

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079917.D
 Acq On : 06 Nov 2023 12:58
 Operator : JC\MD
 Sample : PB156885TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885TB

Quant Time: Nov 07 04:45:52 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)

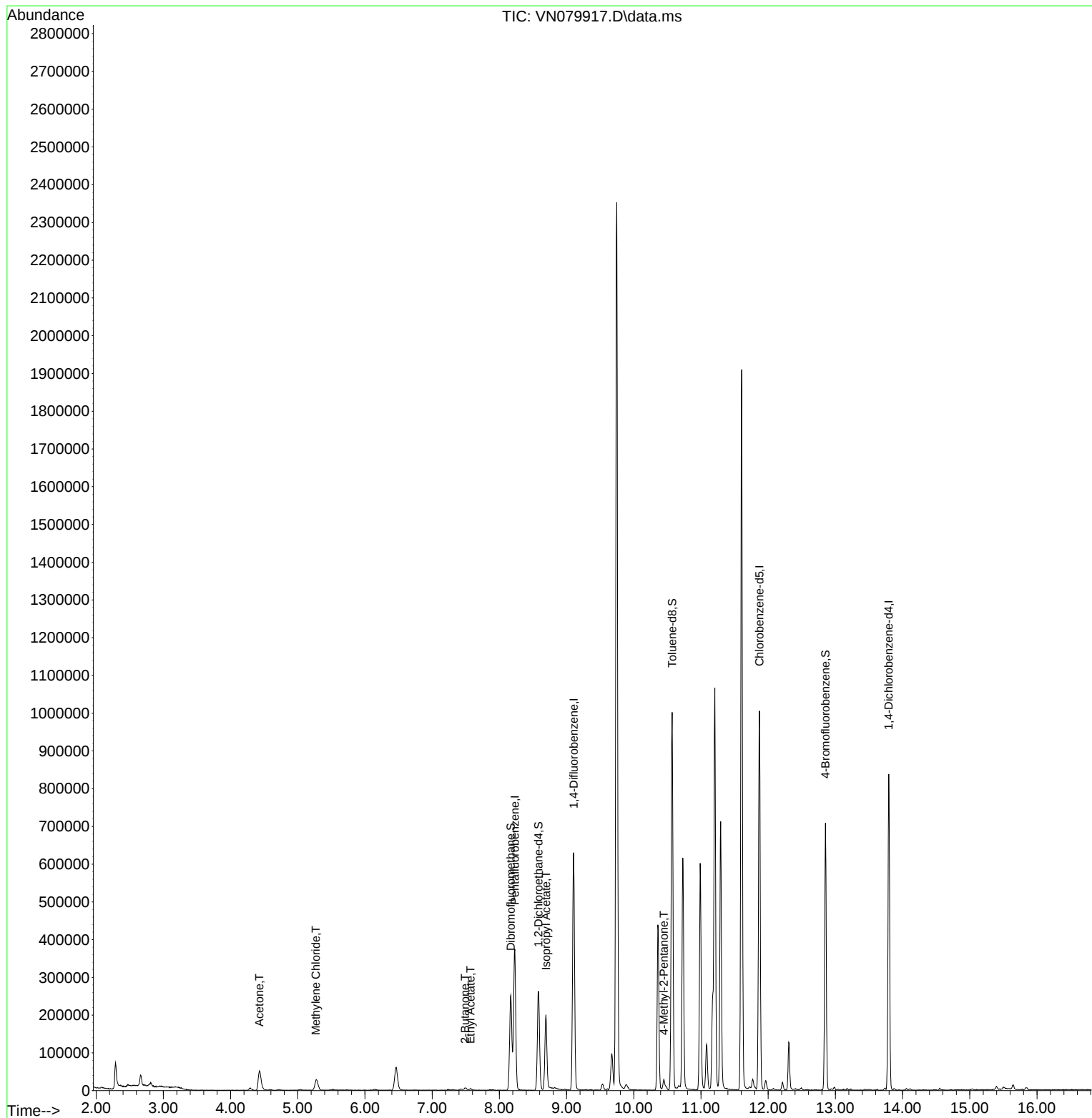
Internal Standards						
1) Pentafluorobenzene	8.229	168	262684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	564058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	219981	54.967	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.940%		
35) Dibromofluoromethane	8.171	113	181607	48.873	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.740%		
50) Toluene-d8	10.571	98	675420	49.375	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.740%		
62) 4-Bromofluorobenzene	12.853	95	234357	51.657	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.320%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	102212	72.709	ug/l	90
20) Methylene Chloride	5.271	84	21805	6.147	ug/l #	77
25) 2-Butanone	7.488	43	10582	5.141	ug/l #	64
37) Ethyl Acetate	7.571	43	6945	1.427	ug/l #	83
43) Isopropyl Acetate	8.694	43	227096	26.613	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	24916	5.186	ug/l #	76

