

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078948.D
 Acq On : 18 Aug 2023 17:35
 Operator : JC\MD
 Sample : PB154902ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#05

Quant Time: Aug 18 23:45:35 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)

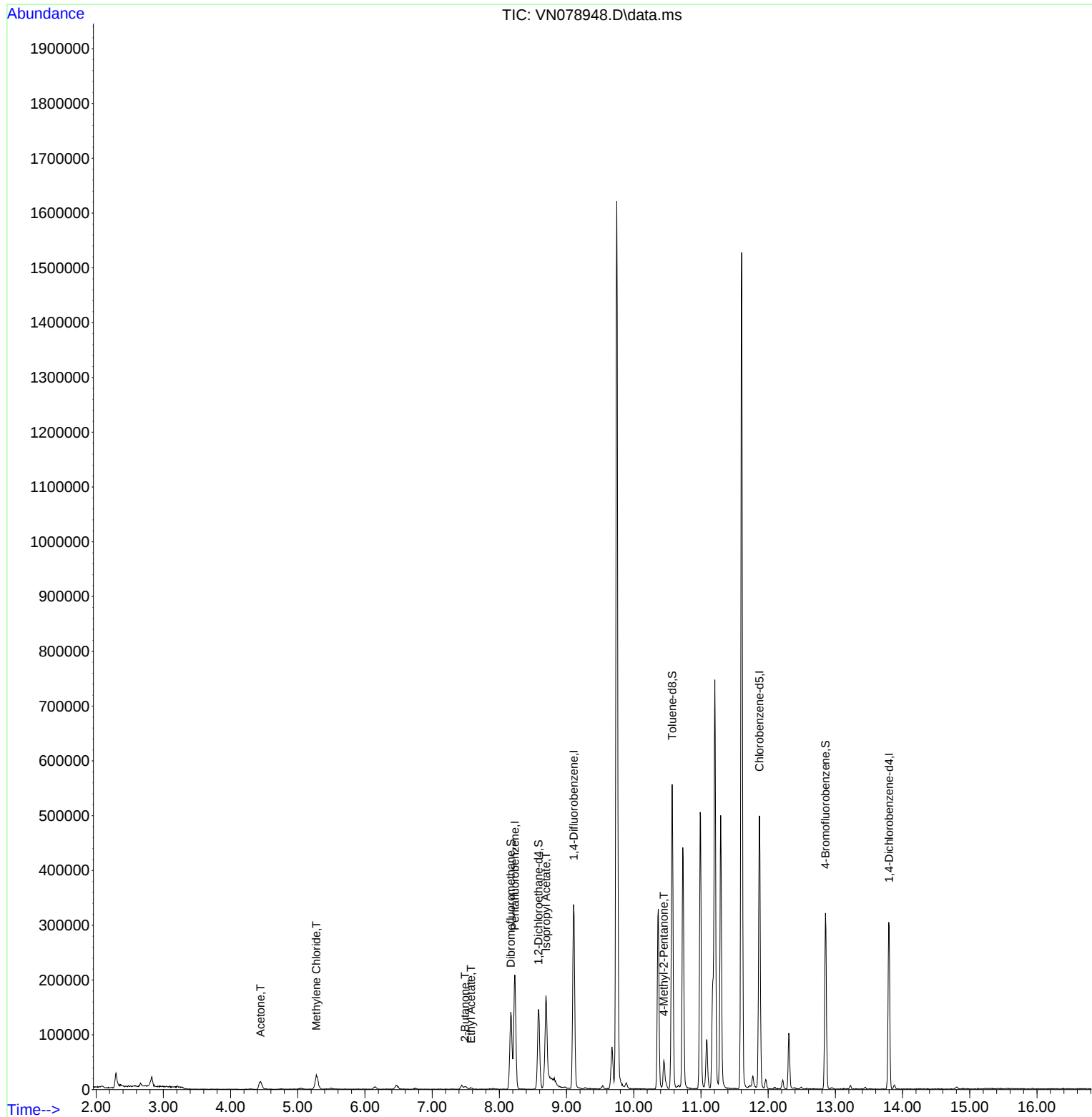
Internal Standards						
1) Pentafluorobenzene	8.230	168	146973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	280216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	276667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	82965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118418	51.778	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.560%		
35) Dibromofluoromethane	8.171	113	97197	51.529	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.060%		
50) Toluene-d8	10.571	98	358691	51.213	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.420%		
62) 4-Bromofluorobenzene	12.853	95	105485	46.078	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.160%		
Target Compounds						
						Qvalue
16) Acetone	4.447	43	30149	31.949	ug/l	90
20) Methylene Chloride	5.277	84	17523	8.714	ug/l #	82
25) 2-Butanone	7.488	43	9211	6.088	ug/l #	83
37) Ethyl Acetate	7.577	43	4881	1.537	ug/l #	74
43) Isopropyl Acetate	8.694	43	209797	37.389	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	42099	12.650	ug/l #	78

