

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011278.D
 Acq On : 01 Aug 2019 23:14
 Operator : JC/SP
 Sample : K4118-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP01-20190730

Quant Time: Aug 02 03:32:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

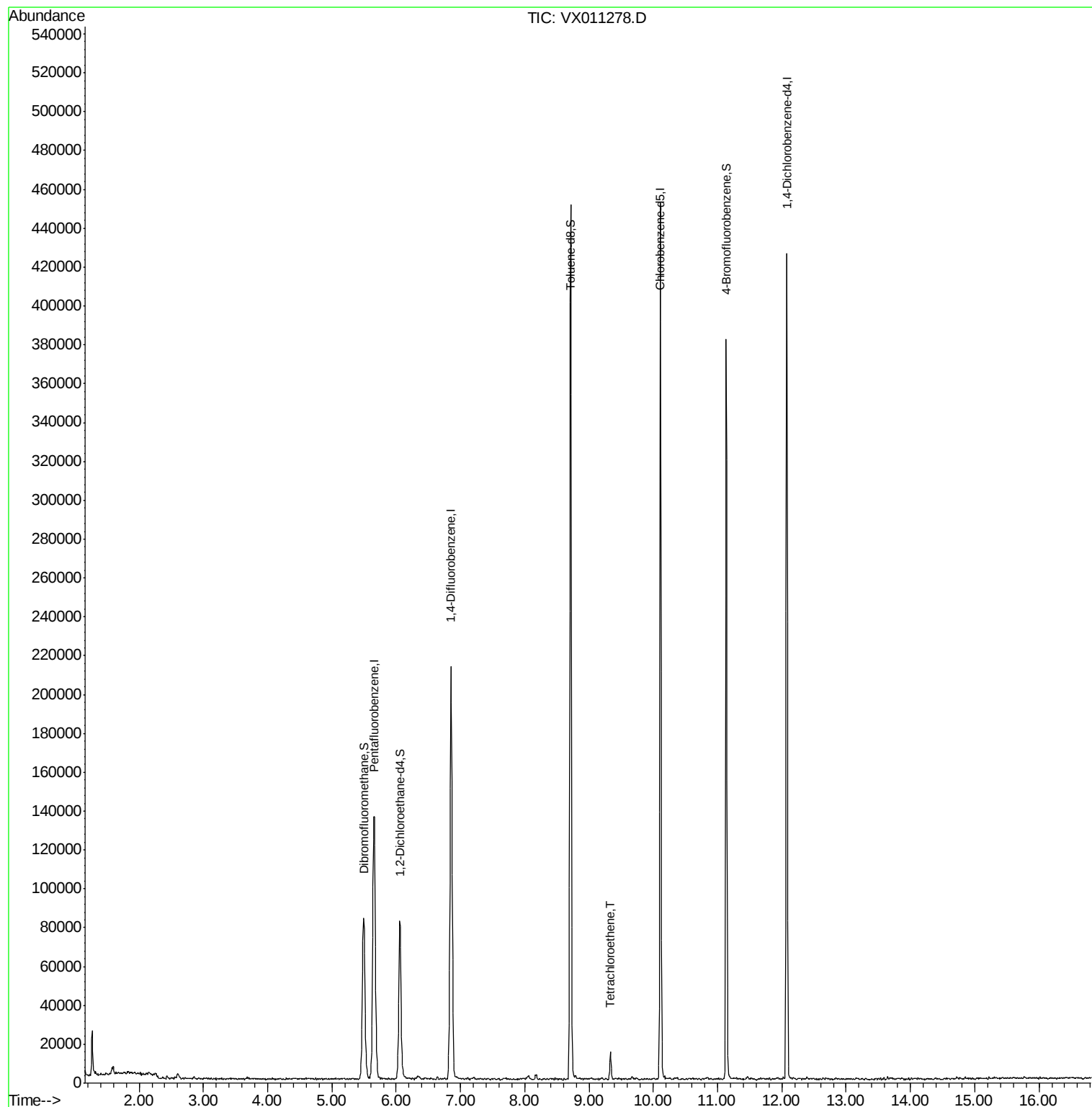
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	139876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	223700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	211425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	74182	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
35) Dibromofluoromethane	5.49	113	70500	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	8.71	98	271741	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	89929	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
64) Tetrachloroethene	9.34	164	2881	1.605	ug/l #	Qvalue 83

