

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077840.D
 Acq On : 24 May 2023 05:01
 Operator : JC\MD
 Sample : 02892-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-32

Quant Time: May 24 06:00:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

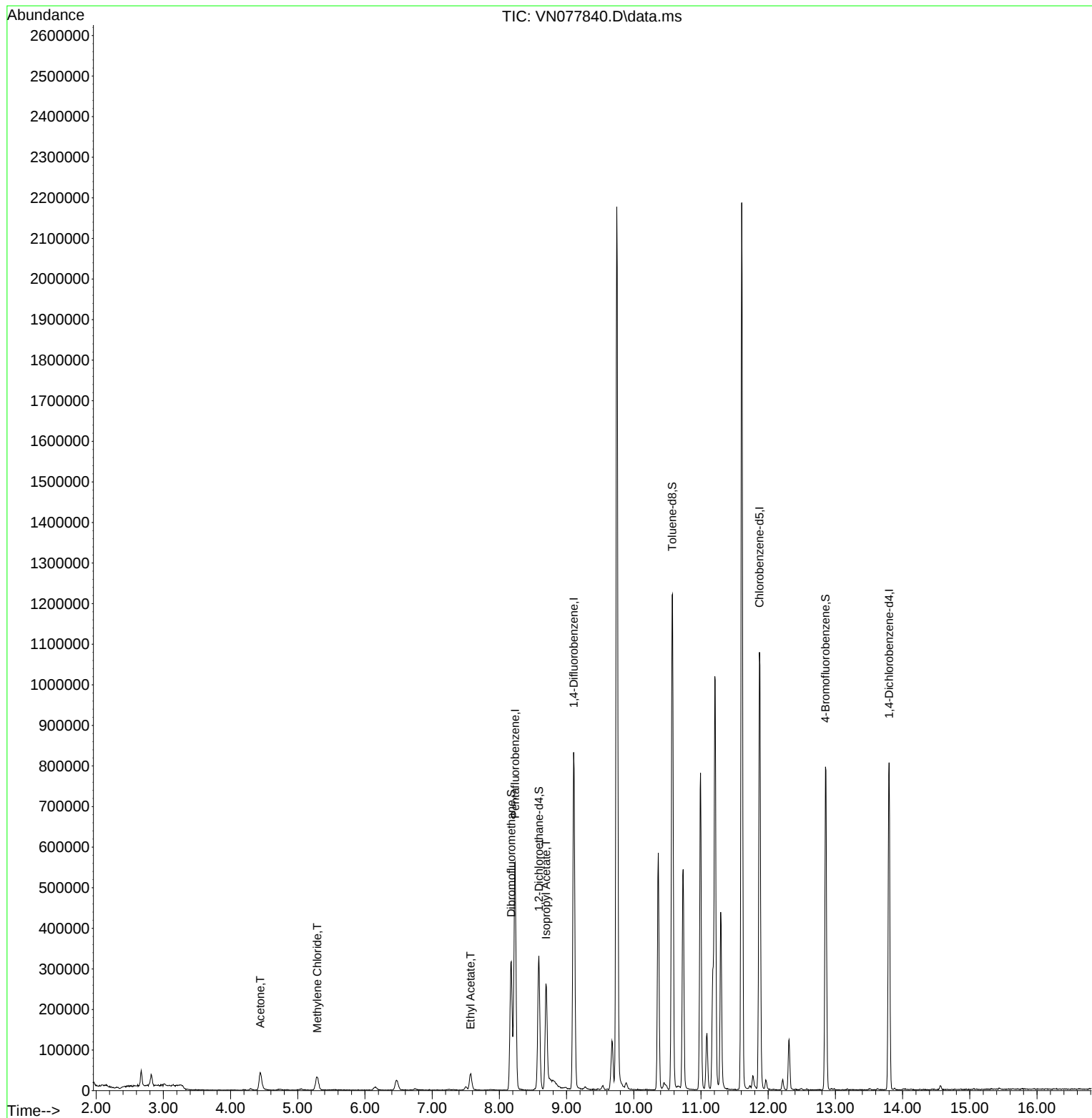
Internal Standards						
1) Pentafluorobenzene	8.235	168	398425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	733776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	657183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	229140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268252	44.998	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.000%
35) Dibromofluoromethane	8.177	113	227247	47.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.980%
50) Toluene-d8	10.571	98	908391	49.323	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.853	95	288414	44.340	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.680%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	82096	43.772	ug/l	94
20) Methylene Chloride	5.289	84	27938	3.901	ug/l	88
37) Ethyl Acetate	7.571	43	62342	9.994	ug/l	97
43) Isopropyl Acetate	8.694	43	318009	31.211	ug/l #	82

