

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
 Data File : VN079320.D
 Acq On : 21 Sep 2023 12:59
 Operator : JC\MD
 Sample : 04501-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Sep 22 02:29:48 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)

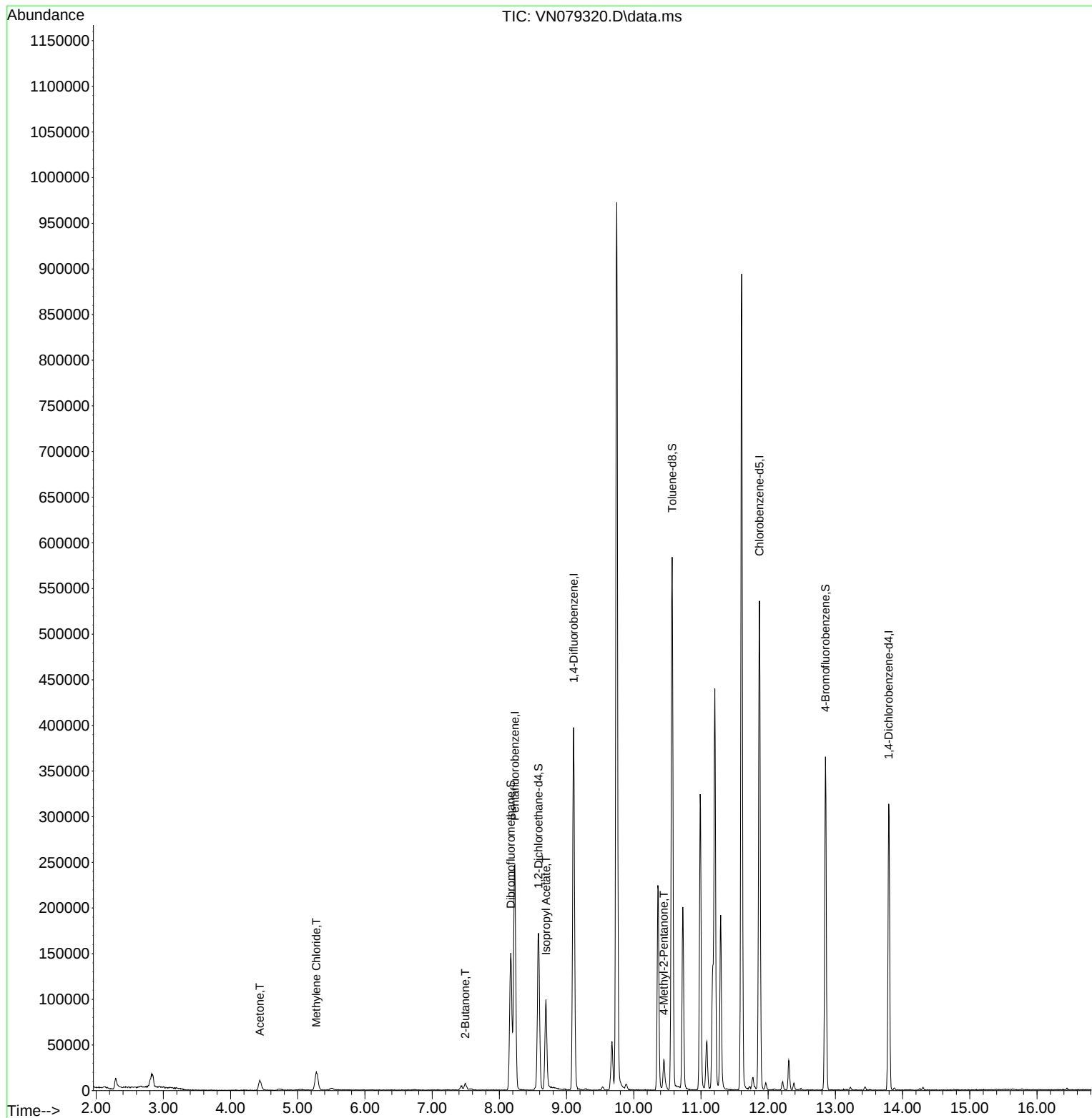
Internal Standards						
1) Pentafluorobenzene	8.230	168	175575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	301337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	142087	59.950	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	119.900%	
35) Dibromofluoromethane	8.171	113	110429	50.715	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	101.440%	
50) Toluene-d8	10.571	98	396277	49.565	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	99.120%	
62) 4-Bromofluorobenzene	12.853	95	121294	47.561	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	95.120%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	21442	21.302	ug/l #	85
20) Methylene Chloride	5.277	84	15832	6.463	ug/l #	82
25) 2-Butanone	7.494	43	12388	8.482	ug/l #	77
43) Isopropyl Acetate	8.694	43	108585	19.879	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	27159	8.565	ug/l #	78

