

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079918.D
 Acq On : 06 Nov 2023 13:22
 Operator : JC\MD
 Sample : PB156885ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#01

Quant Time: Nov 07 04:46:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

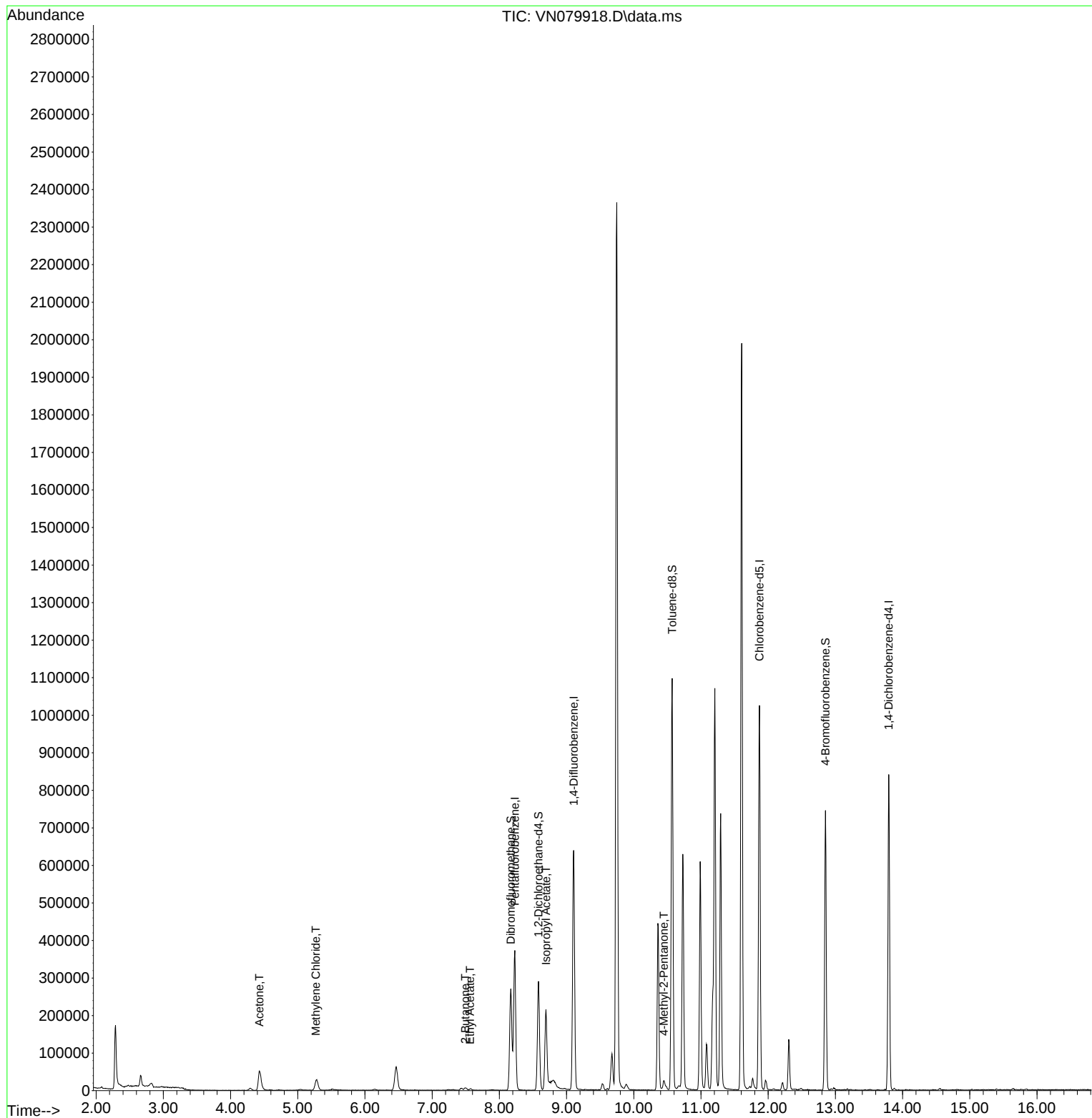
Internal Standards						
1) Pentafluorobenzene	8.229	168	255153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	571516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	231442	59.537	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 119.080%		
35) Dibromofluoromethane	8.171	113	192217	51.321	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.640%		
50) Toluene-d8	10.571	98	730338	52.969	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.940%		
62) 4-Bromofluorobenzene	12.853	95	246553	53.917	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.840%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	100425	73.546	ug/l #	87
20) Methylene Chloride	5.271	84	22330	6.481	ug/l #	83
25) 2-Butanone	7.494	43	11071	5.537	ug/l #	77
37) Ethyl Acetate	7.565	43	6237	1.272	ug/l #	81
43) Isopropyl Acetate	8.694	43	244589	28.437	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	25028	5.169	ug/l #	72