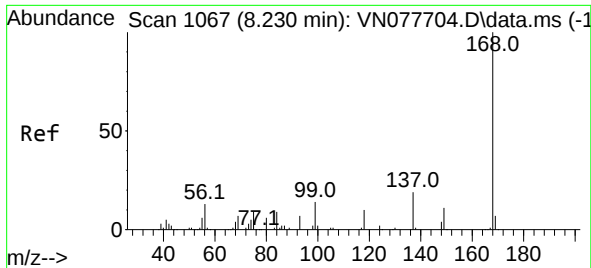
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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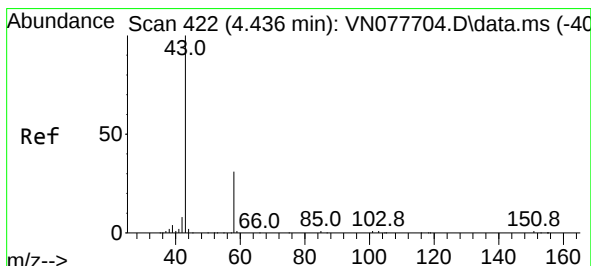
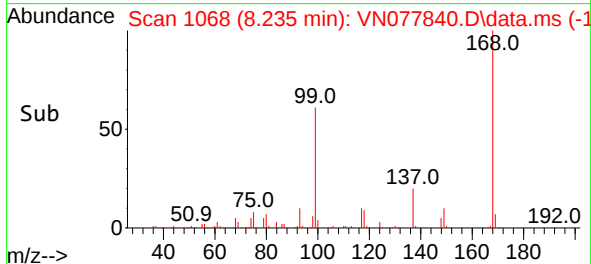
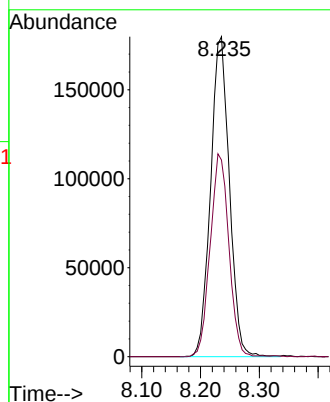
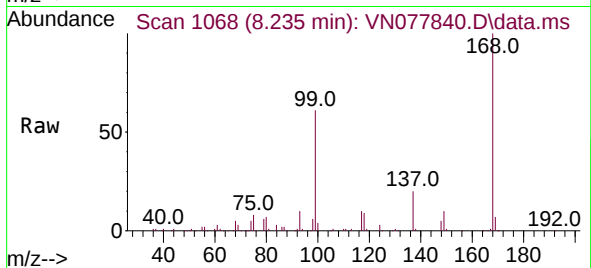




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077840.D
Acq: 24 May 2023 05:01

