

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025561.D
 Acq On : 06 Dec 2021 20:02
 Operator : JC/MD
 Sample : PB141182ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141182ZHE#11

Quant Time: Dec 07 06:05:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

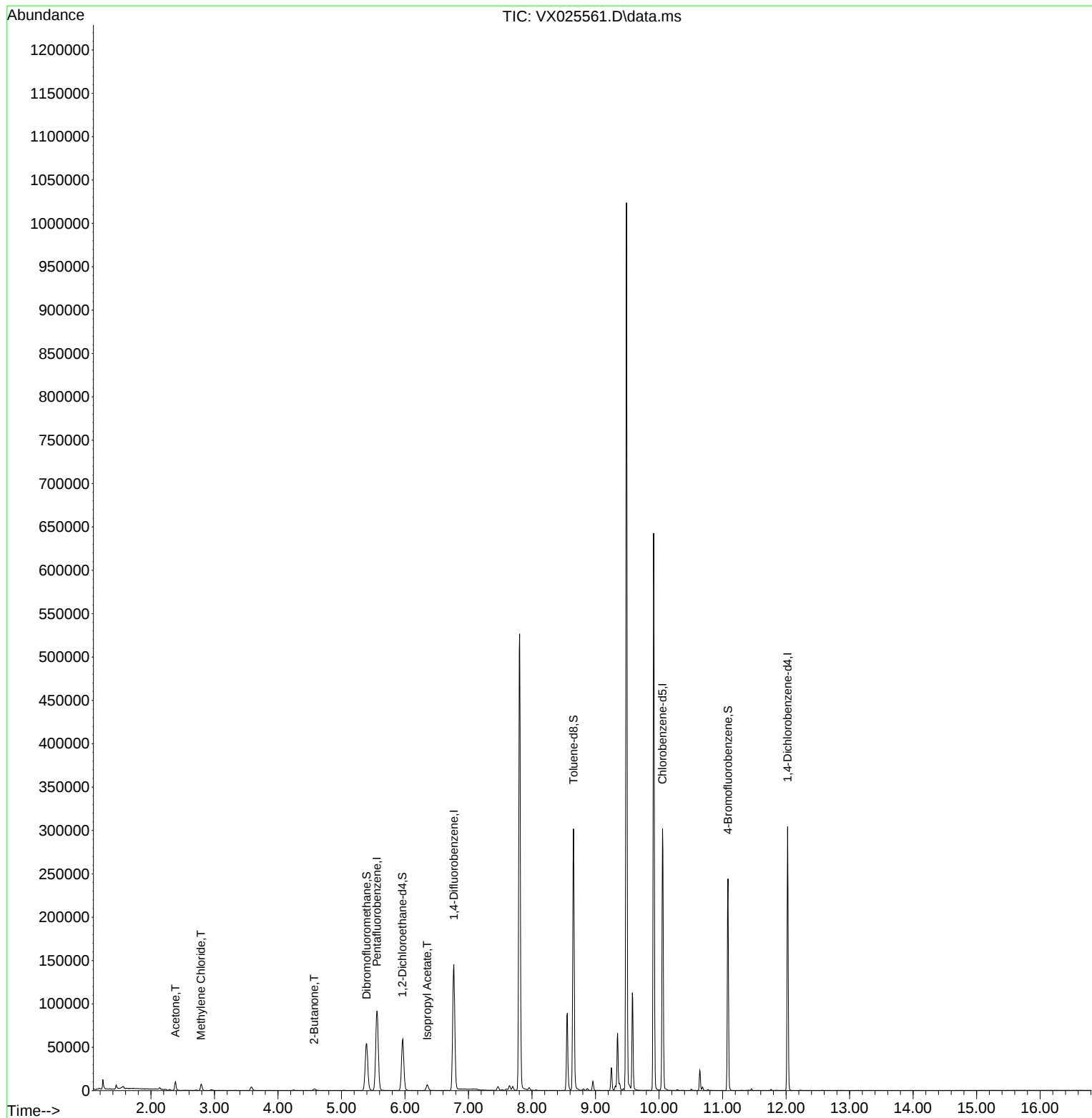
Internal Standards						
1) Pentafluorobenzene	5.556	168	93602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	154083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54792	55.535	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.060%
35) Dibromofluoromethane	5.397	113	46616	49.308	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	8.653	98	180303	50.724	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.440%
62) 4-Bromofluorobenzene	11.085	95	62697	46.624	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.240%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	10267	18.728	ug/l	91
20) Methylene Chloride	2.788	84	3357	3.257	ug/l	93
25) 2-Butanone	4.568	43	2891	3.647	ug/l	92
43) Isopropyl Acetate	6.348	43	8723	3.427	ug/l	97

