

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078355.D
 Acq On : 22 Jun 2023 17:16
 Operator : JC\MD
 Sample : PB153671TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153671TB

Quant Time: Jun 23 08:03:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

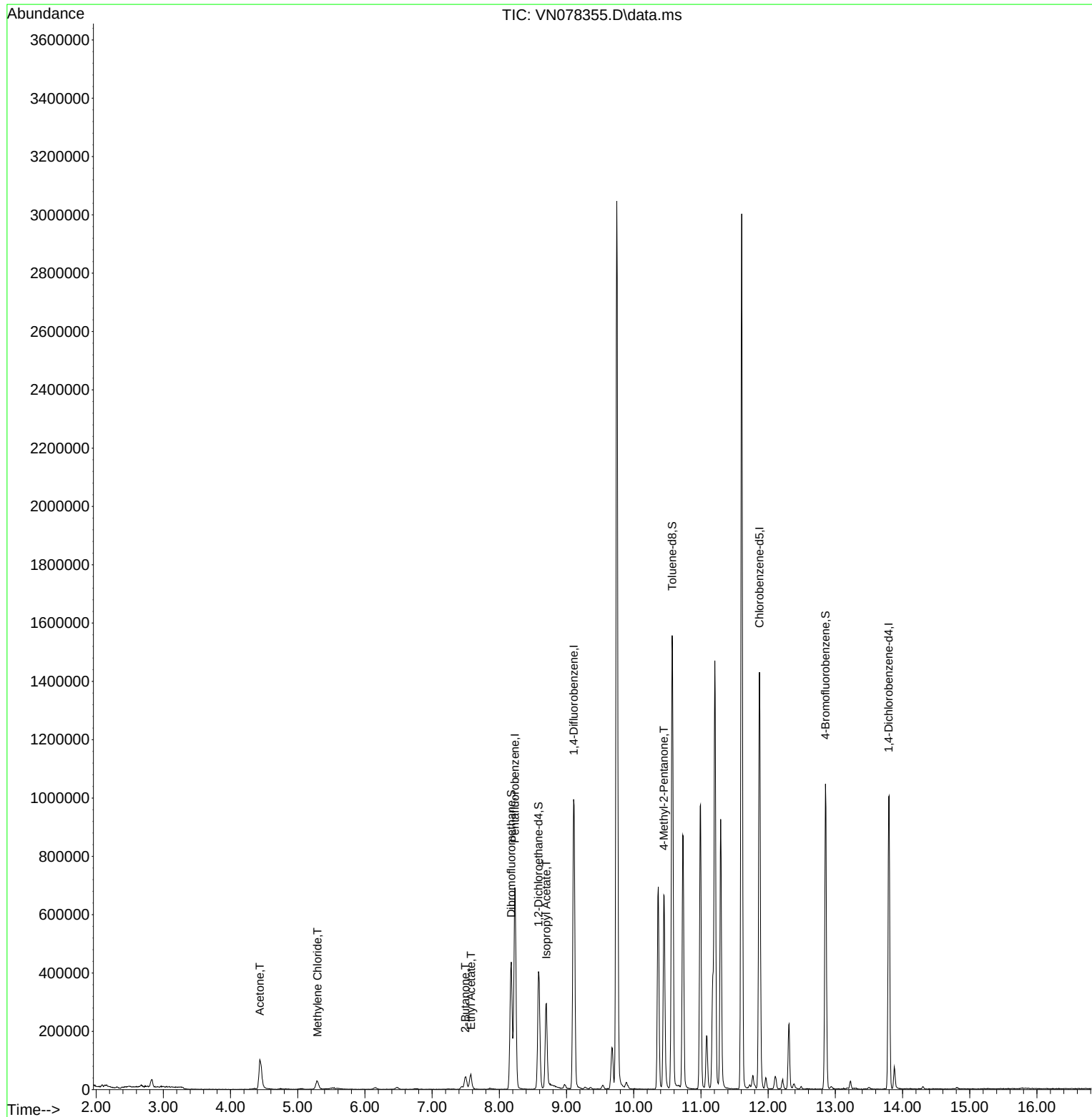
Internal Standards						
1) Pentafluorobenzene	8.230	168	497645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	911275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	854153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	281002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	338409	51.003	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.000%	
35) Dibromofluoromethane	8.177	113	311580	54.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.160%	
50) Toluene-d8	10.571	98	1109745	49.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.920%	
62) 4-Bromofluorobenzene	12.853	95	366227	53.035	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.080%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	188662	98.784	ug/l	98
20) Methylene Chloride	5.295	84	22815	3.615	ug/l #	91
25) 2-Butanone	7.494	43	64927	22.107	ug/l	90
37) Ethyl Acetate	7.577	43	71416	11.061	ug/l	98
43) Isopropyl Acetate	8.700	43	335417	27.165	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	445199	68.470	ug/l	92