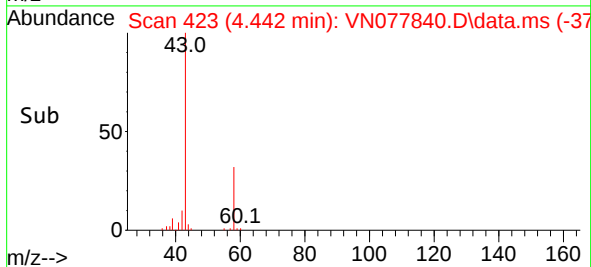
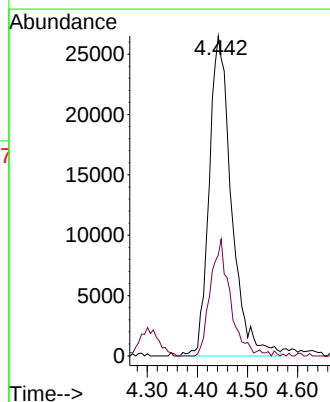
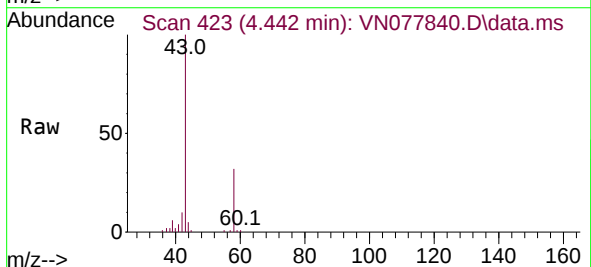
Instrument :
MSVOA_N
ClientSampleId :
TP-32

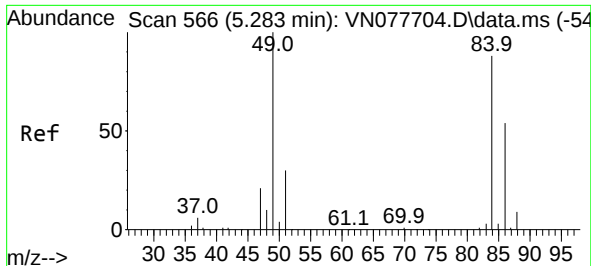
Tgt Ion:168 Resp: 398425
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#16
Acetone
Concen: 43.772 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077840.D
Acq: 24 May 2023 05:01

Tgt Ion: 43 Resp: 82096
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0





#20

Methylene Chloride

Concen: 3.901 ug/l

RT: 5.289 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN077840.D

Acq: 24 May 2023 05:01

Instrument :

MSVOA_N

ClientSampleId :

TP-32

Tgt Ion: 84 Resp: 27938

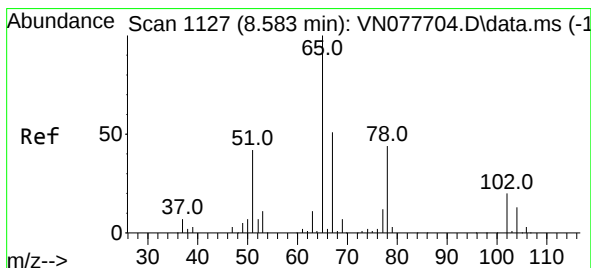
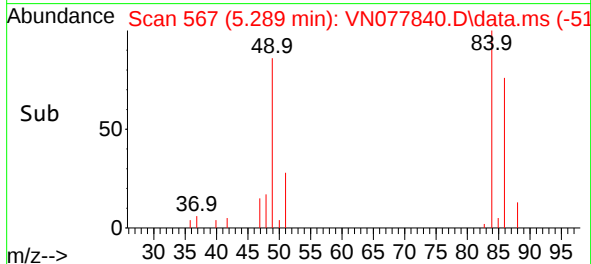
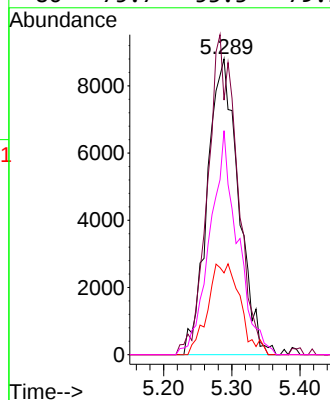
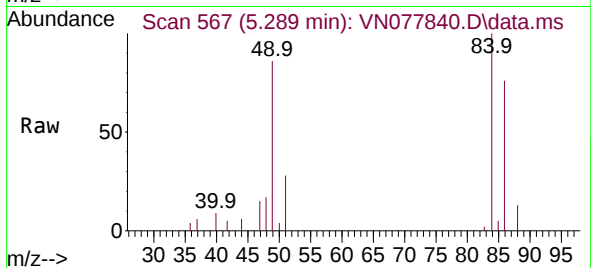
Ion Ratio Lower Upper