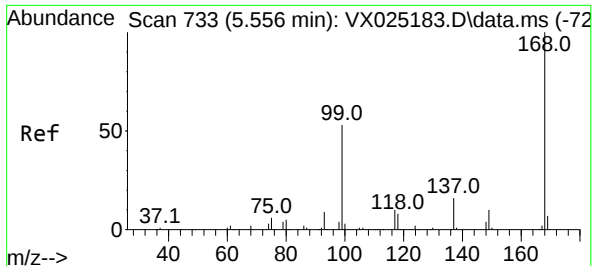
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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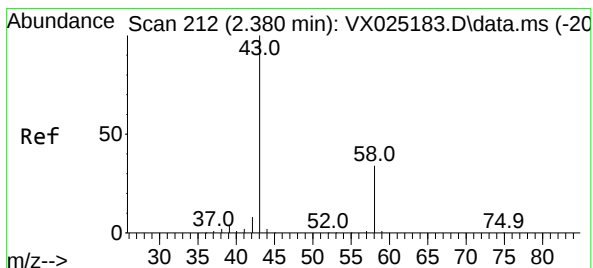
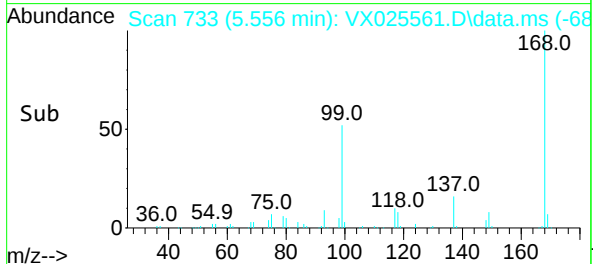
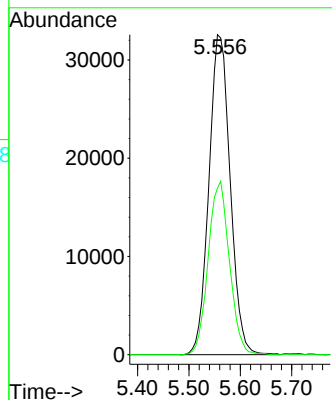
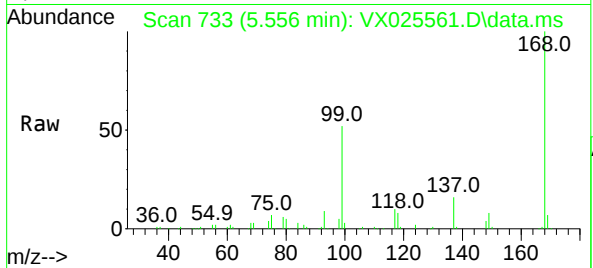




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX025561.D
Acq: 06 Dec 2021 20:02

