

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077559.D
 Acq On : 03 May 2023 13:43
 Operator : JC\MD
 Sample : PB152533ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533ZHE#04

Quant Time: May 04 04:45:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

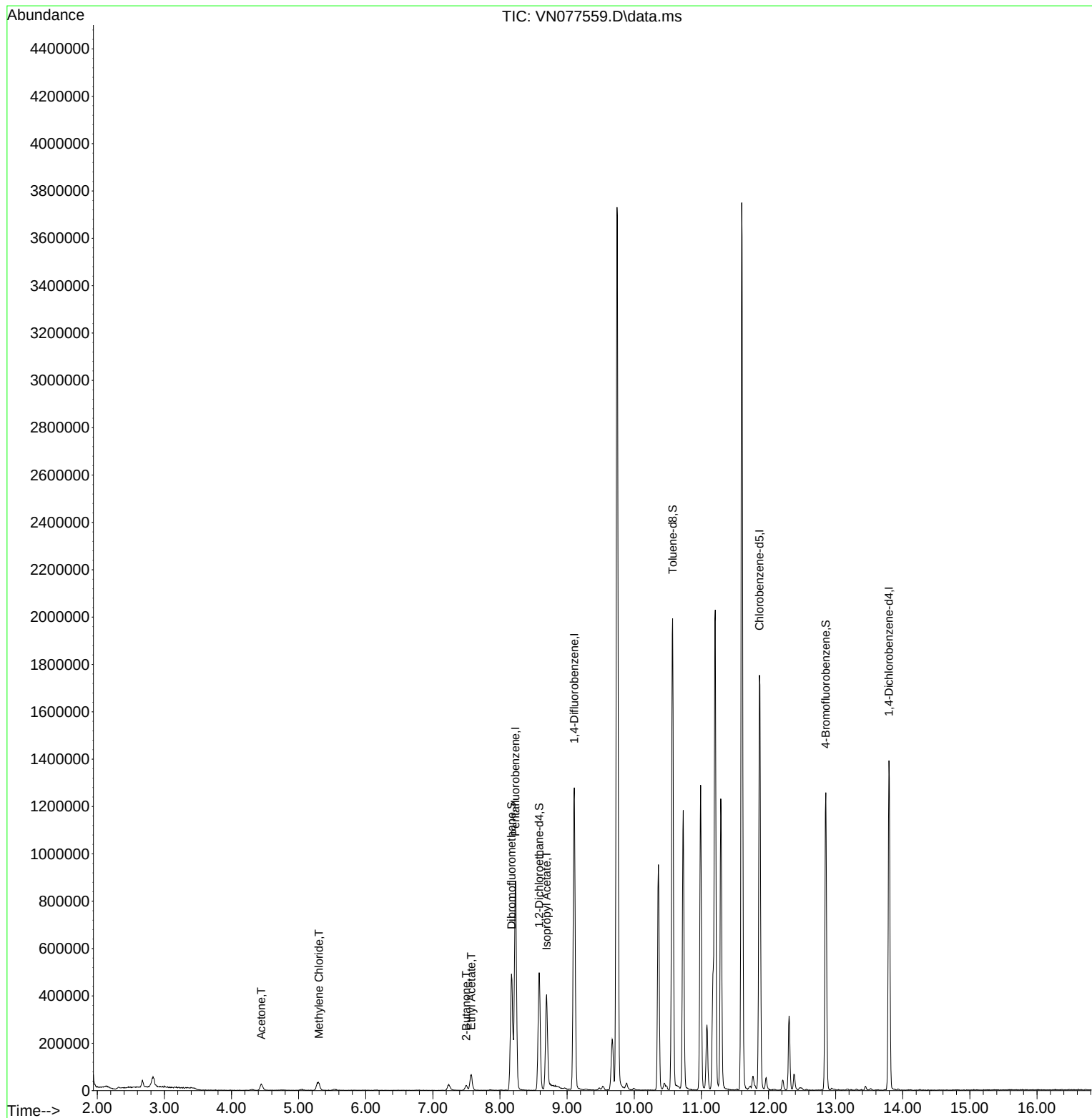
Internal Standards						
1) Pentafluorobenzene	8.230	168	619517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1166767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1104916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	383663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	409846	50.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.400%			
35) Dibromofluoromethane	8.172	113	356956	50.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	10.571	98	1470430	54.709	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.420%			
62) 4-Bromofluorobenzene	12.854	95	458791	52.174	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.340%			
Target Compounds					Qvalue	
16) Acetone	4.442	43	45167	17.562	ug/l	97
20) Methylene Chloride	5.301	84	33634	4.124	ug/l #	79
25) 2-Butanone	7.495	43	30186	8.275	ug/l	92
37) Ethyl Acetate	7.572	43	94626	12.291	ug/l	97
43) Isopropyl Acetate	8.695	43	446634	33.534	ug/l #	89

