

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
 Data File : VN079319.D
 Acq On : 21 Sep 2023 12:23
 Operator : JC\MD
 Sample : 04501-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Sep 22 02:29:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

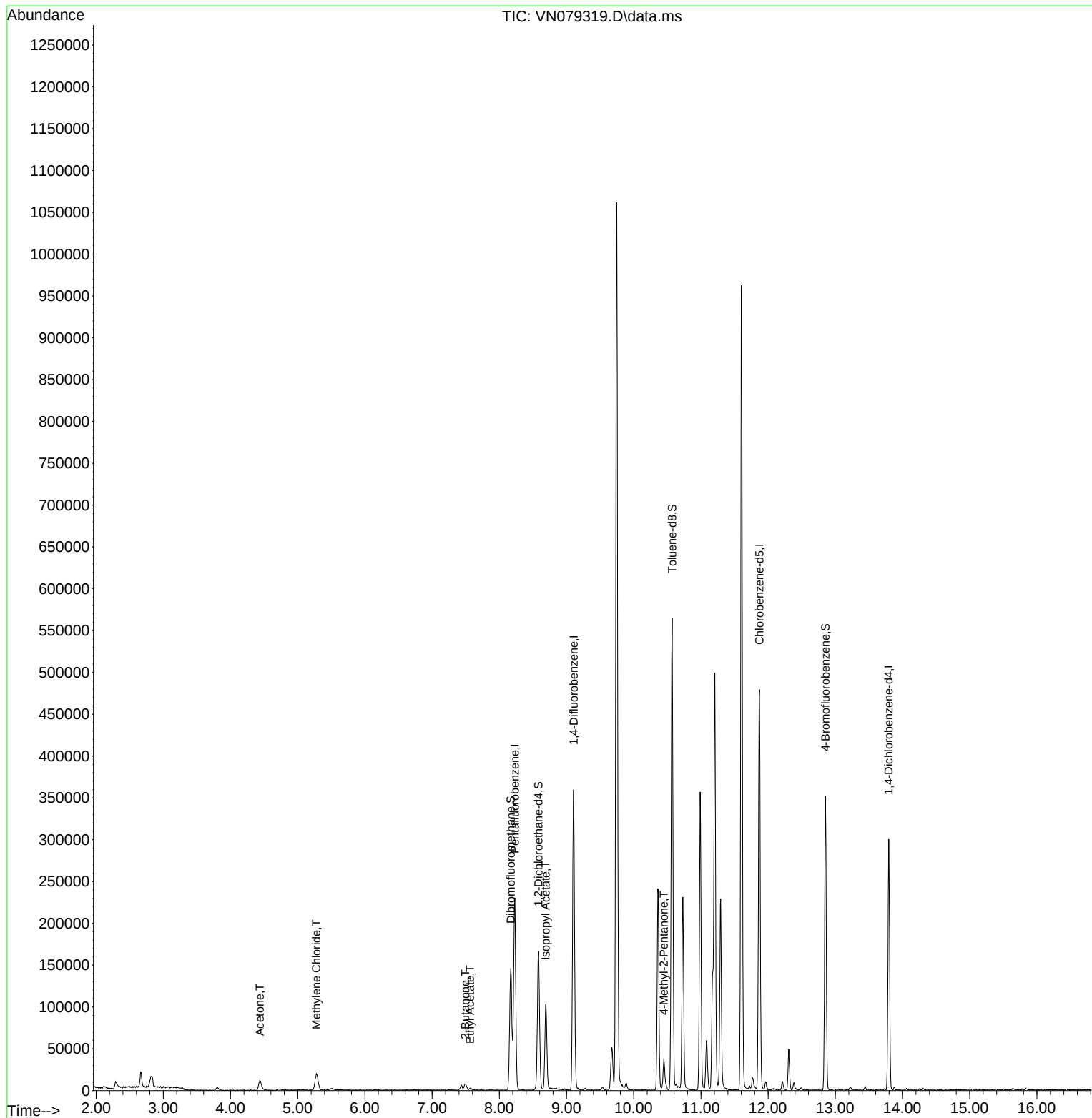
Internal Standards						
1) Pentafluorobenzene	8.230	168	158557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	275588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135703	63.402	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 126.800%#		
35) Dibromofluoromethane	8.171	113	103852	52.690	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.380%		
50) Toluene-d8	10.571	98	381988	52.781	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.560%		
62) 4-Bromofluorobenzene	12.853	95	115492	50.029	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.060%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	23293	25.624	ug/l	91
20) Methylene Chloride	5.277	84	14983	6.773	ug/l #	75
25) 2-Butanone	7.494	43	12916	9.793	ug/l #	73
37) Ethyl Acetate	7.565	43	4467	1.474	ug/l #	75
43) Isopropyl Acetate	8.688	43	114035	23.064	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	27949	9.738	ug/l #	82