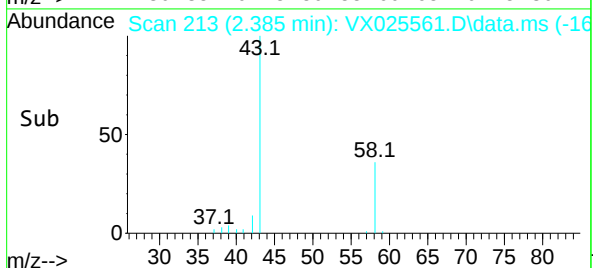
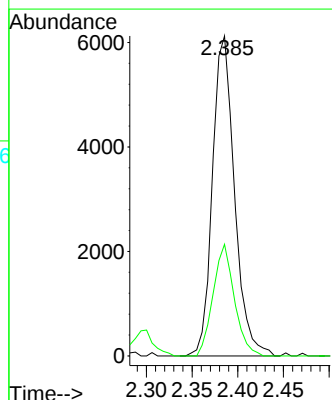
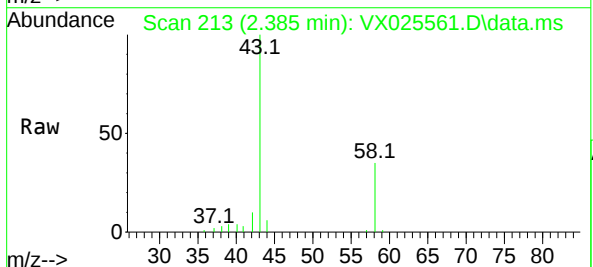
Instrument :
MSVOA_X
ClientSampleId :
PB141182ZHE#11

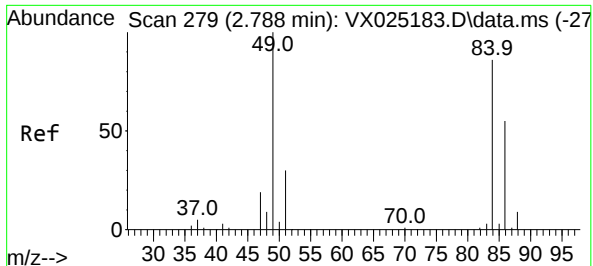
Tgt Ion:168 Resp: 93602
Ion Ratio Lower Upper
168 100
99 52.0 46.4 69.6



#16
Acetone
Concen: 18.728 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.005 min
Lab File: VX025561.D
Acq: 06 Dec 2021 20:02

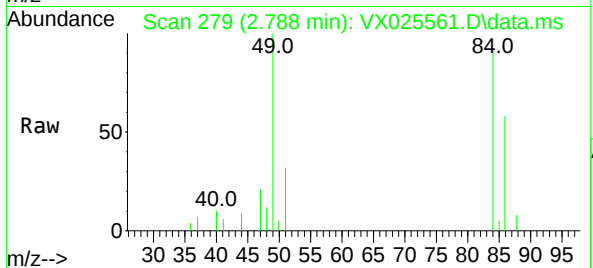
Tgt Ion: 43 Resp: 10267
Ion Ratio Lower Upper
43 100
58 34.9 24.0 36.0



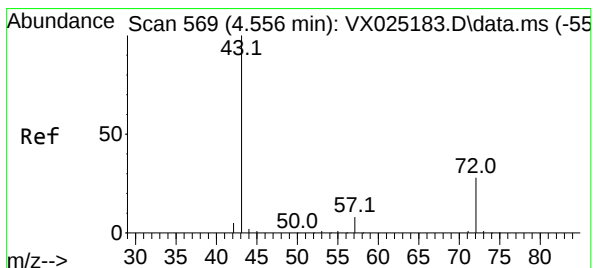
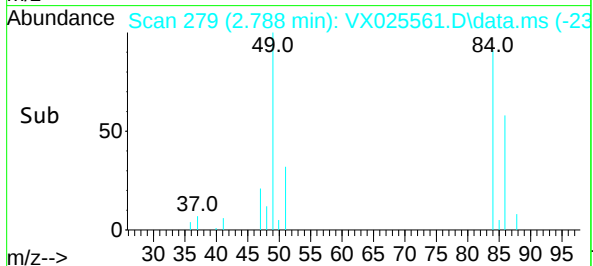
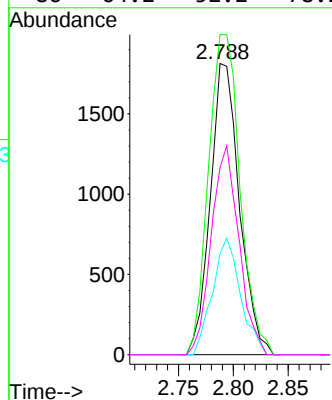


