

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078986.D
 Acq On : 22 Aug 2023 11:58
 Operator : JC\MD
 Sample : PB154968ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154968ZHE#01

Quant Time: Aug 23 02:59:52 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)

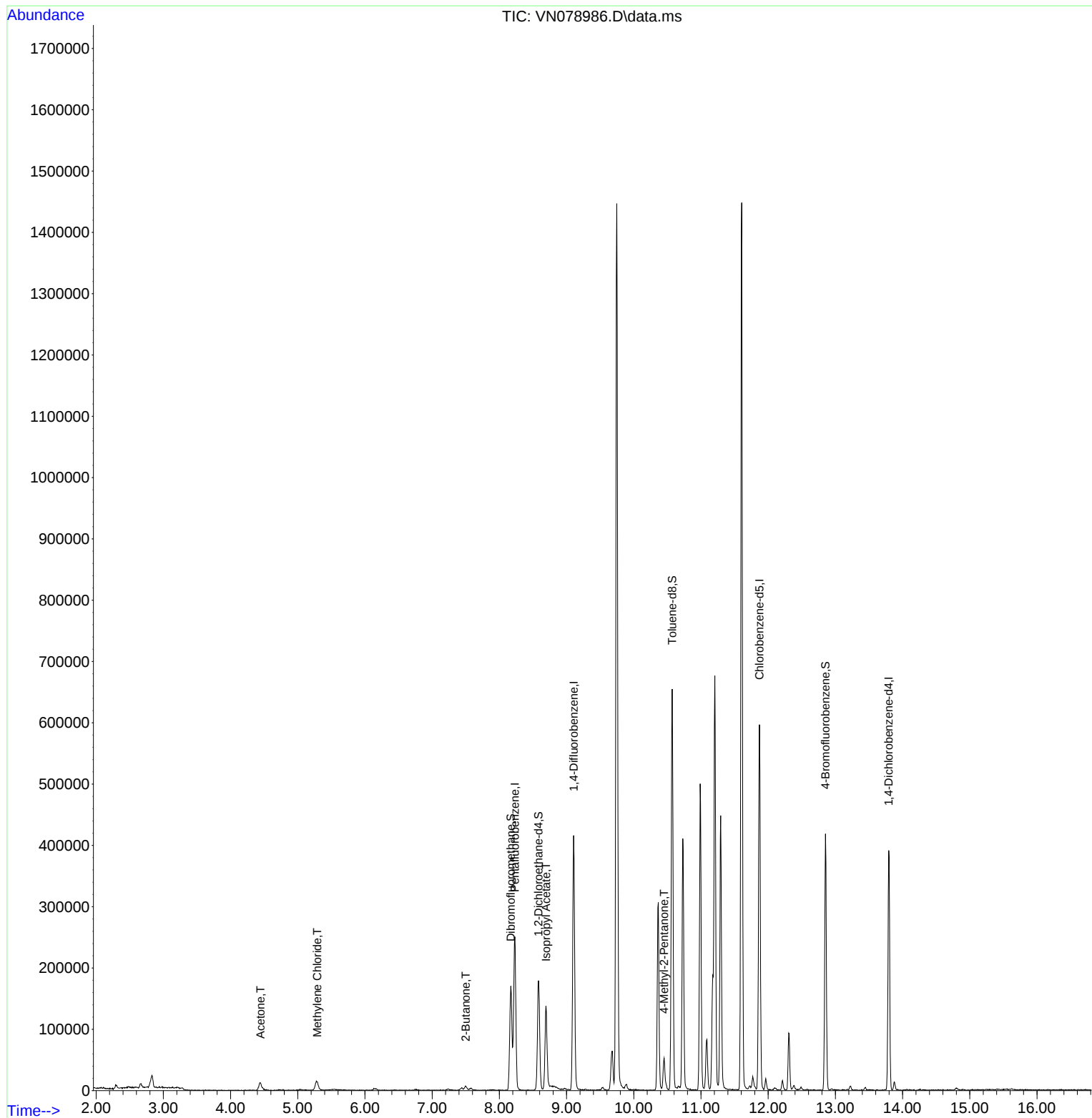
Internal Standards						
1) Pentafluorobenzene	8.230	168	176182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	337955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141196	51.502	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.000%		
35) Dibromofluoromethane	8.171	113	118389	51.614	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.220%		
50) Toluene-d8	10.571	98	432183	50.744	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.480%		
62) 4-Bromofluorobenzene	12.853	95	136171	48.915	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.840%		
Target Compounds						
						Qvalue
16) Acetone	4.448	43	24372	21.545	ug/l #	82
20) Methylene Chloride	5.289	84	10457	4.338	ug/l #	79
25) 2-Butanone	7.500	43	11221	6.187	ug/l #	82
43) Isopropyl Acetate	8.694	43	157442	23.074	ug/l #	79
51) 4-Methyl-2-Pentanone	10.453	43	42254	10.441	ug/l #	78