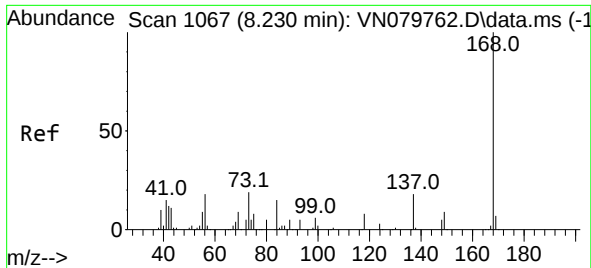
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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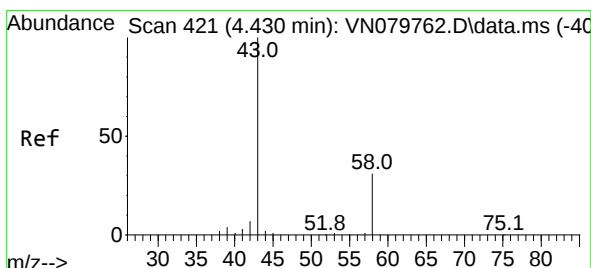
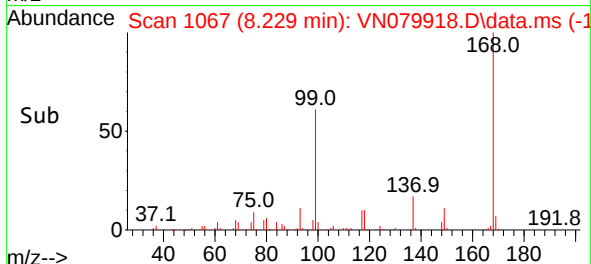
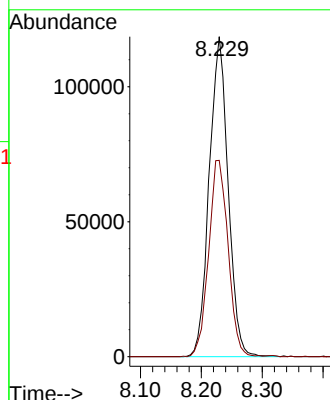
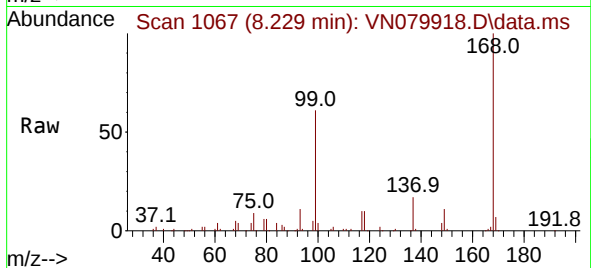




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN079918.D
Acq: 06 Nov 2023 13:22

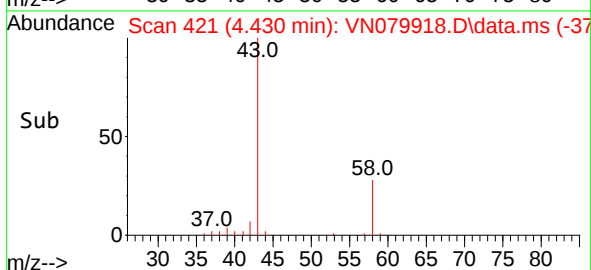
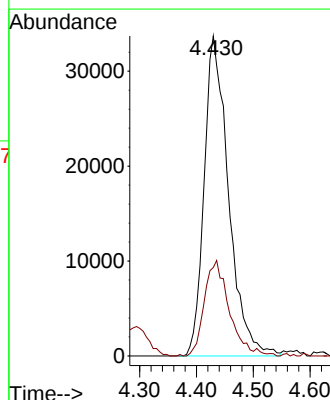
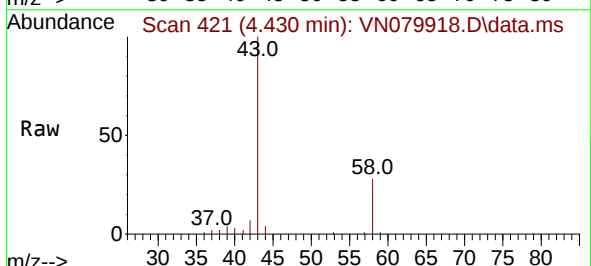
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#01