#20
Methylene Chloride
Concen: 3.257 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025561.D
Acq: 06 Dec 2021 20:02

Instrument :
MSVOA_X
ClientSampleId :
PB141182ZHE#11

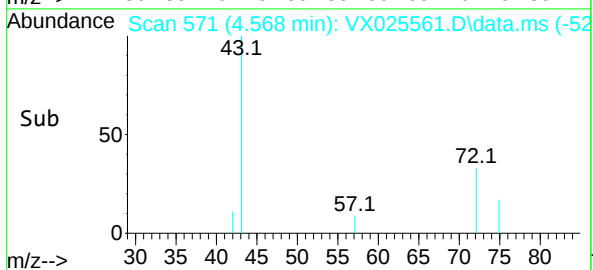
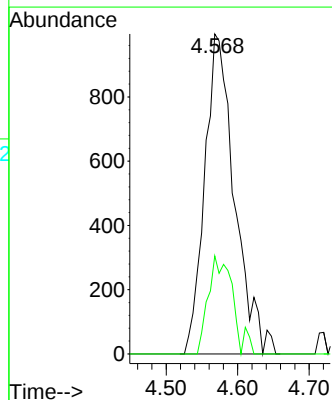
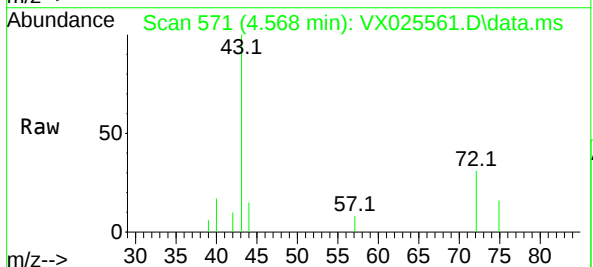


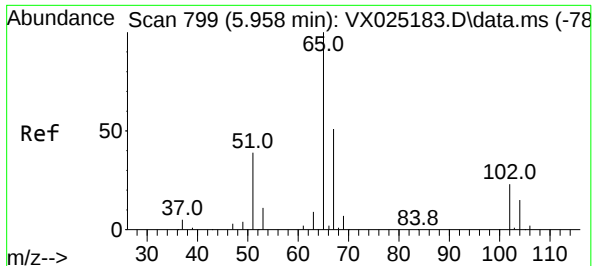
Tgt Ion: 84	Resp: 3357
Ion Ratio	Lower Upper
84 100	
49 109.9	98.2 147.2
51 34.7	30.2 45.4
86 64.2	52.2 78.2



#25
2-Butanone
Concen: 3.647 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX025561.D
Acq: 06 Dec 2021 20:02

Tgt Ion: 43	Resp: 2891
Ion Ratio	Lower Upper
43 100	
72 30.6	21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 55.535 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025561.D

Acq: 06 Dec 2021 20:02

Instrument :

MSVOA_X

ClientSampleId :

