

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078989.D
 Acq On : 22 Aug 2023 13:11
 Operator : JC\MD
 Sample : PB154968ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154968ZHE#04

Quant Time: Aug 23 03:01:15 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)

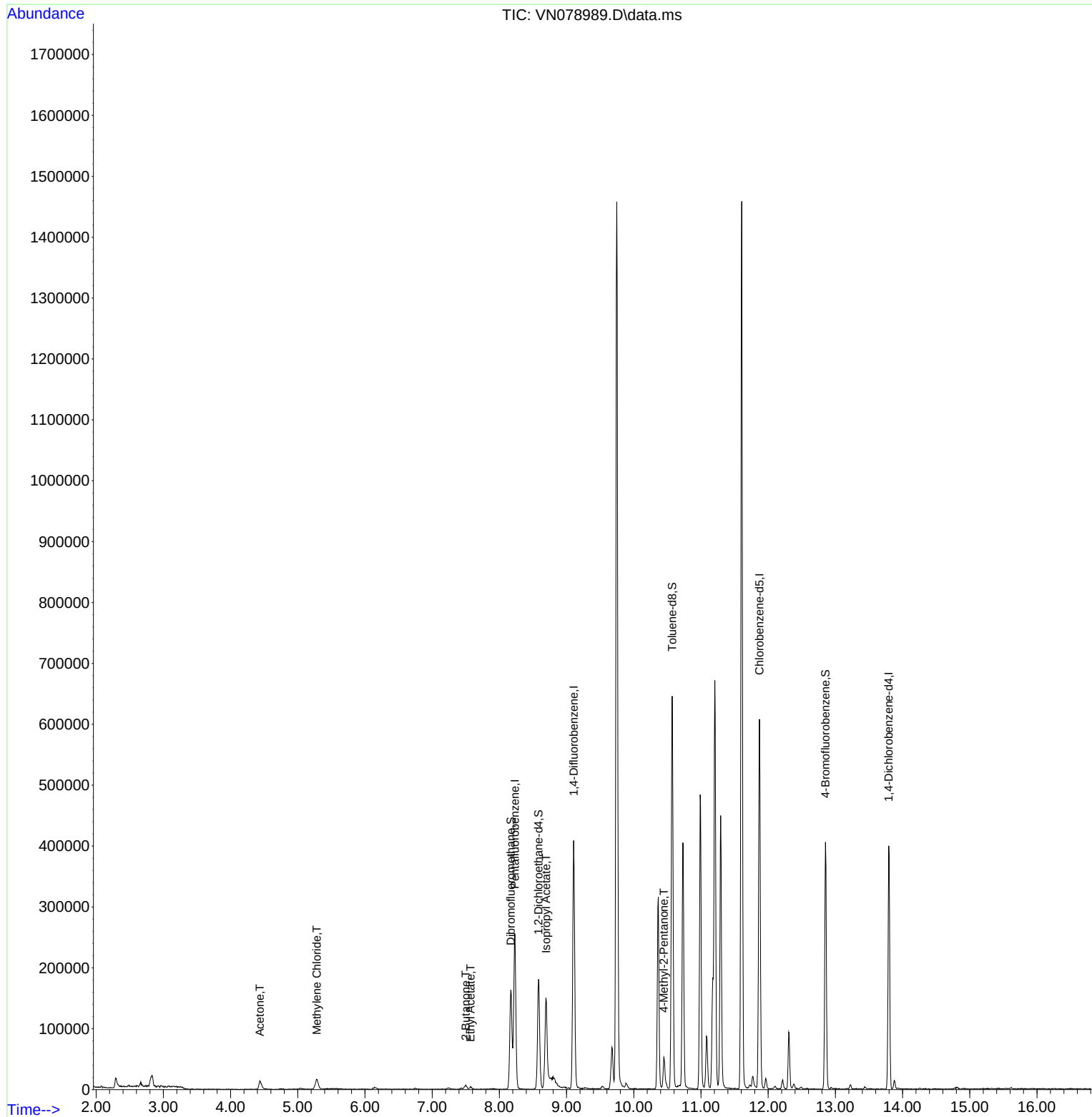
Internal Standards						
1) Pentafluorobenzene	8.229	168	174172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	329843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138700	51.176	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.360%		
35) Dibromofluoromethane	8.171	113	116850	52.035	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.060%		
50) Toluene-d8	10.570	98	429374	51.495	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.000%		
62) 4-Bromofluorobenzene	12.853	95	133375	48.938	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.880%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	24750	22.132	ug/l	99
20) Methylene Chloride	5.283	84	11642	4.885	ug/l #	73
25) 2-Butanone	7.500	43	10490	5.851	ug/l	99
37) Ethyl Acetate	7.571	43	5782	1.530	ug/l #	86
43) Isopropyl Acetate	8.694	43	184839	27.670	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	41442	10.460	ug/l #	77