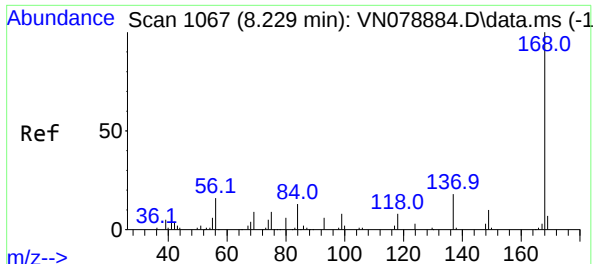
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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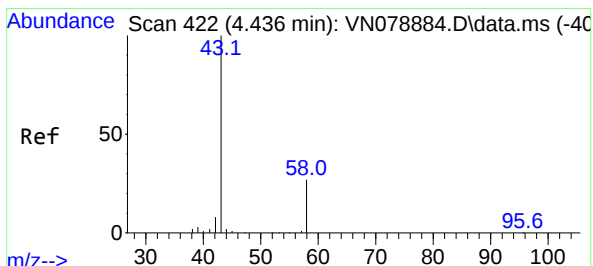
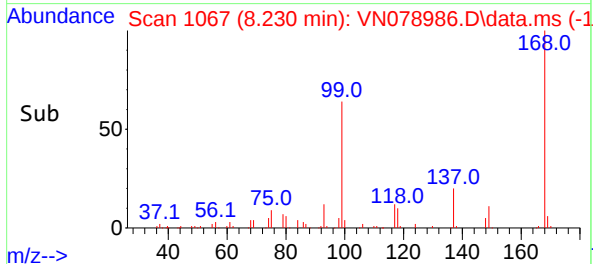
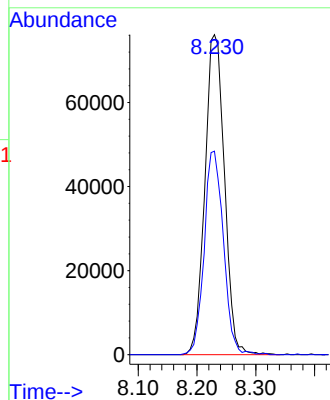
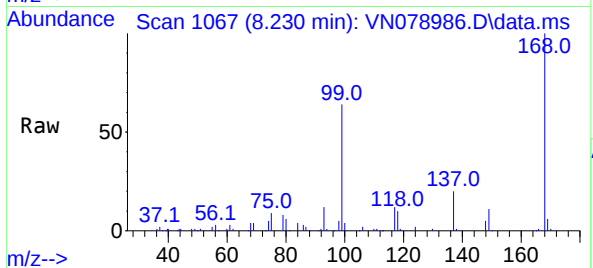




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078986.D
Acq: 22 Aug 2023 11:58

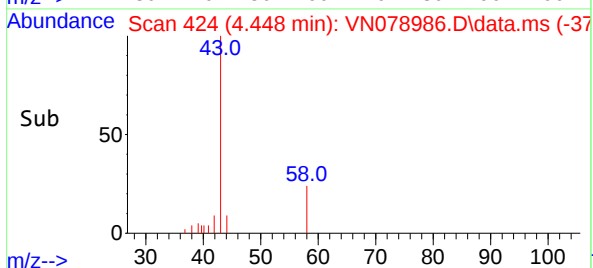
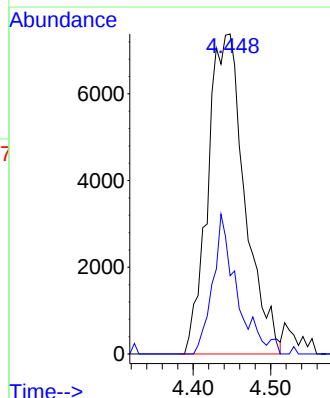
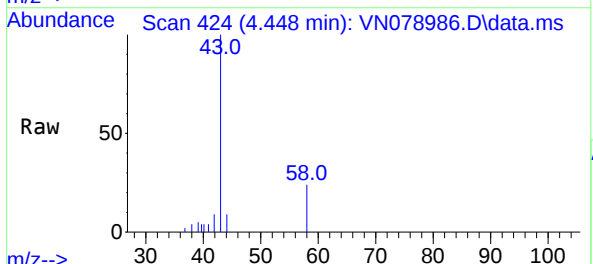
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#01