84 100

49 86.1 79.7 119.5

51 27.7 25.2 37.8

86 75.7 53.3 79.9



#33

1,2-Dichloroethane-d4

Concen: 44.998 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077840.D

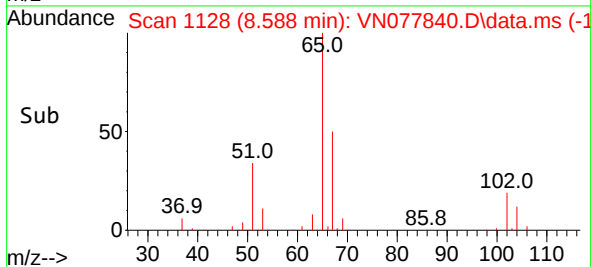
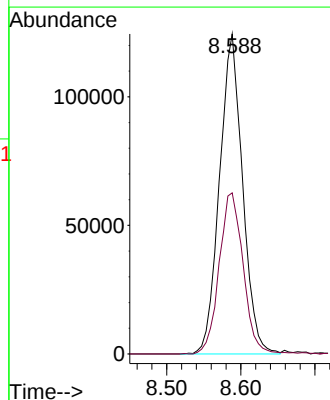
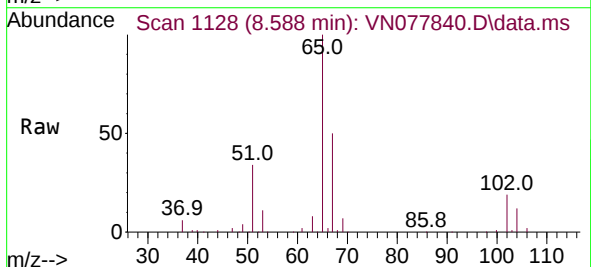
Acq: 24 May 2023 05:01

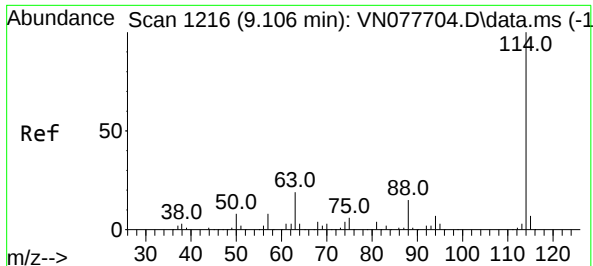
Tgt Ion: 65 Resp: 268252

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077840.D

Acq: 24 May 2023 05:01

Instrument :

MSVOA_N

ClientSampleId :