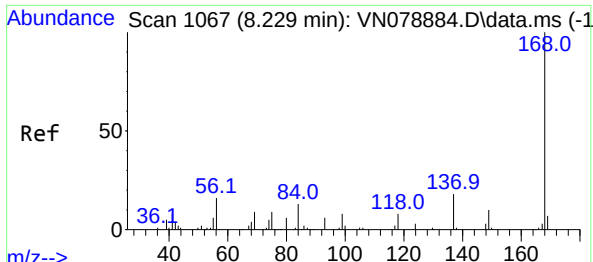
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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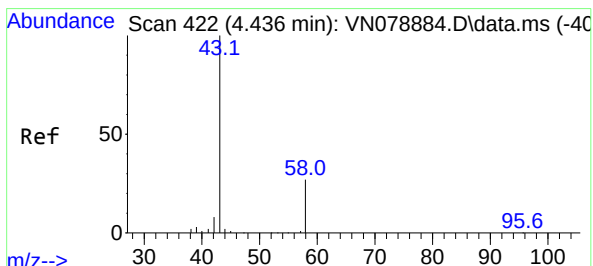
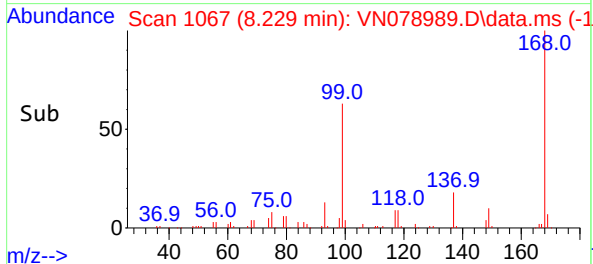
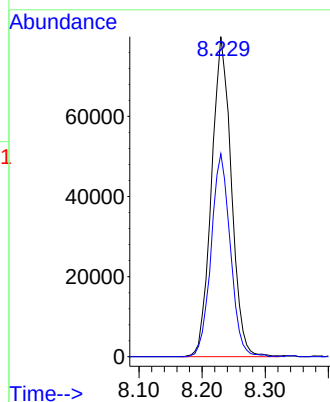
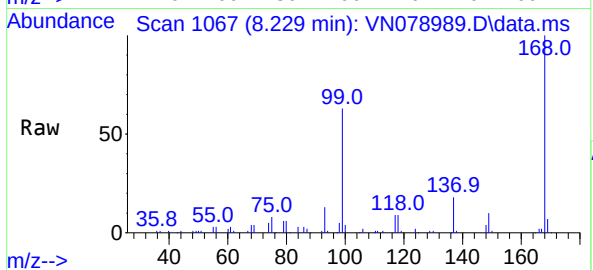




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078989.D
Acq: 22 Aug 2023 13:11

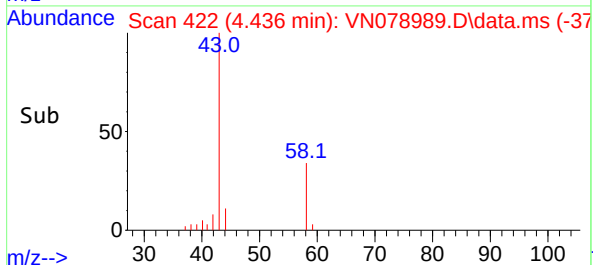
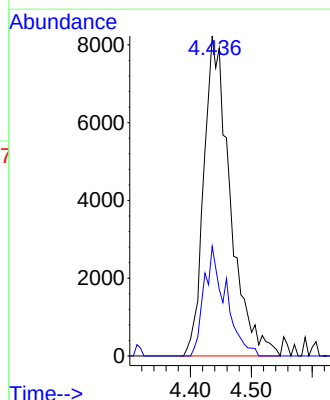
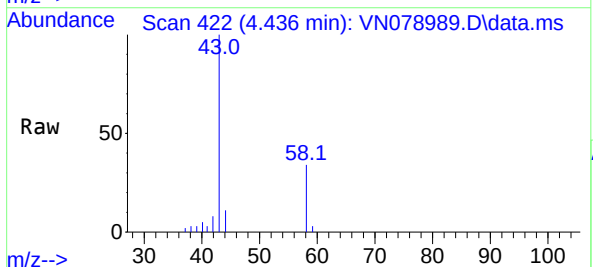
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#04