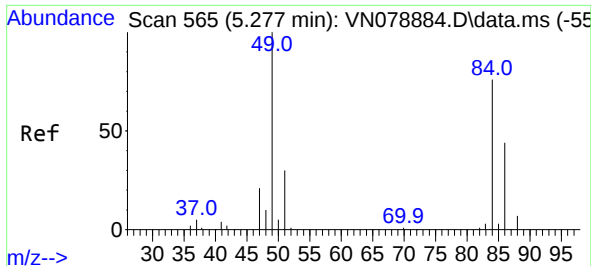
Tgt Ion:168 Resp: 176182
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#16
Acetone
Concen: 21.545 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078986.D
Acq: 22 Aug 2023 11:58

Tgt Ion: 43 Resp: 24372
Ion Ratio Lower Upper
43 100
58 24.5 28.0 42.0#





#20

Methylene Chloride

Concen: 4.338 ug/l

RT: 5.289 min Scan# 5

Delta R.T. 0.006 min

Lab File: VN078986.D

Acq: 22 Aug 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

PB154968ZHE#01

Tgt Ion: 84 Resp: 10457

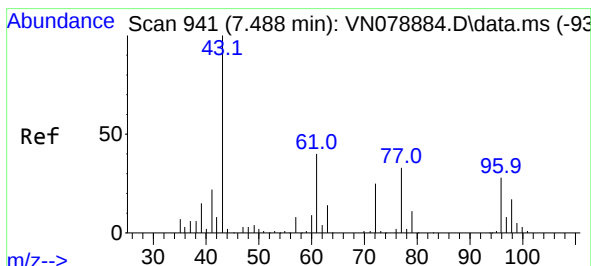
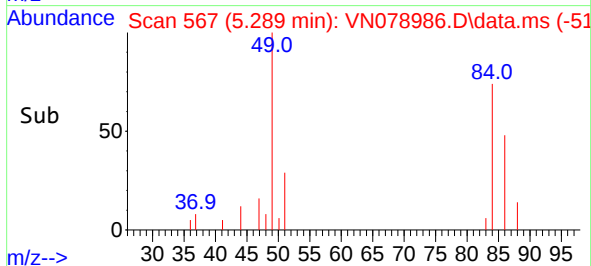
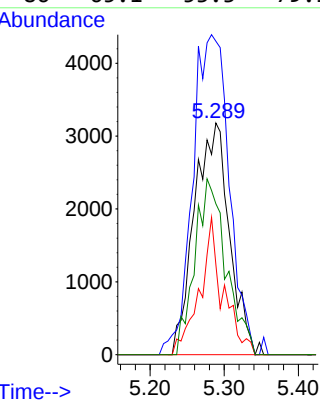
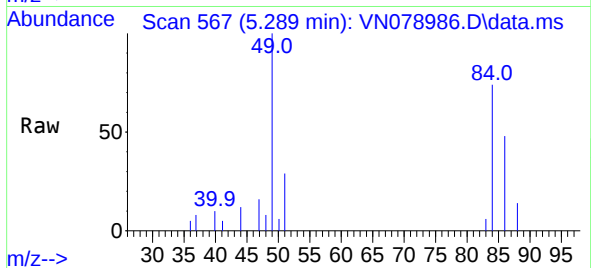
Ion Ratio Lower Upper