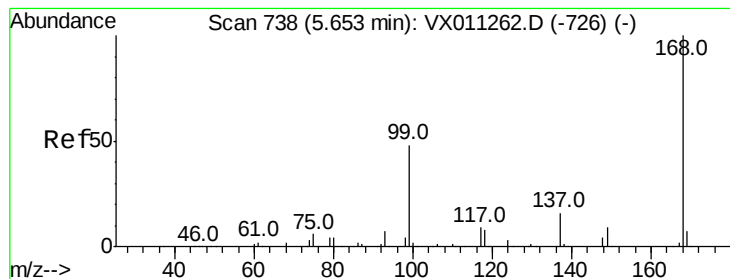
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011278.D

Acq: 01 Aug 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

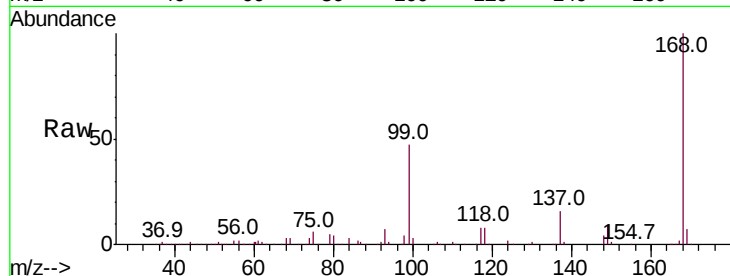
SA-DUP01-20190730

Tot Ion:168 Resp: 139876

Ion Ratio Lower Upper

168 100

99 46.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

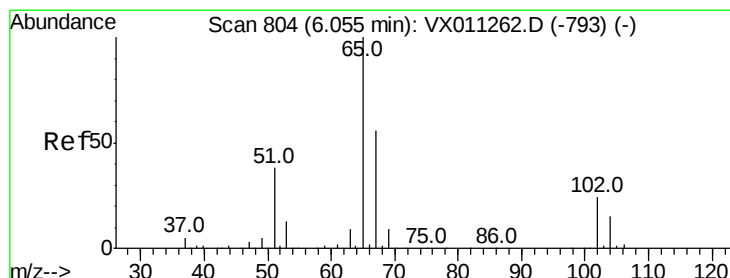
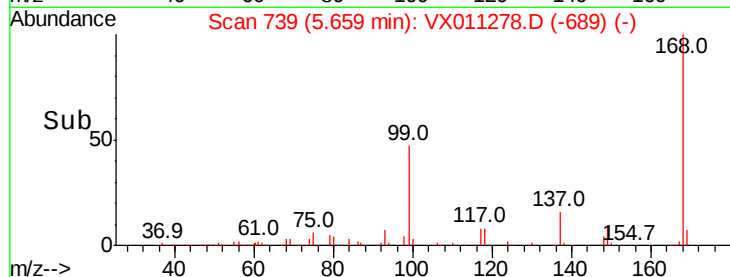
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.663 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011278.D