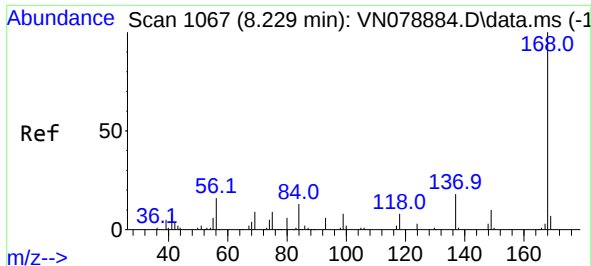
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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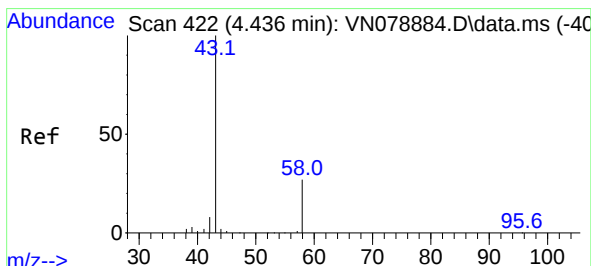
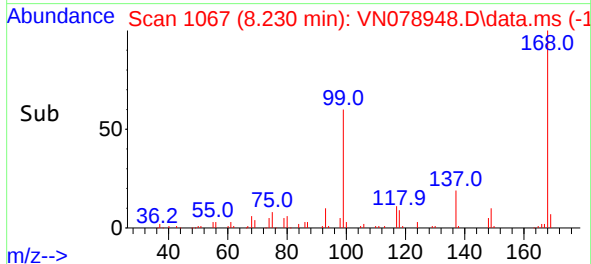
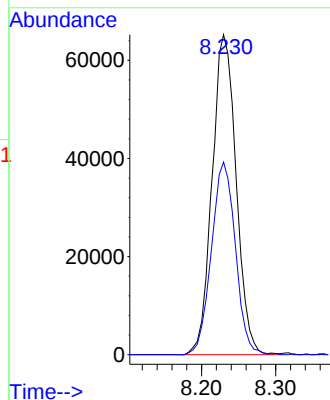
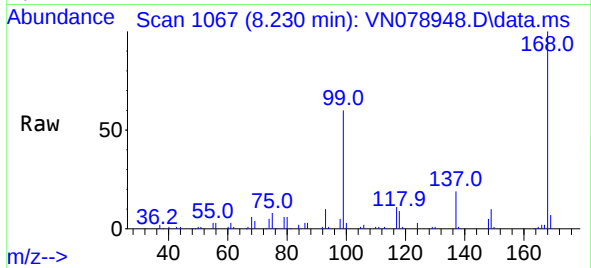




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35

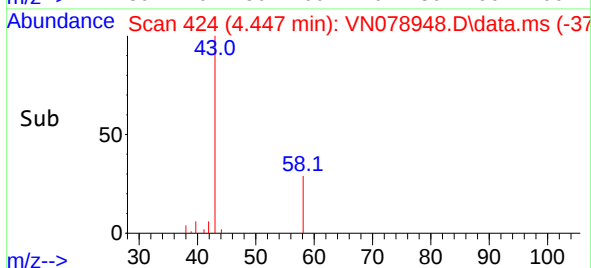
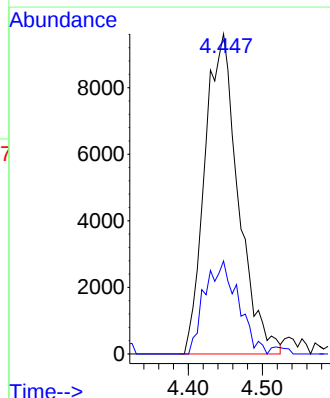
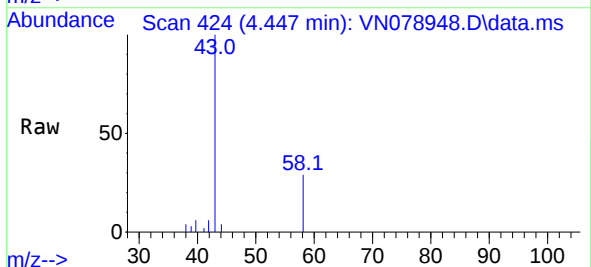
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#05

