

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032627.D
 Acq On : 07 Nov 2022 15:14
 Operator : JC/MD
 Sample : N5484-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P2-2A

Quant Time: Nov 08 03:13:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

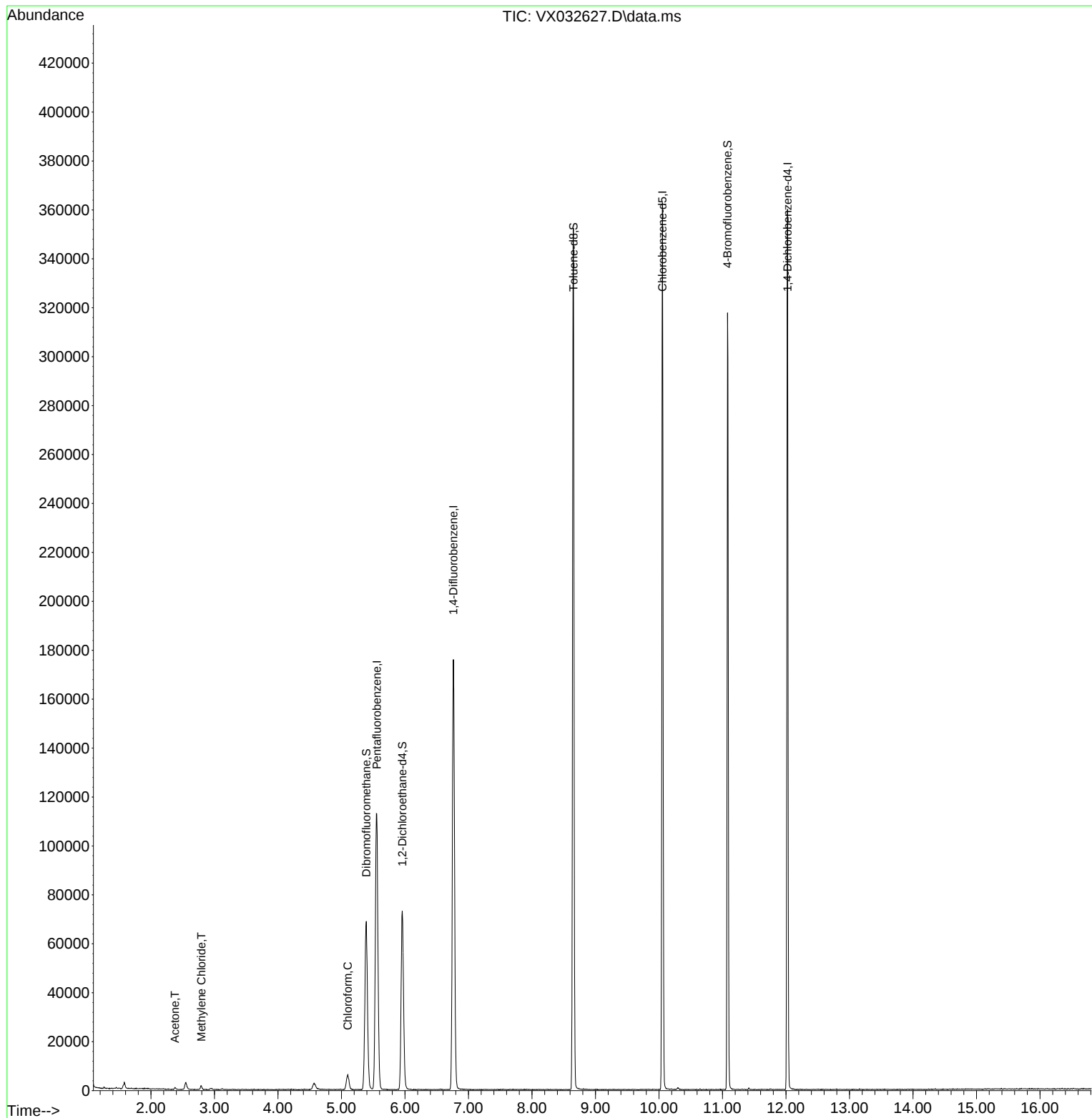
Internal Standards						
1) Pentafluorobenzene	5.556	168	106927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73922	49.755	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.500%		
35) Dibromofluoromethane	5.391	113	57767	45.790	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.580%		
50) Toluene-d8	8.653	98	211649	48.247	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.500%		
62) 4-Bromofluorobenzene	11.079	95	79432	46.355	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.700%		
Target Compounds						
16) Acetone	2.380	43	1003	1.857	ug/l	92
20) Methylene Chloride	2.794	84	796	0.643	ug/l #	91
30) Chloroform	5.099	83	7449	3.192	ug/l #	80