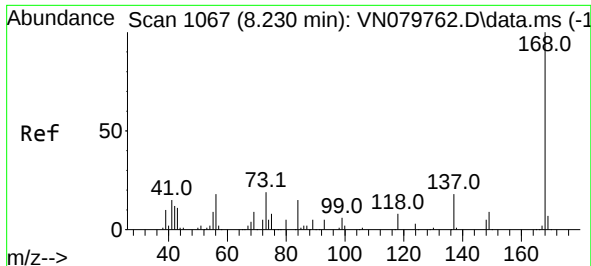
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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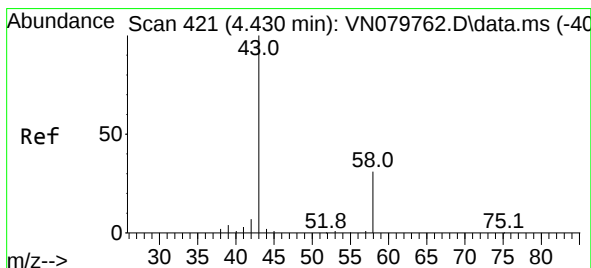
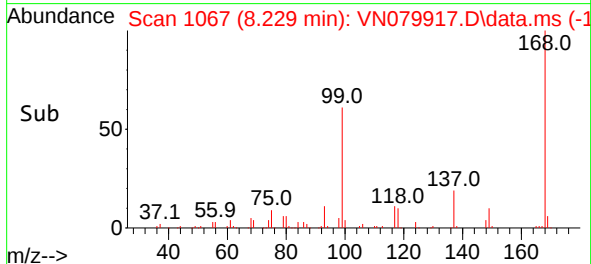
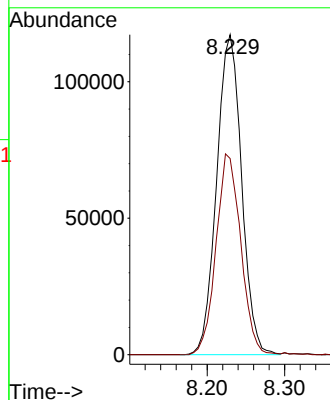
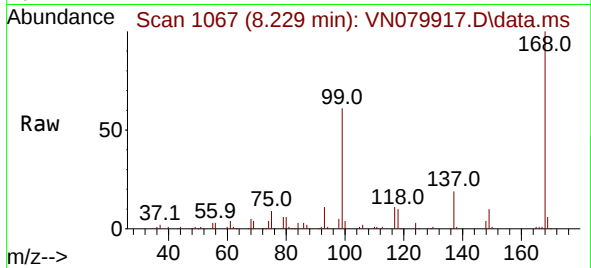




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

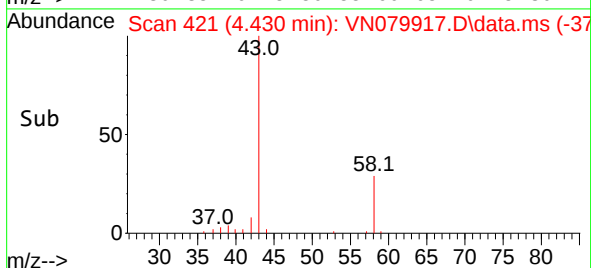
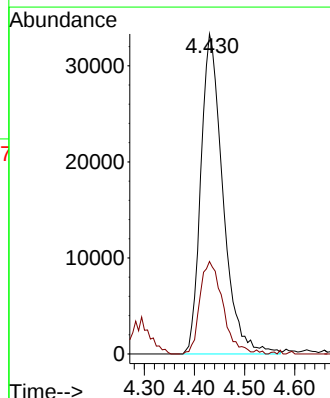
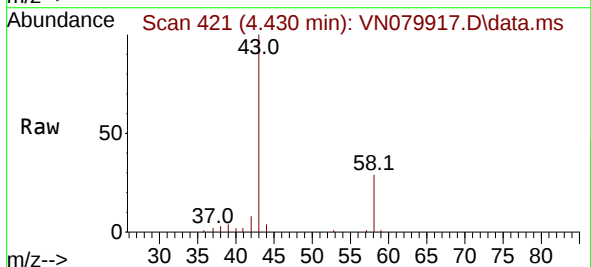
Instrument :
MSVOA_N
ClientSampleId :
PB156885TB