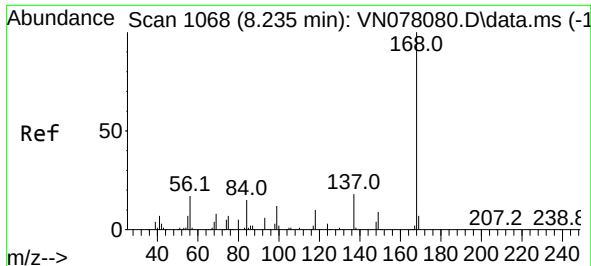
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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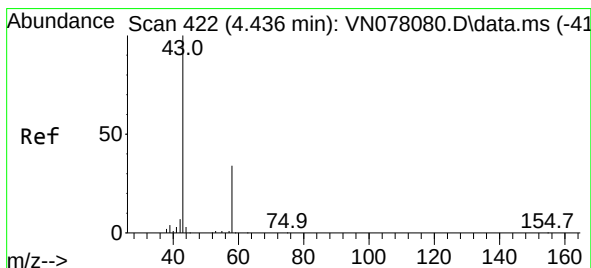
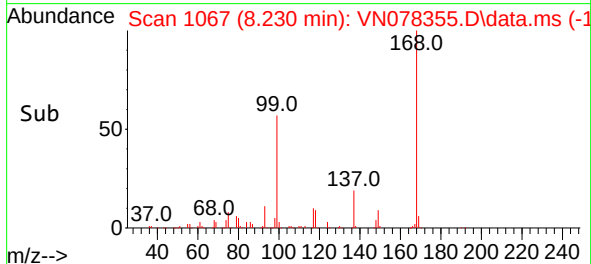
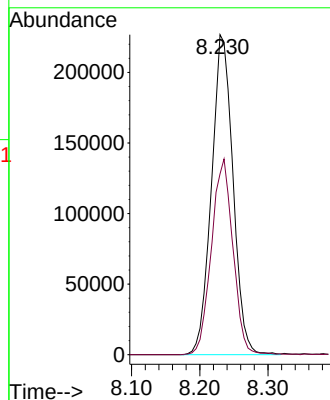
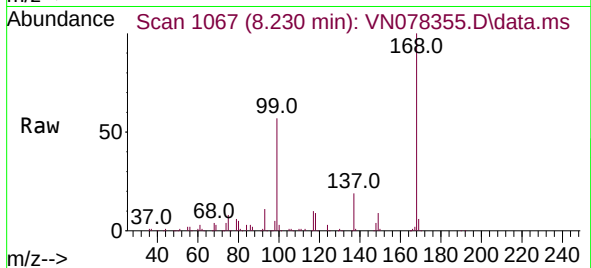




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078355.D
Acq: 22 Jun 2023 17:16

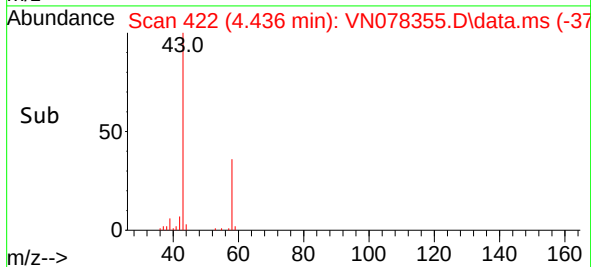
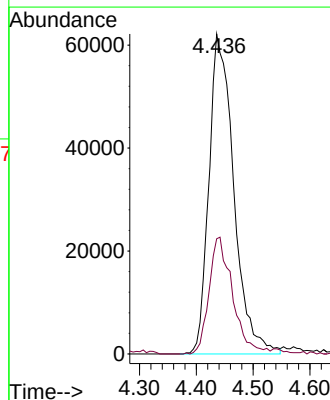
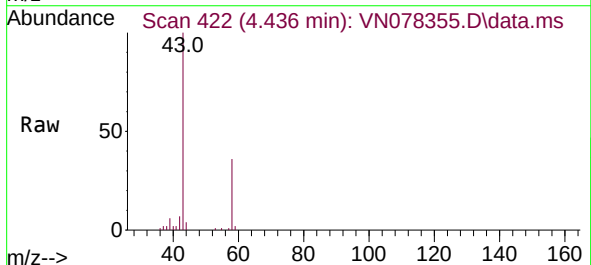
Instrument :
MSVOA_N
ClientSampleId :
PB153671TB