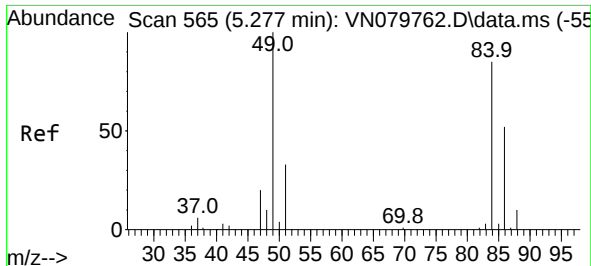
Tgt Ion:168 Resp: 255153
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#16
Acetone
Concen: 73.546 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079918.D
Acq: 06 Nov 2023 13:22

Tgt Ion: 43 Resp: 100425
Ion Ratio Lower Upper
43 100
58 27.6 28.0 42.0#

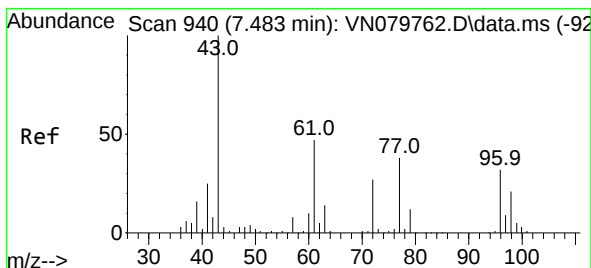
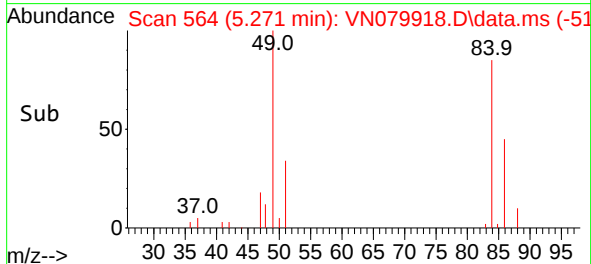
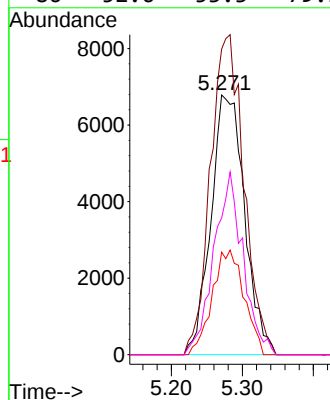
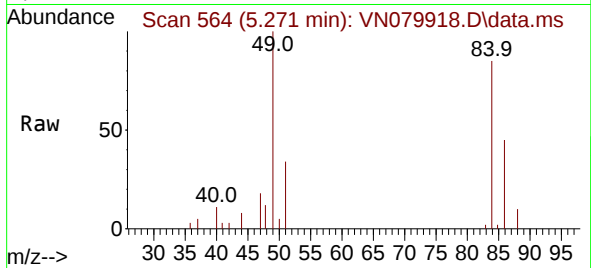




#20
Methylene Chloride
Concen: 6.481 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN079918.D
Acq: 06 Nov 2023 13:22

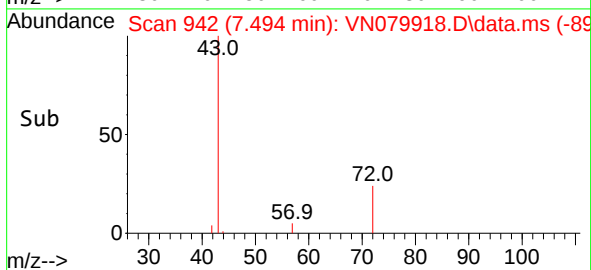
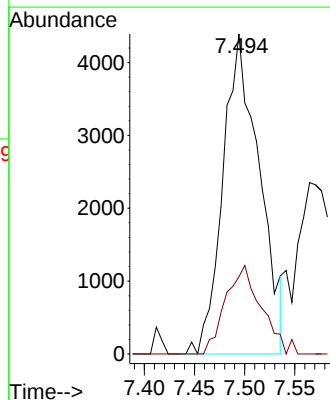
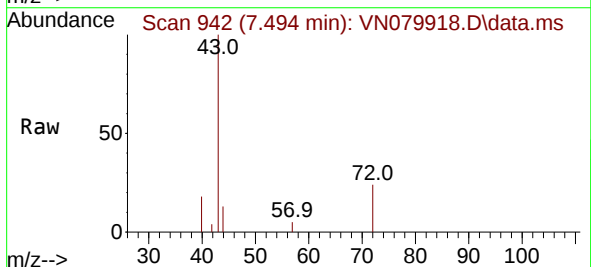
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#01