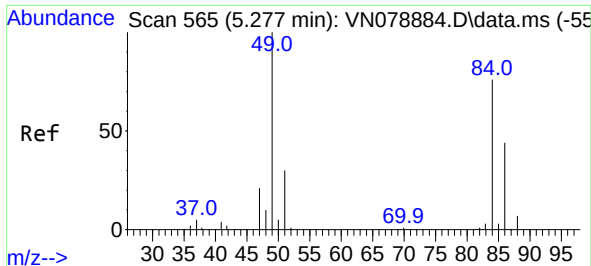
Tgt Ion:168 Resp: 174172
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#16
Acetone
Concen: 22.132 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078989.D
Acq: 22 Aug 2023 13:11

Tgt Ion: 43 Resp: 24750
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0



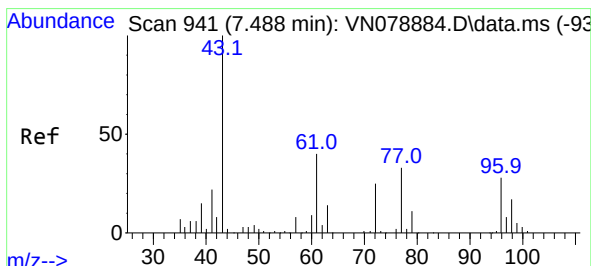
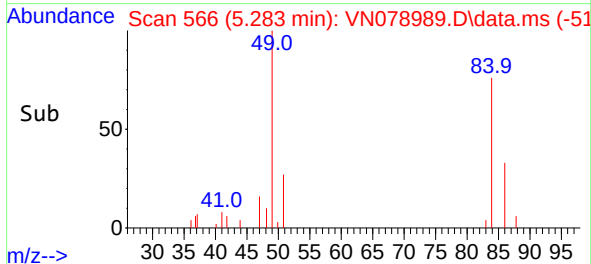
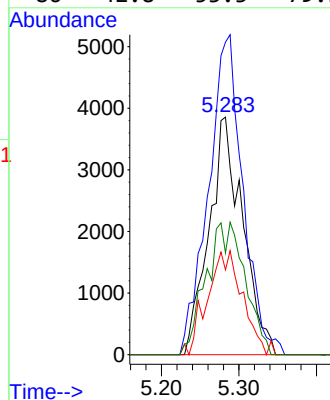
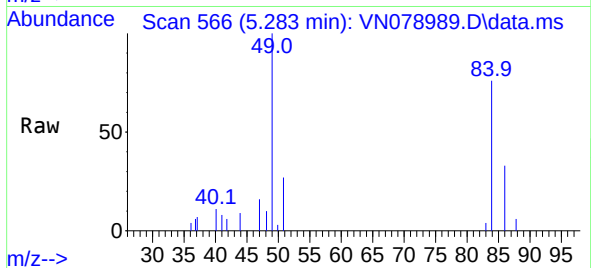


#20
Methylene Chloride
Concen: 4.885 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078989.D
Acq: 22 Aug 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#04

Tgt Ion: 84 Resp: 11642

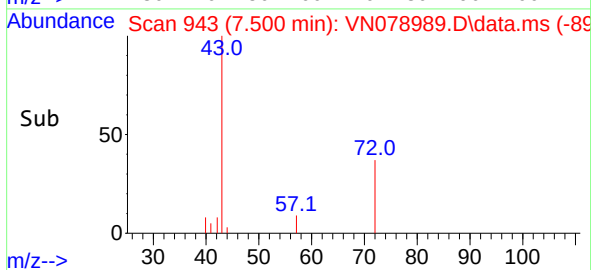
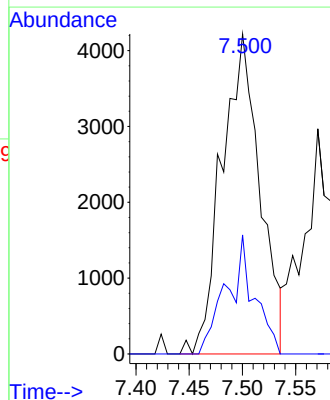
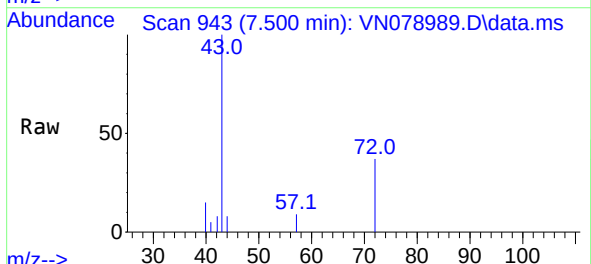
Ion	Ratio	Lower	Upper
84	100		
49	131.5	79.7	119.5#
51	35.7	25.2	37.8
86	42.8	53.3	79.9#