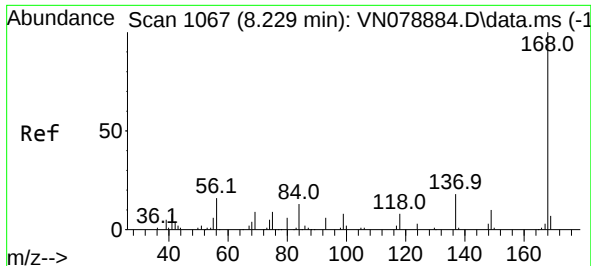
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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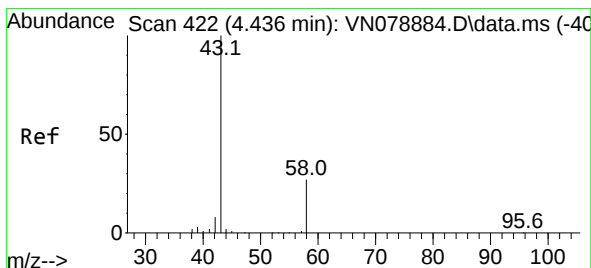
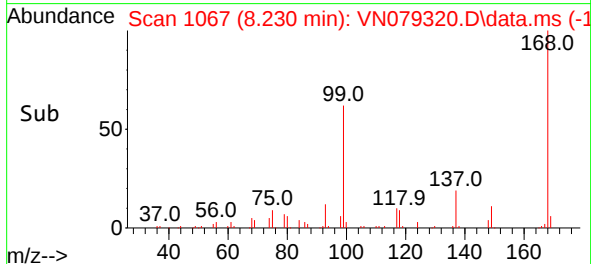
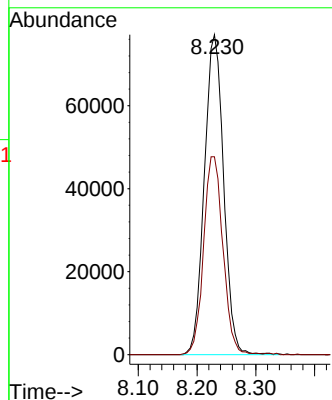
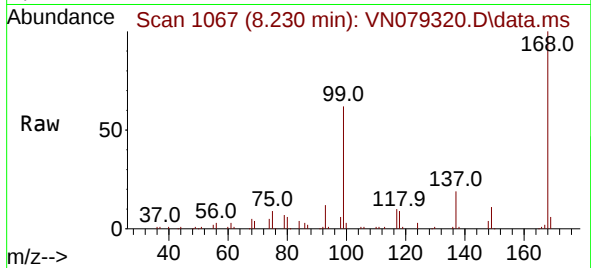




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079320.D
Acq: 21 Sep 2023 12:59

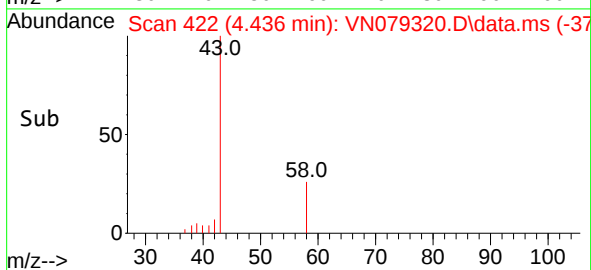
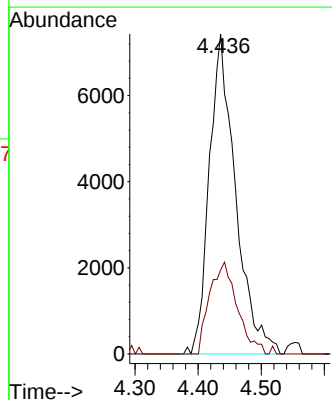
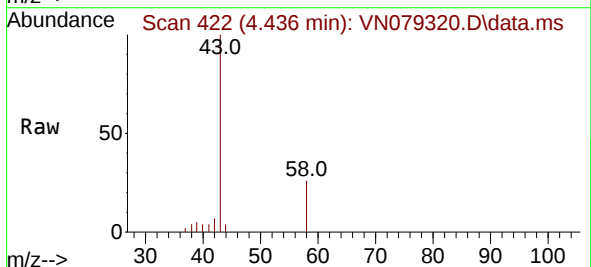
Instrument :
MSVOA_N
ClientSampleId :
TP-3

