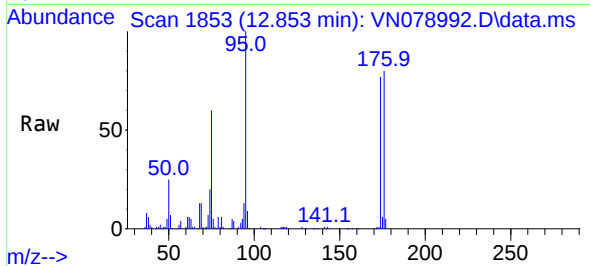




#62
4-Bromofluorobenzene
Concen: 47.537 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078992.D
Acq: 22 Aug 2023 14:23

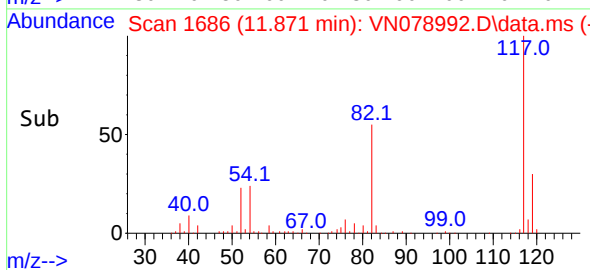
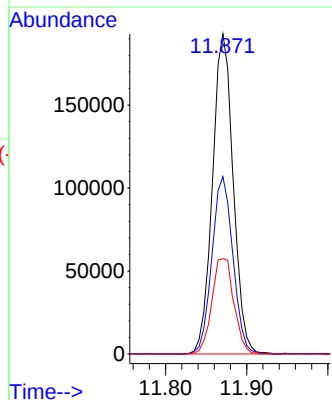
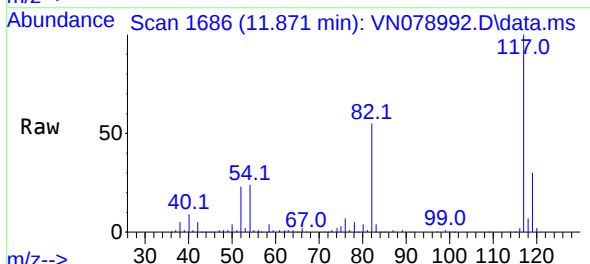
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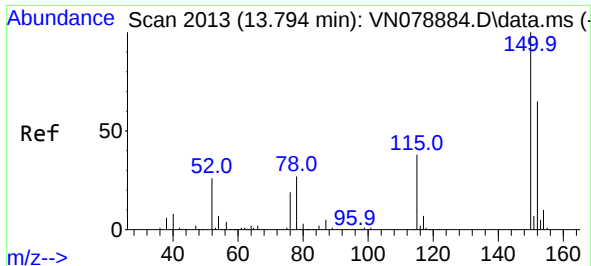
Tgt Ion: 95 Resp: 137479
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 75.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078992.D
Acq: 22 Aug 2023 14:23

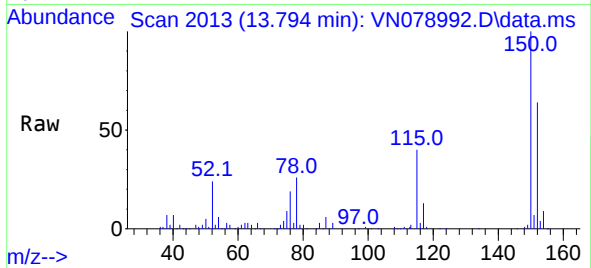
Tgt Ion: 117 Resp: 342312
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 29.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078992.D
 Acq: 22 Aug 2023 14:23

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 105827
 Ion Ratio Lower Upper
 152 100
 115 59.6 32.3 96.8
 150 158.5 0.0 355.8