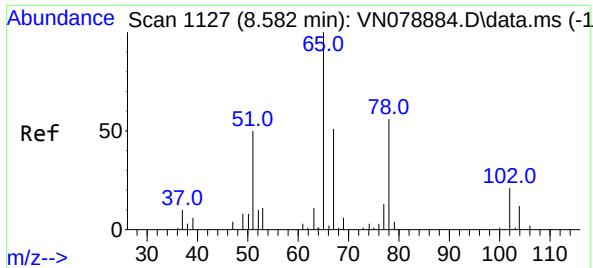


#25
2-Butanone
Concen: 5.851 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078989.D
Acq: 22 Aug 2023 13:11

Tgt Ion: 43 Resp: 10490

Ion	Ratio	Lower	Upper
43	100		
72	37.2	30.2	45.2

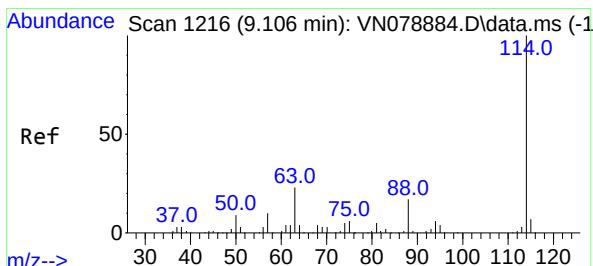
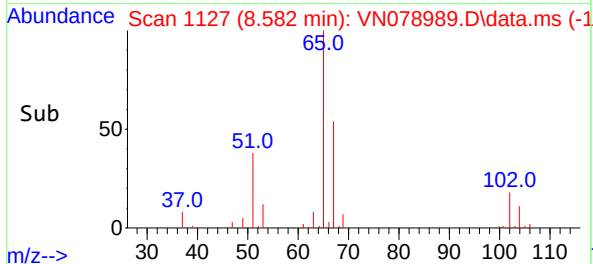
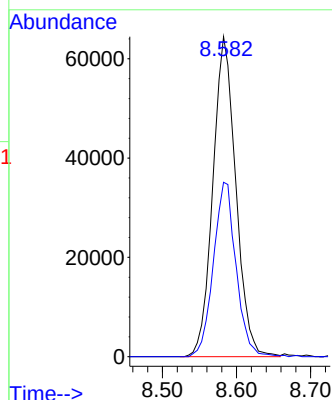
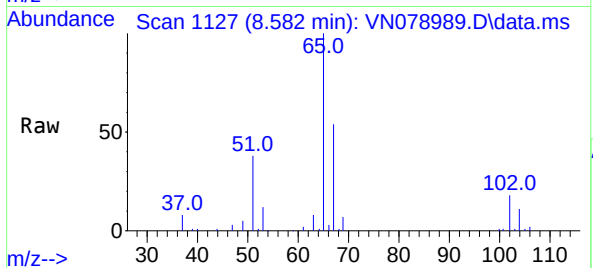




#33
1,2-Dichloroethane-d4
Concen: 51.176 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078989.D
Acq: 22 Aug 2023 13:11