TP-32

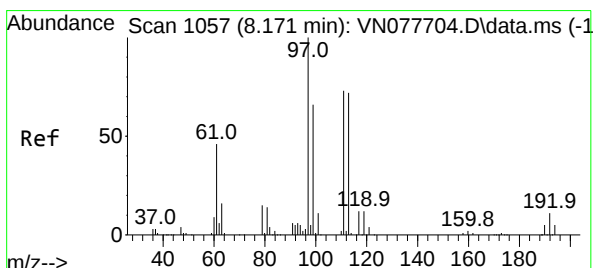
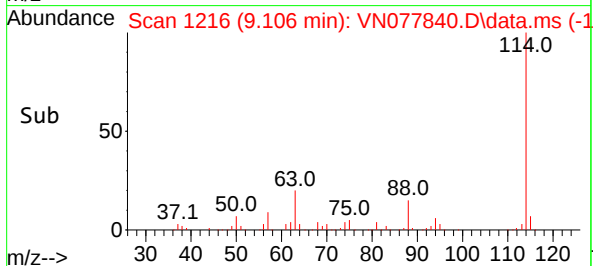
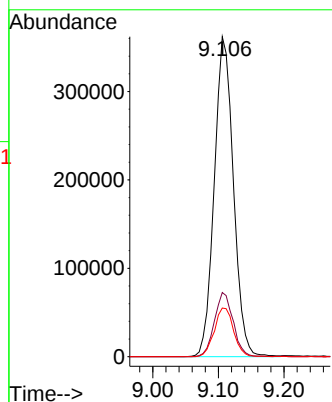
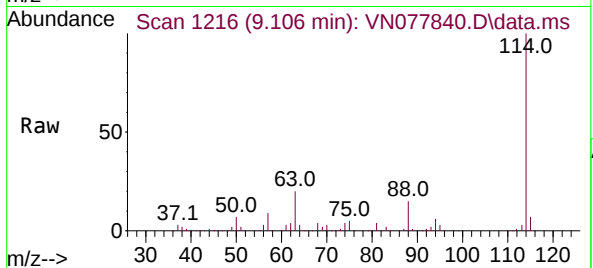
Tgt Ion:114 Resp: 733776

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.493 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077840.D

Acq: 24 May 2023 05:01

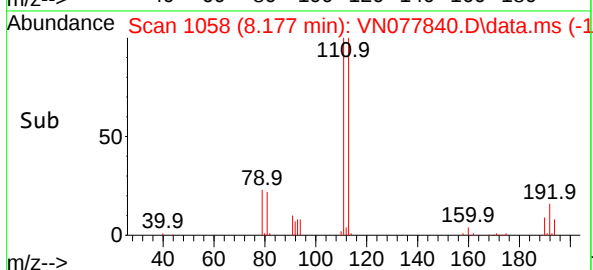
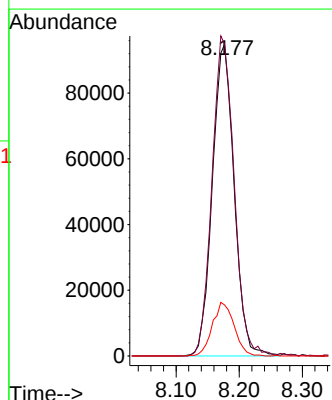
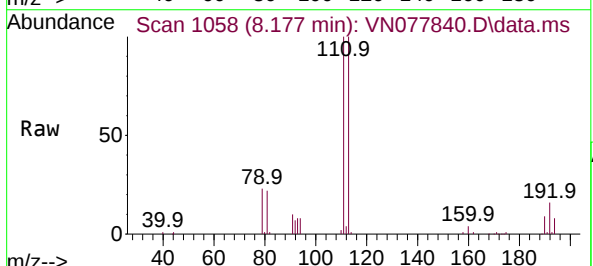
Tgt Ion:113 Resp: 227247

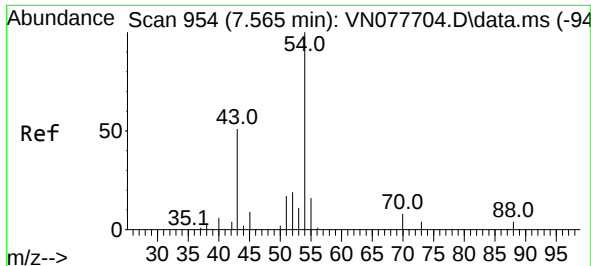
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 17.2 12.7 19.1