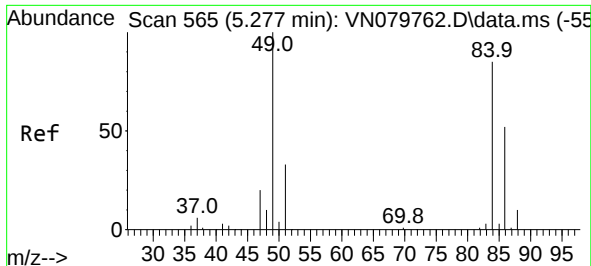
Tgt Ion:168 Resp: 262684
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#16
Acetone
Concen: 72.709 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion: 43 Resp: 102212
Ion Ratio Lower Upper
43 100
58 28.9 28.0 42.0

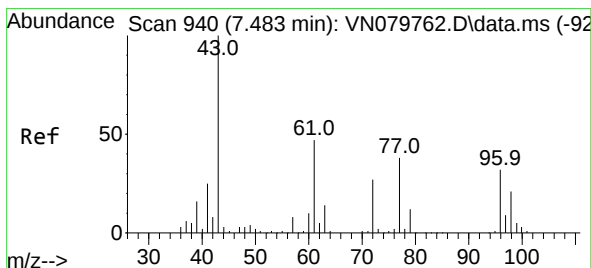
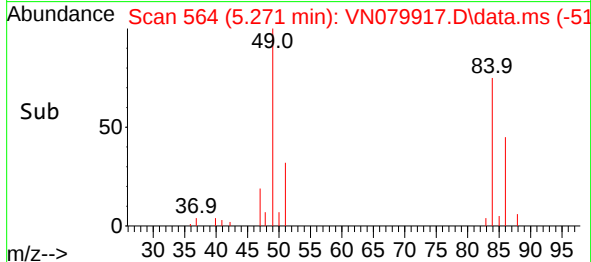
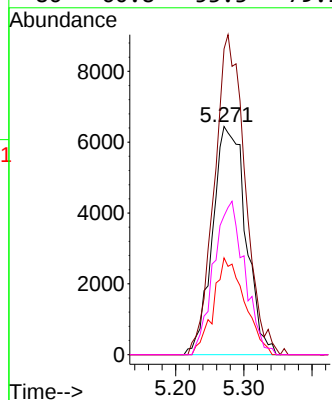
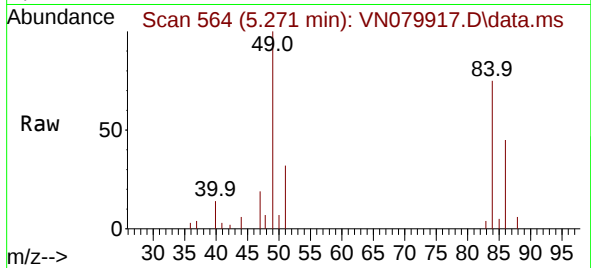




#20
Methylene Chloride
Concen: 6.147 ug/l
RT: 5.271 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

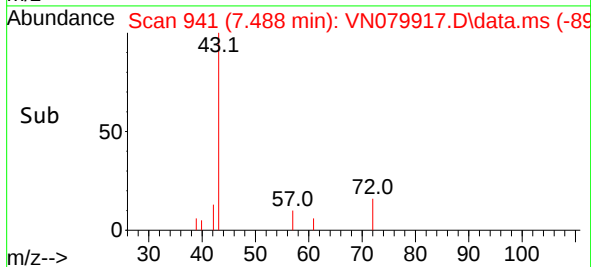
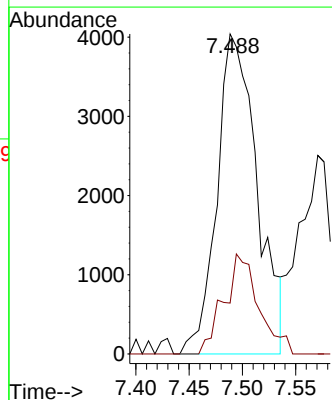
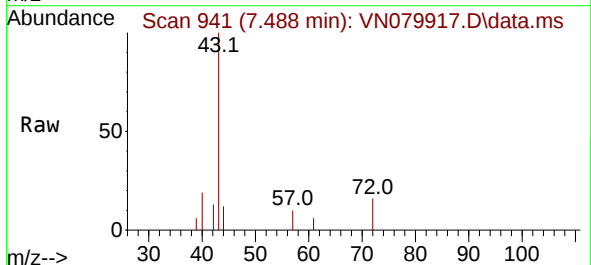
Instrument :
MSVOA_N
ClientSampleId :
PB156885TB