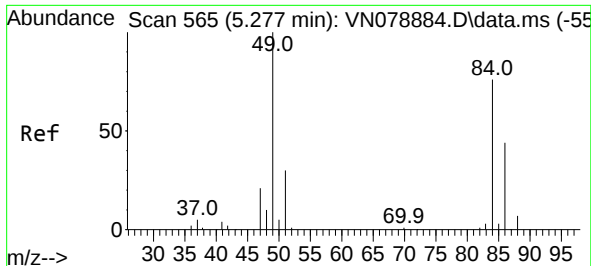
Tgt Ion:168 Resp: 175575
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#16
Acetone
Concen: 21.302 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079320.D
Acq: 21 Sep 2023 12:59

Tgt Ion: 43 Resp: 21442
Ion Ratio Lower Upper
43 100
58 26.3 28.0 42.0#

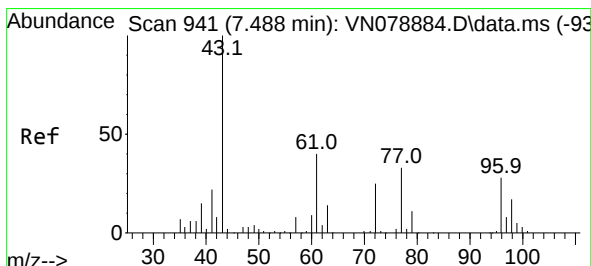
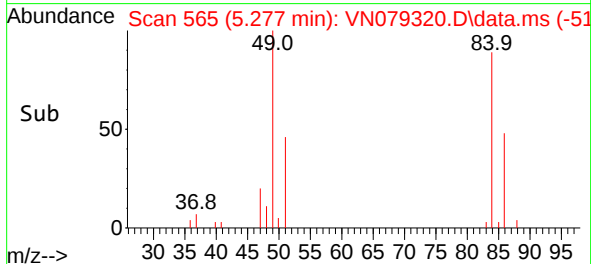
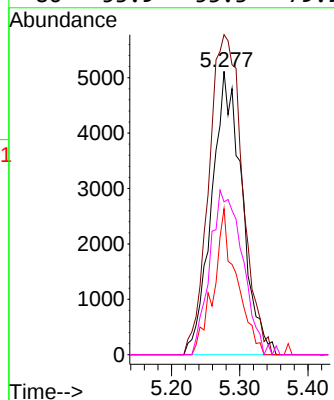
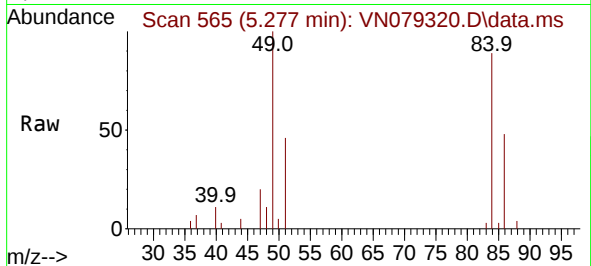




#20
Methylene Chloride
Concen: 6.463 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079320.D
Acq: 21 Sep 2023 12:59