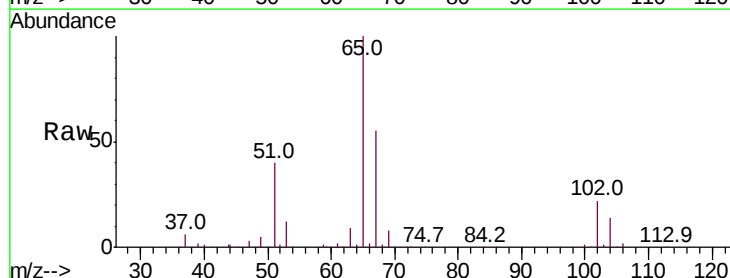
Acq: 01 Aug 2019 23:14

Tgt Ion: 65 Resp: 74182

Ion Ratio Lower Upper

65 100

67 52.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

30000

25000

20000

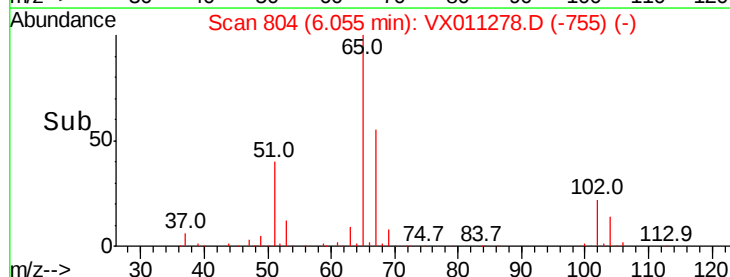
15000

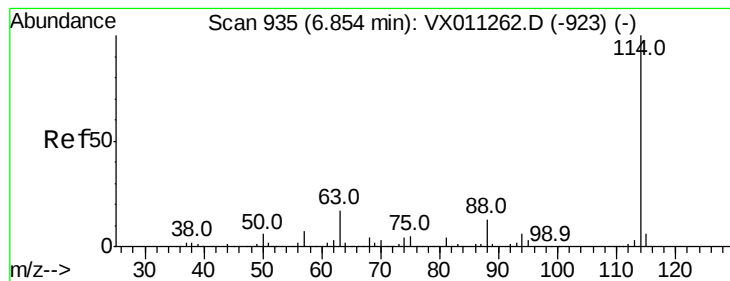
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011278.D

Acq: 01 Aug 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP01-20190730

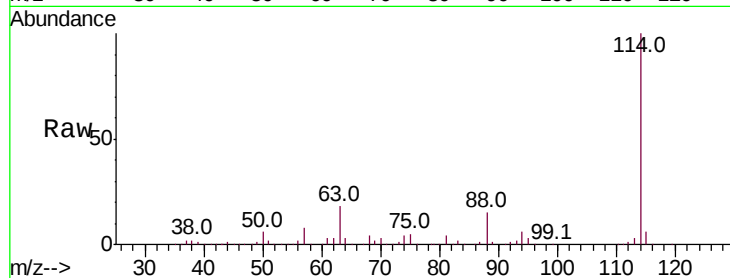
Tot Ion:114 Resp: 223700

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.0

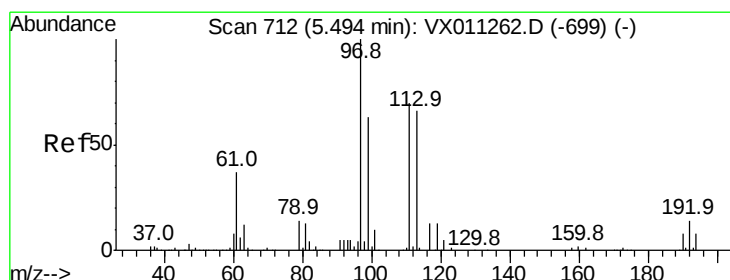
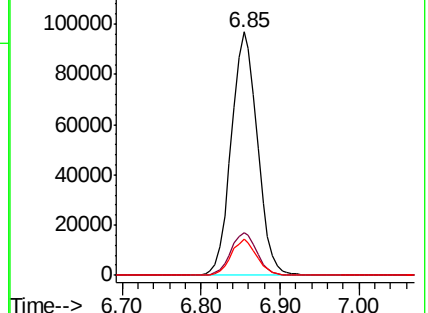
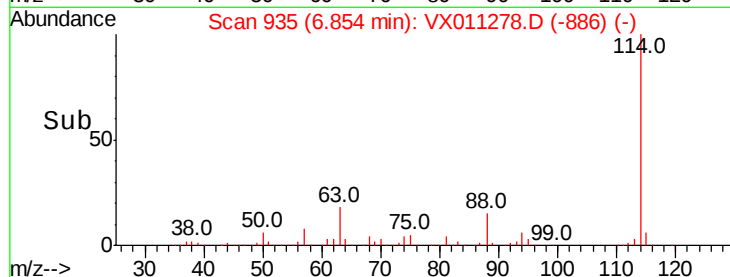
88 14.9 0.0 26.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.272 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011278.D