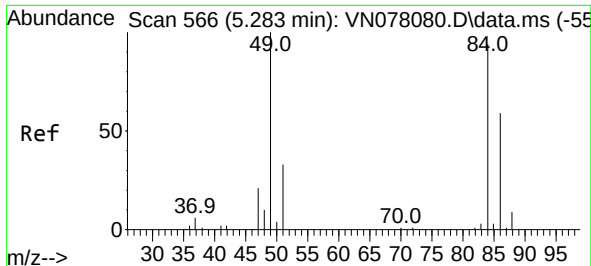
Tgt Ion:168 Resp: 497645
Ion Ratio Lower Upper
168 100
99 56.5 53.0 79.6



#16
Acetone
Concen: 98.784 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078355.D
Acq: 22 Jun 2023 17:16

Tgt Ion: 43 Resp: 188662
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0





#20

Methylene Chloride

Concen: 3.615 ug/l

RT: 5.295 min Scan# 5

Delta R.T. 0.012 min

Lab File: VN078355.D

Acq: 22 Jun 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

PB153671TB

Tgt Ion: 84 Resp: 22815

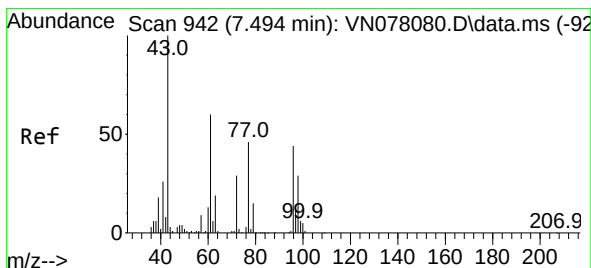
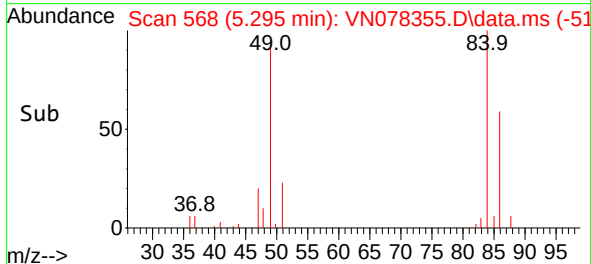
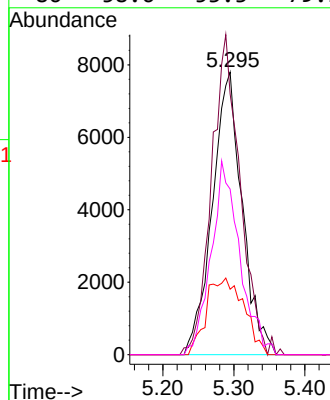
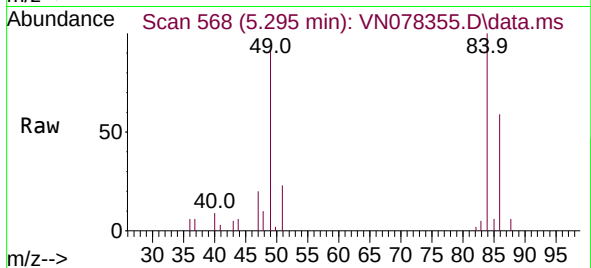
Ion Ratio Lower Upper

84 100

49 92.3 79.7 119.5

51 23.2 25.2 37.8#

86 58.6 53.3 79.9



#25

2-Butanone

Concen: 22.107 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078355.D

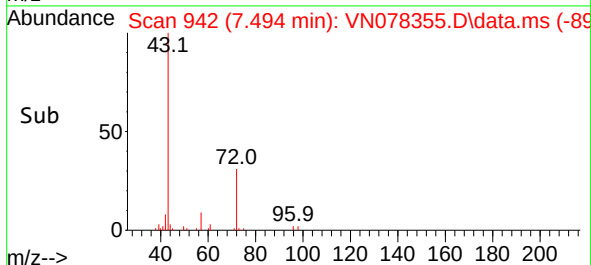
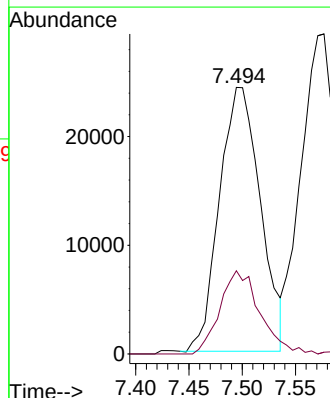
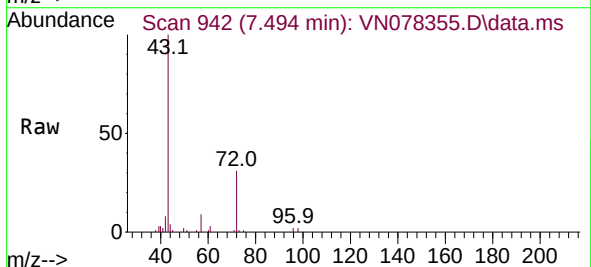
Acq: 22 Jun 2023 17:16