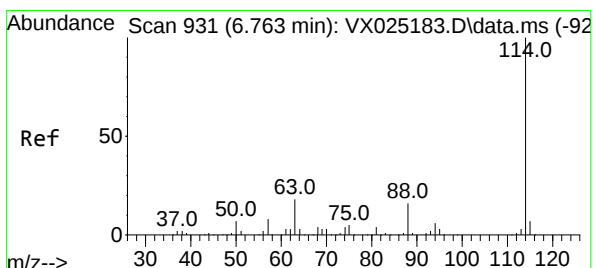
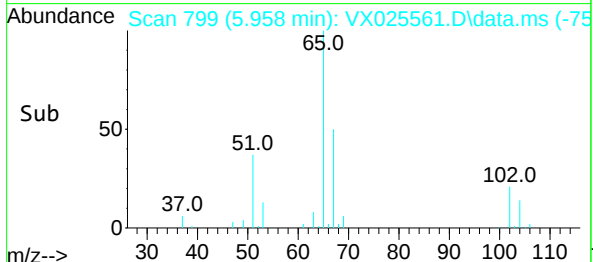
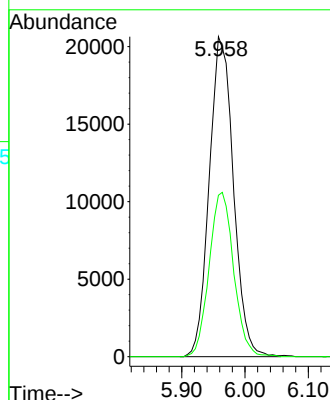
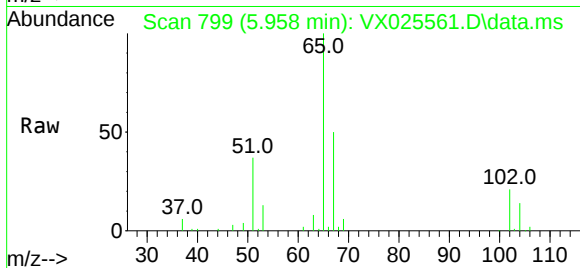
PB141182ZHE#11

Tgt Ion: 65 Resp: 54792

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX025561.D

Acq: 06 Dec 2021 20:02

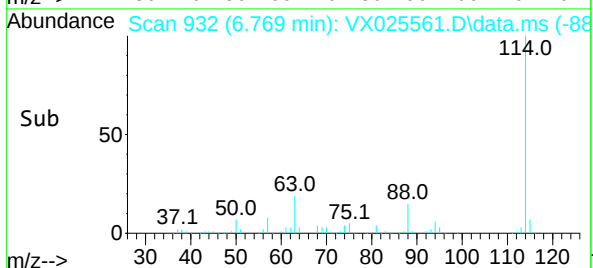
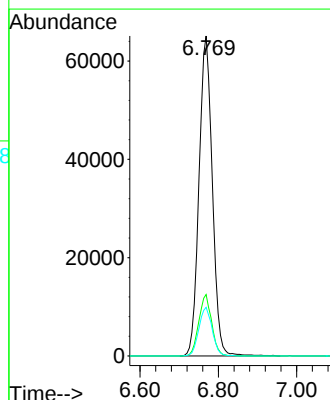
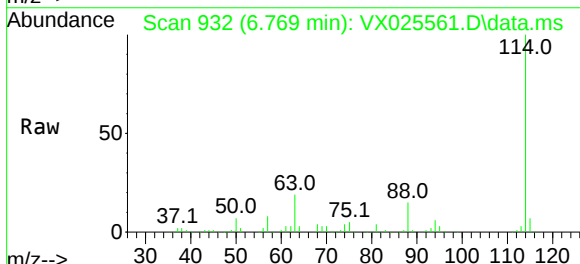
Tgt Ion: 114 Resp: 154083

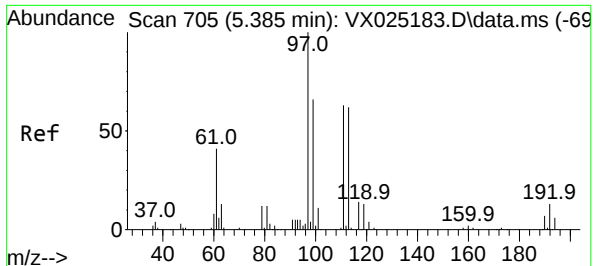
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.0