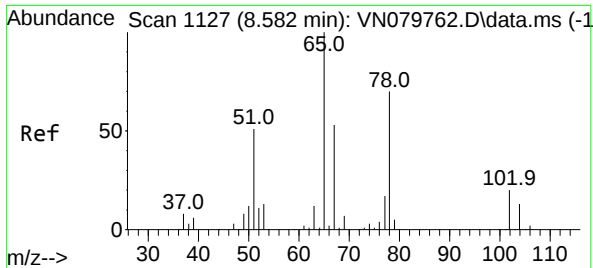
Tgt Ion:	84	Resp:	21805
Ion	Ratio	Lower	Upper
84	100		
49	134.0	79.7	119.5#
51	42.4	25.2	37.8#
86	60.8	53.3	79.9



#25
2-Butanone
Concen: 5.141 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion:	43	Resp:	10582
Ion	Ratio	Lower	Upper
43	100		
72	15.9	30.2	45.2#

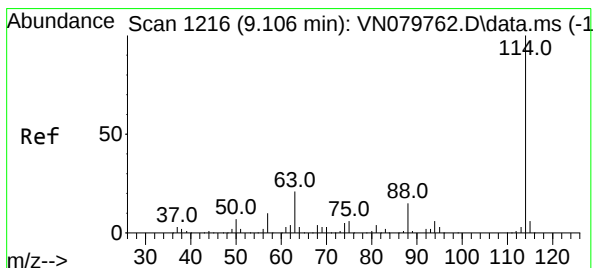
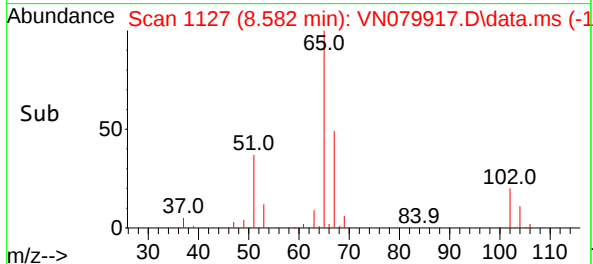
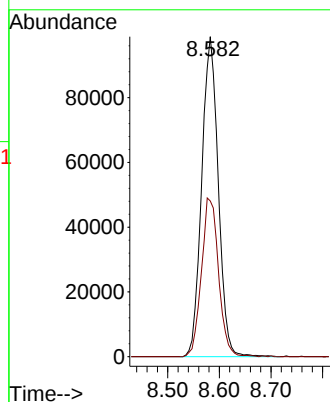
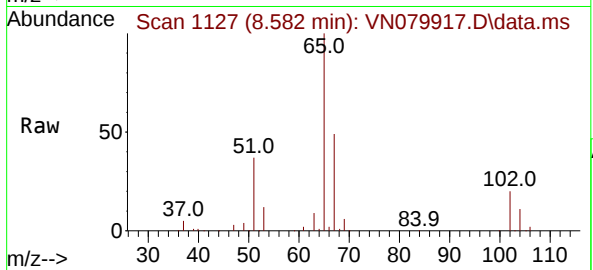




#33
 1,2-Dichloroethane-d4
 Concen: 54.967 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079917.D
 Acq: 06 Nov 2023 12:58