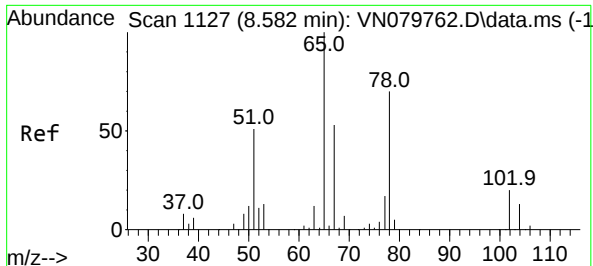
Tgt Ion:	84	Resp:	22330
Ion	Ratio	Lower	Upper
84	100		
49	117.7	79.7	119.5
51	39.5	25.2	37.8#
86	52.6	53.3	79.9#



#25
2-Butanone
Concen: 5.537 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079918.D
Acq: 06 Nov 2023 13:22

Tgt Ion:	43	Resp:	11071
Ion	Ratio	Lower	Upper
43	100		
72	24.2	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 59.537 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079918.D

Acq: 06 Nov 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

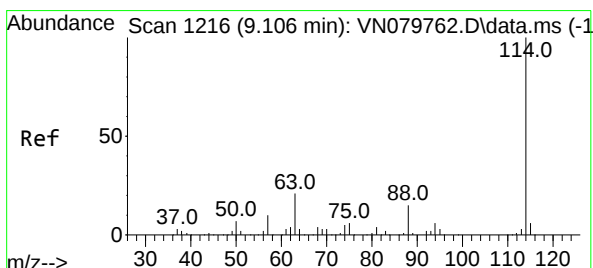
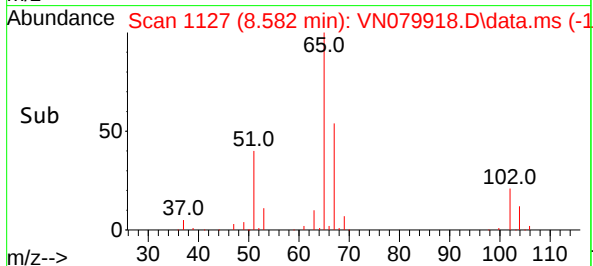
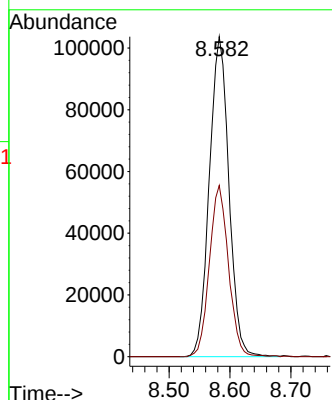
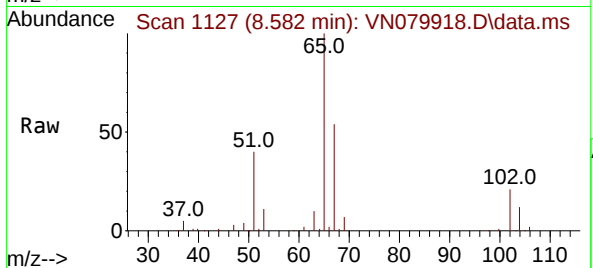
PB156885ZHE#01