#37

Ethyl Acetate

Concen: 9.994 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077840.D

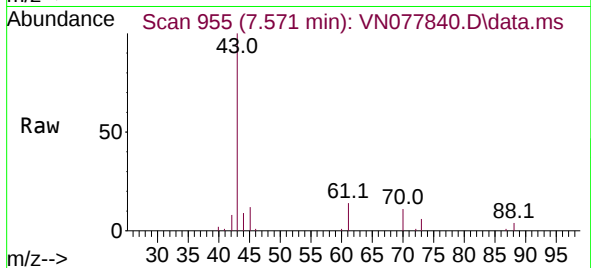
Acq: 24 May 2023 05:01

Instrument :

MSVOA_N

ClientSampleId :

TP-32



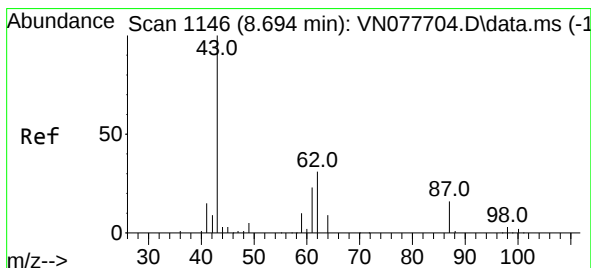
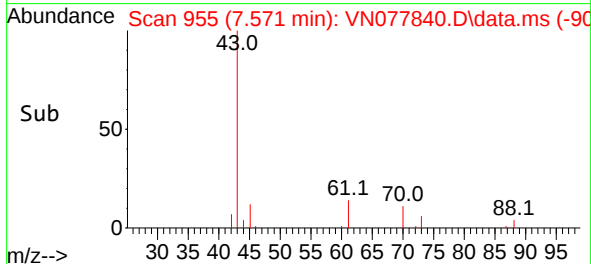
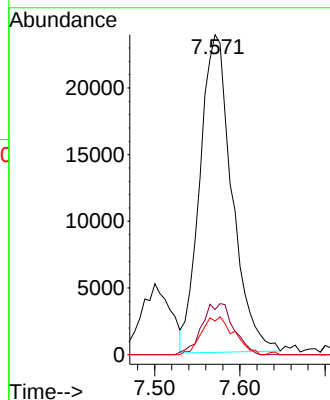
Tgt Ion: 43 Resp: 62342

Ion Ratio Lower Upper

43 100

61 16.0 13.2 19.8

70 12.0 11.3 16.9



#43

Isopropyl Acetate

Concen: 31.211 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077840.D

Acq: 24 May 2023 05:01

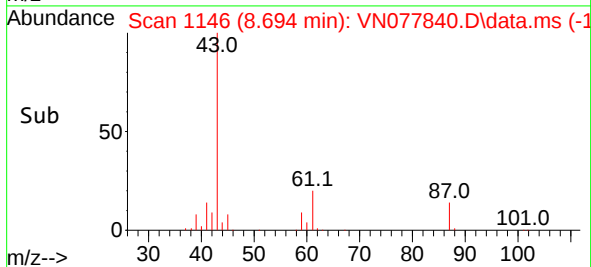
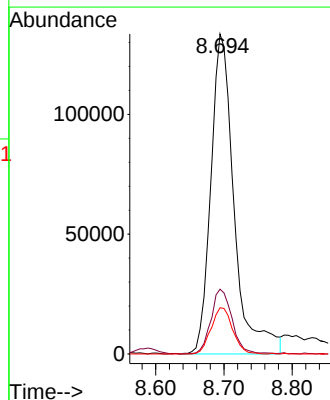
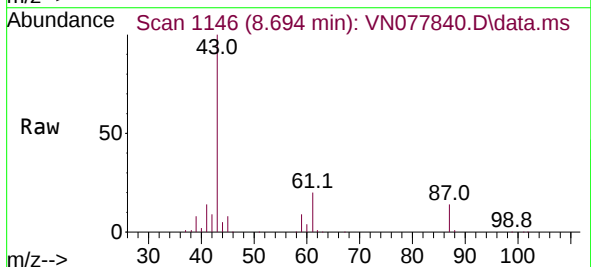
Tgt Ion: 43 Resp: 318009