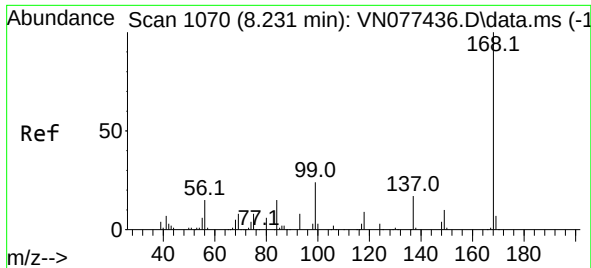
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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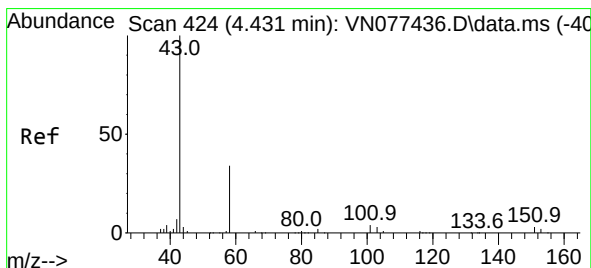
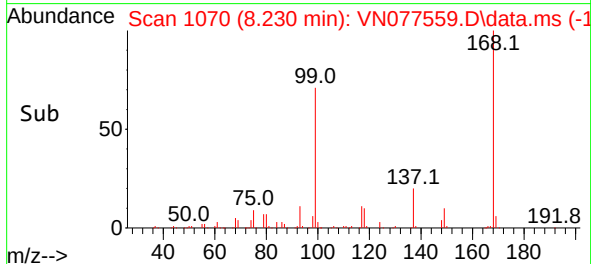
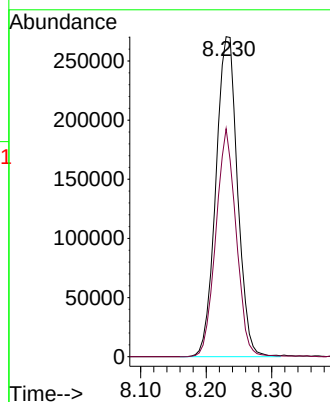
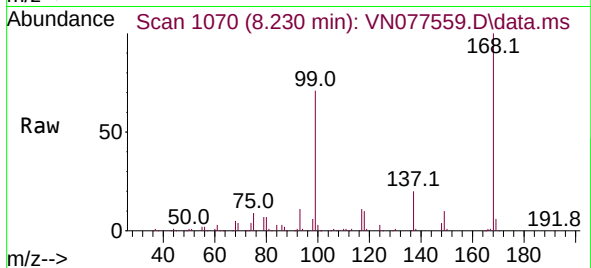




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077559.D
Acq: 03 May 2023 13:43

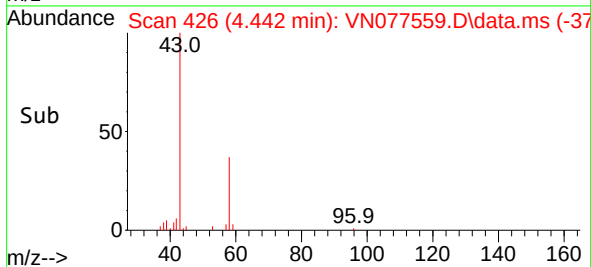
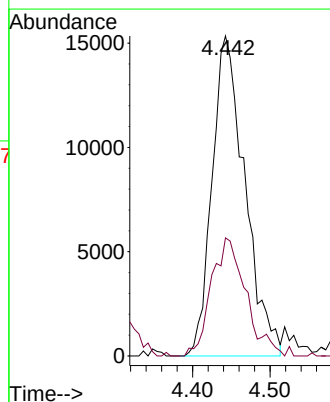
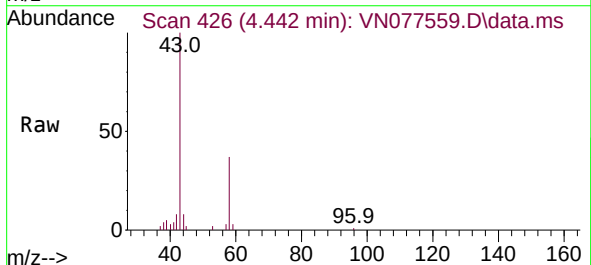
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#04