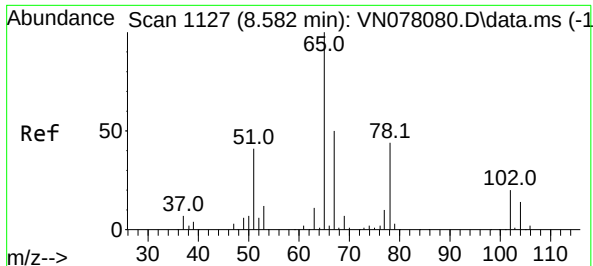
Tgt Ion: 43 Resp: 64927

Ion Ratio Lower Upper

43 100

72 31.5 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 51.003 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078355.D

Acq: 22 Jun 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

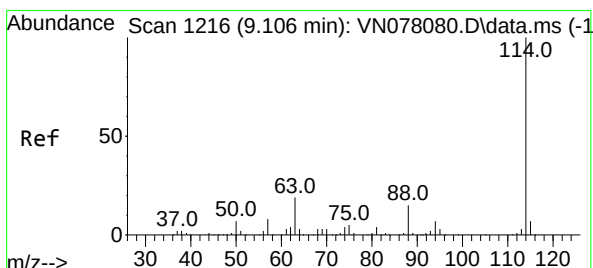
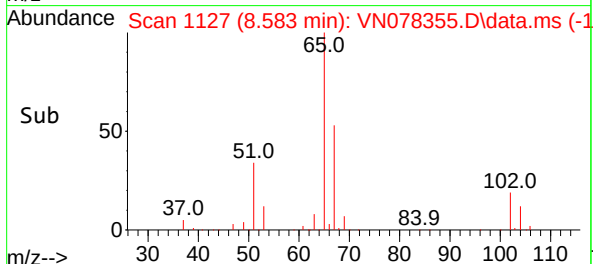
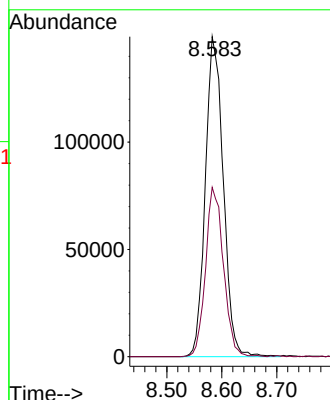
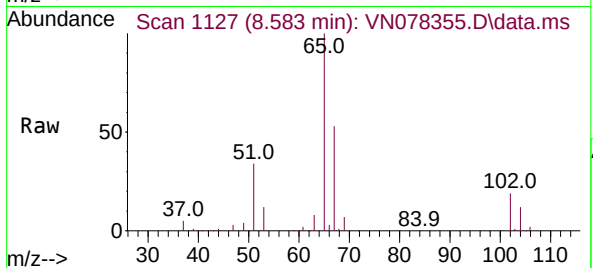
PB153671TB

Tgt Ion: 65 Resp: 338409

Ion Ratio Lower Upper

65 100

67 52.6 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: VN078355.D

Acq: 22 Jun 2023 17:16

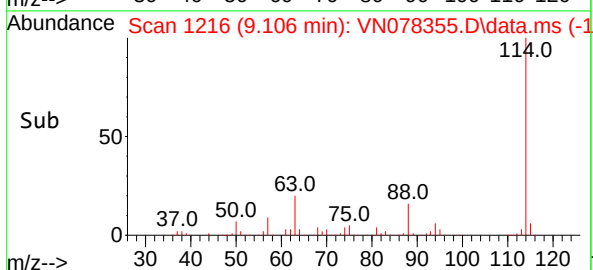
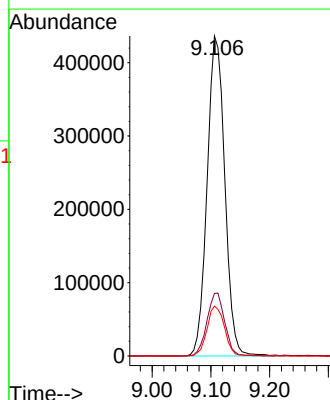
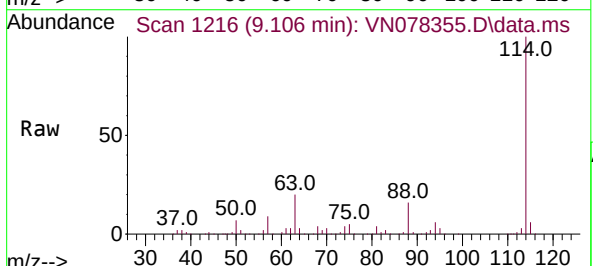
Tgt Ion: 114 Resp: 911275