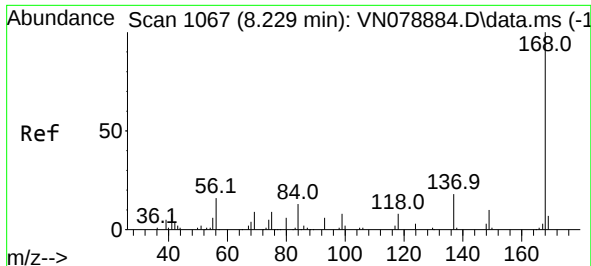
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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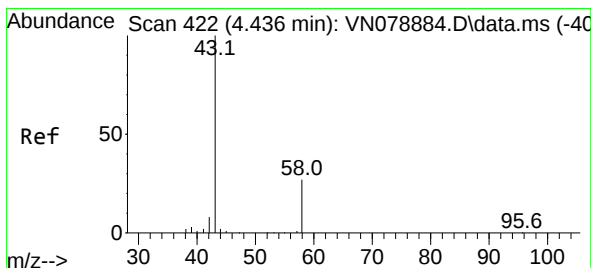
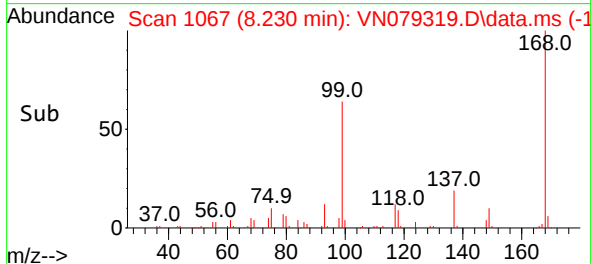
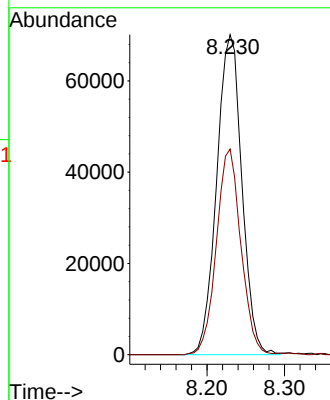
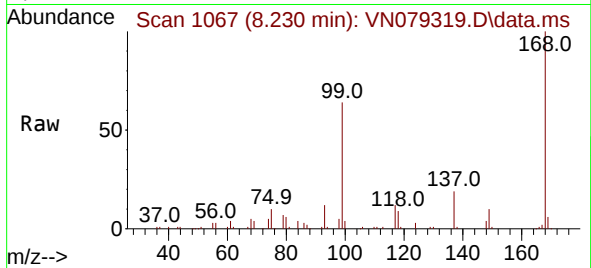




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079319.D
Acq: 21 Sep 2023 12:23

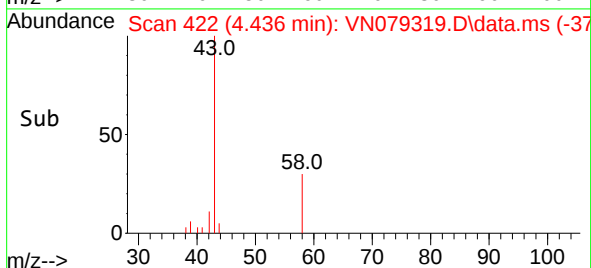
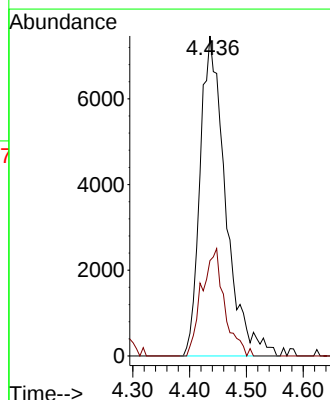
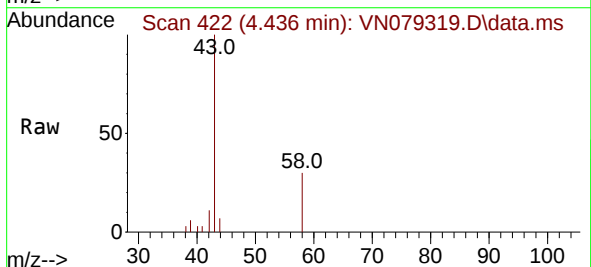
Instrument :
MSVOA_N
ClientSampleId :
TP-1