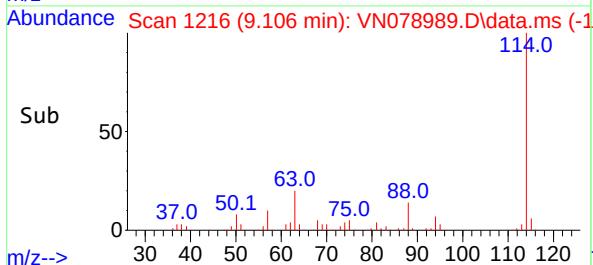
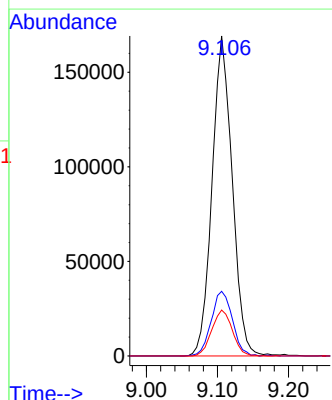
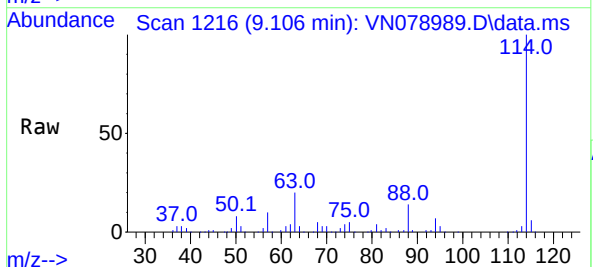
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#04

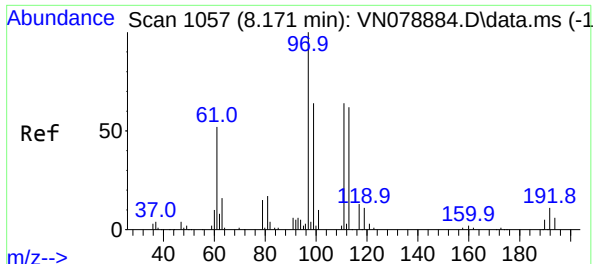
Tgt Ion: 65 Resp: 138700
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078989.D
Acq: 22 Aug 2023 13:11

Tgt Ion: 114 Resp: 333599
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.4
88 14.4 0.0 30.6

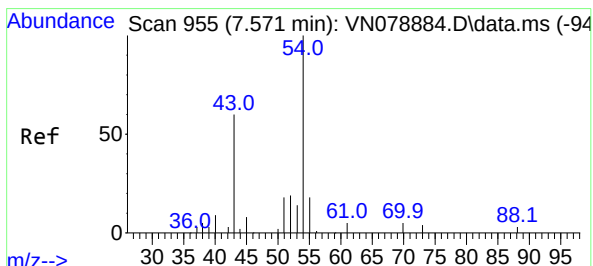
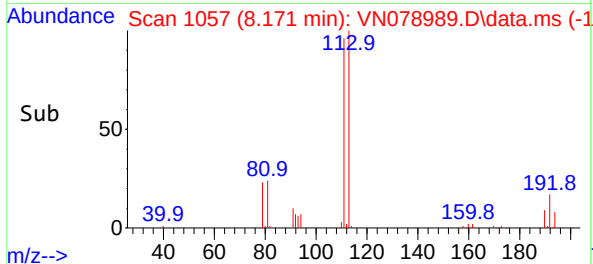
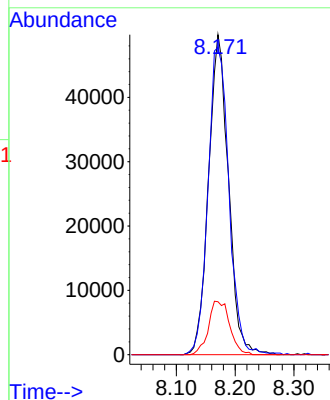
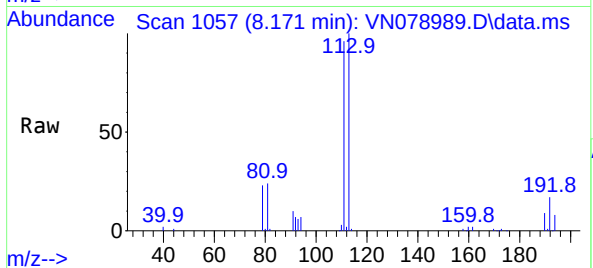




#35
Dibromofluoromethane
Concen: 52.035 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078989.D
Acq: 22 Aug 2023 13:11