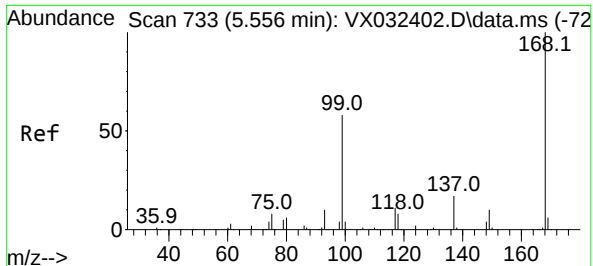
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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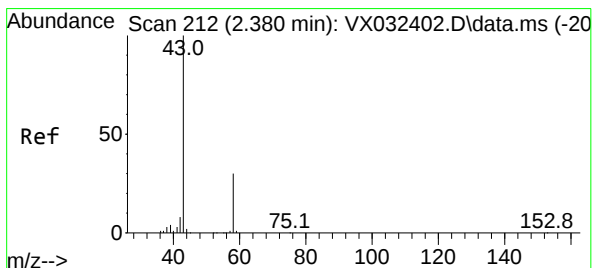
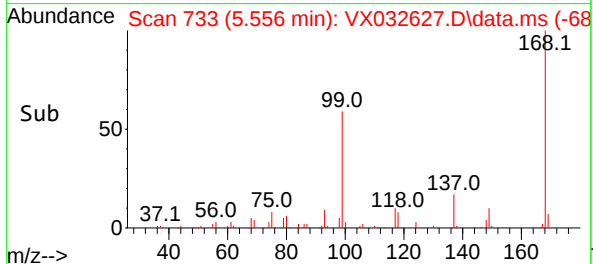
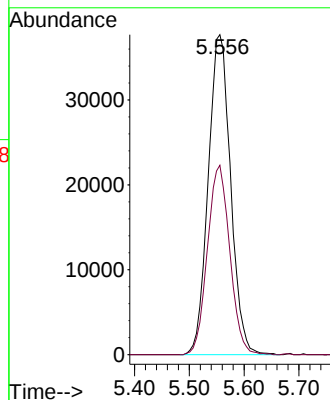
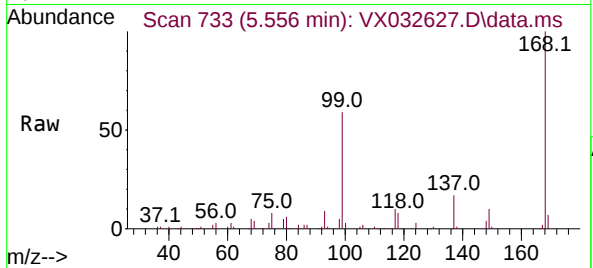




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032627.D
Acq: 07 Nov 2022 15:14

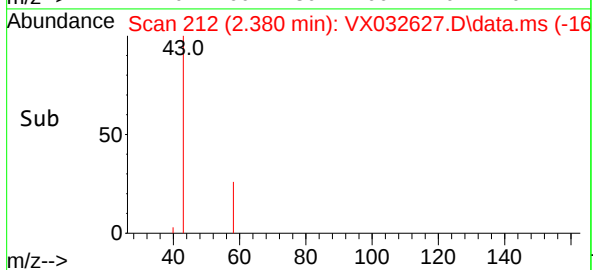
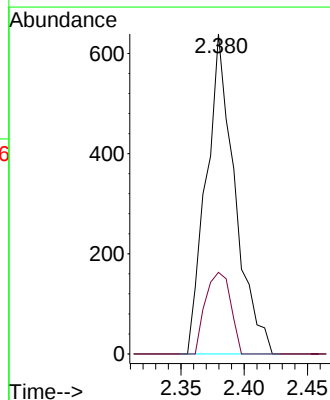
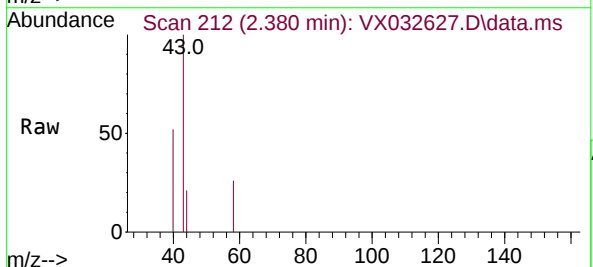
Instrument :
MSVOA_X
ClientSampleId :
P2-2A