88 15.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.308 ug/l

RT: 5.397 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX025561.D

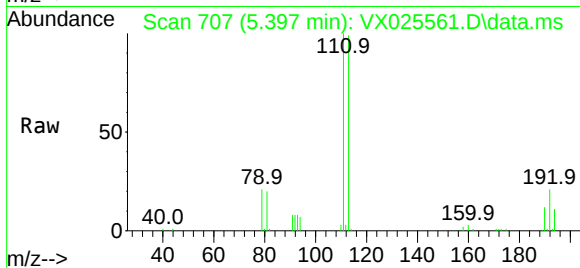
Acq: 06 Dec 2021 20:02

Instrument :

MSVOA_X

ClientSampleId :

PB141182ZHE#11



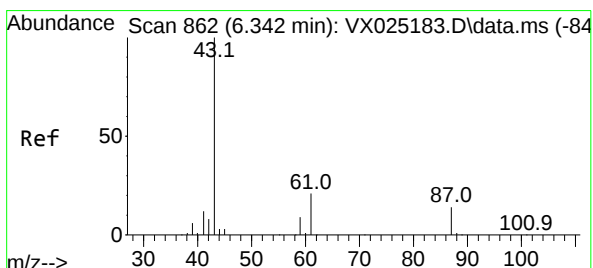
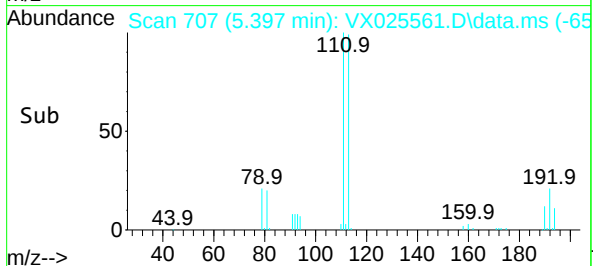
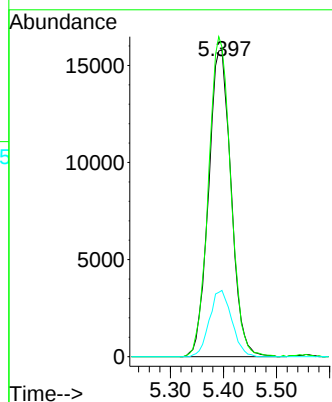
Tgt Ion:113 Resp: 46616

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

192 21.4 15.6 23.4



#43

Isopropyl Acetate

Concen: 3.427 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX025561.D

Acq: 06 Dec 2021 20:02

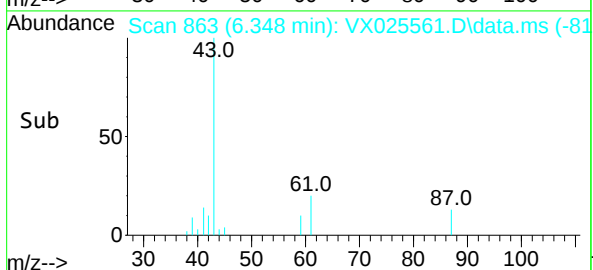
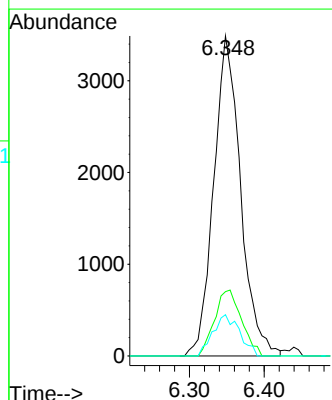
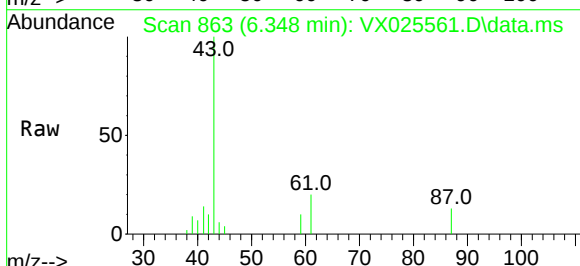
Tgt Ion: 43 Resp: 8723