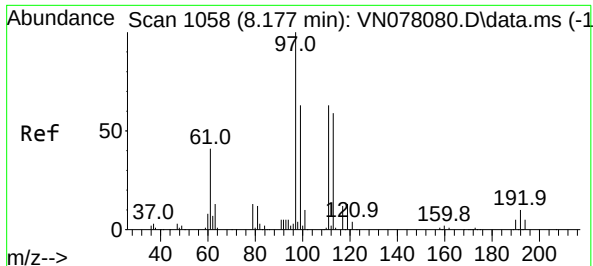
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.6 0.0 30.6

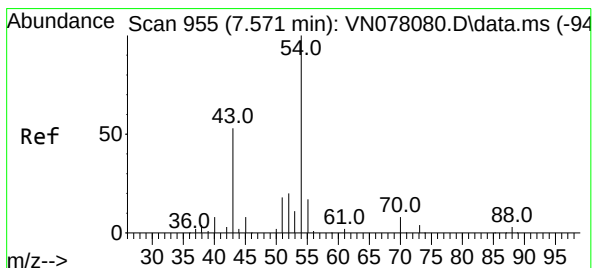
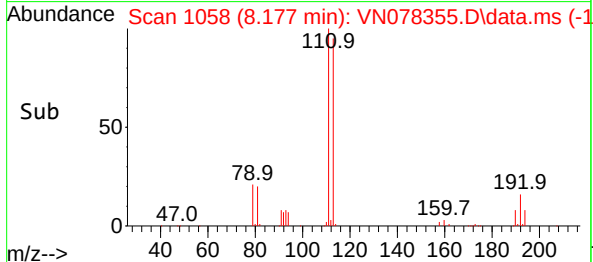
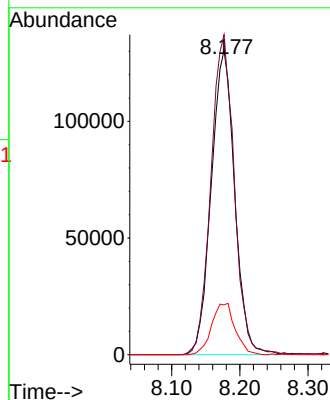
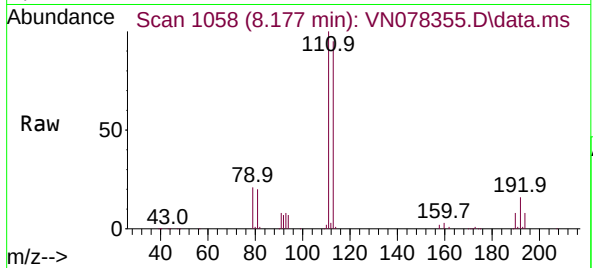




#35
Dibromofluoromethane
Concen: 54.076 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078355.D
Acq: 22 Jun 2023 17:16

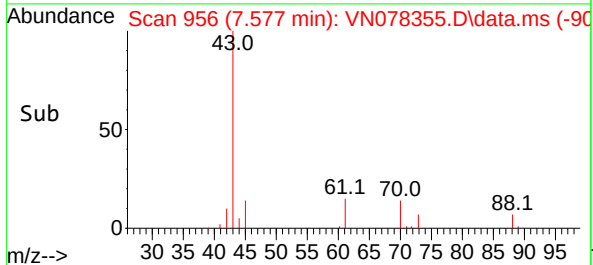
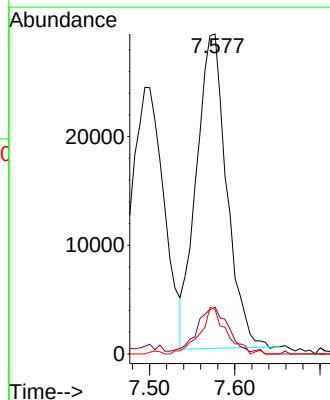
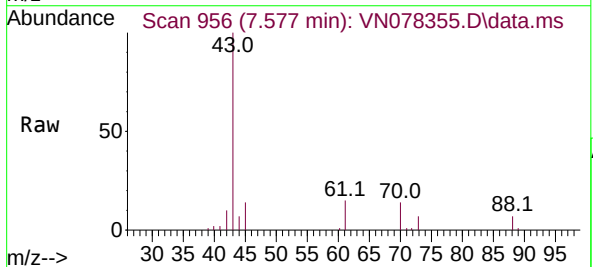
Instrument :
MSVOA_N
ClientSampleId :
PB153671TB