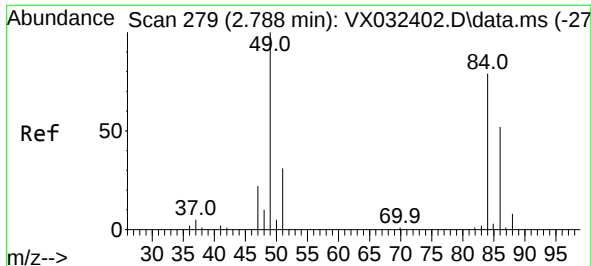
Tgt Ion:168 Resp: 106927
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#16
Acetone
Concen: 1.857 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032627.D
Acq: 07 Nov 2022 15:14

Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 25.5 23.8 35.8





#20

Methylene Chloride

Concen: 0.643 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032627.D

Acq: 07 Nov 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

P2-2A

Tgt Ion: 84 Resp: 796

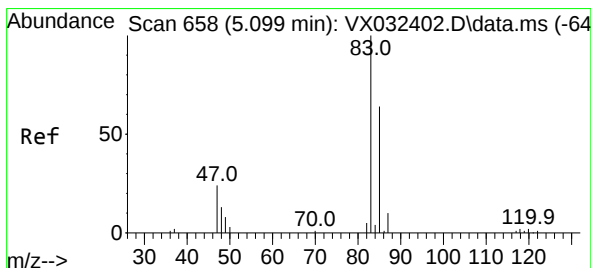
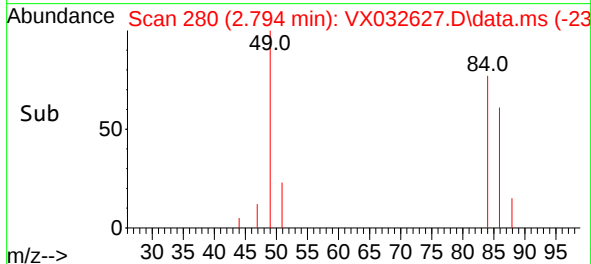
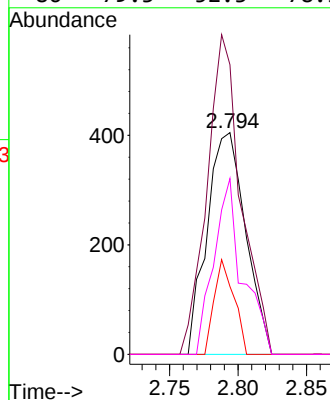
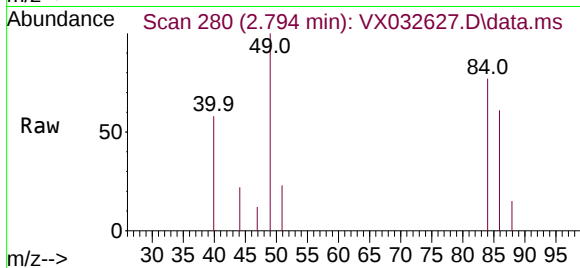
Ion Ratio Lower Upper