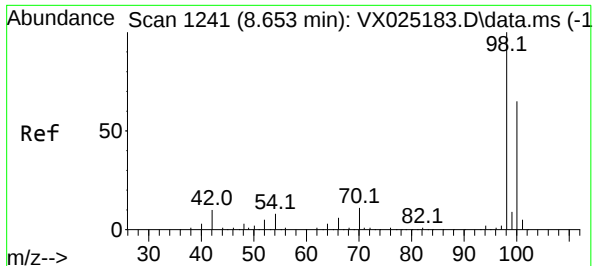
Ion Ratio Lower Upper

43 100

61 20.6 15.3 22.9

87 12.7 10.9 16.3

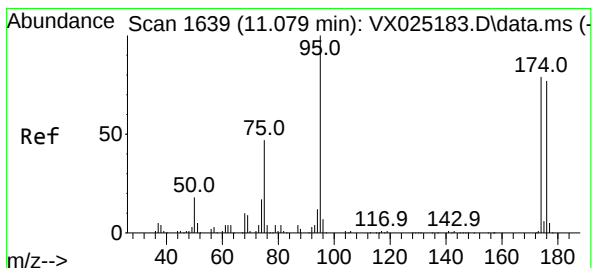
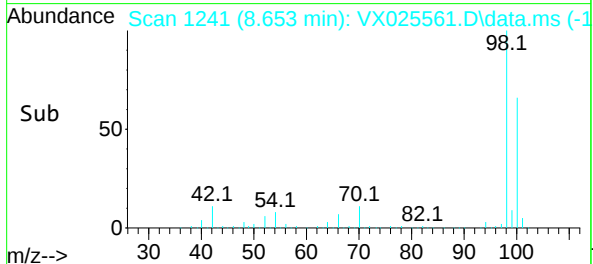
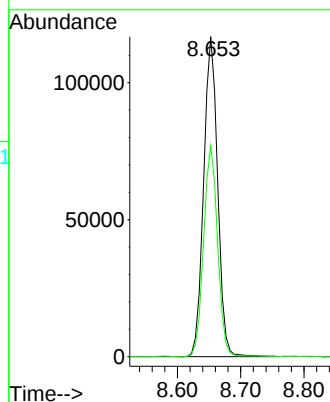
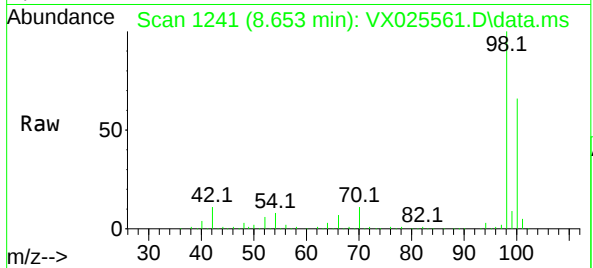




#50
Toluene-d8
Concen: 50.724 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025561.D
Acq: 06 Dec 2021 20:02