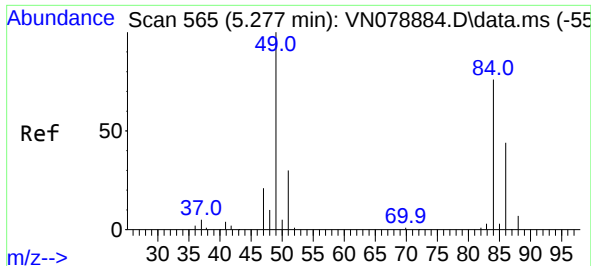
Tgt Ion:168 Resp: 146973
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#16
Acetone
Concen: 31.949 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35

Tgt Ion: 43 Resp: 30149
Ion Ratio Lower Upper
43 100
58 29.0 28.0 42.0



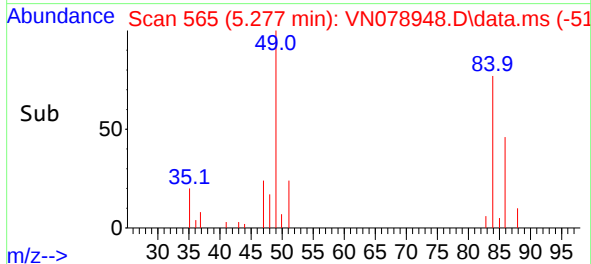
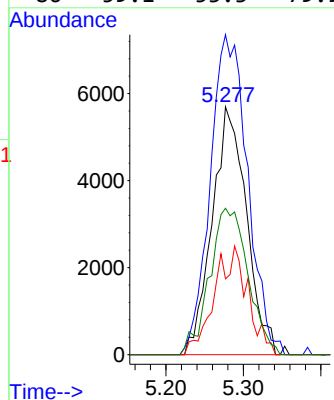
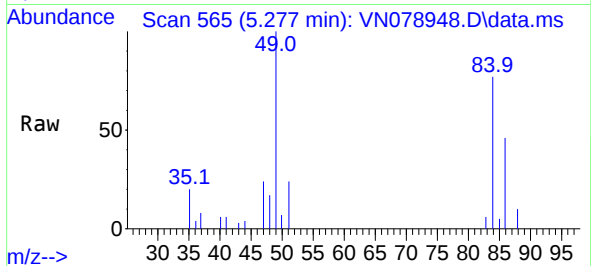


#20
Methylene Chloride
Concen: 8.714 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#05

Tgt Ion: 84 Resp: 17523

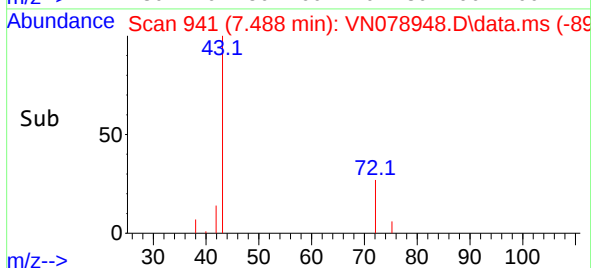
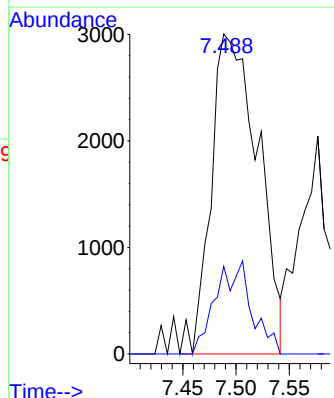
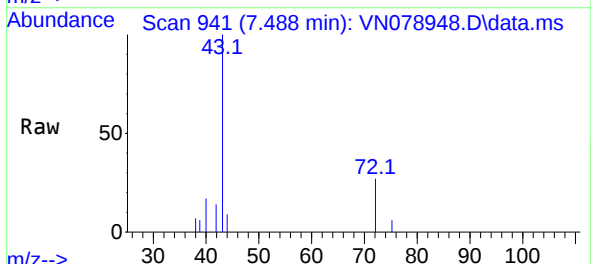
Ion	Ratio	Lower	Upper
84	100		
49	129.2	79.7	119.5#
51	30.6	25.2	37.8
86	59.1	53.3	79.9