Tgt Ion: 65 Resp: 231442

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079918.D

Acq: 06 Nov 2023 13:22

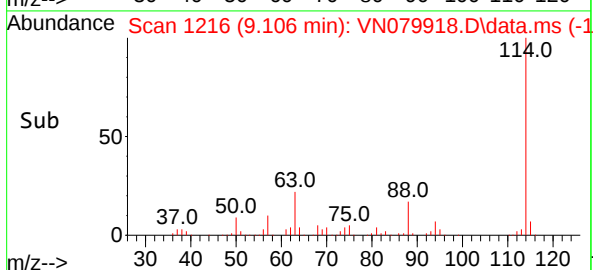
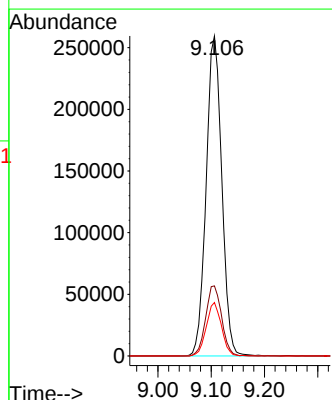
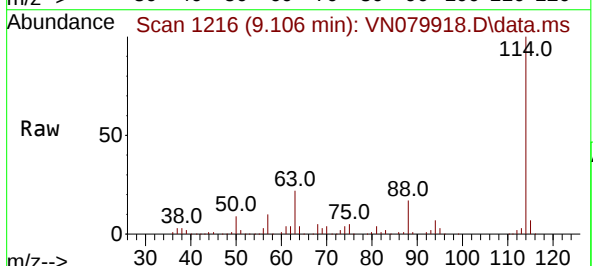
Tgt Ion: 114 Resp: 529184

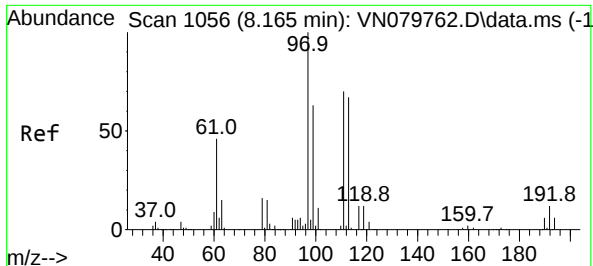
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.321 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN079918.D

Acq: 06 Nov 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#01

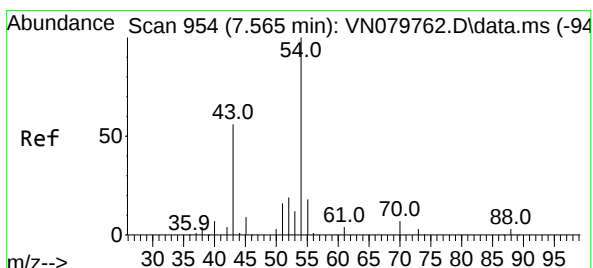
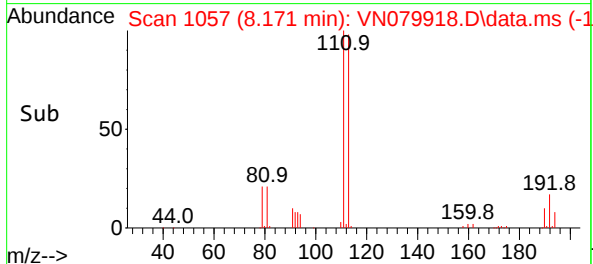
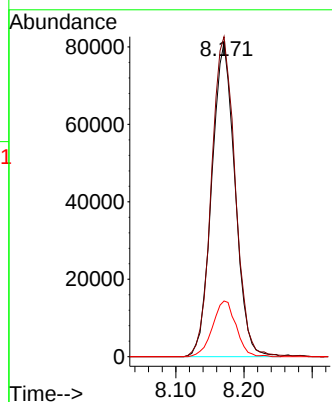
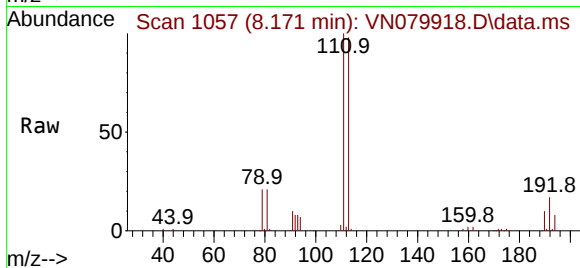
Tgt Ion:113 Resp: 192217