84 100

49 130.6 101.0 151.6

51 30.6 31.1 46.7#

86 79.3 52.3 78.5#



#30

Chloroform

Concen: 3.192 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX032627.D

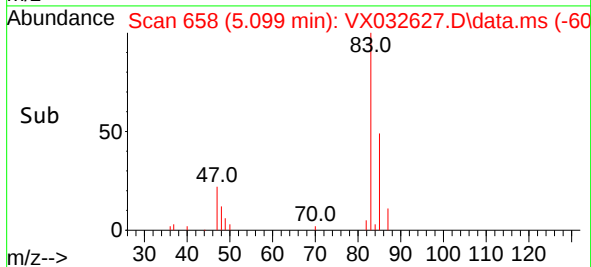
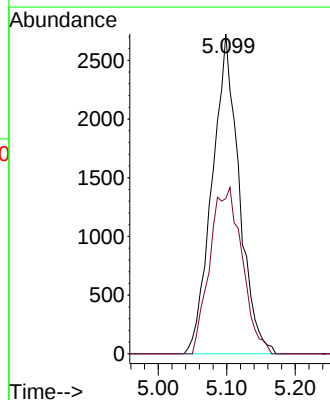
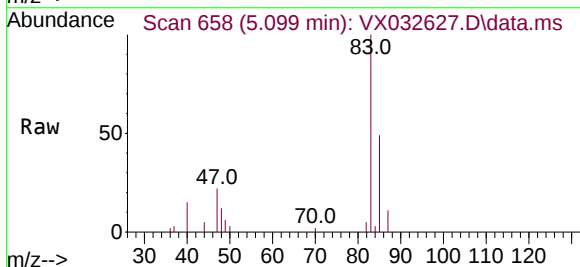
Acq: 07 Nov 2022 15:14

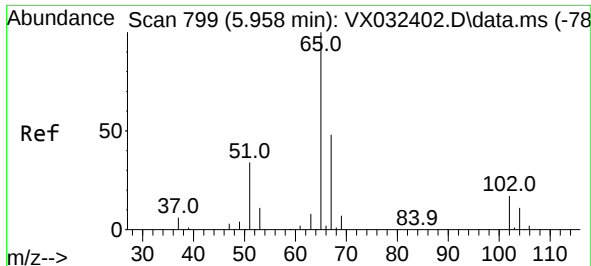
Tgt Ion: 83 Resp: 7449

Ion Ratio Lower Upper

83 100

85 48.5 51.1 76.7#





#33

1,2-Dichloroethane-d4

Concen: 49.755 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032627.D

Acq: 07 Nov 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

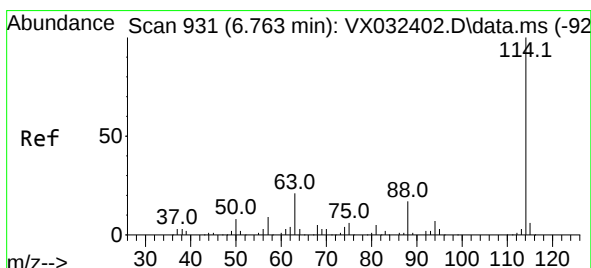
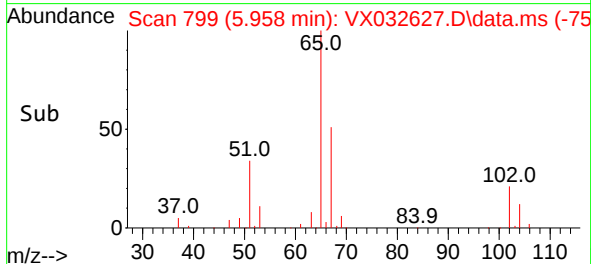
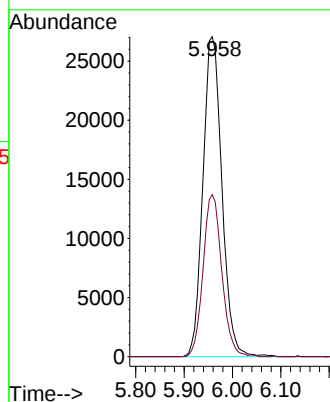
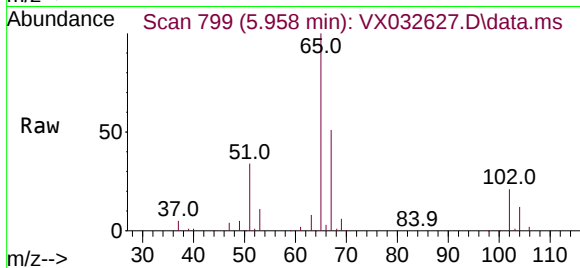
P2-2A