Acq: 01 Aug 2019 23:14

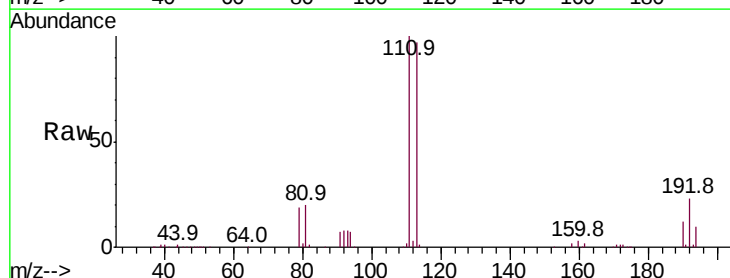
Tgt Ion:113 Resp: 70500

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

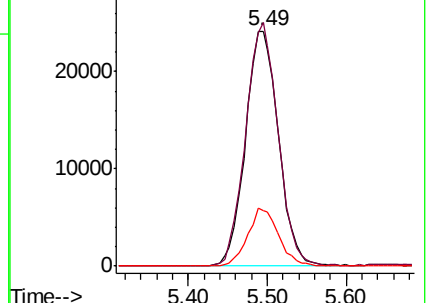
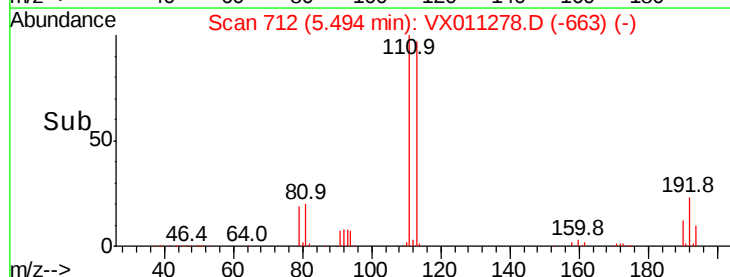
192 22.8 17.8 26.8

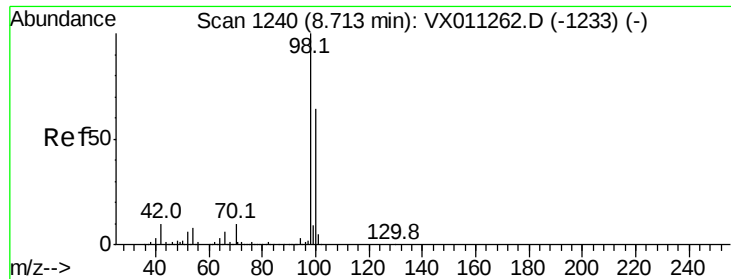


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.292 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011278.D