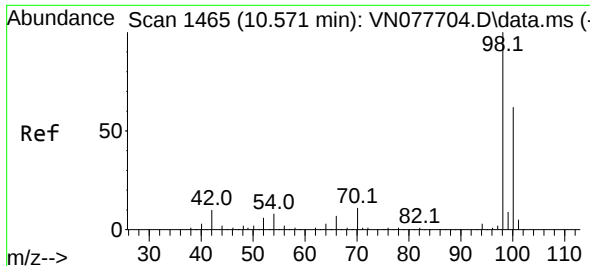
Ion Ratio Lower Upper

43 100

61 18.3 24.7 37.1#

87 13.3 14.6 21.8#

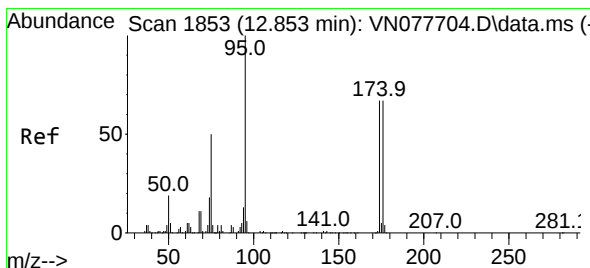
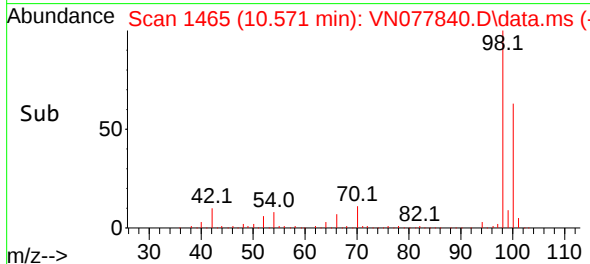
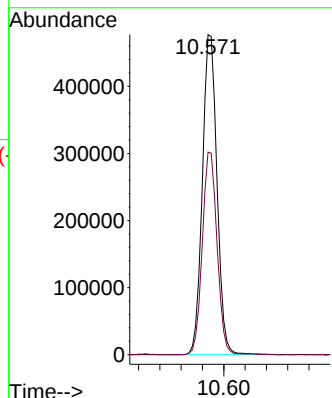
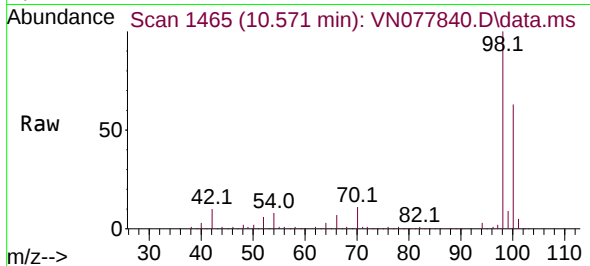




#50
Toluene-d8
Concen: 49.323 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077840.D
Acq: 24 May 2023 05:01

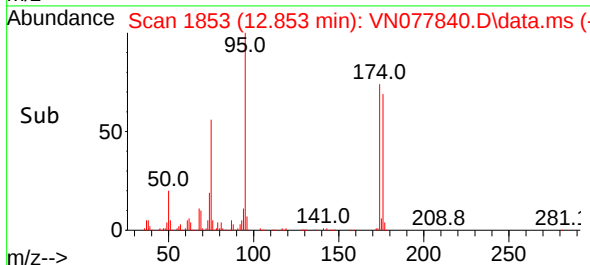
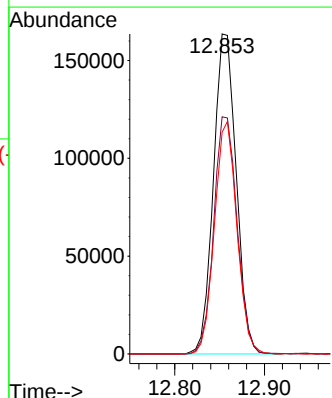
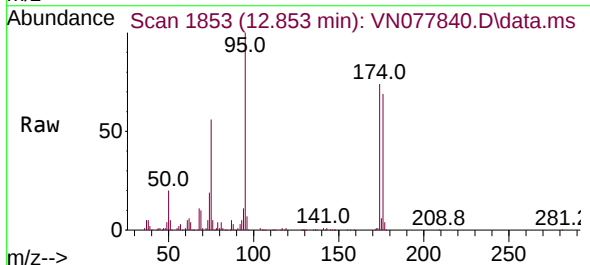
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TP-32