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 18.0 12.7 19.1



#37

Ethyl Acetate

Concen: 1.272 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.000 min

Lab File: VN079918.D

Acq: 06 Nov 2023 13:22

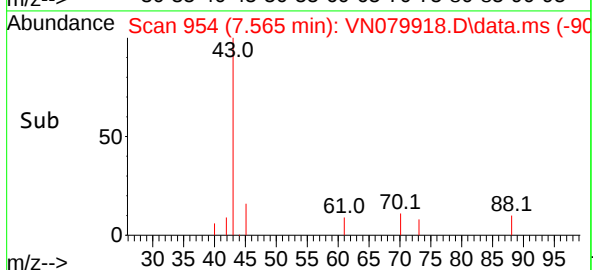
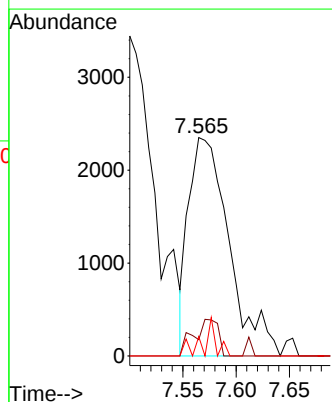
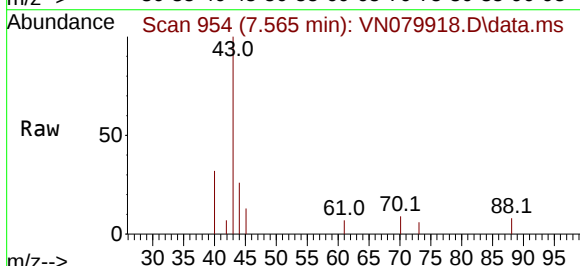
Tgt Ion: 43 Resp: 6237

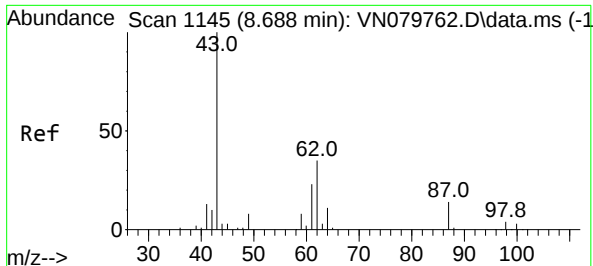
Ion Ratio Lower Upper

43 100

61 10.1 13.2 19.8#

70 4.4 11.3 16.9#

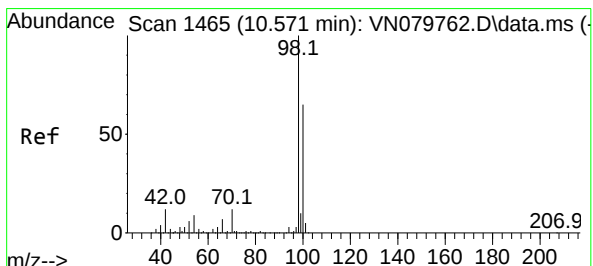
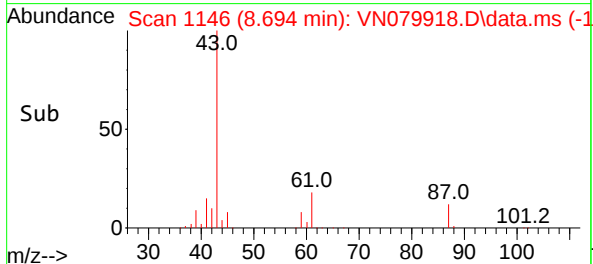
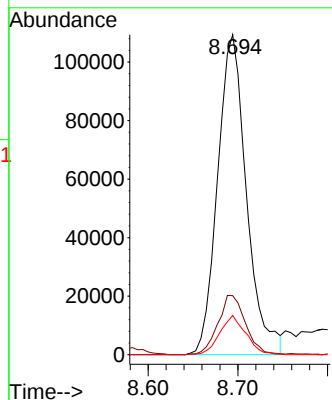
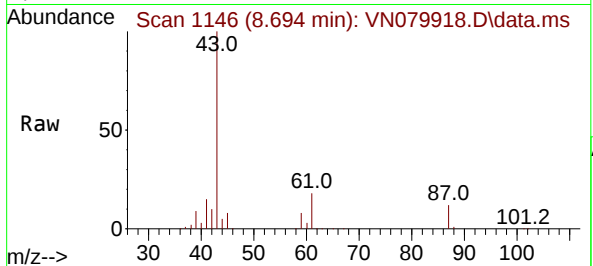




#43
Isopropyl Acetate
Concen: 28.437 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079918.D
Acq: 06 Nov 2023 13:22