84 100

49 135.2 79.7 119.5#

51 38.9 25.2 37.8#

86 65.1 53.3 79.9



#25

2-Butanone

Concen: 6.187 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.006 min

Lab File: VN078986.D

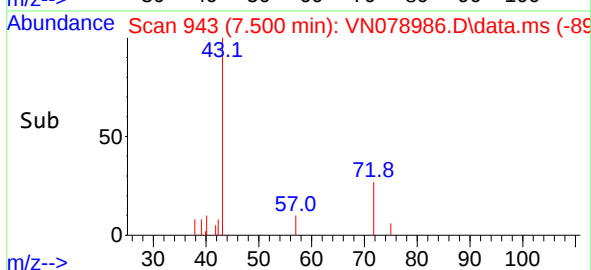
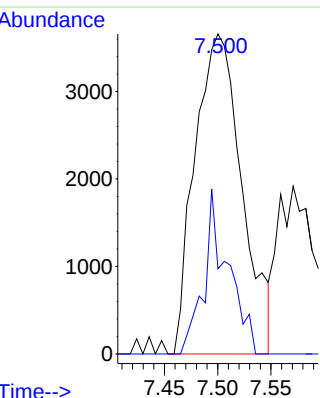
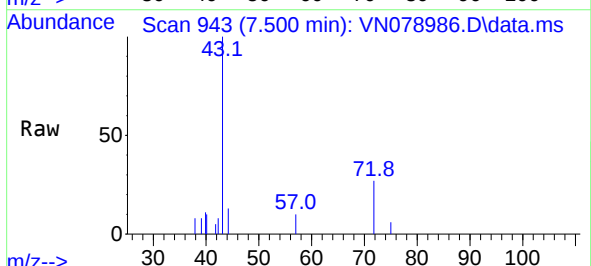
Acq: 22 Aug 2023 11:58

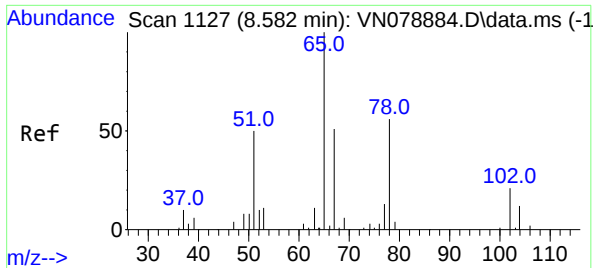
Tgt Ion: 43 Resp: 11221

Ion Ratio Lower Upper

43 100

72 26.7 30.2 45.2#

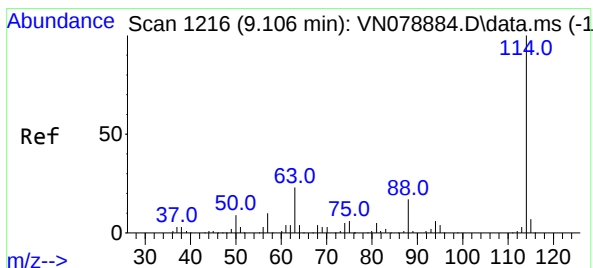
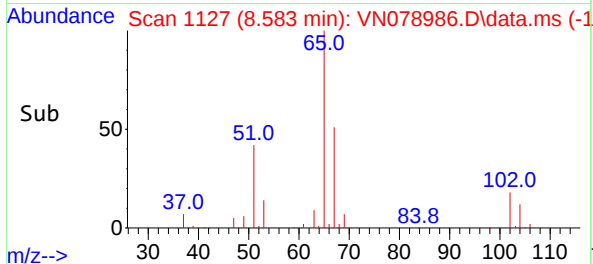
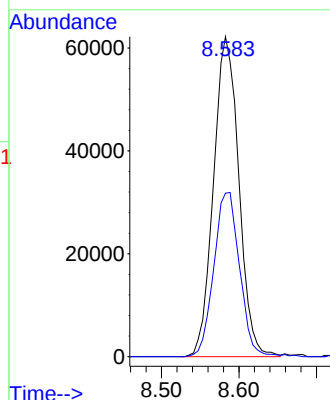
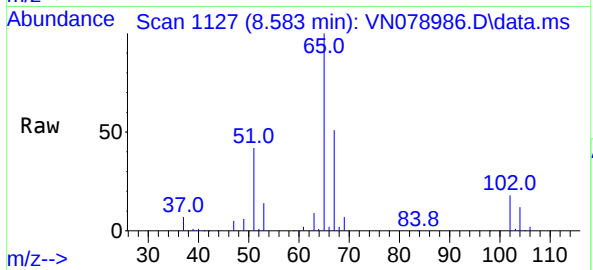