Tgt Ion: 65 Resp: 73922

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032627.D

Acq: 07 Nov 2022 15:14

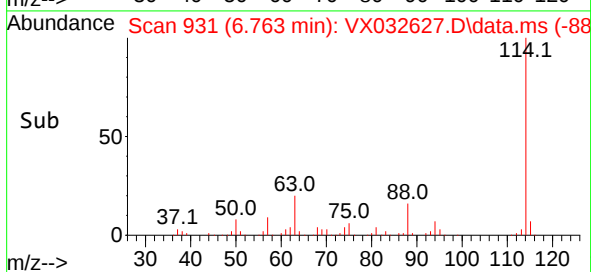
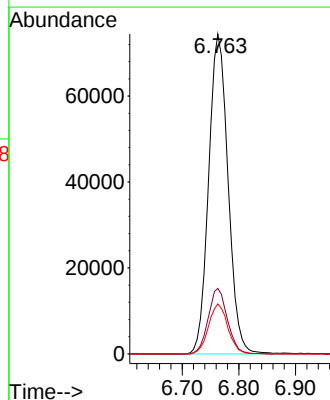
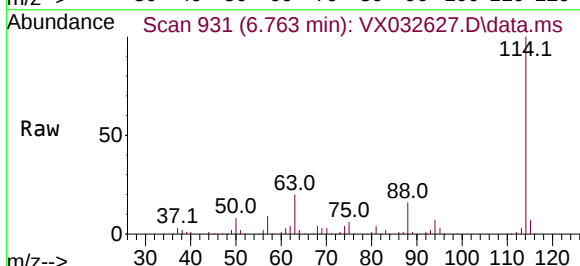
Tgt Ion: 114 Resp: 176862

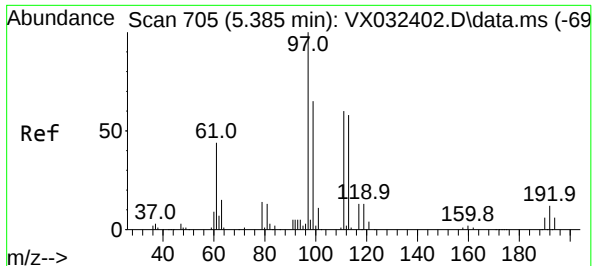
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.790 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032627.D

Acq: 07 Nov 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

P2-2A

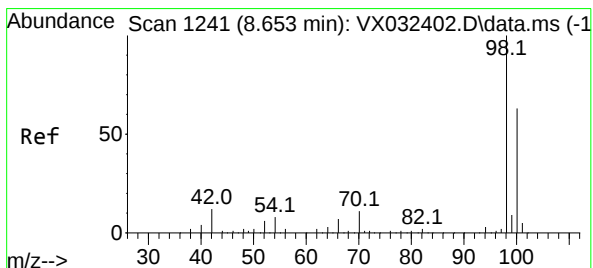
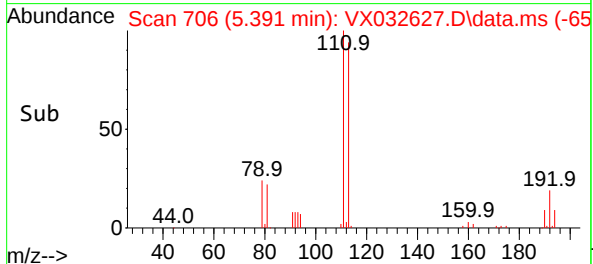
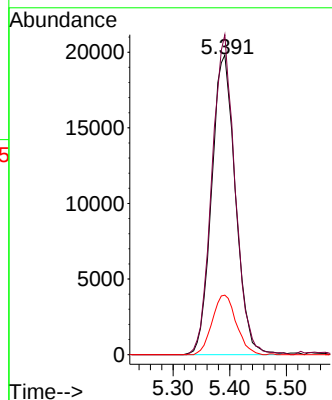
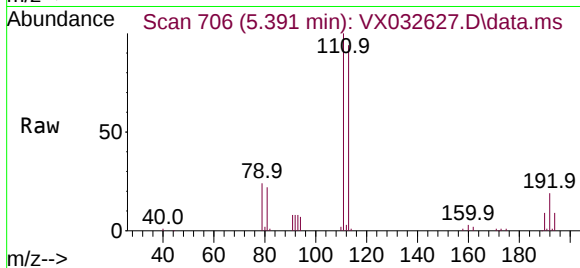
Tgt Ion:113 Resp: 57767