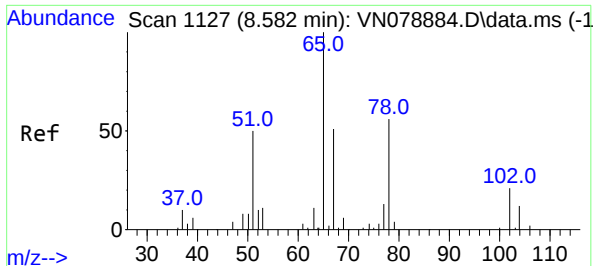


#25
2-Butanone
Concen: 6.088 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35

Tgt Ion: 43 Resp: 9211

Ion	Ratio	Lower	Upper
43	100		
72	27.4	30.2	45.2#

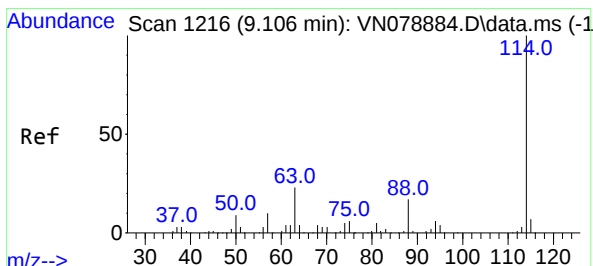
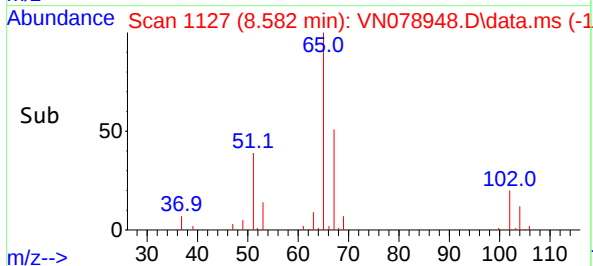
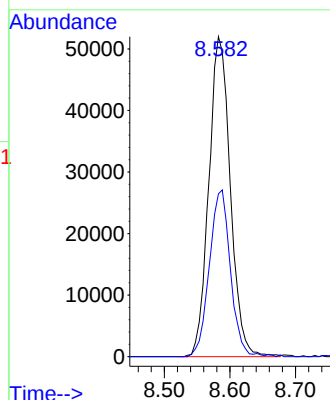
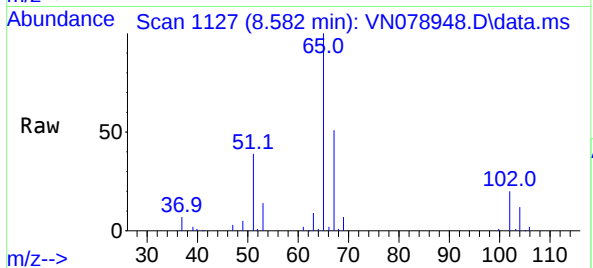




#33
1,2-Dichloroethane-d4
Concen: 51.778 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35

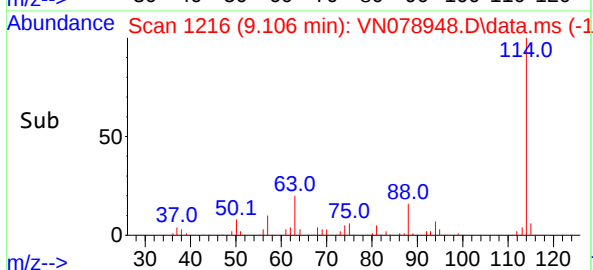
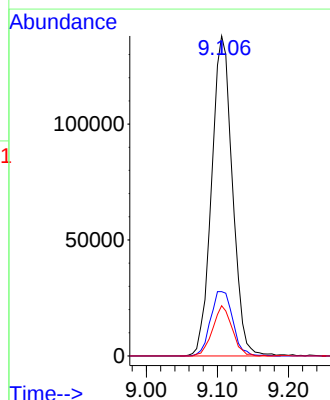
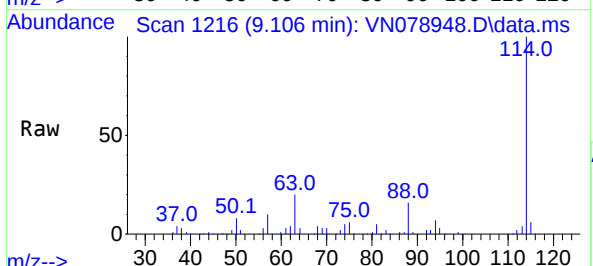
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#05