#33
1,2-Dichloroethane-d4
Concen: 51.502 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078986.D
Acq: 22 Aug 2023 11:58

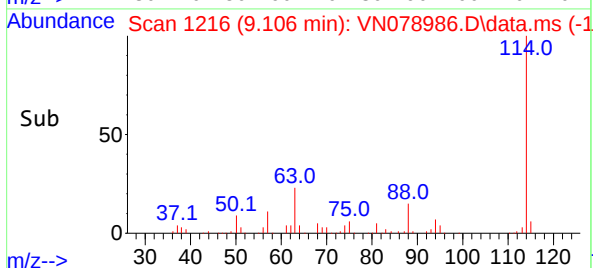
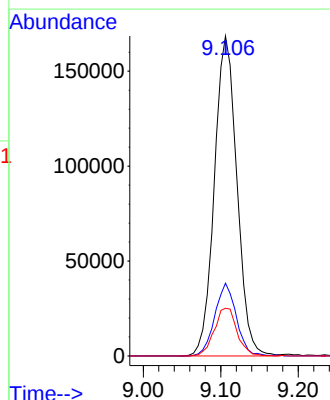
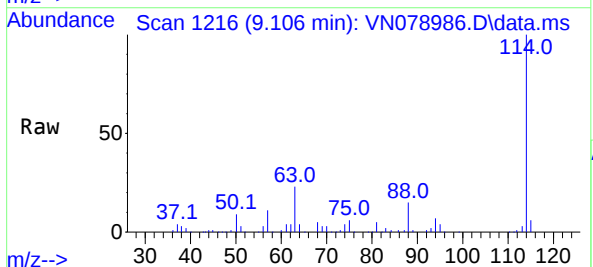
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#01

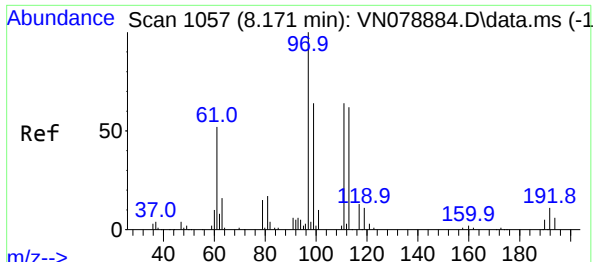
Tgt Ion: 65 Resp: 141196
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078986.D
Acq: 22 Aug 2023 11:58

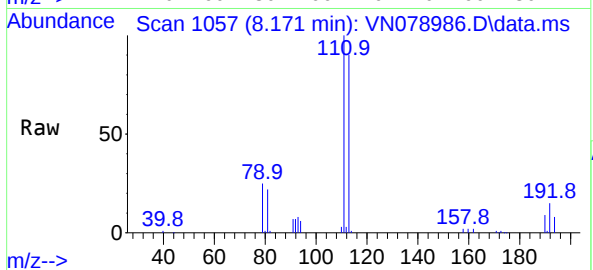
Tgt Ion: 114 Resp: 340748
Ion Ratio Lower Upper
114 100
63 22.8 0.0 36.4
88 14.9 0.0 30.6



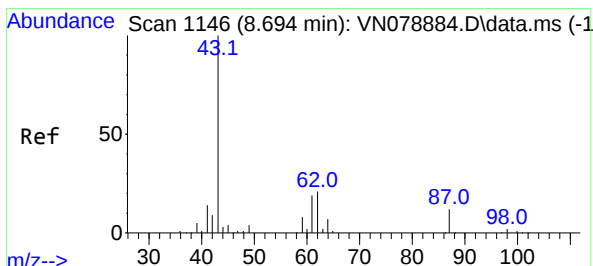
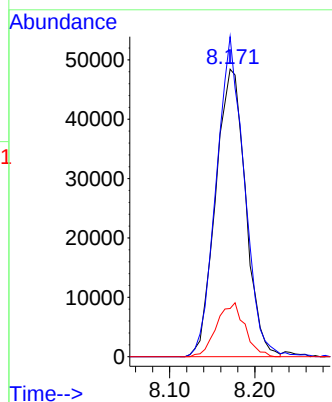
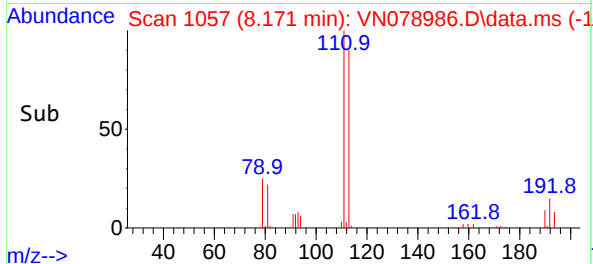