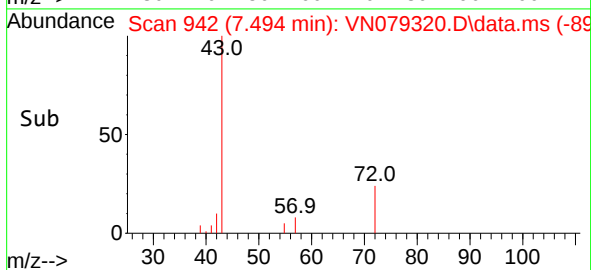
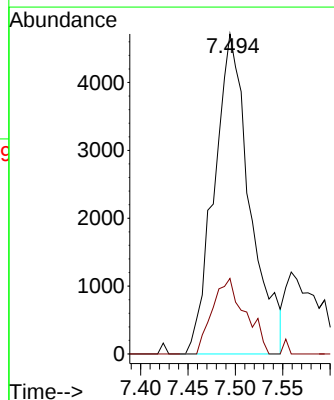
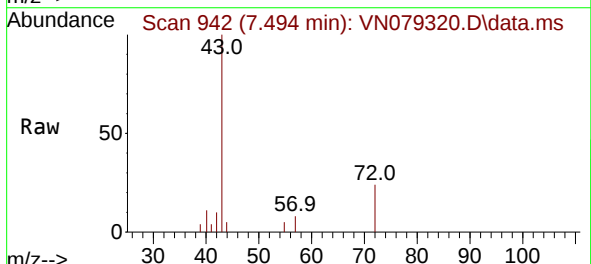
Instrument :
MSVOA_N
ClientSampleId :
TP-3

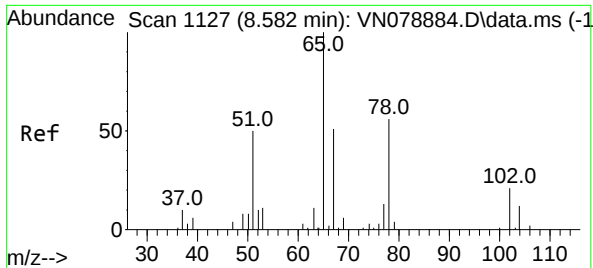
Tgt Ion:	84	Resp:	15832
Ion	Ratio	Lower	Upper
84	100		
49	112.9	79.7	119.5
51	51.6	25.2	37.8#
86	53.9	53.3	79.9



#25
2-Butanone
Concen: 8.482 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079320.D
Acq: 21 Sep 2023 12:59

Tgt Ion:	43	Resp:	12388
Ion	Ratio	Lower	Upper
43	100		
72	23.6	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 59.950 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079320.D

Acq: 21 Sep 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

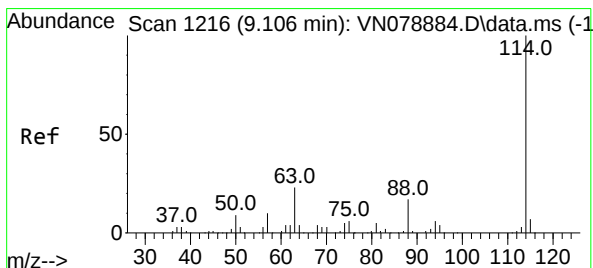
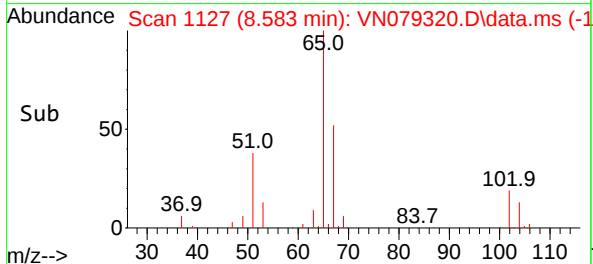
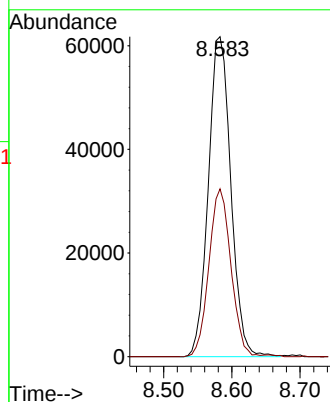
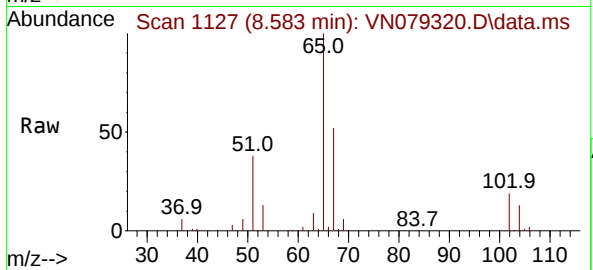
TP-3