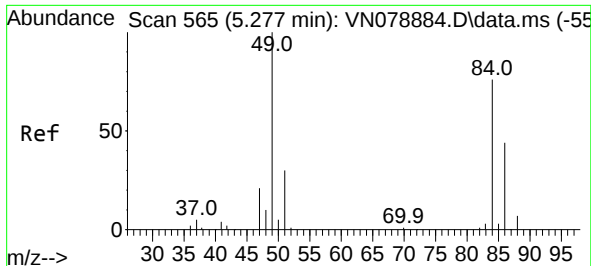
Tgt Ion:168 Resp: 158557
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6



#16
Acetone
Concen: 25.624 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079319.D
Acq: 21 Sep 2023 12:23

Tgt Ion: 43 Resp: 23293
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0

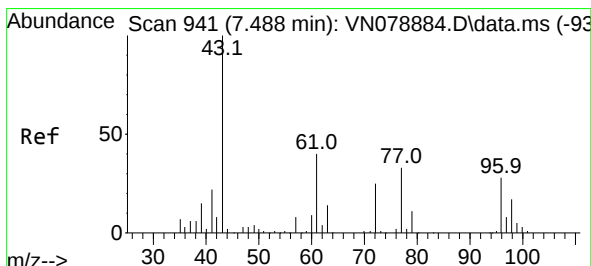
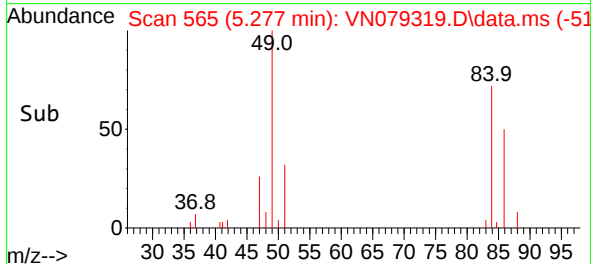
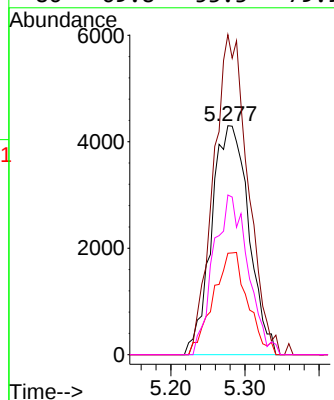
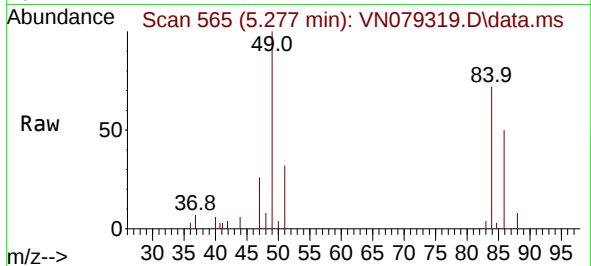




#20
Methylene Chloride
Concen: 6.773 ug/l
RT: 5.277 min Scan# 501
Delta R.T. -0.006 min
Lab File: VN079319.D
Acq: 21 Sep 2023 12:23

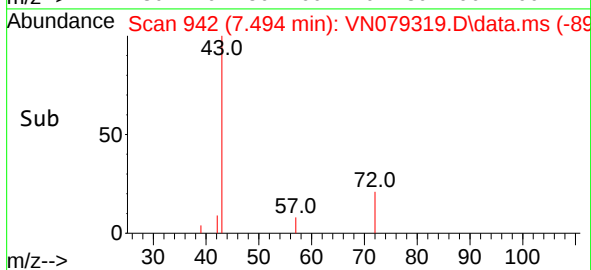
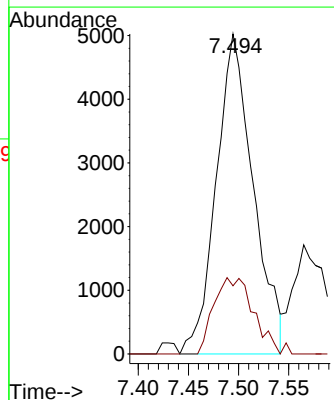
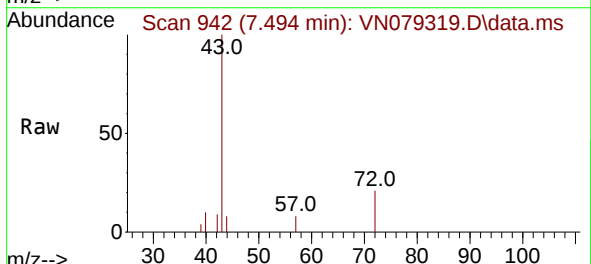
Instrument :
MSVOA_N
ClientSampleId :
TP-1