#35
Dibromofluoromethane
Concen: 51.614 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078986.D
Acq: 22 Aug 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#01

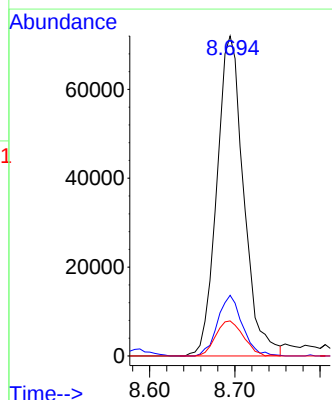
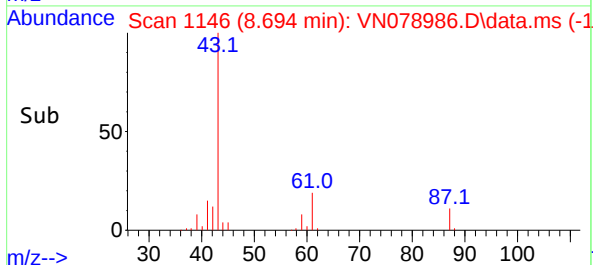
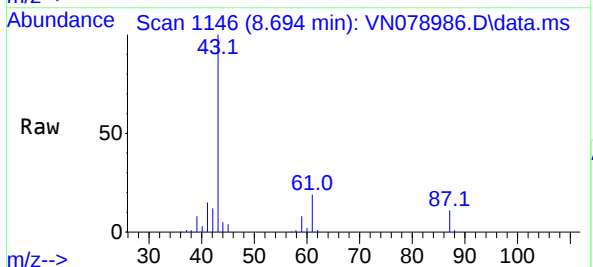


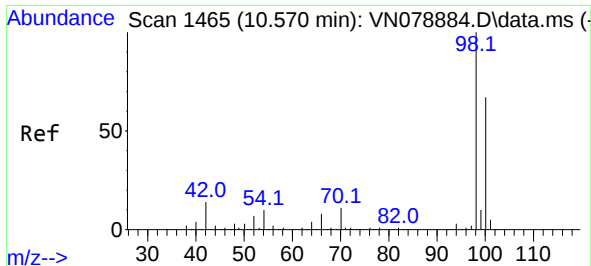
Tgt Ion:113 Resp: 118389
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 17.6 12.7 19.1



#43
Isopropyl Acetate
Concen: 23.074 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078986.D
Acq: 22 Aug 2023 11:58

Tgt Ion: 43 Resp: 157442
Ion Ratio Lower Upper
43 100
61 17.5 24.7 37.1#
87 11.3 14.6 21.8#

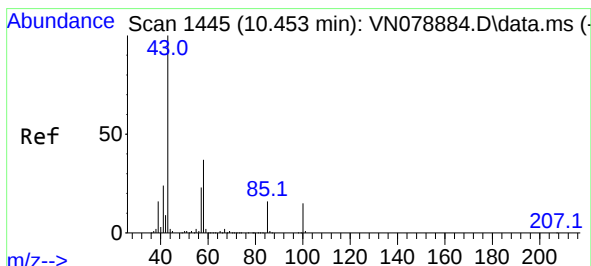
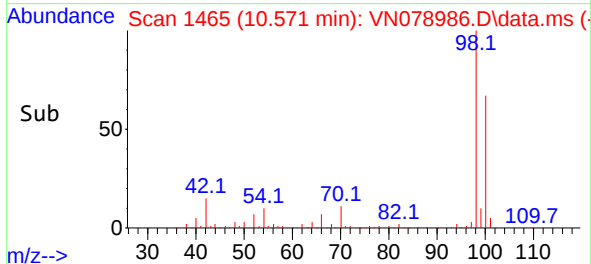
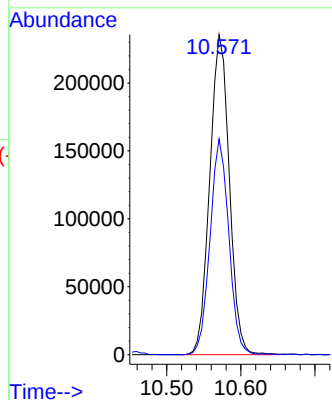
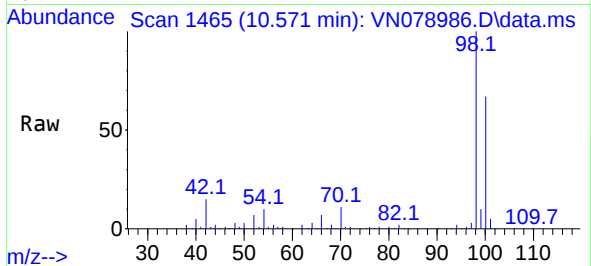