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

192 20.0 15.4 23.2



#50

Toluene-d8

Concen: 48.247 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032627.D

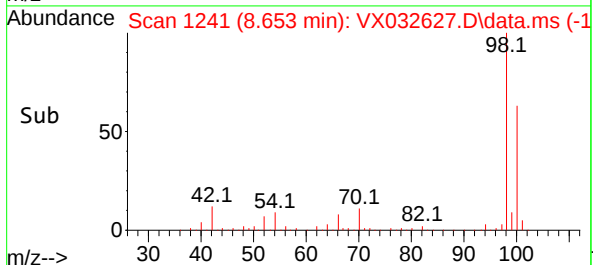
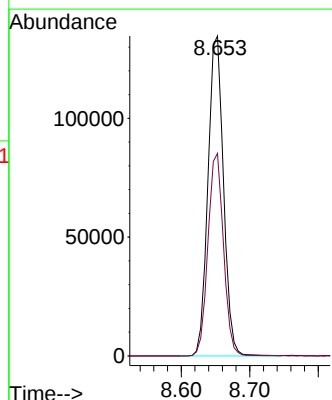
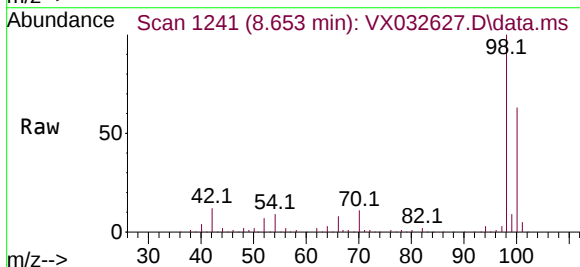
Acq: 07 Nov 2022 15:14

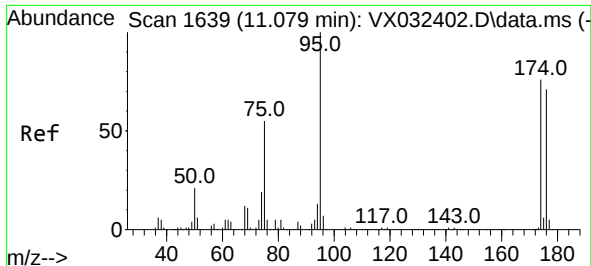
Tgt Ion: 98 Resp: 211649

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 46.355 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032627.D

Acq: 07 Nov 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

P2-2A

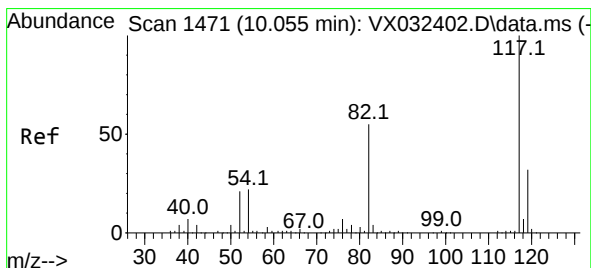
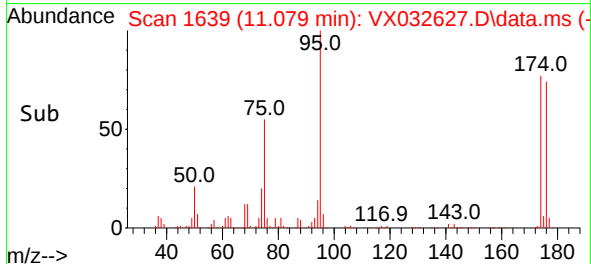
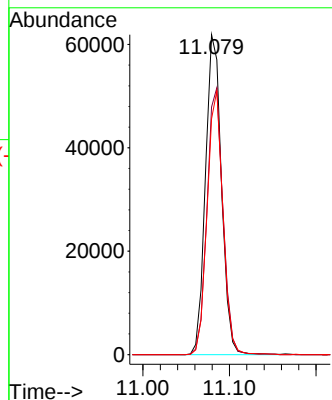
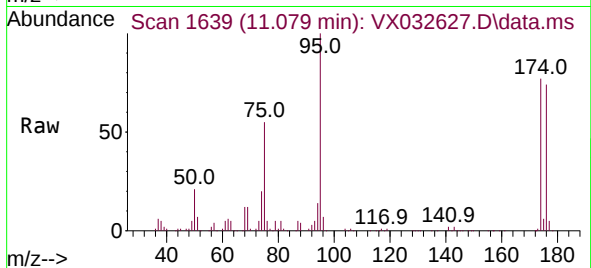
Tgt Ion: 95 Resp: 79432