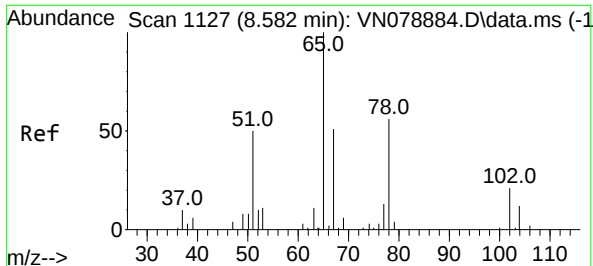
Tgt Ion:	84	Resp:	14983
Ion	Ratio	Lower	Upper
84	100		
49	139.8	79.7	119.5#
51	44.3	25.2	37.8#
86	69.8	53.3	79.9



#25
2-Butanone
Concen: 9.793 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079319.D
Acq: 21 Sep 2023 12:23

Tgt Ion:	43	Resp:	12916
Ion	Ratio	Lower	Upper
43	100		
72	21.3	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 63.402 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079319.D

Acq: 21 Sep 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

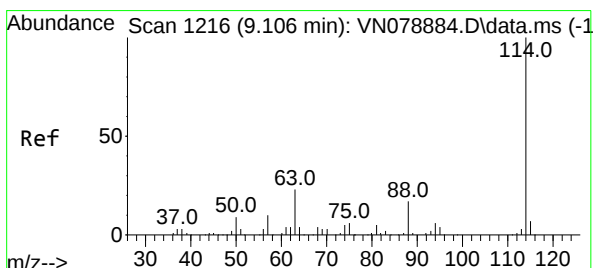
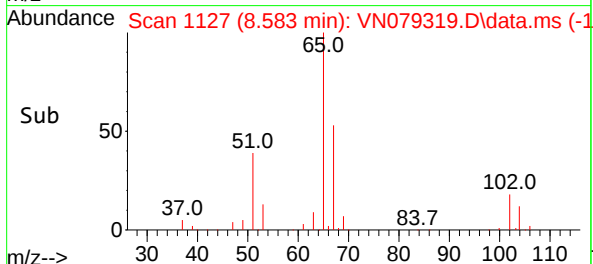
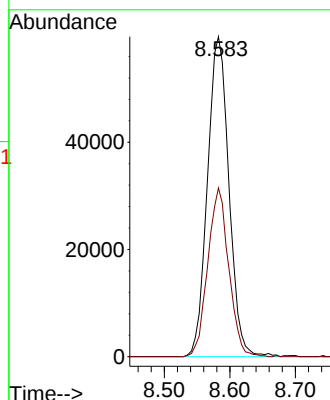
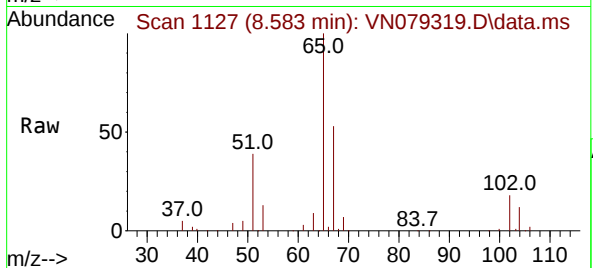
TP-1