#50
Toluene-d8
Concen: 50.744 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078986.D
Acq: 22 Aug 2023 11:58

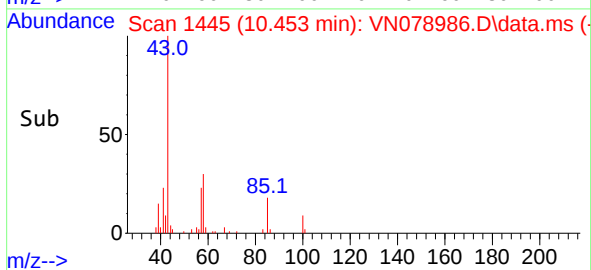
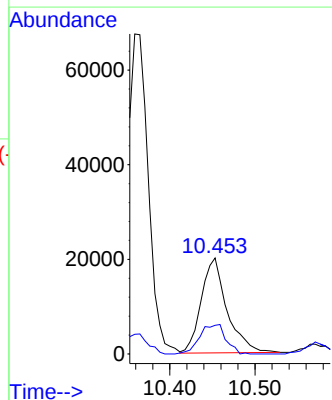
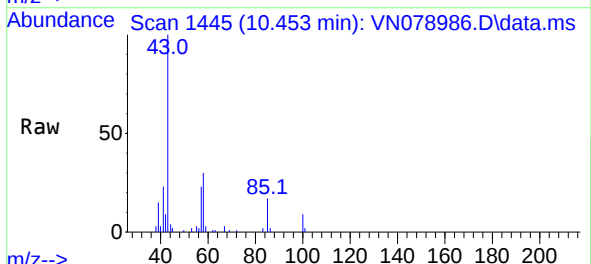
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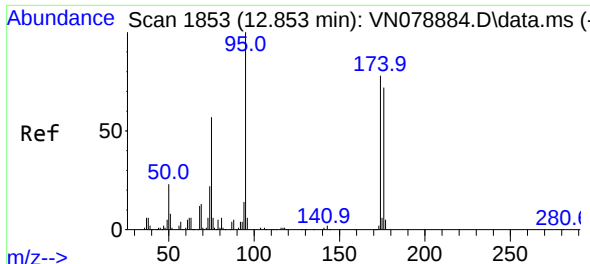
Tgt Ion: 98 Resp: 432183
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 10.441 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078986.D
Acq: 22 Aug 2023 11:58