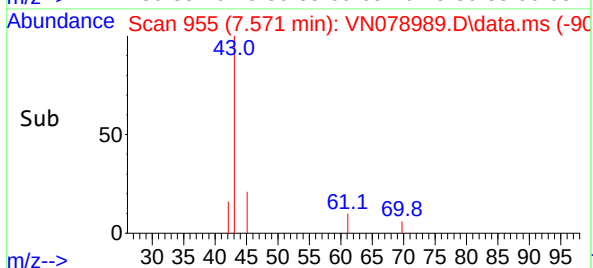
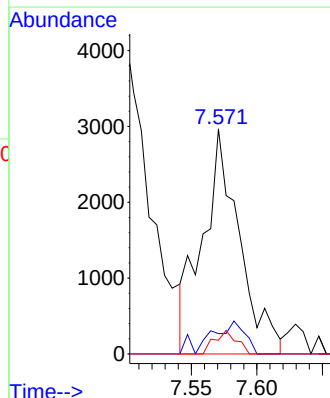
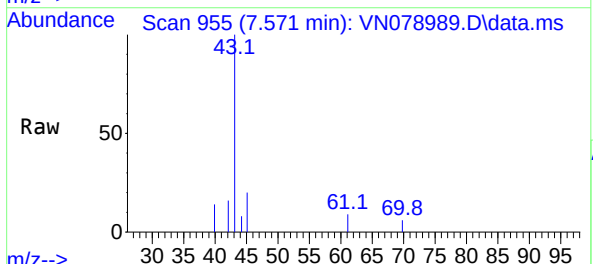
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#04

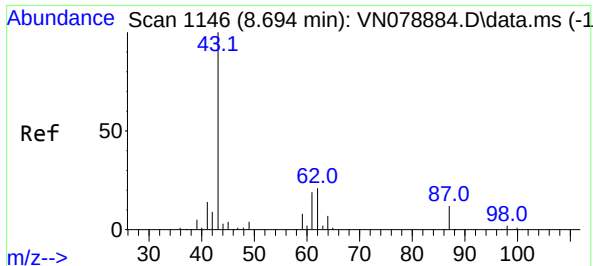
Tgt Ion:113 Resp: 116850
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 17.9 12.7 19.1



#37
Ethyl Acetate
Concen: 1.530 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078989.D
Acq: 22 Aug 2023 13:11

Tgt Ion: 43 Resp: 5782
Ion Ratio Lower Upper
43 100
61 12.1 13.2 19.8#
70 6.2 11.3 16.9#

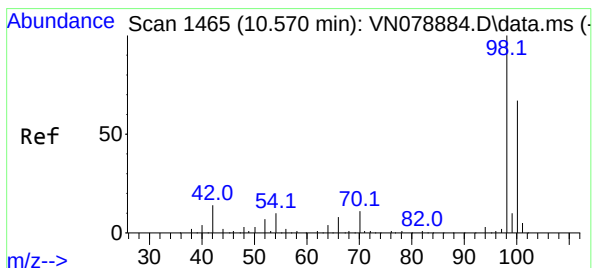
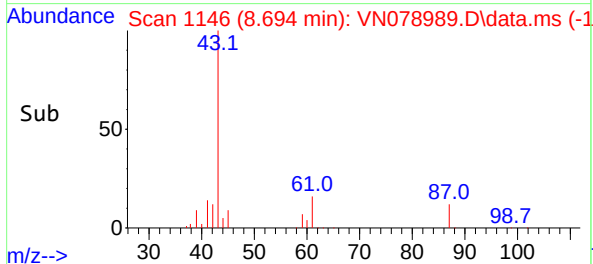
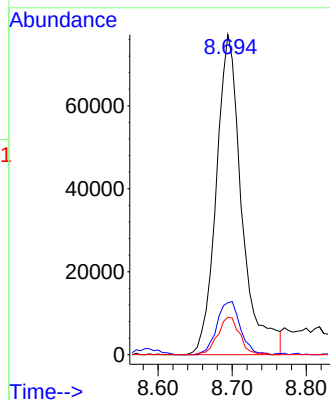
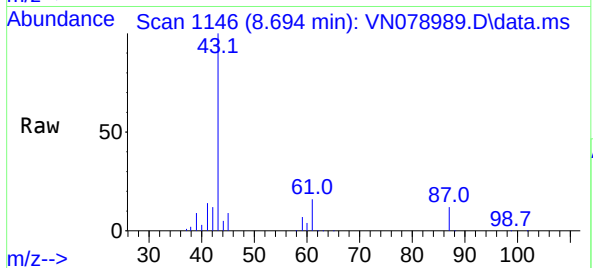




#43
Isopropyl Acetate
Concen: 27.670 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078989.D
Acq: 22 Aug 2023 13:11