Tgt Ion: 65 Resp: 118418
Ion Ratio Lower Upper
65 100
67 50.9 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: VN078948.D
Acq: 18 Aug 2023 17:35

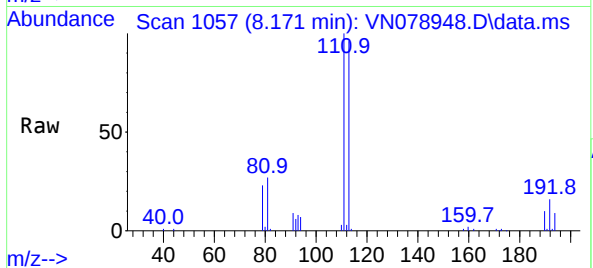
Tgt Ion: 114 Resp: 280216
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.4
88 15.7 0.0 30.6



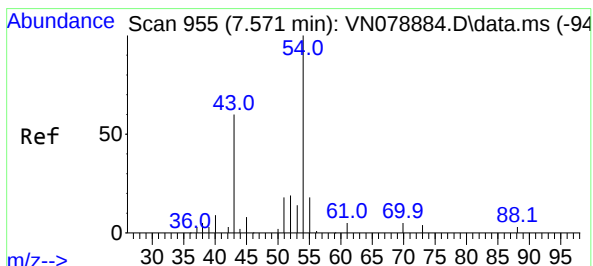
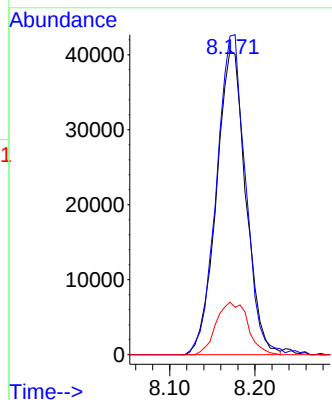
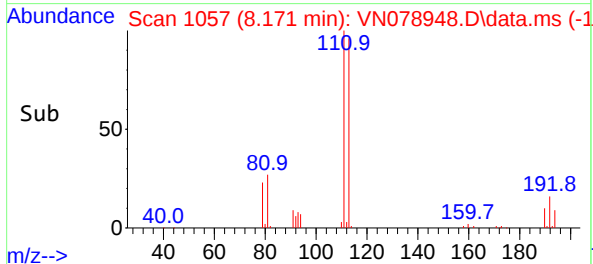


#35
Dibromofluoromethane
Concen: 51.529 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35

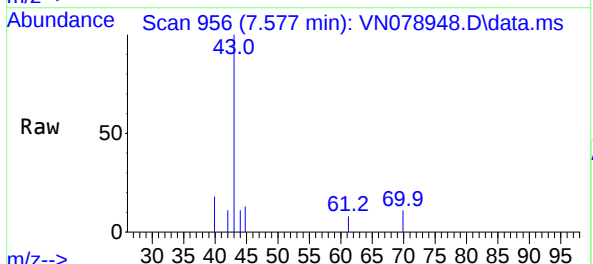
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#05