Tgt Ion: 65 Resp: 135703

Ion Ratio Lower Upper

65 100

67 51.5 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: VN079319.D

Acq: 21 Sep 2023 12:23

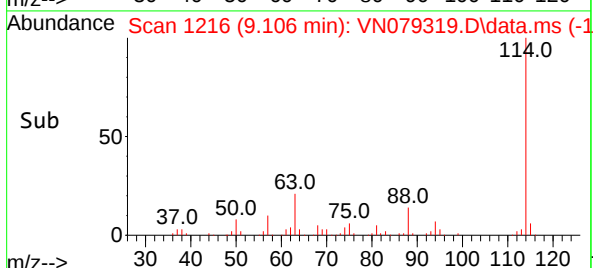
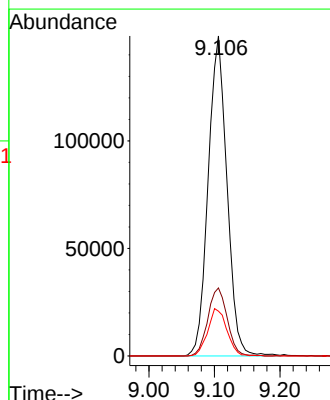
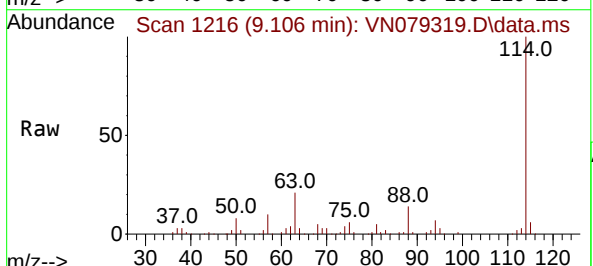
Tgt Ion: 114 Resp: 296309

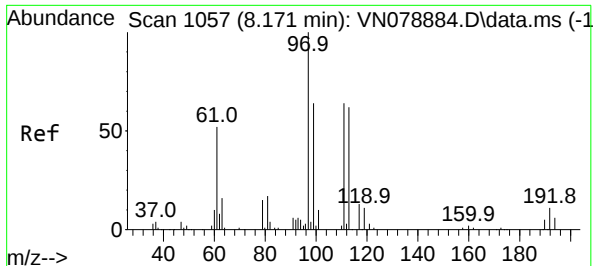
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.690 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079319.D

Acq: 21 Sep 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

TP-1

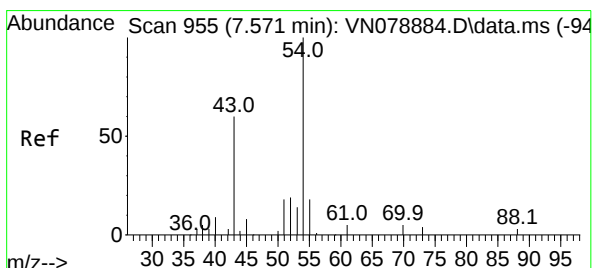
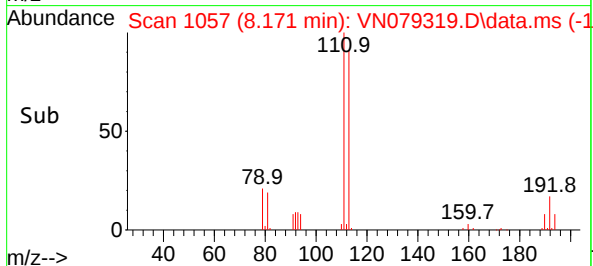
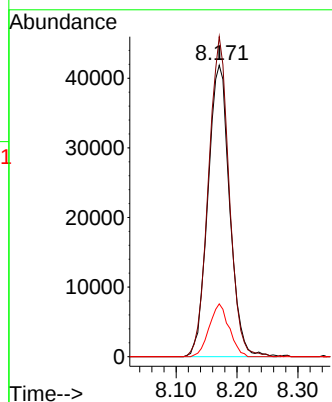
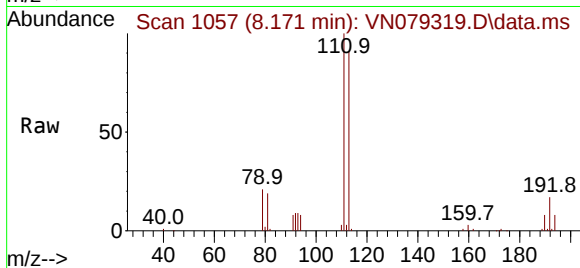
Tgt Ion:113 Resp: 103852

Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

192 16.6 12.7 19.1



#37

Ethyl Acetate

Concen: 1.474 ug/l

RT: 7.565 min Scan# 954

Delta R.T. -0.006 min

Lab File: VN079319.D

Acq: 21 Sep 2023 12:23

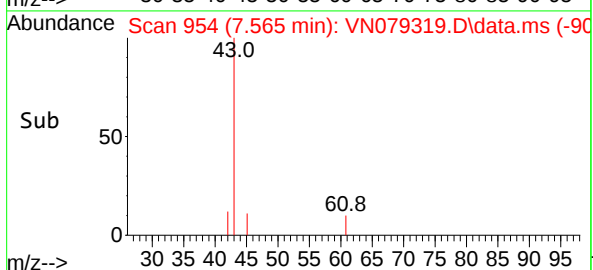
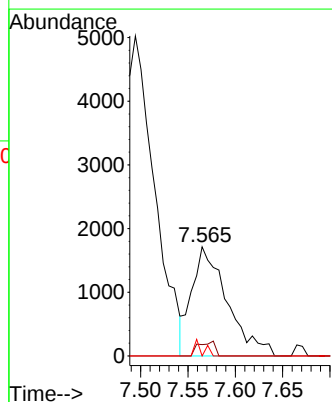
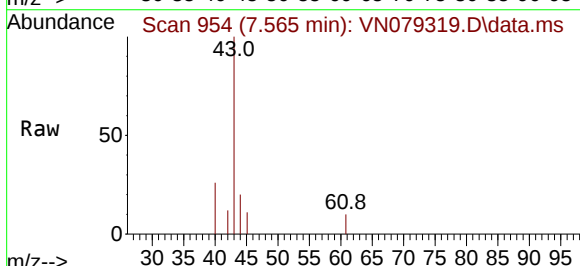
Tgt Ion: 43 Resp: 4467

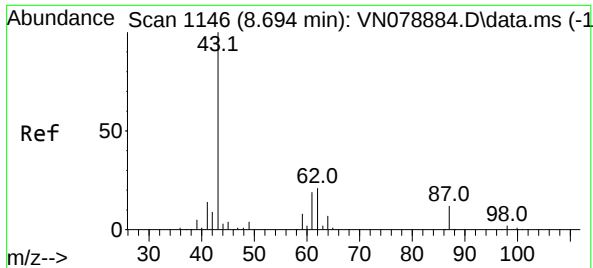
Ion Ratio Lower Upper

43 100

61 6.2 13.2 19.8#

70 3.4 11.3 16.9#

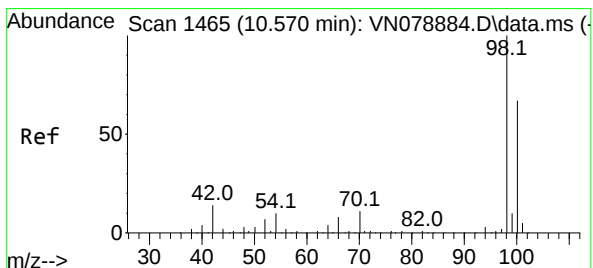
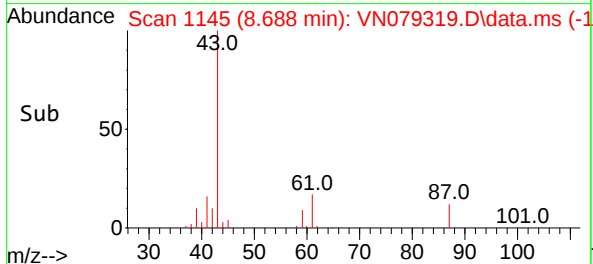
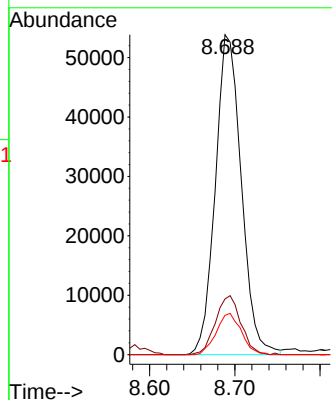
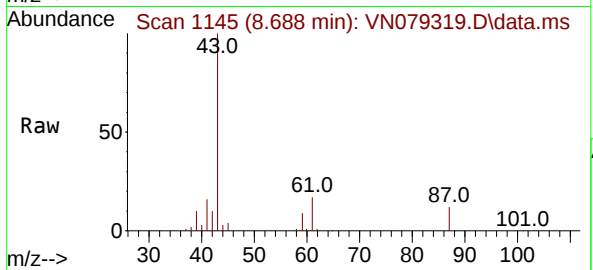




#43
Isopropyl Acetate
Concen: 23.064 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079319.D
Acq: 21 Sep 2023 12:23