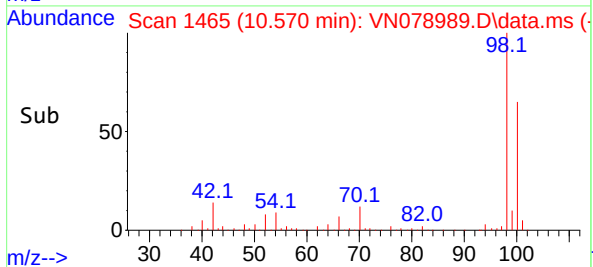
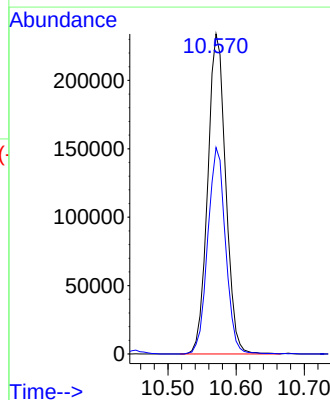
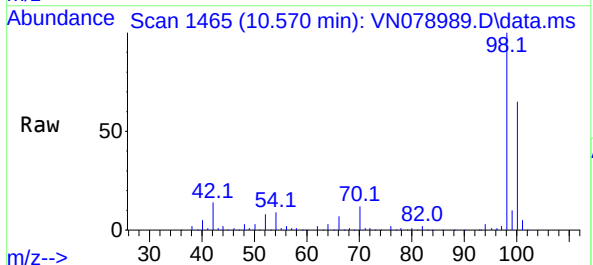
Instrument :
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ClientSampleId :
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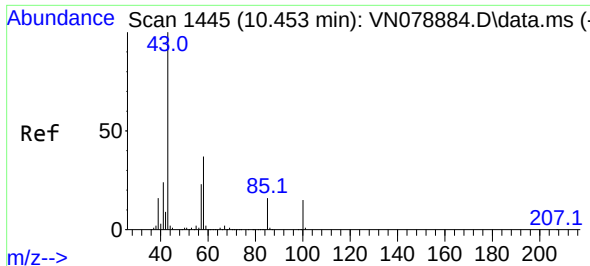
Tgt Ion: 43 Resp: 184839
Ion Ratio Lower Upper
43 100
61 15.2 24.7 37.1#
87 10.1 14.6 21.8#



#50
Toluene-d8
Concen: 51.495 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078989.D
Acq: 22 Aug 2023 13:11

Tgt Ion: 98 Resp: 429374
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 10.460 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN078989.D

Acq: 22 Aug 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

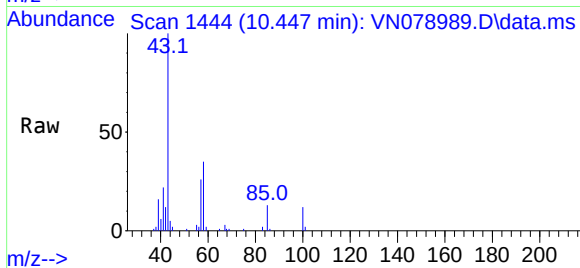
PB154968ZHE#04

Tgt Ion: 43 Resp: 41442

Ion Ratio Lower Upper

43 100

58 30.7 36.6 54.8#



Abundance

60000

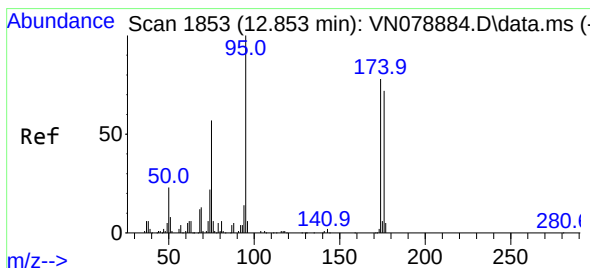
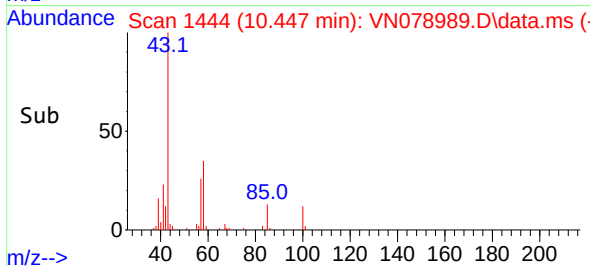
40000