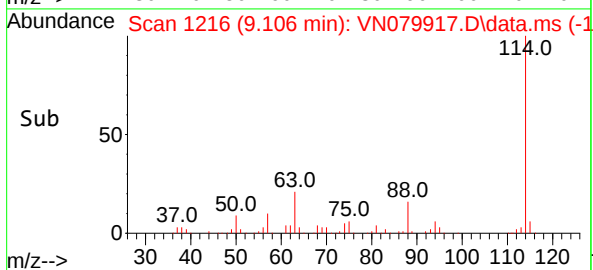
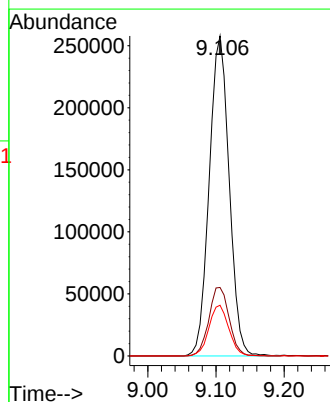
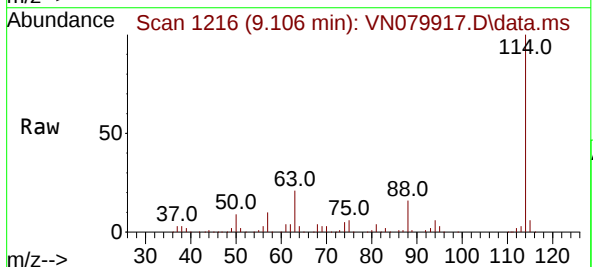
Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885TB

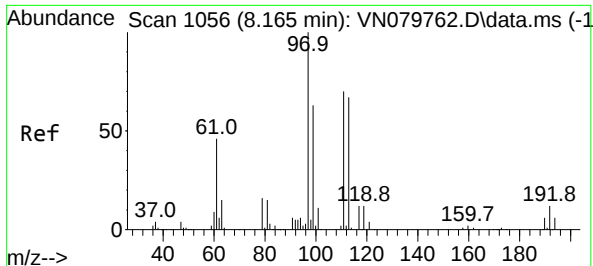
Tgt Ion: 65 Resp: 219981
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079917.D
 Acq: 06 Nov 2023 12:58

Tgt Ion: 114 Resp: 525021
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 36.4
 88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.873 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB156885TB

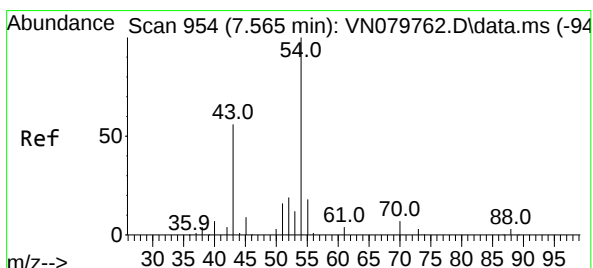
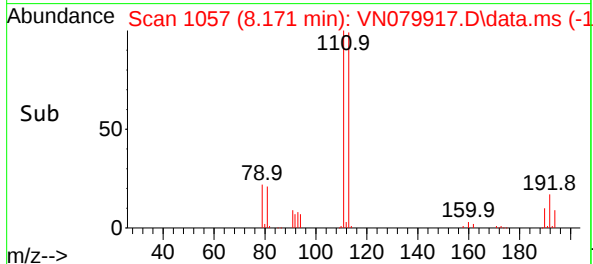
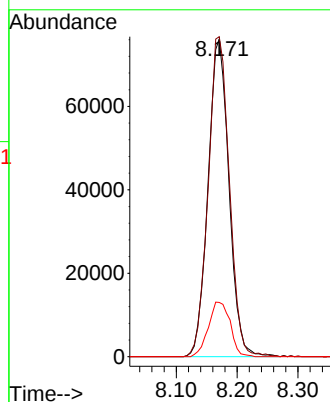
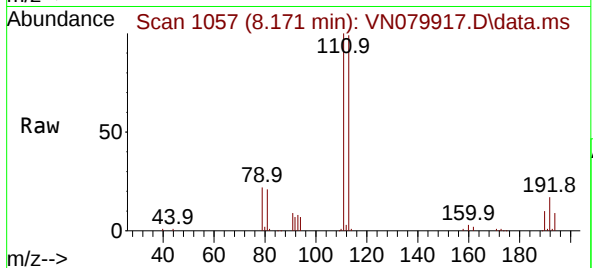
Tgt Ion:113 Resp: 181607