Tgt Ion: 43 Resp: 42254
Ion Ratio Lower Upper
43 100
58 31.4 36.6 54.8#

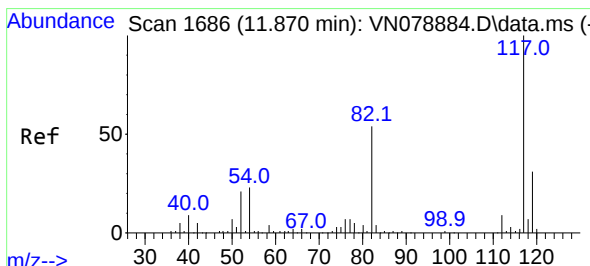
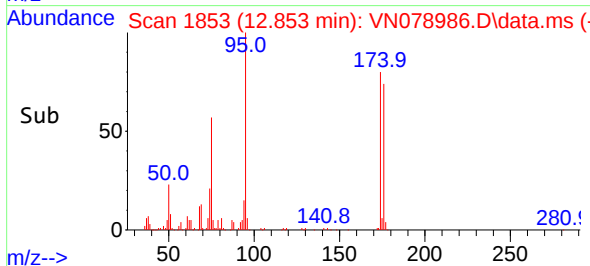
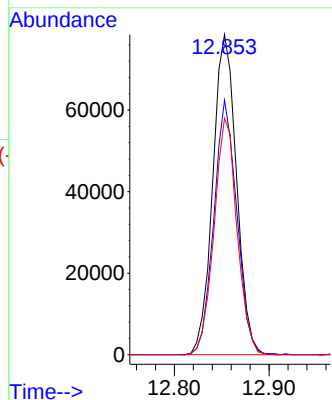
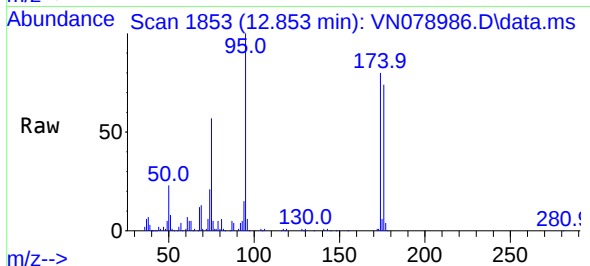




#62
4-Bromofluorobenzene
Concen: 48.915 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078986.D
Acq: 22 Aug 2023 11:58

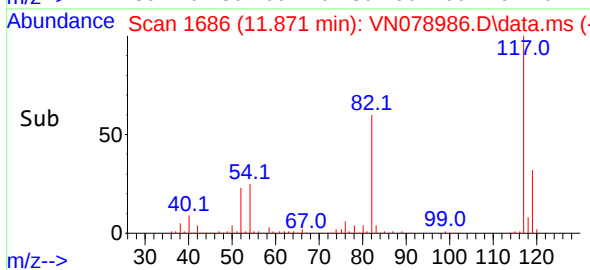
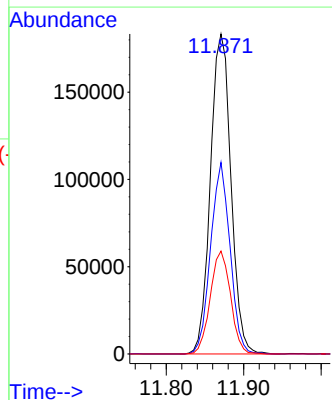
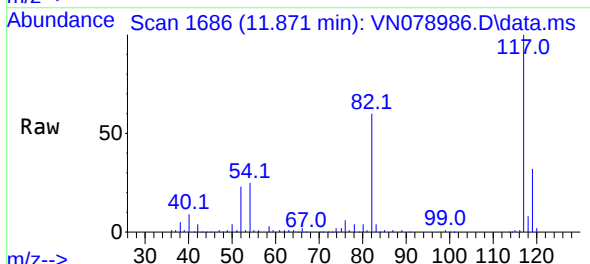
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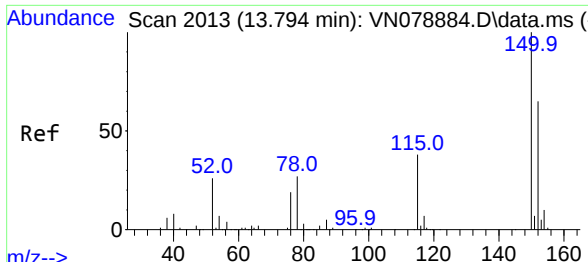
Tgt Ion: 95 Resp: 136171
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 71.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078986.D
Acq: 22 Aug 2023 11:58

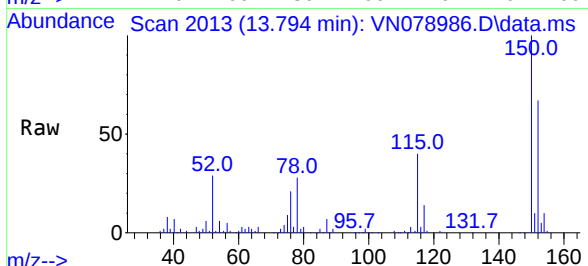
Tgt Ion: 117 Resp: 337955
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 32.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078986.D
 Acq: 22 Aug 2023 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154968ZHE#01



Tgt Ion:152 Resp: 101735

Ion	Ratio	Lower	Upper
152	100		
115	59.8	32.3	96.8
150	155.3	0.0	355.8