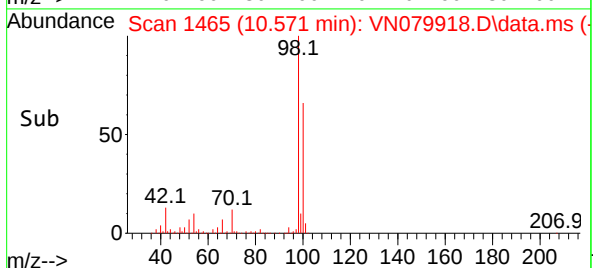
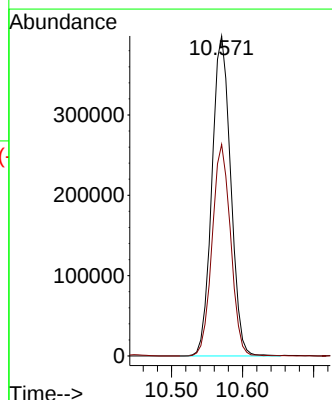
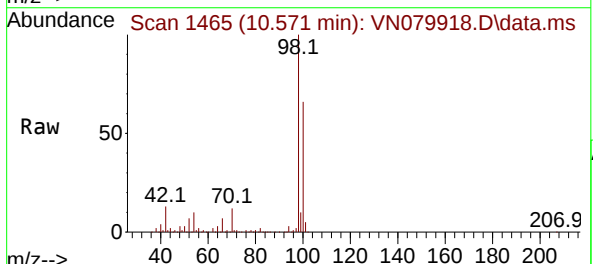
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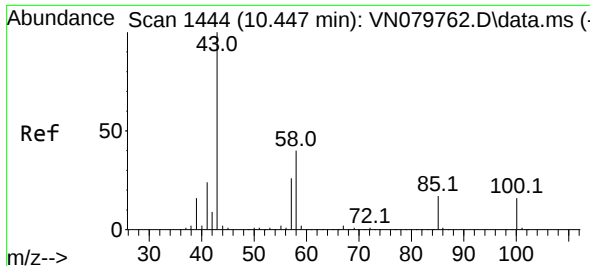
Tgt Ion: 43 Resp: 244589
Ion Ratio Lower Upper
43 100
61 17.7 24.7 37.1#
87 11.0 14.6 21.8#



#50
Toluene-d8
Concen: 52.969 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079918.D
Acq: 06 Nov 2023 13:22

Tgt Ion: 98 Resp: 730338
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

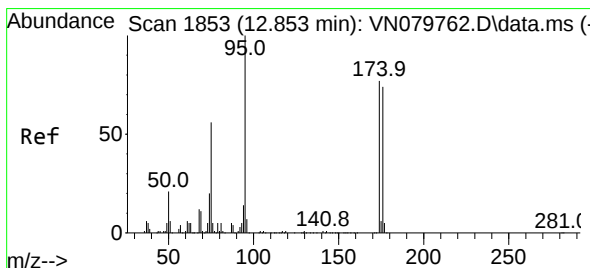
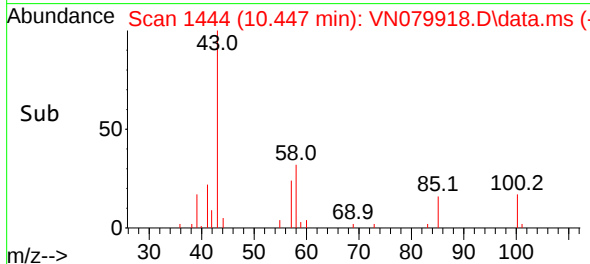
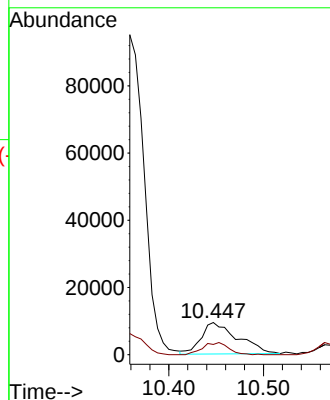
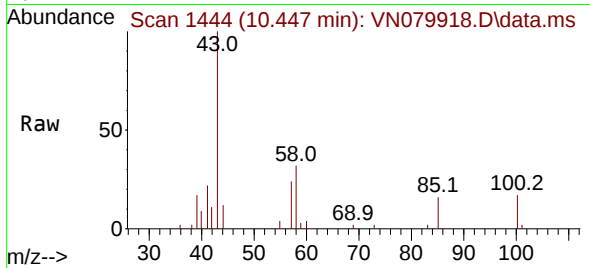




#51
4-Methyl-2-Pentanone
Concen: 5.169 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079918.D
Acq: 06 Nov 2023 13:22