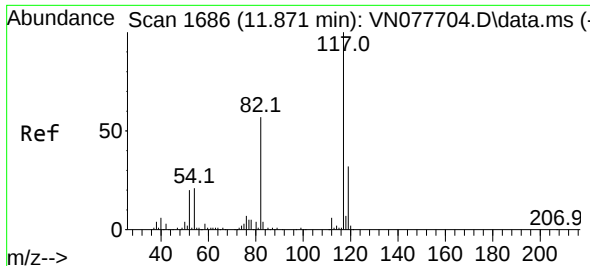
Tgt Ion: 98 Resp: 908391
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.340 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077840.D
Acq: 24 May 2023 05:01

Tgt Ion: 95 Resp: 288414
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 71.6 0.0 135.8

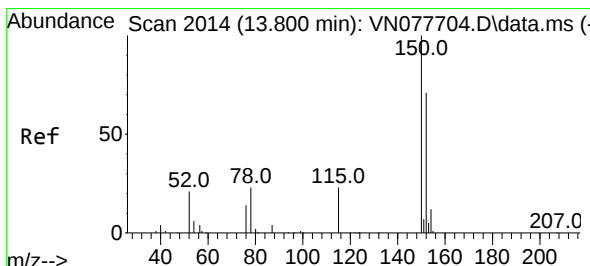
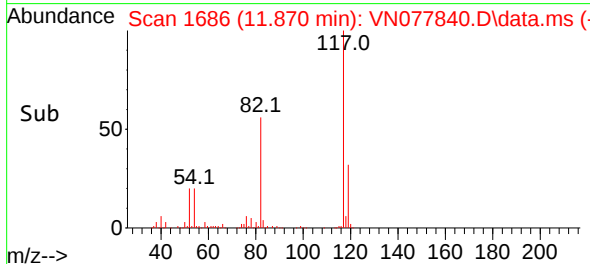
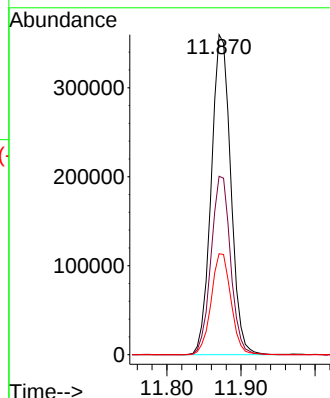
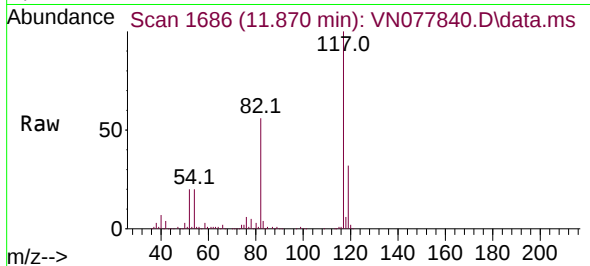




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077840.D
Acq: 24 May 2023 05:01

Instrument :
MSVOA_N
ClientSampleId :
TP-32

Tgt Ion:117 Resp: 657183
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077840.D
Acq: 24 May 2023 05:01

Tgt Ion:152 Resp: 229140
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 154.8 0.0 355.8