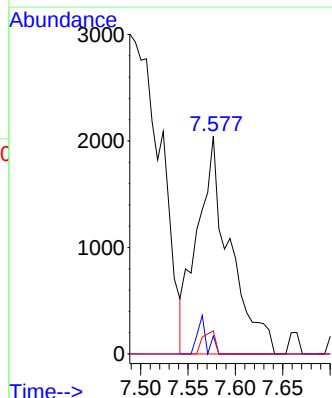
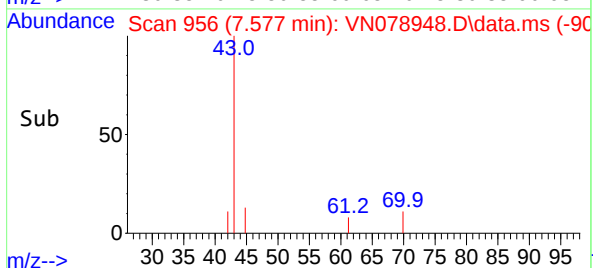
Tgt Ion:113 Resp: 97197
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 18.6 12.7 19.1

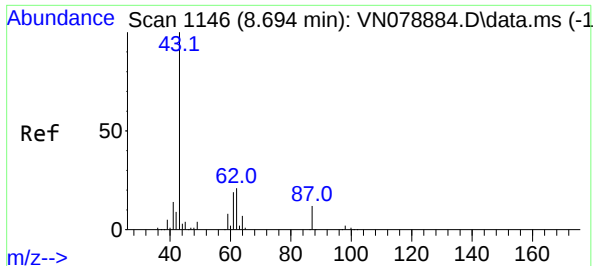


#37
Ethyl Acetate
Concen: 1.537 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35



Tgt Ion: 43 Resp: 4881
Ion Ratio Lower Upper
43 100
61 5.1 13.2 19.8#
70 4.1 11.3 16.9#

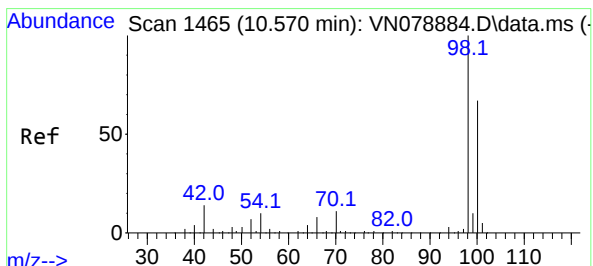
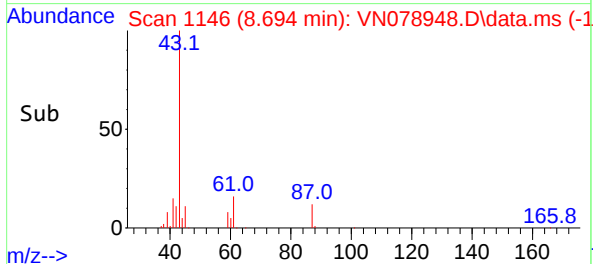
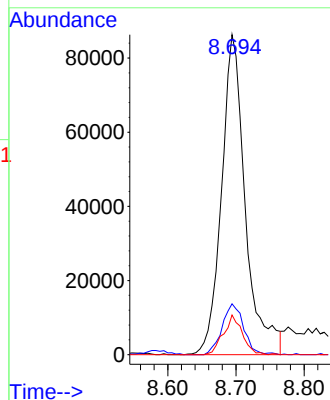
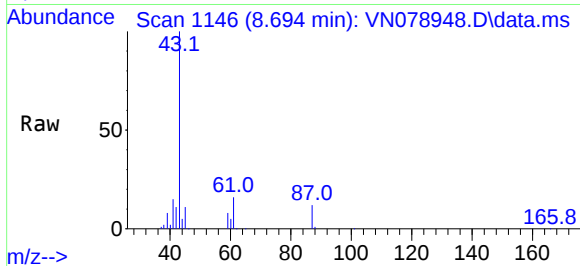




#43
Isopropyl Acetate
Concen: 37.389 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35