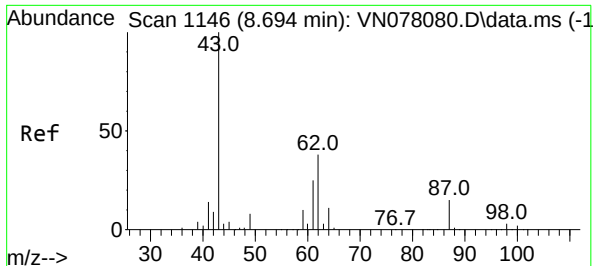
Tgt Ion:113 Resp: 311580
Ion Ratio Lower Upper
113 100
111 104.7 82.6 123.8
192 16.9 12.7 19.1



#37
Ethyl Acetate
Concen: 11.061 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078355.D
Acq: 22 Jun 2023 17:16

Tgt Ion: 43 Resp: 71416
Ion Ratio Lower Upper
43 100
61 15.9 13.2 19.8
70 12.7 11.3 16.9





#43

Isopropyl Acetate

Concen: 27.165 ug/l

RT: 8.700 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN078355.D

Acq: 22 Jun 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

PB153671TB

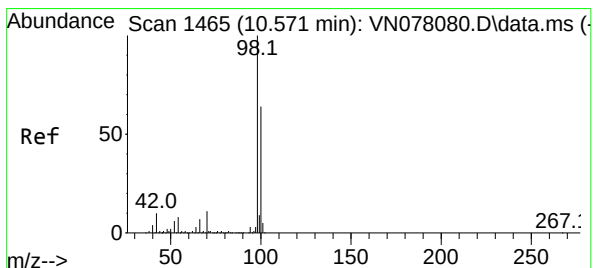
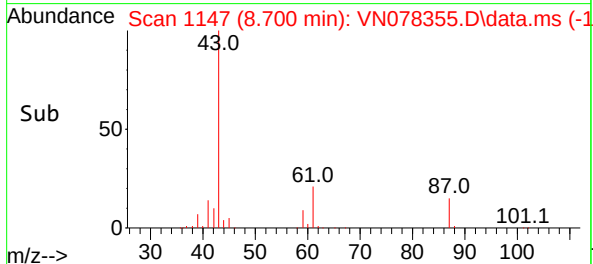
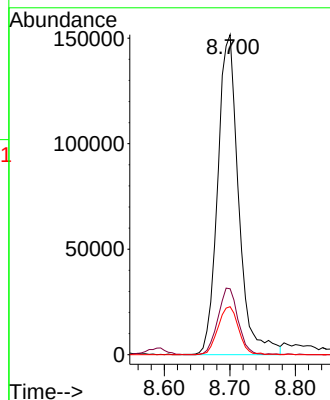
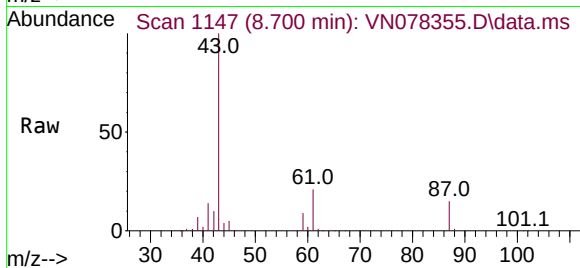
Tgt Ion: 43 Resp: 335417