Ion Ratio Lower Upper

95 100

174 83.3 0.0 164.0

176 81.4 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032627.D

Acq: 07 Nov 2022 15:14

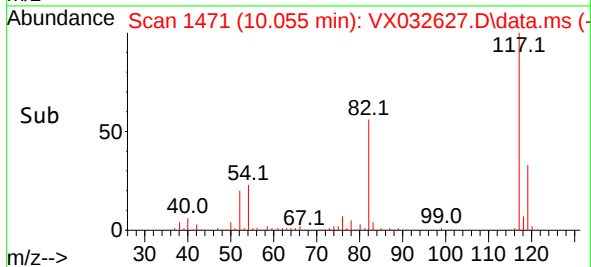
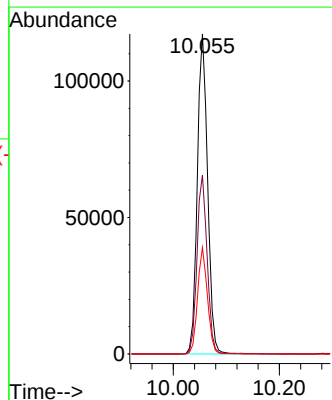
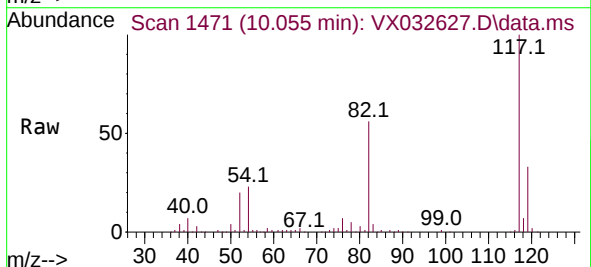
Tgt Ion: 117 Resp: 157739

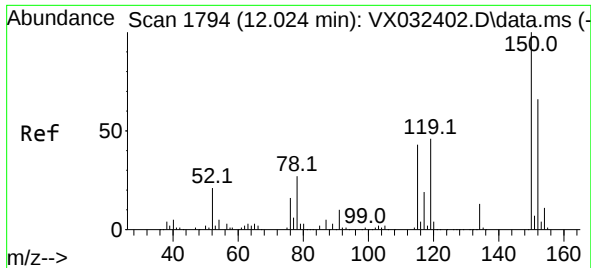
Ion Ratio Lower Upper

117 100

82 55.9 44.3 66.5

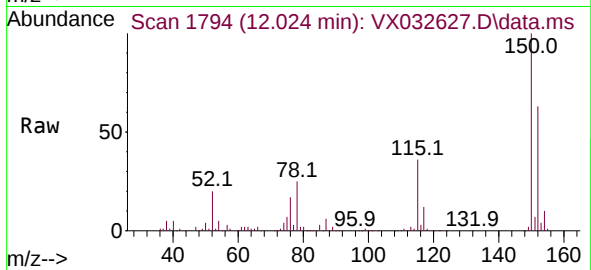
119 33.2 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032627.D
 Acq: 07 Nov 2022 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 P2-2A



Tgt Ion:152 Resp: 72040
 Ion Ratio Lower Upper
 152 100
 115 59.5 44.0 132.0
 150 158.8 0.0 351.8