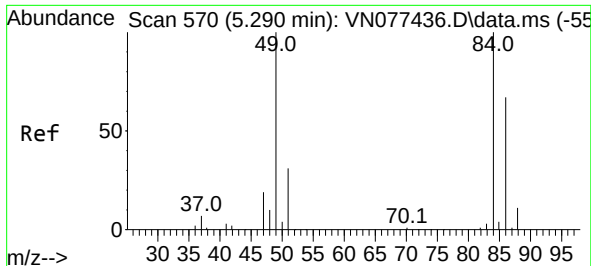
Tgt Ion:168 Resp: 619517
Ion Ratio Lower Upper
168 100
99 71.2 53.0 79.6



#16
Acetone
Concen: 17.562 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077559.D
Acq: 03 May 2023 13:43

Tgt Ion: 43 Resp: 45167
Ion Ratio Lower Upper
43 100
58 36.9 28.0 42.0





#20

Methylene Chloride

Concen: 4.124 ug/l

RT: 5.301 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN077559.D

Acq: 03 May 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

PB152533ZHE#04

Tgt Ion: 84 Resp: 33634

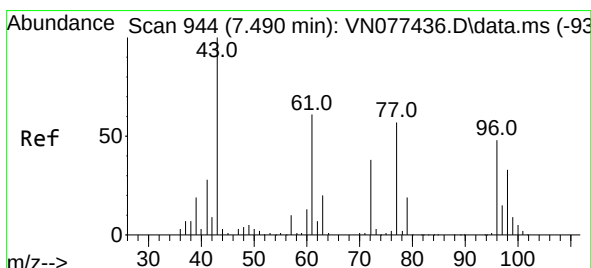
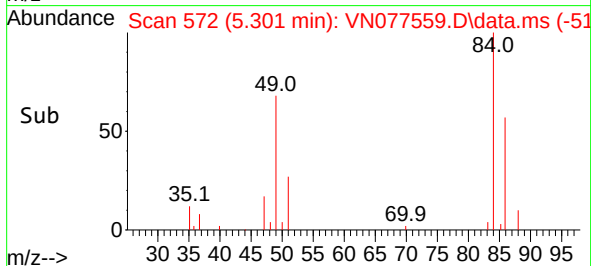
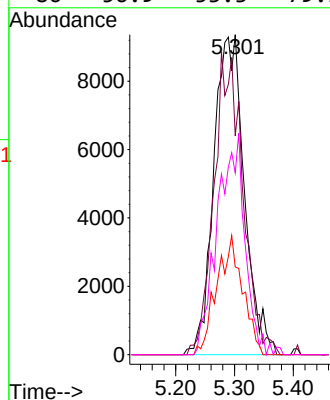
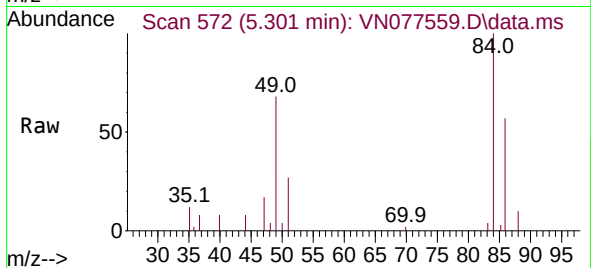
Ion Ratio Lower Upper