Ion Ratio Lower Upper

43 100

61 19.9 24.7 37.1#

87 14.8 14.6 21.8



#50

Toluene-d8

Concen: 49.960 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078355.D

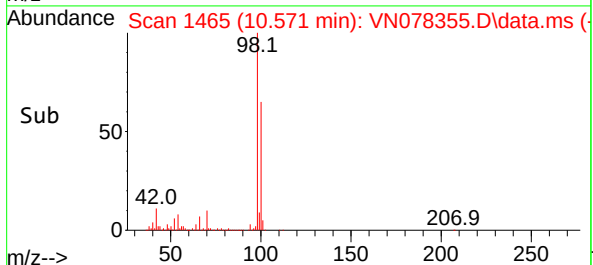
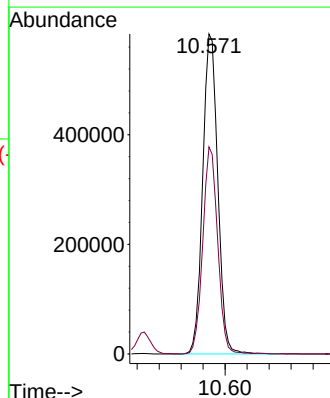
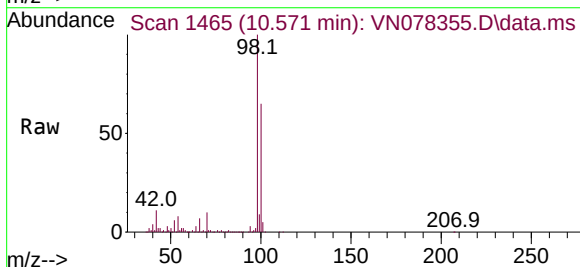
Acq: 22 Jun 2023 17:16

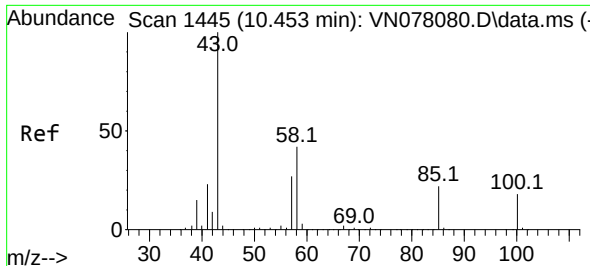
Tgt Ion: 98 Resp: 1109745

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 68.470 ug/l

RT: 10.447 min Scan# 1445

Delta R.T. -0.006 min

Lab File: VN078355.D

Acq: 22 Jun 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

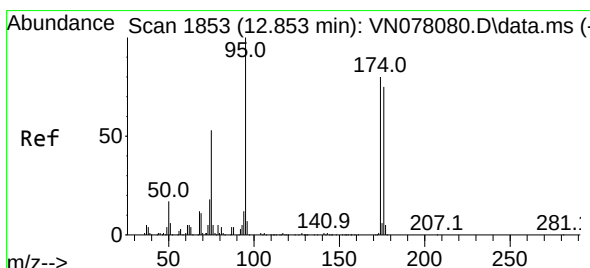
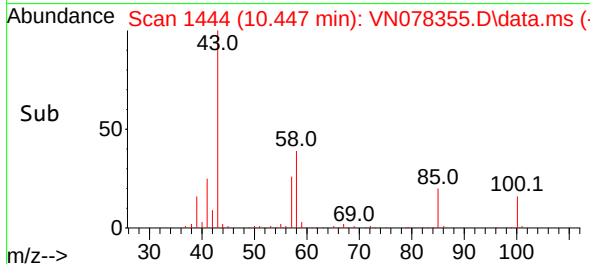
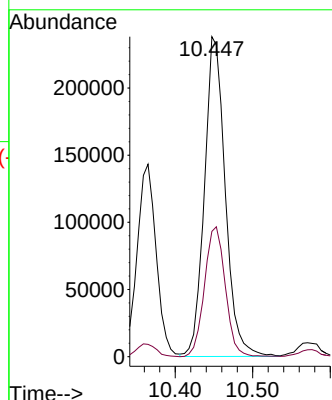
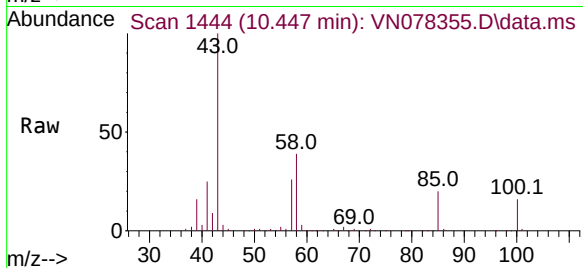
PB153671TB