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 18.0 12.7 19.1



#37

Ethyl Acetate

Concen: 1.427 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

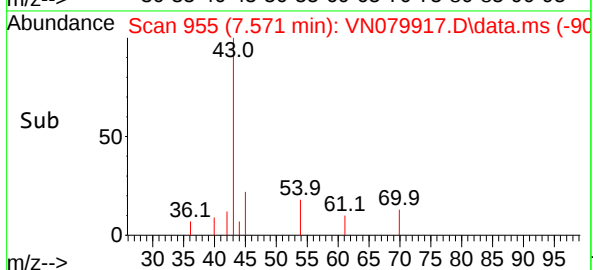
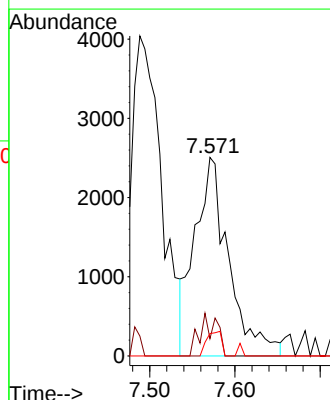
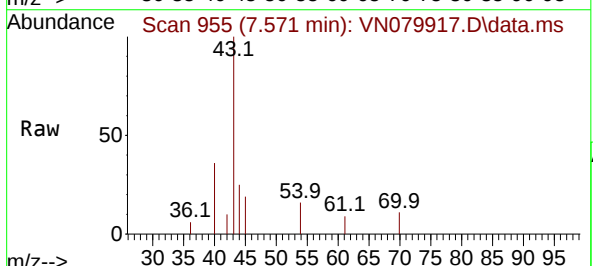
Tgt Ion: 43 Resp: 6945

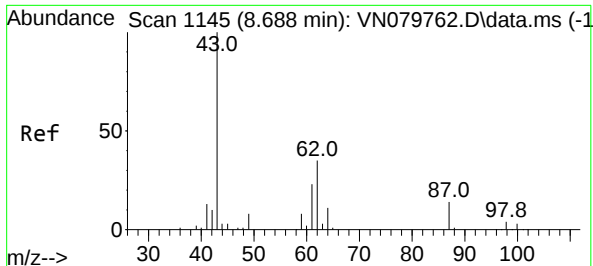
Ion Ratio Lower Upper

43 100

61 10.7 13.2 19.8#

70 5.4 11.3 16.9#





#43

Isopropyl Acetate

Concen: 26.613 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079917.D

Acq: 06 Nov 2023 12:58

Instrument :

MSVOA_N

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PB156885TB

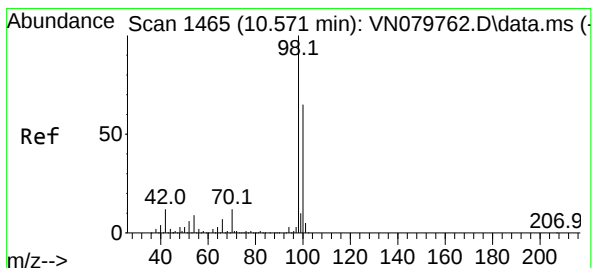
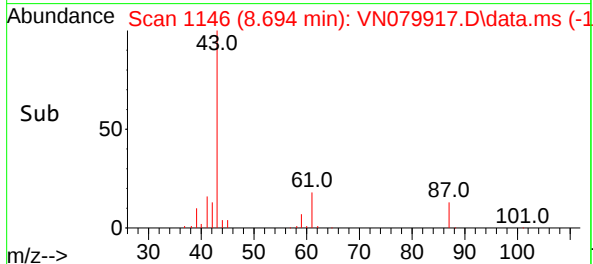
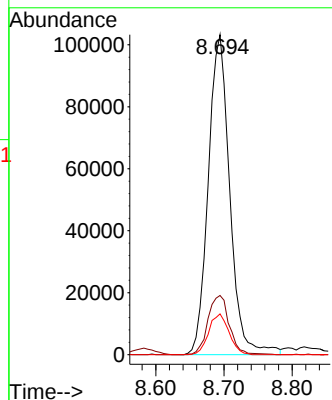
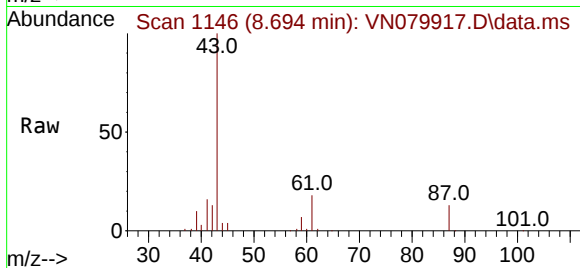
Tgt Ion: 43 Resp: 227096