Tgt Ion: 65 Resp: 142087

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. -0.006 min

Lab File: VN079320.D

Acq: 21 Sep 2023 12:59

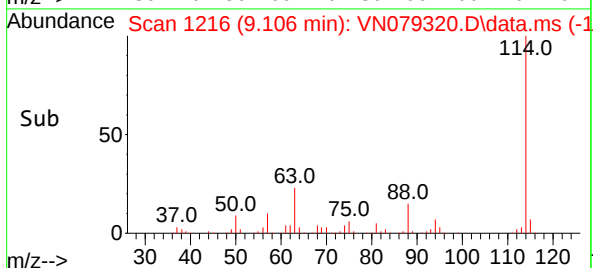
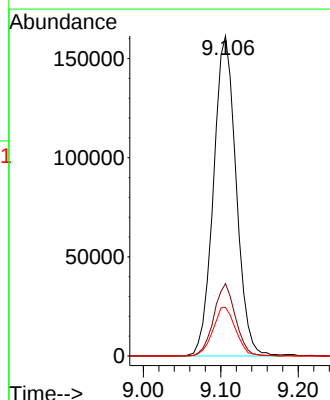
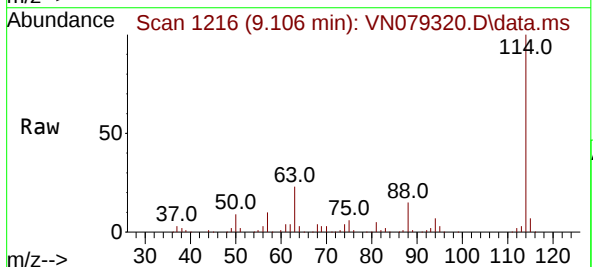
Tgt Ion: 114 Resp: 327343

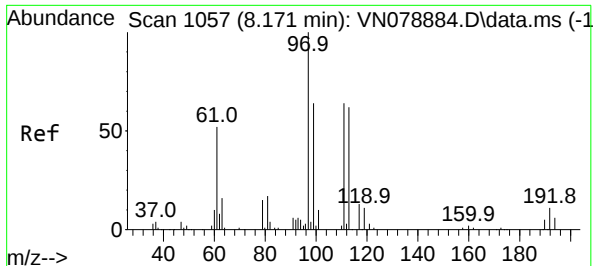
Ion Ratio Lower Upper

114 100

63 22.6 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.715 ug/l

RT: 8.171 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VN079320.D

Acq: 21 Sep 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

TP-3

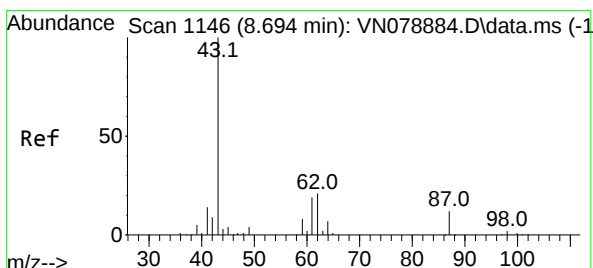
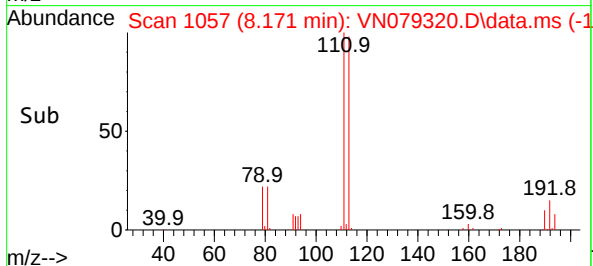
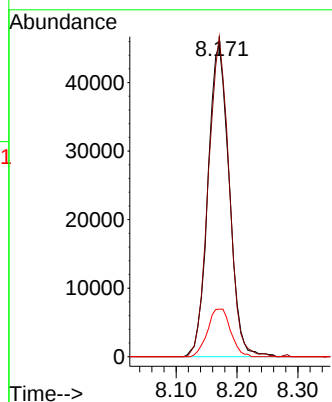
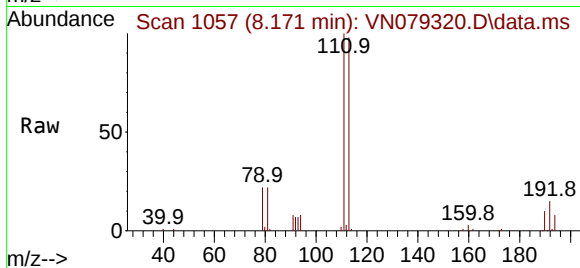
Tgt Ion:113 Resp: 110429