Tgt Ion: 43 Resp: 445199

Ion Ratio Lower Upper

43 100

58 40.6 36.6 54.8



#62

4-Bromofluorobenzene

Concen: 53.035 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078355.D

Acq: 22 Jun 2023 17:16

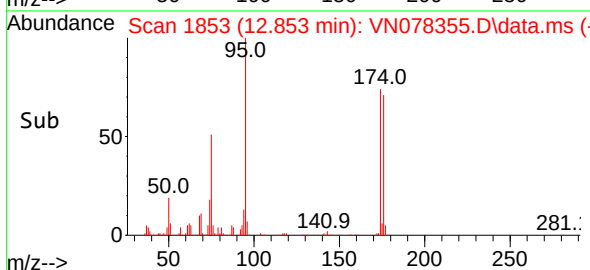
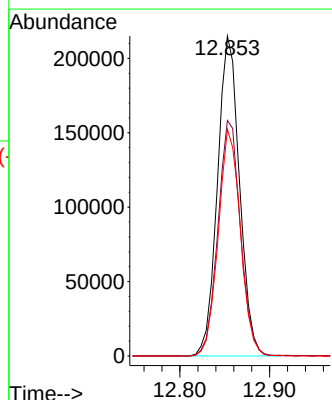
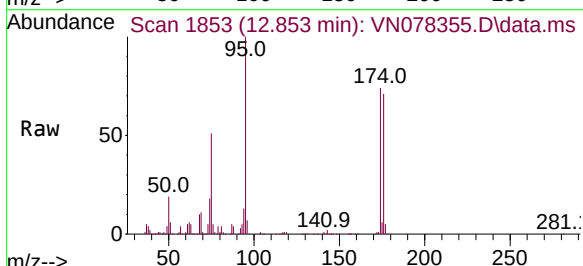
Tgt Ion: 95 Resp: 366227

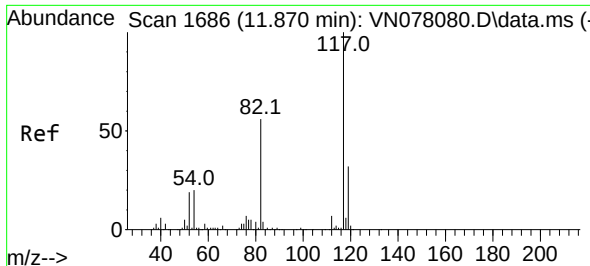
Ion Ratio Lower Upper

95 100

174 75.5 0.0 143.8

176 71.1 0.0 135.8

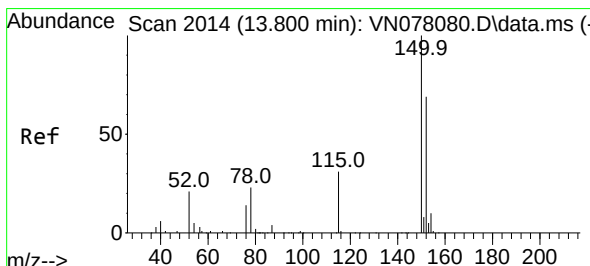
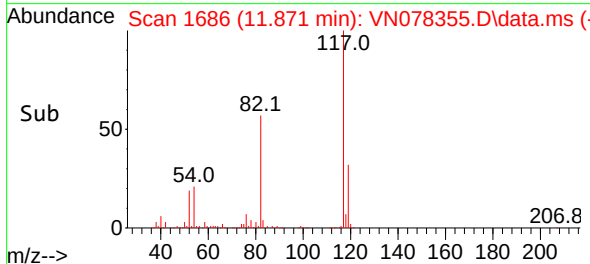
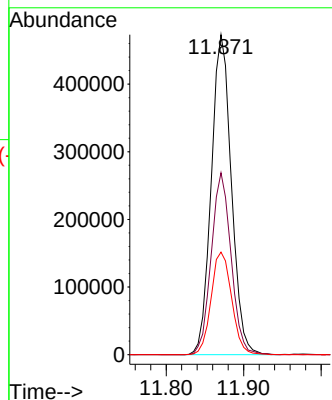
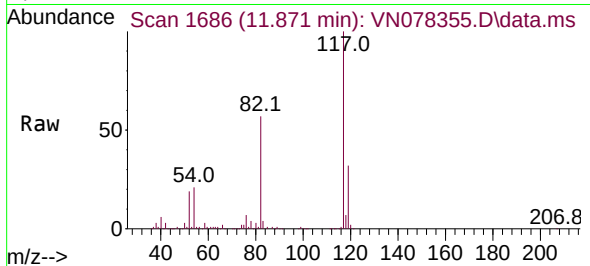




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078355.D
Acq: 22 Jun 2023 17:16

Instrument :
MSVOA_N
ClientSampleId :
PB153671TB

Tgt Ion:117 Resp: 854153
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078355.D
Acq: 22 Jun 2023 17:16

Tgt Ion:152 Resp: 281002
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 156.5 0.0 355.8