Ion Ratio Lower Upper

43 100

61 18.3 24.7 37.1#

87 12.0 14.6 21.8#



#50

Toluene-d8

Concen: 49.375 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079917.D

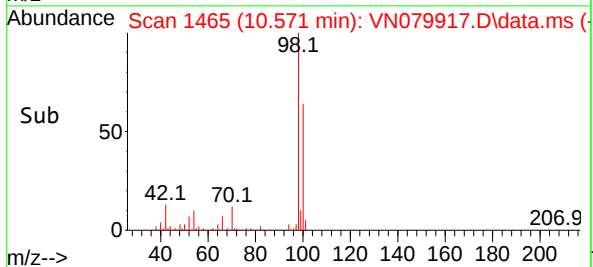
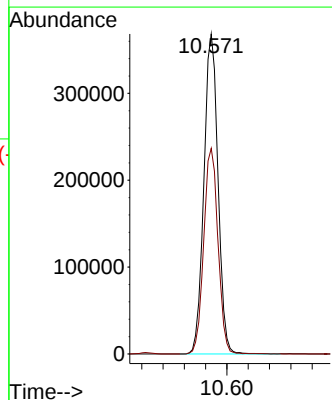
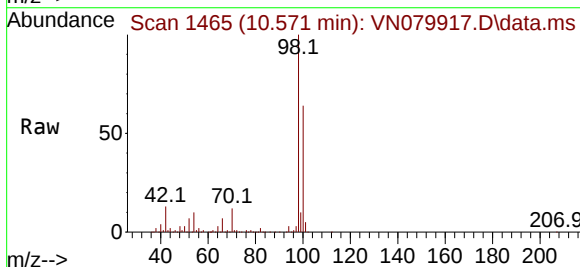
Acq: 06 Nov 2023 12:58

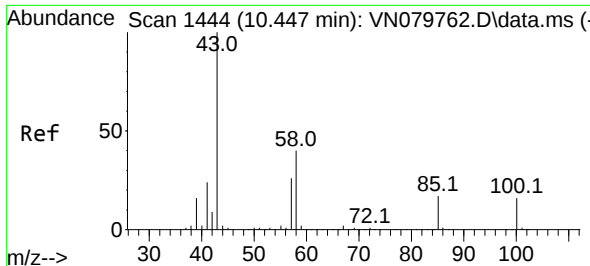
Tgt Ion: 98 Resp: 675420

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

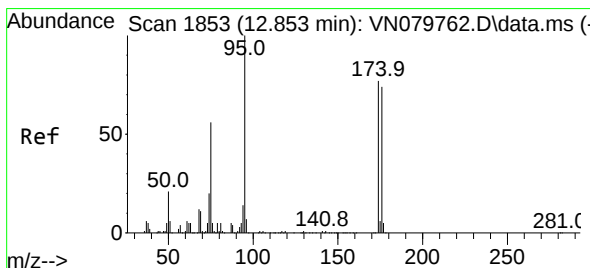
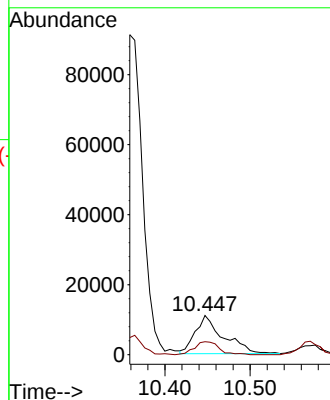
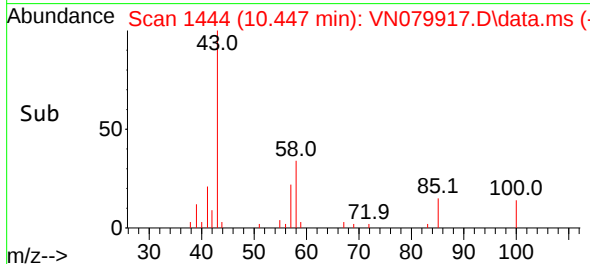
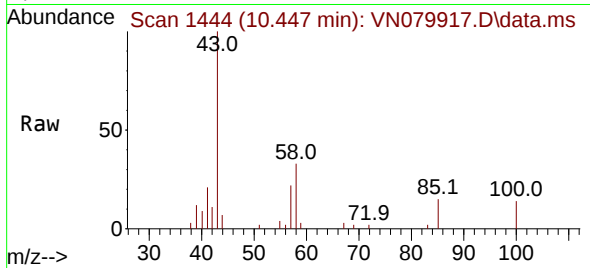




#51
4-Methyl-2-Pentanone
Concen: 5.186 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