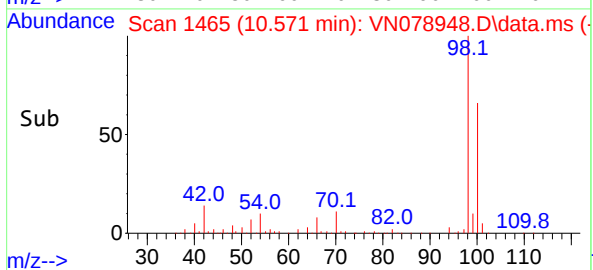
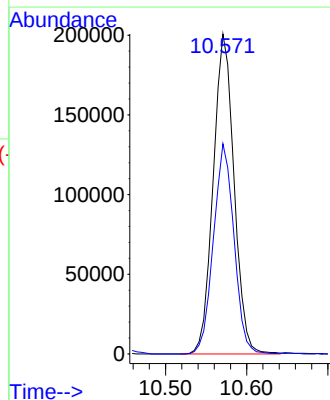
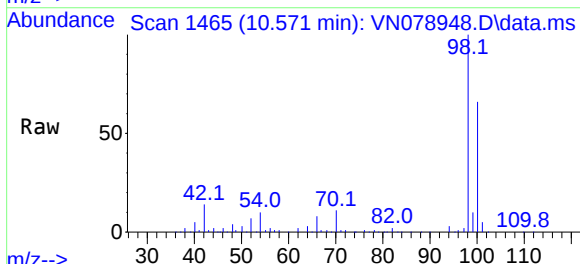
Instrument :
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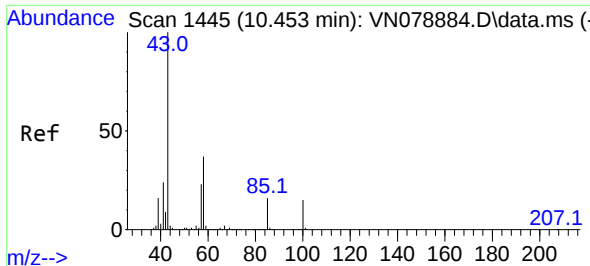
Tgt Ion: 43 Resp: 209797
Ion Ratio Lower Upper
43 100
61 14.5 24.7 37.1#
87 9.8 14.6 21.8#



#50
Toluene-d8
Concen: 51.213 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35

Tgt Ion: 98 Resp: 358691
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

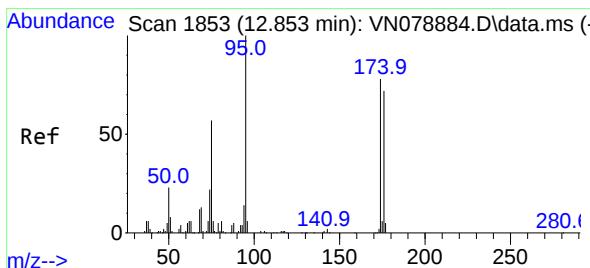
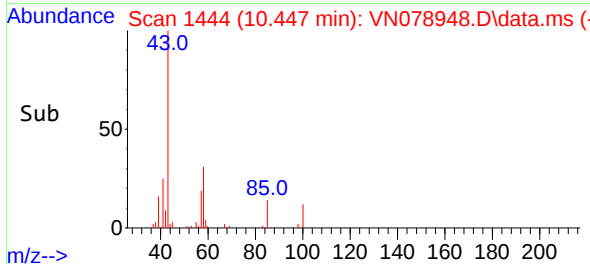
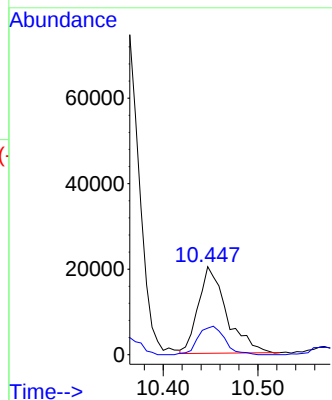
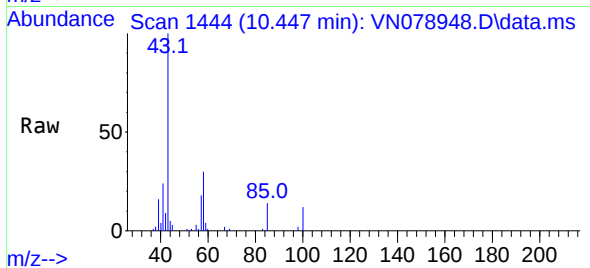




#51
4-Methyl-2-Pentanone
Concen: 12.650 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35