Ion Ratio Lower Upper

113 100

111 99.7 82.6 123.8

192 16.5 12.7 19.1



#43

Isopropyl Acetate

Concen: 19.879 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079320.D

Acq: 21 Sep 2023 12:59

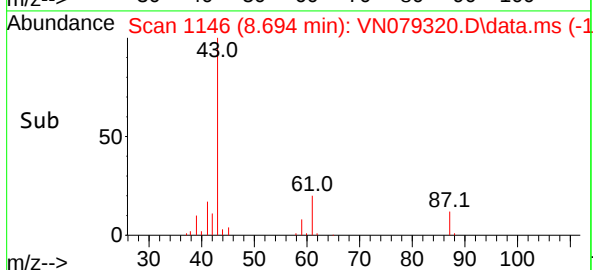
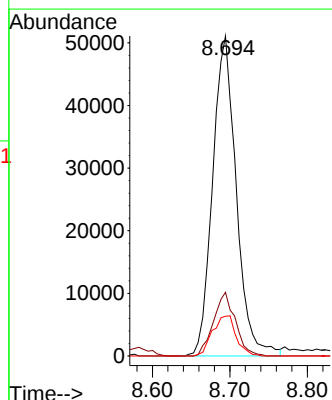
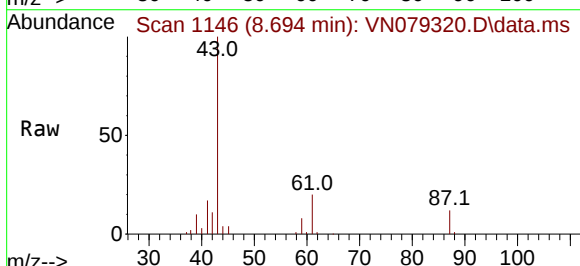
Tgt Ion: 43 Resp: 108585

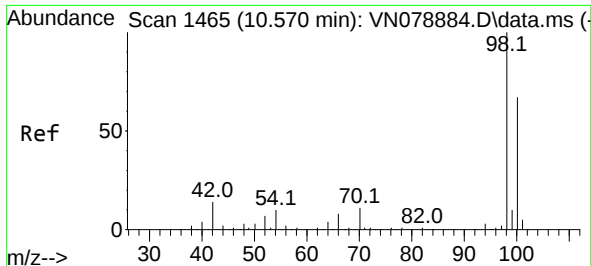
Ion Ratio Lower Upper

43 100

61 18.4 24.7 37.1#

87 12.5 14.6 21.8#





#50

Toluene-d8

Concen: 49.565 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079320.D

Acq: 21 Sep 2023 12:59

Instrument :

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ClientSampleId :