84 100

49 68.3 79.7 119.5#

51 27.4 25.2 37.8

86 56.9 53.3 79.9



#25

2-Butanone

Concen: 8.275 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN077559.D

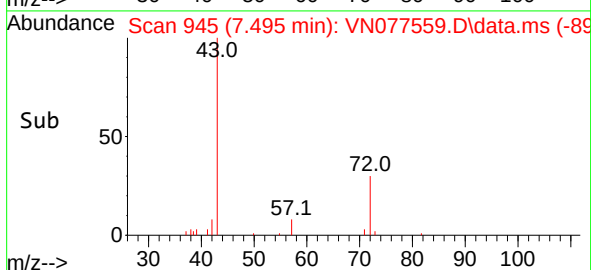
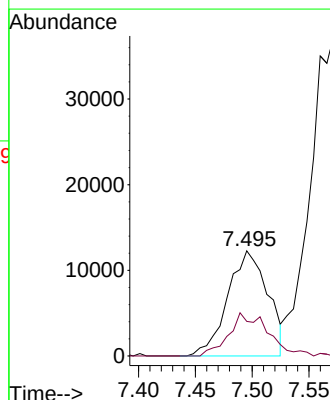
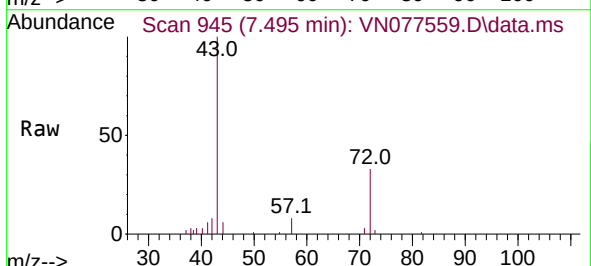
Acq: 03 May 2023 13:43

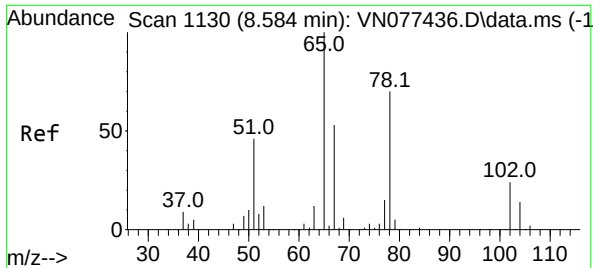
Tgt Ion: 43 Resp: 30186

Ion Ratio Lower Upper

43 100

72 32.8 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 50.699 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077559.D

Acq: 03 May 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

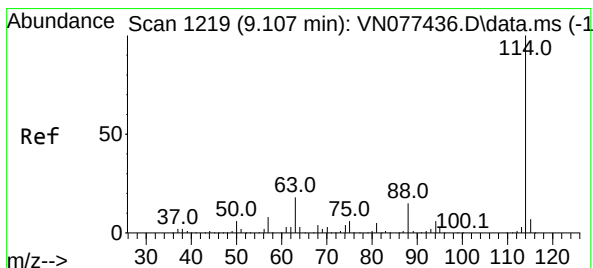
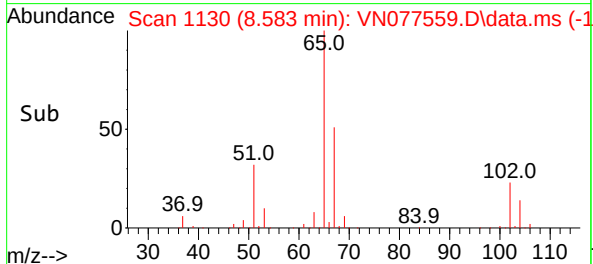
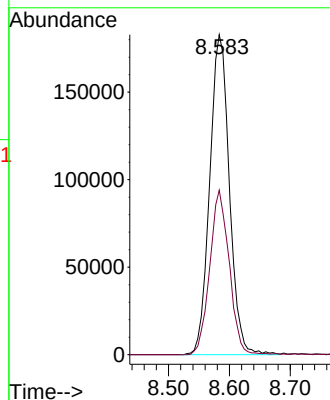
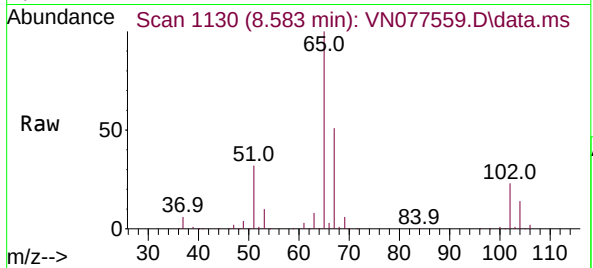
PB152533ZHE#04