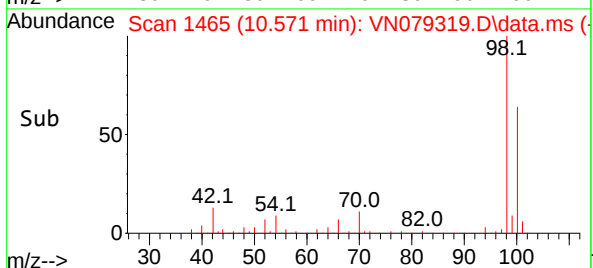
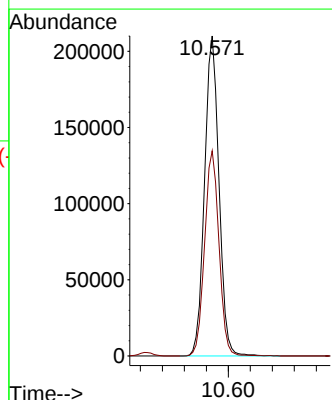
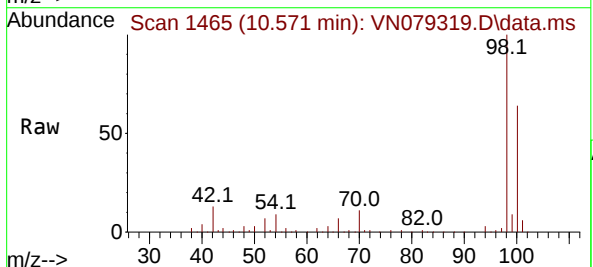
Instrument :
MSVOA_N
ClientSampleId :
TP-1

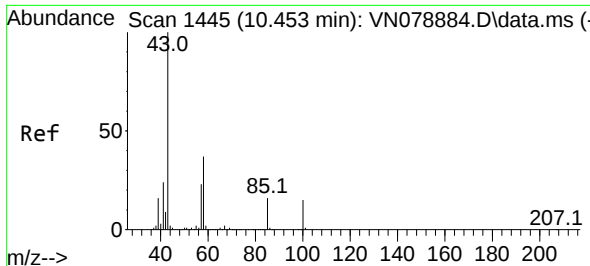
Tgt Ion: 43 Resp: 114035
Ion Ratio Lower Upper
43 100
61 18.0 24.7 37.1#
87 12.5 14.6 21.8#



#50
Toluene-d8
Concen: 52.781 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079319.D
Acq: 21 Sep 2023 12:23

Tgt Ion: 98 Resp: 381988
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 9.738 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079319.D

Acq: 21 Sep 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

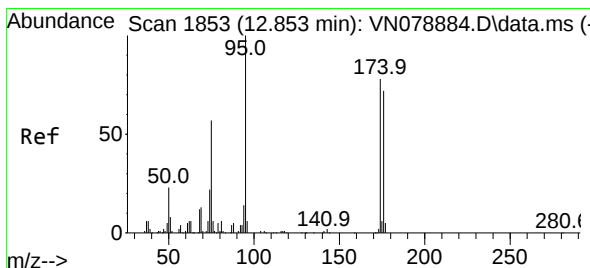
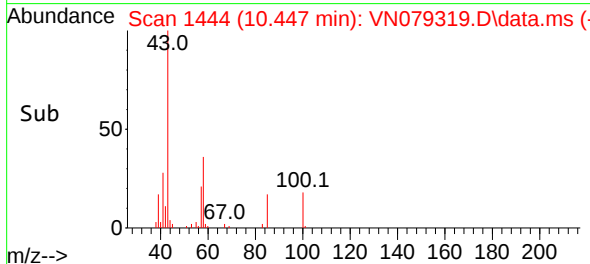
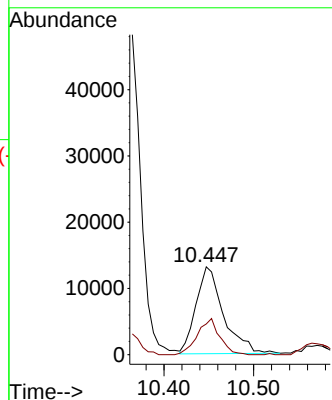
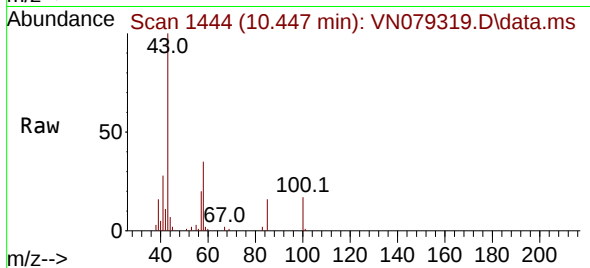
TP-1