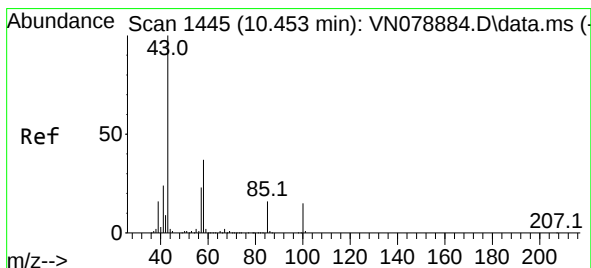
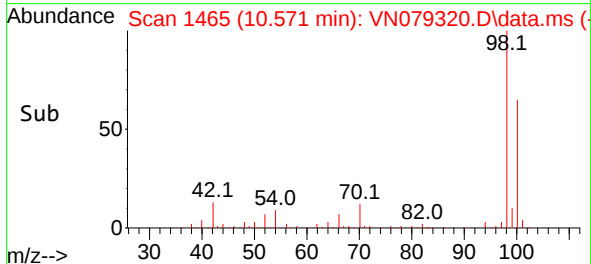
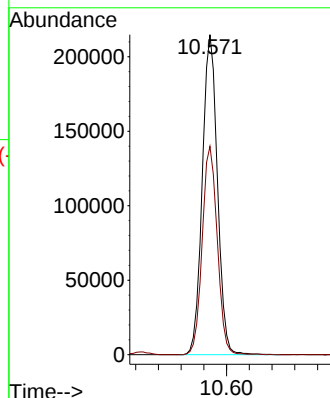
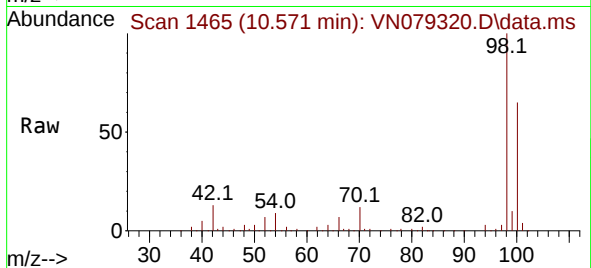
TP-3

Tgt Ion: 98 Resp: 396277

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 8.565 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079320.D

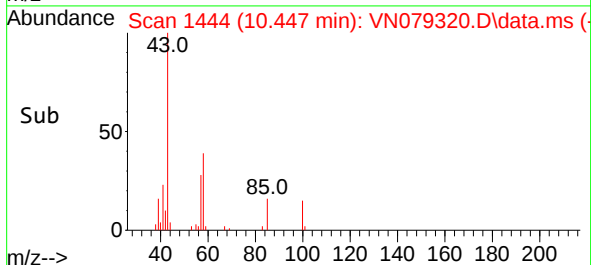
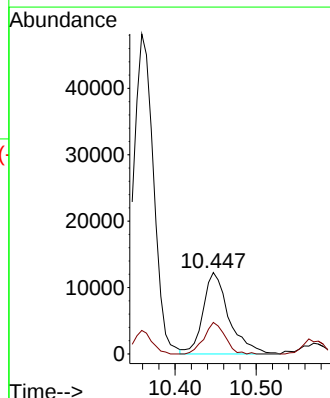
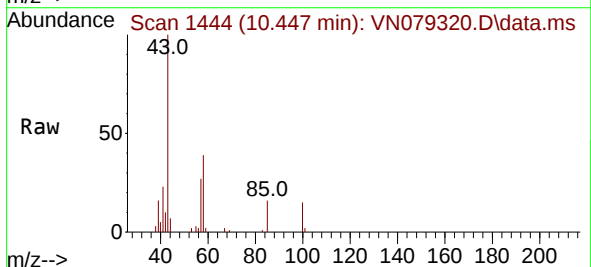
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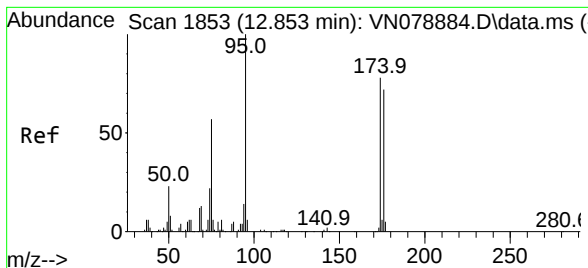
Tgt Ion: 43 Resp: 27159