Tgt Ion: 65 Resp: 409846

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077559.D

Acq: 03 May 2023 13:43

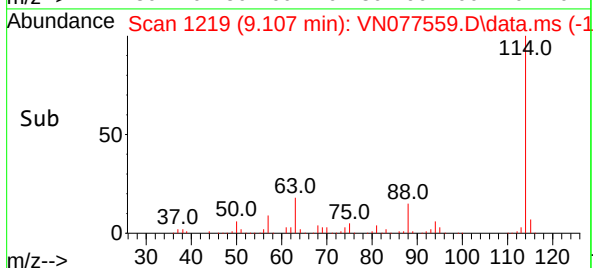
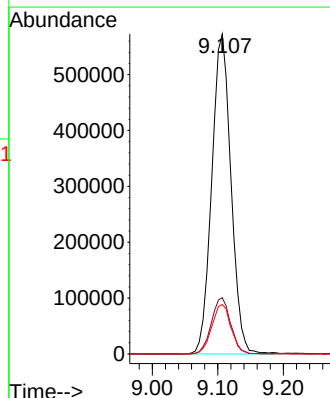
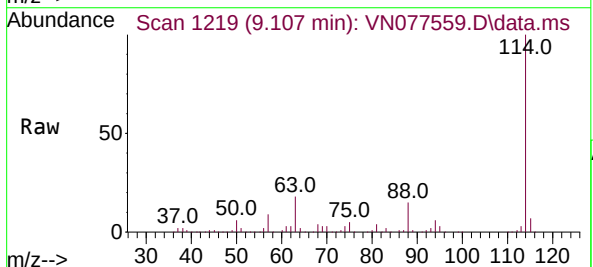
Tgt Ion: 114 Resp: 1166767

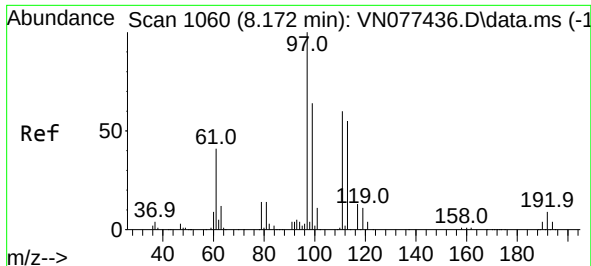
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.901 ug/l

RT: 8.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077559.D

Acq: 03 May 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

PB152533ZHE#04

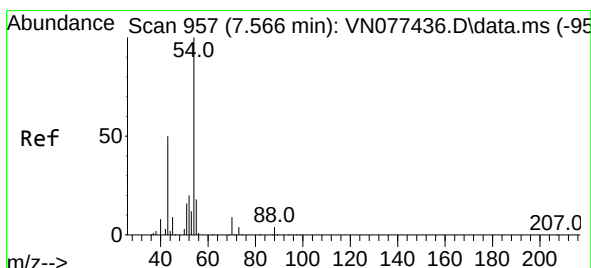
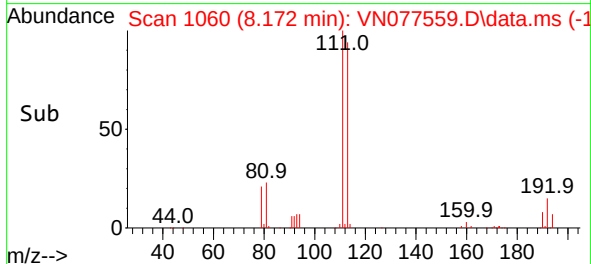
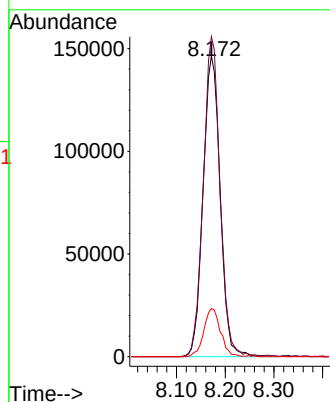
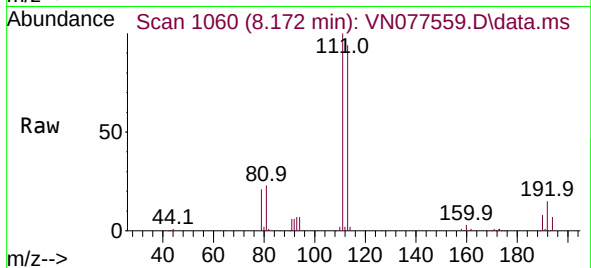
Tgt Ion:113 Resp: 356956