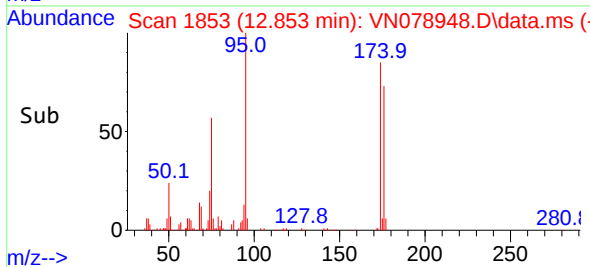
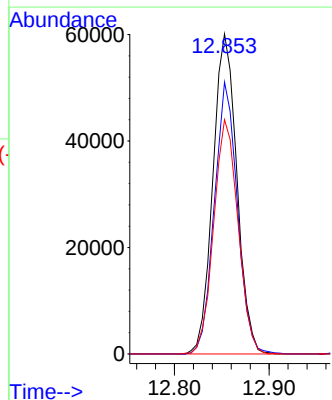
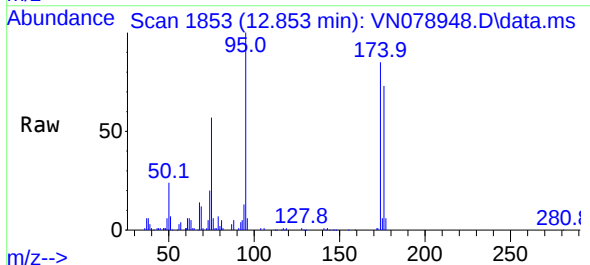
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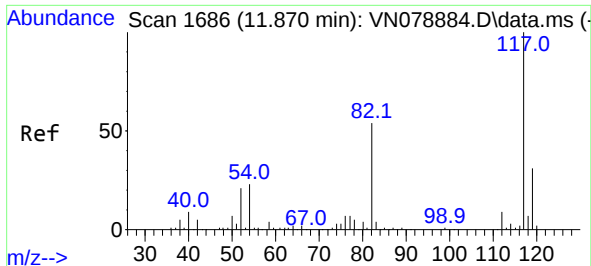
Tgt Ion: 43 Resp: 42099
Ion Ratio Lower Upper
43 100
58 31.1 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.078 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35

Tgt Ion: 95 Resp: 105485
Ion Ratio Lower Upper
95 100
174 81.9 0.0 143.8
176 74.5 0.0 135.8

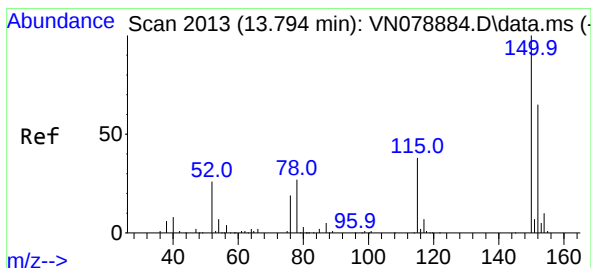
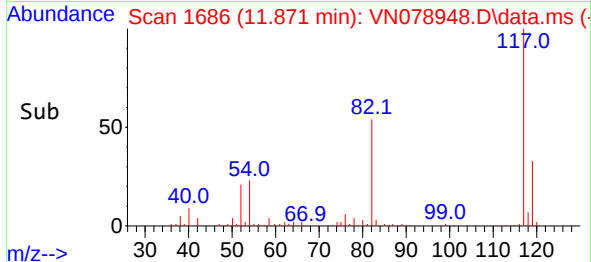
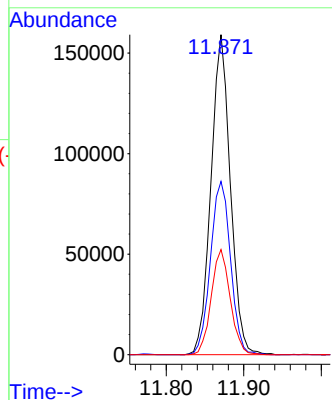
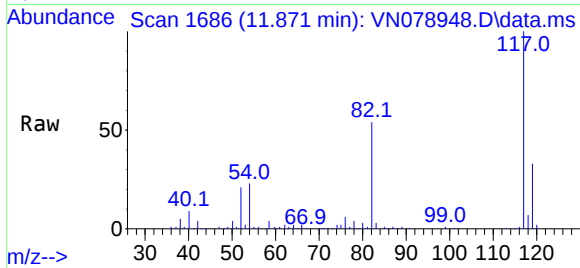




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#05

Tgt Ion:117 Resp: 276667
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN078948.D
Acq: 18 Aug 2023 17:35

Tgt Ion:152 Resp: 82965
Ion Ratio Lower Upper
152 100
115 58.5 32.3 96.8
150 153.3 0.0 355.8