Tgt Ion: 43 Resp: 27949

Ion Ratio Lower Upper

43 100

58 33.7 36.6 54.8#



#62

4-Bromofluorobenzene

Concen: 50.029 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079319.D

Acq: 21 Sep 2023 12:23

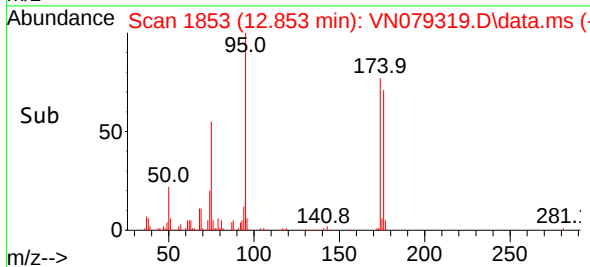
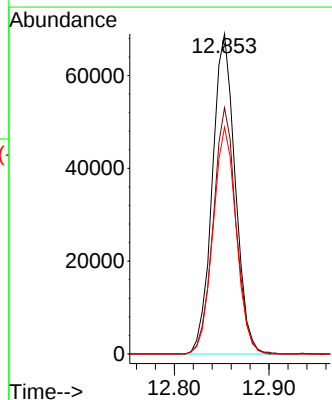
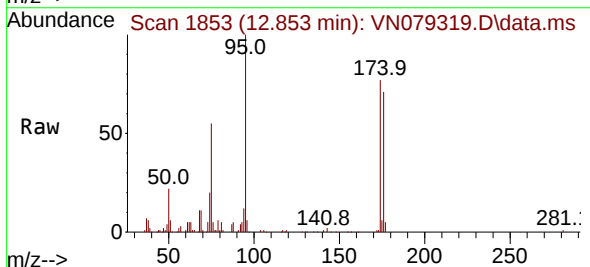
Tgt Ion: 95 Resp: 115492

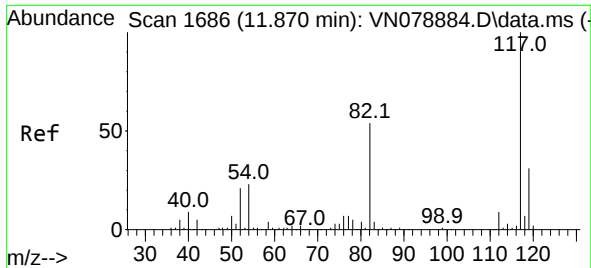
Ion Ratio Lower Upper

95 100

174 76.9 0.0 143.8

176 71.9 0.0 135.8

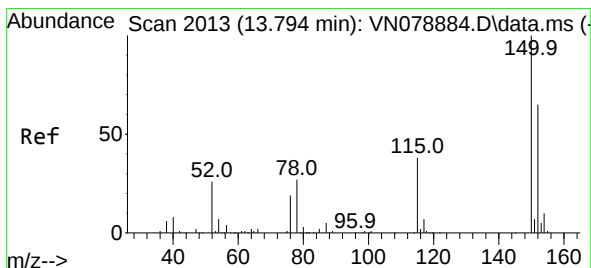
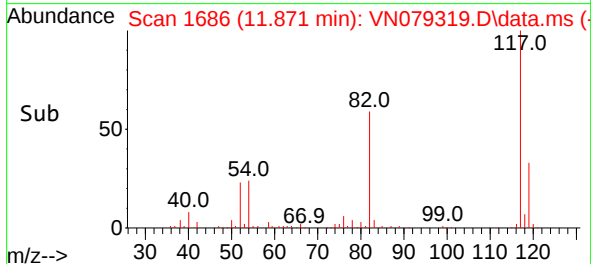
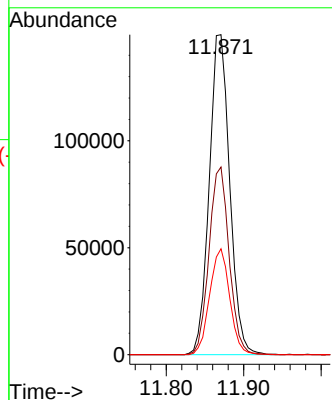
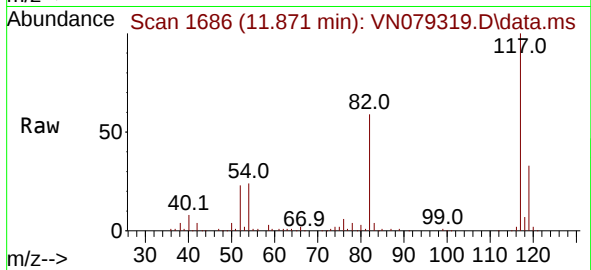




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079319.D
Acq: 21 Sep 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 275588
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 33.1 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: VN079319.D
Acq: 21 Sep 2023 12:23

Tgt Ion:152 Resp: 75167
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 156.5 0.0 355.8