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 15.6 12.7 19.1



#37

Ethyl Acetate

Concen: 12.291 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077559.D

Acq: 03 May 2023 13:43

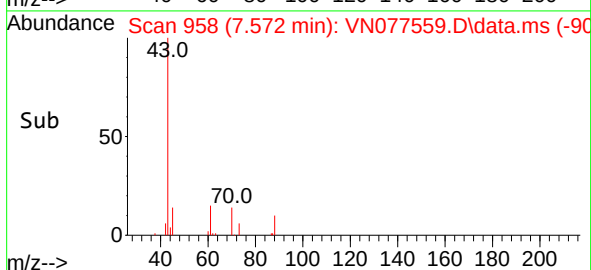
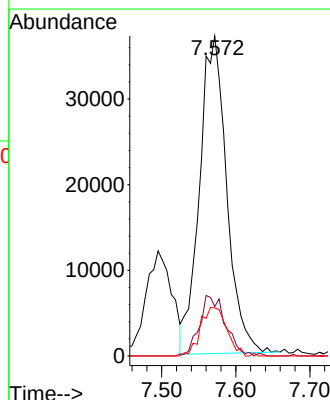
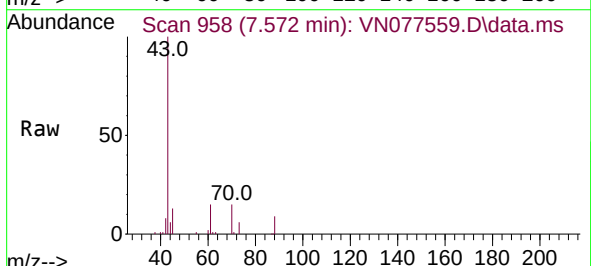
Tgt Ion: 43 Resp: 94626

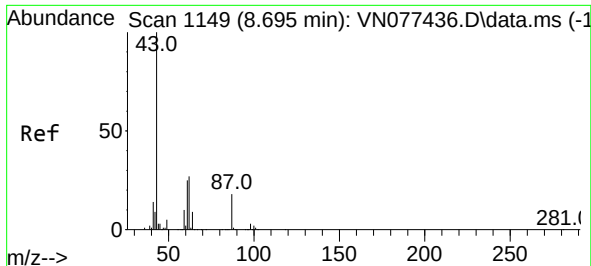
Ion Ratio Lower Upper

43 100

61 18.0 13.2 19.8

70 14.7 11.3 16.9

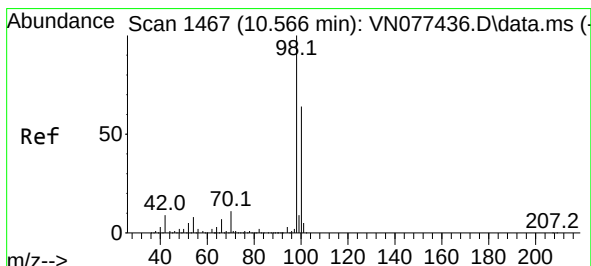
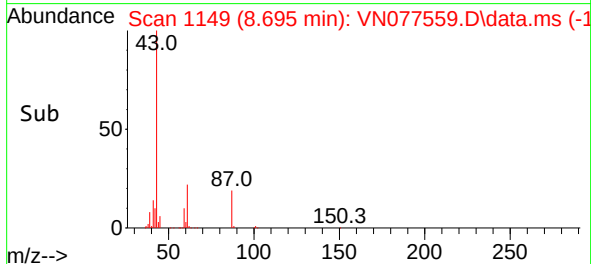
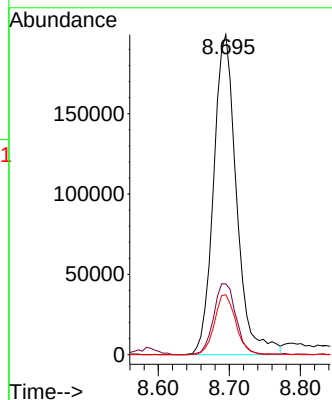
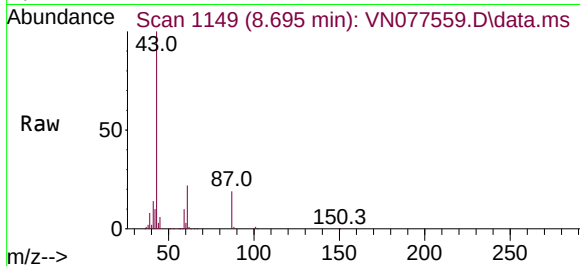