Ion Ratio Lower Upper

43 100

58 31.2 36.6 54.8#

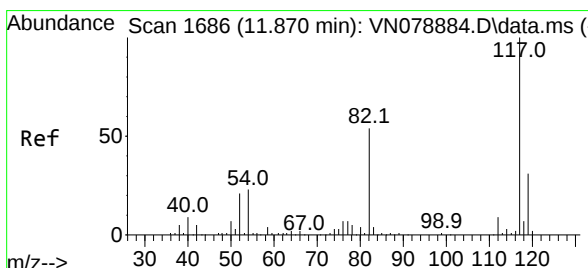
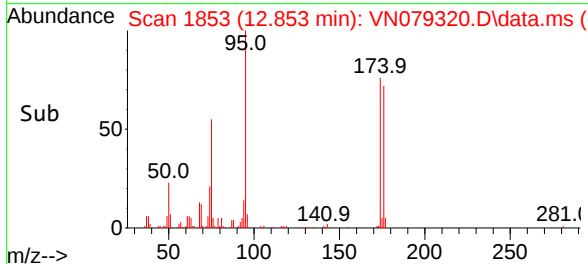
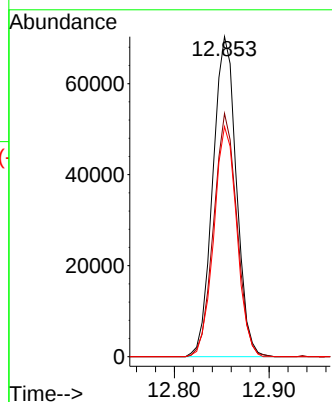
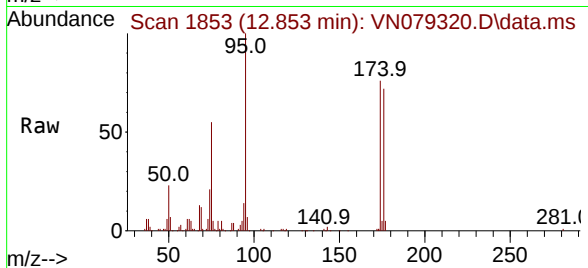




#62
4-Bromofluorobenzene
Concen: 47.561 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079320.D
Acq: 21 Sep 2023 12:59

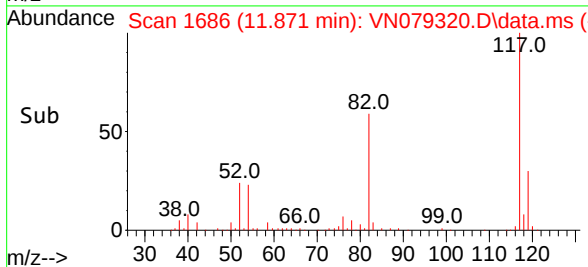
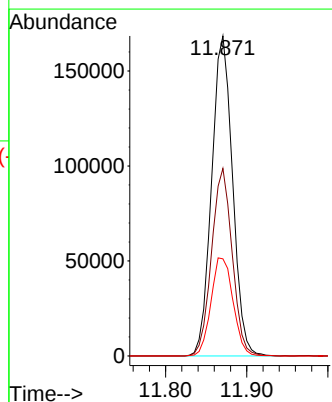
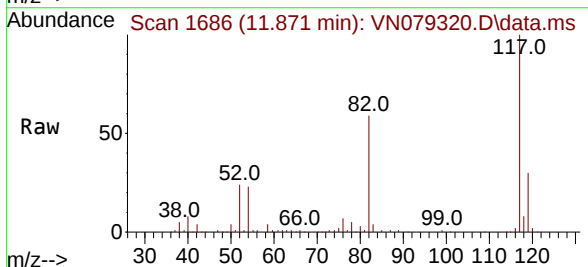
Instrument :
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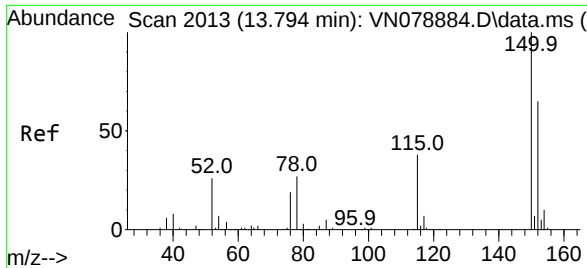
Tgt Ion: 95 Resp: 121294
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 70.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079320.D
Acq: 21 Sep 2023 12:59

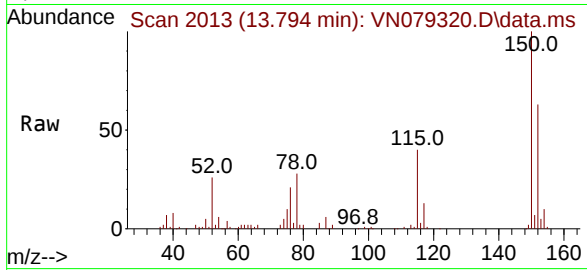
Tgt Ion: 117 Resp: 301337
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 30.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079320.D
 Acq: 21 Sep 2023 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3



Tgt Ion:152 Resp: 82057
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 156.1 0.0 355.8