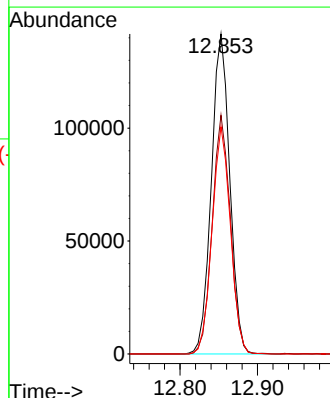
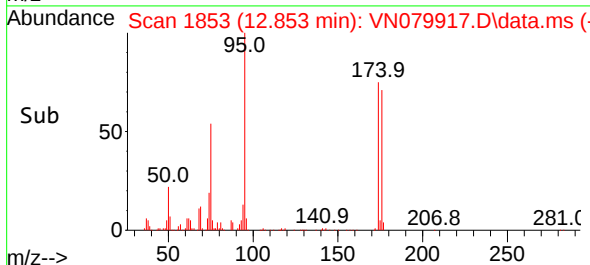
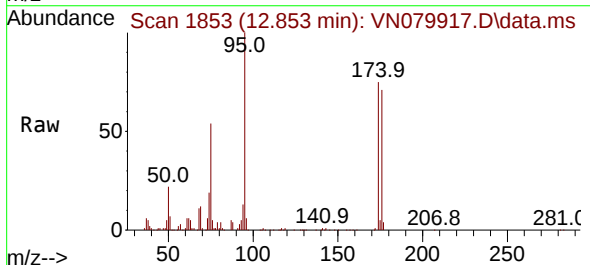
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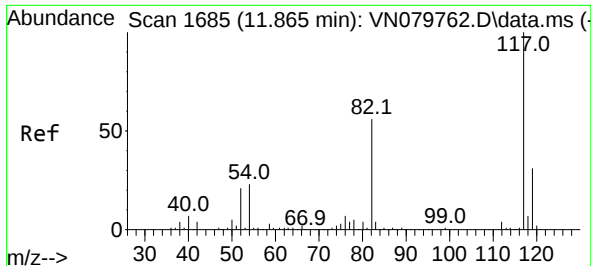
Tgt Ion: 43 Resp: 24916
Ion Ratio Lower Upper
43 100
58 29.9 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 51.657 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion: 95 Resp: 234357
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 70.6 0.0 135.8

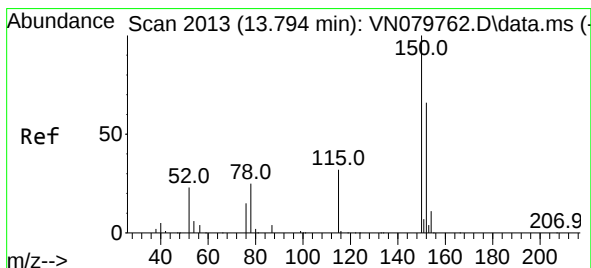
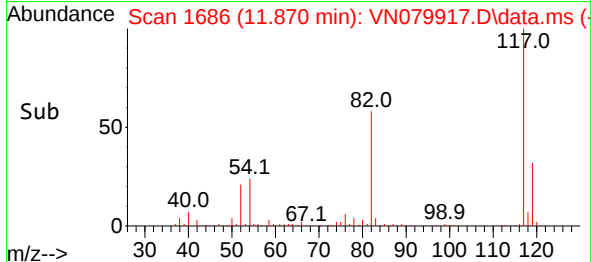
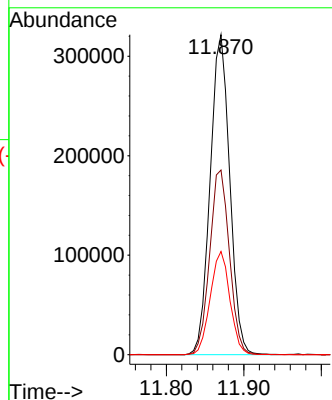
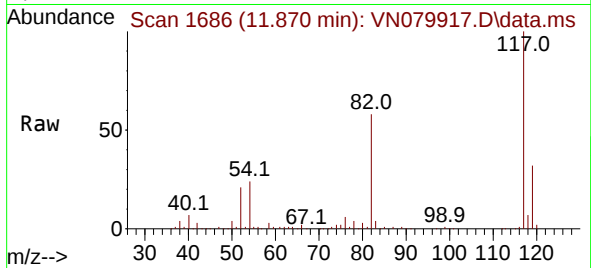




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079917.D
Acq: 06 Nov 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
PB156885TB

Tgt Ion:117 Resp: 564058
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 32.3 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: VN079917.D
Acq: 06 Nov 2023 12:58

Tgt Ion:152 Resp: 212290
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 159.6 0.0 355.8