20000

0

10.447

Time-->



#62

4-Bromofluorobenzene

Concen: 48.938 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078989.D

Acq: 22 Aug 2023 13:11

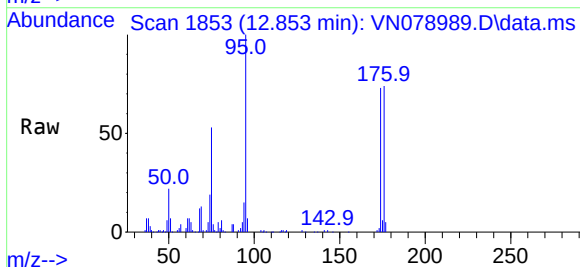
Tgt Ion: 95 Resp: 133375

Ion Ratio Lower Upper

95 100

174 75.8 0.0 143.8

176 72.5 0.0 135.8



Abundance

60000

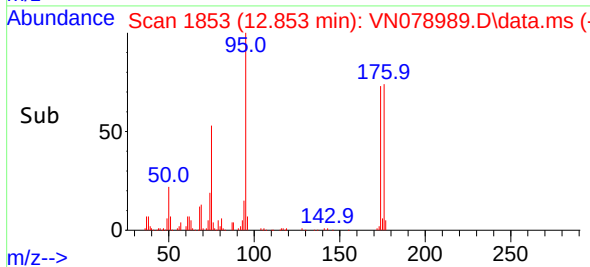
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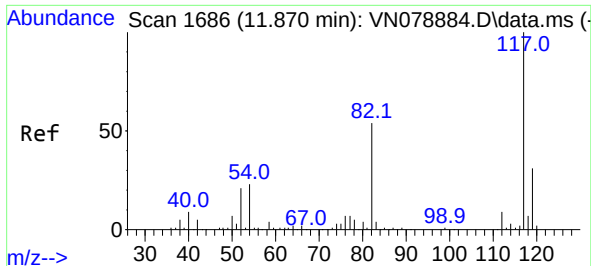
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12.853

Time-->

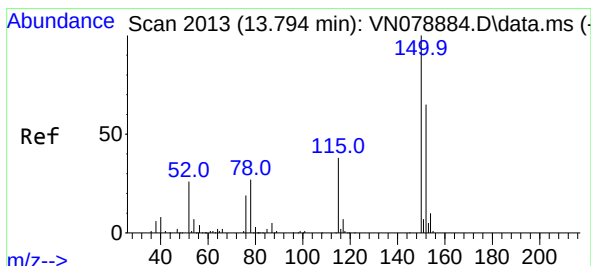
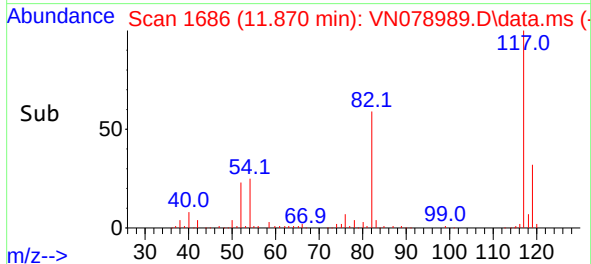
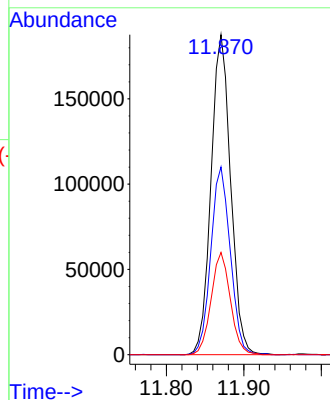
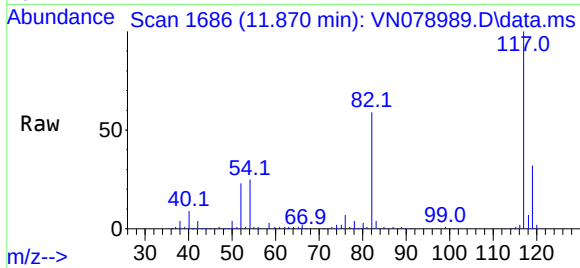




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN078989.D
Acq: 22 Aug 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#04

Tgt Ion:117 Resp: 329843
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN078989.D
Acq: 22 Aug 2023 13:11

Tgt Ion:152 Resp: 100109
Ion Ratio Lower Upper
152 100
115 59.2 32.3 96.8
150 158.7 0.0 355.8