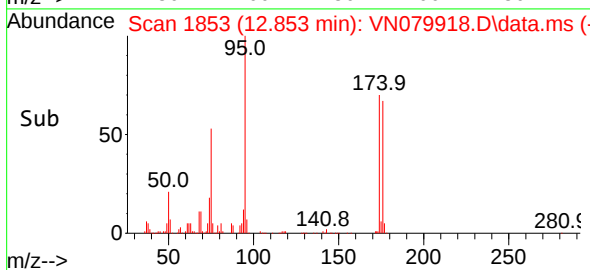
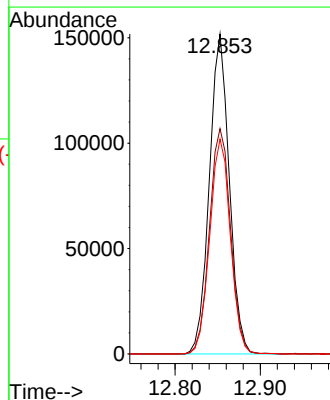
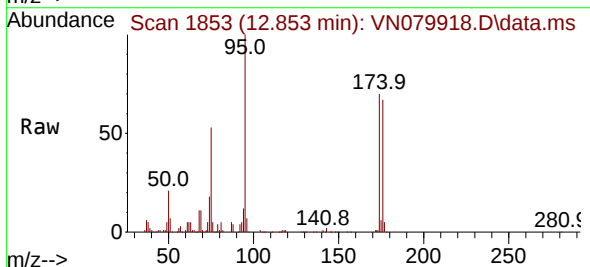
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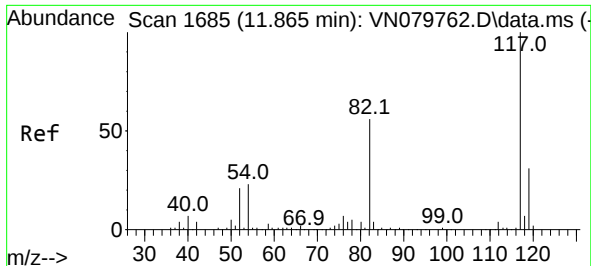
Tgt Ion: 43 Resp: 25028
Ion Ratio Lower Upper
43 100
58 27.4 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 53.917 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079918.D
Acq: 06 Nov 2023 13:22

Tgt Ion: 95 Resp: 246553
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 69.7 0.0 135.8

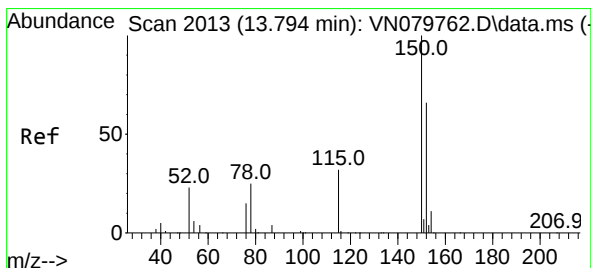
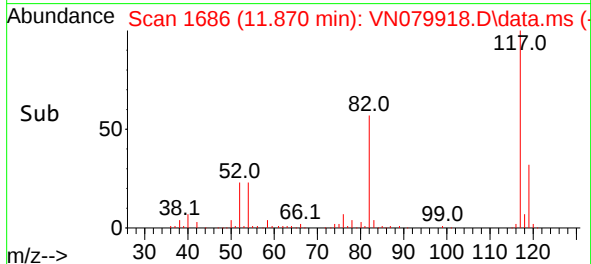
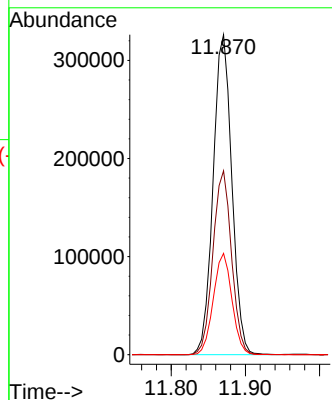
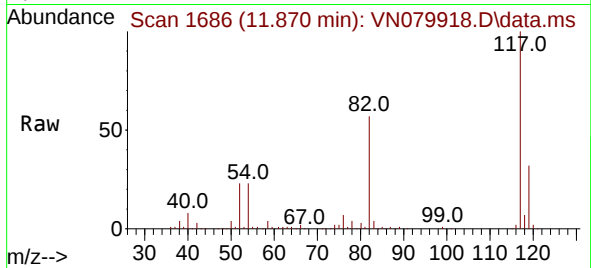




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079918.D
Acq: 06 Nov 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 571516
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 31.7 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: VN079918.D
Acq: 06 Nov 2023 13:22

Tgt Ion:152 Resp: 213280
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 158.9 0.0 355.8