#43
Isopropyl Acetate
Concen: 33.534 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077559.D
Acq: 03 May 2023 13:43

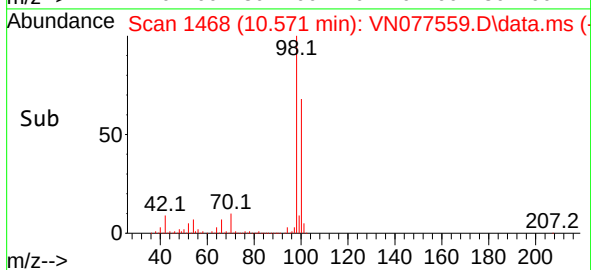
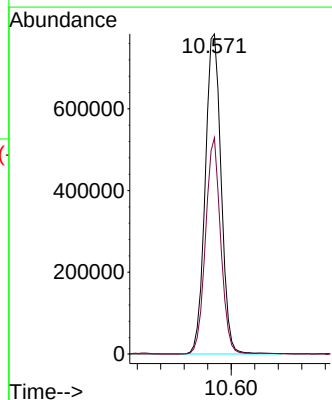
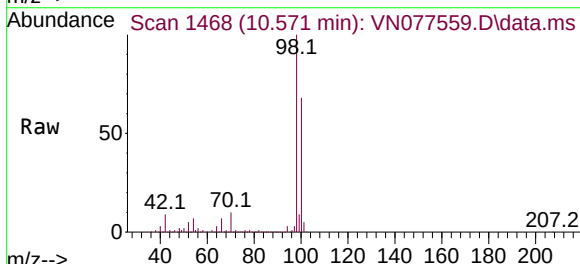
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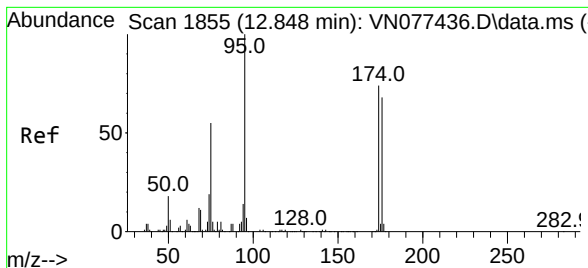
Tgt Ion: 43 Resp: 446634
Ion Ratio Lower Upper
43 100
61 21.5 24.7 37.1#
87 17.4 14.6 21.8



#50
Toluene-d8
Concen: 54.709 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077559.D
Acq: 03 May 2023 13:43

Tgt Ion: 98 Resp: 1470430
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

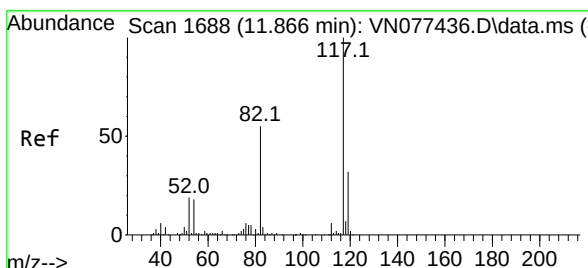
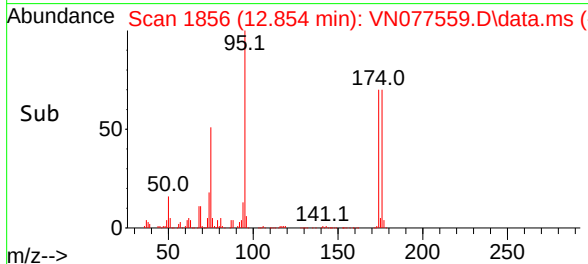
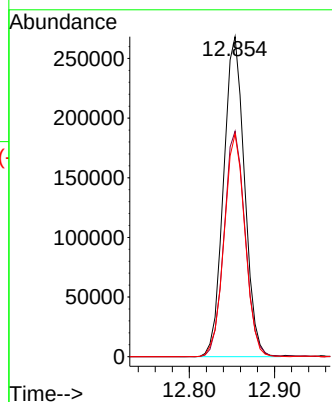
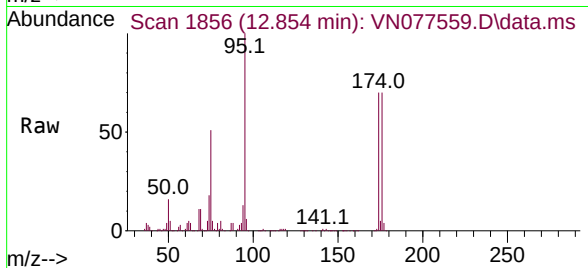