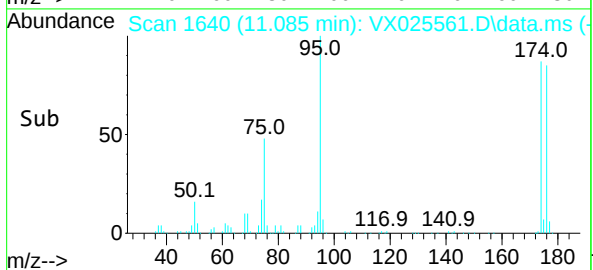
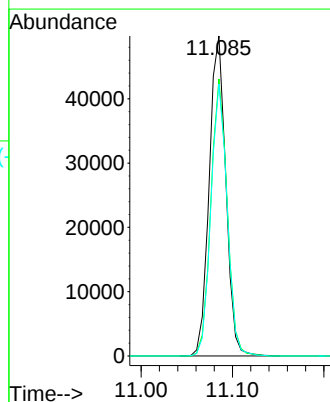
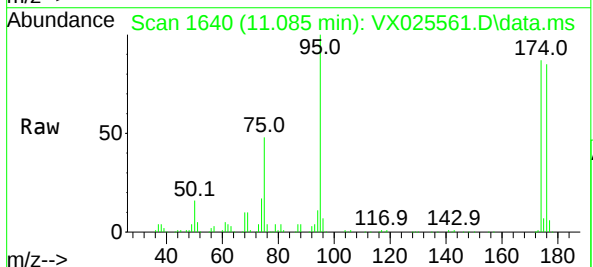
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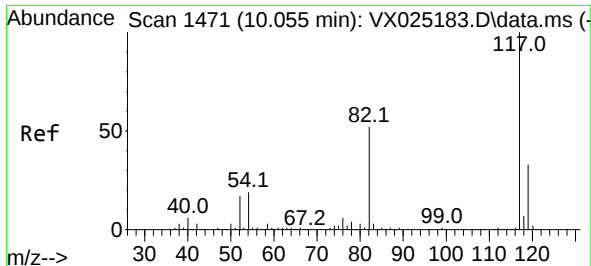
Tgt Ion: 98 Resp: 180303
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.624 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025561.D
Acq: 06 Dec 2021 20:02

Tgt Ion: 95 Resp: 62697
Ion Ratio Lower Upper
95 100
174 84.8 0.0 158.0
176 82.9 0.0 153.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX025561.D

Acq: 06 Dec 2021 20:02

Instrument :

MSVOA_X

ClientSampleId :

PB141182ZHE#11

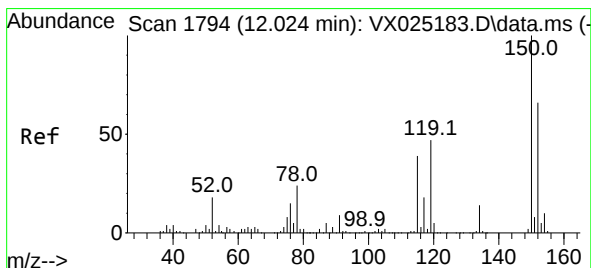
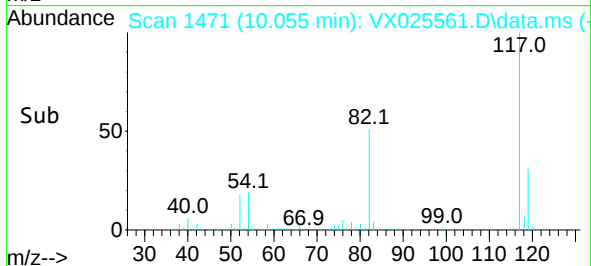
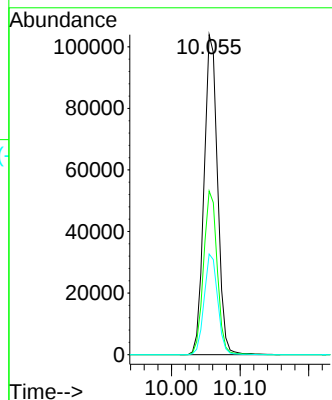
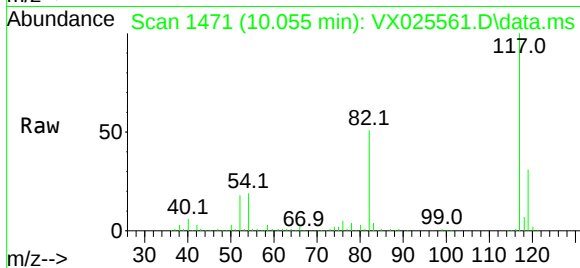
Tgt Ion:117 Resp: 142820

Ion Ratio Lower Upper

117 100

82 51.1 44.6 67.0

119 31.5 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX025561.D

Acq: 06 Dec 2021 20:02

Tgt Ion:152 Resp: 62994

Ion Ratio Lower Upper

152 100

115 58.6 43.3 129.8

150 156.0 0.0 351.2