#62
4-Bromofluorobenzene
Concen: 52.174 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077559.D
Acq: 03 May 2023 13:43

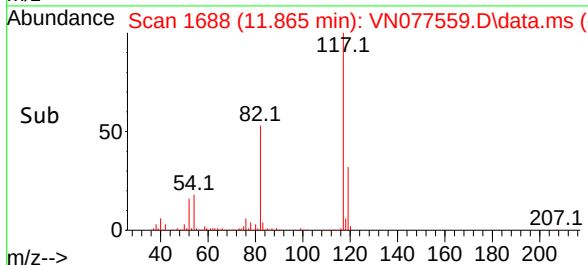
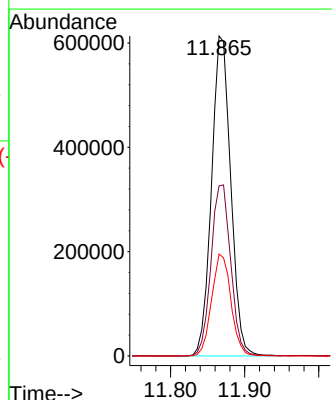
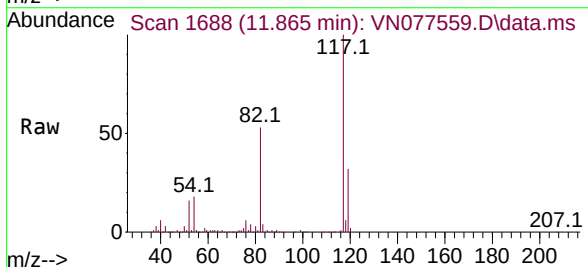
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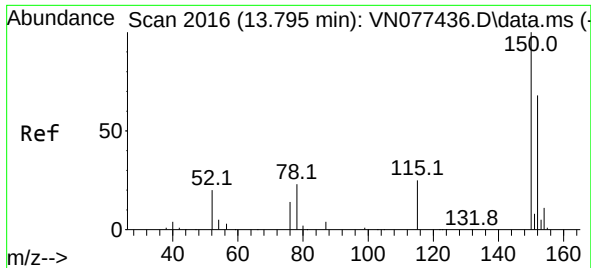
Tgt Ion: 95 Resp: 458791
Ion Ratio Lower Upper
95 100
174 70.8 0.0 143.8
176 69.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077559.D
Acq: 03 May 2023 13:43

Tgt Ion: 117 Resp: 1104916
Ion Ratio Lower Upper
117 100
82 53.1 44.0 66.0
119 31.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077559.D

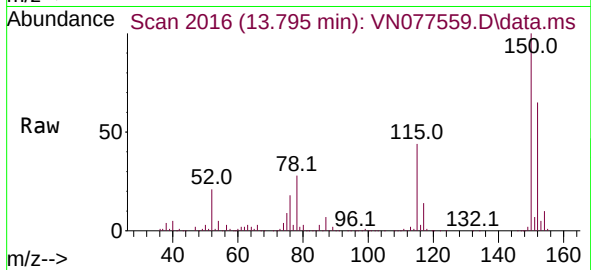
Acq: 03 May 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

PB152533ZHE#04



Tgt Ion:152 Resp: 383663

Ion Ratio Lower Upper

152 100

115 64.7 32.3 96.8

150 158.7 0.0 355.8