Acq: 01 Aug 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

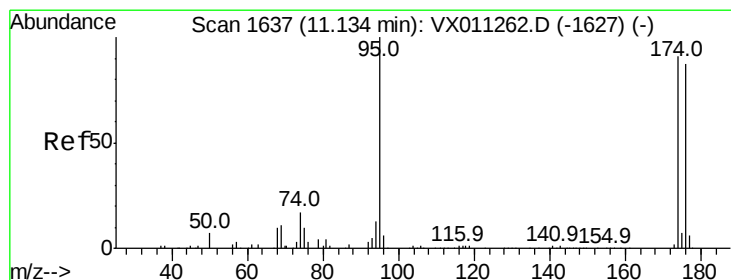
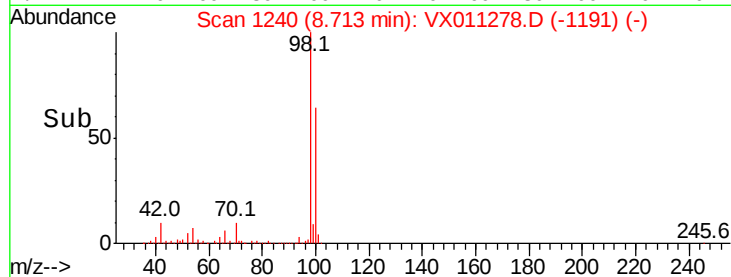
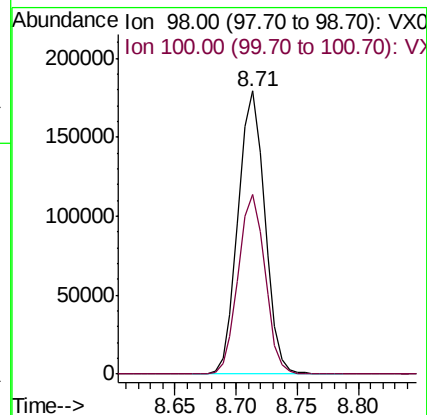
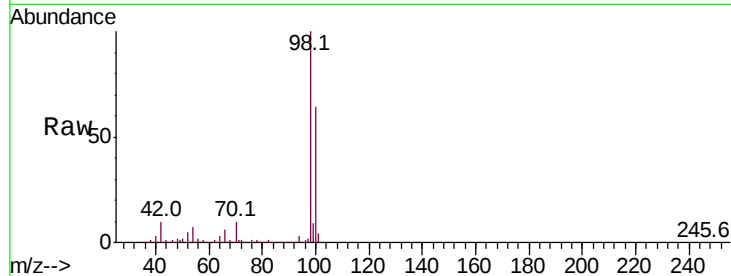
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Tot Ion: 98 Resp: 271741

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.690 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011278.D

Acq: 01 Aug 2019 23:14

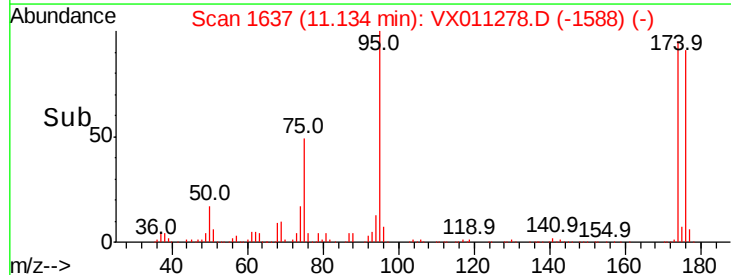
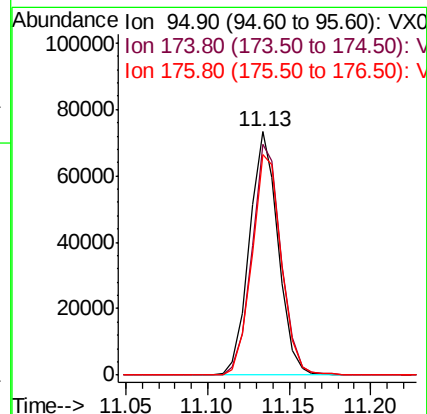
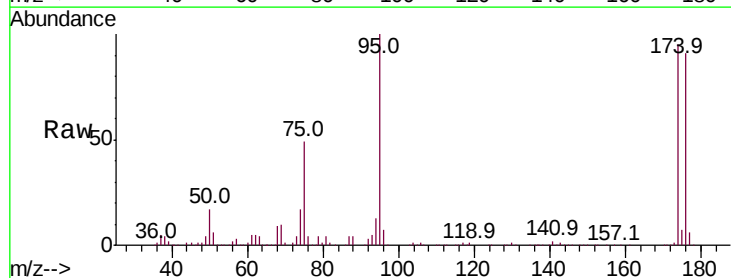
Tgt Ion: 95 Resp: 89929

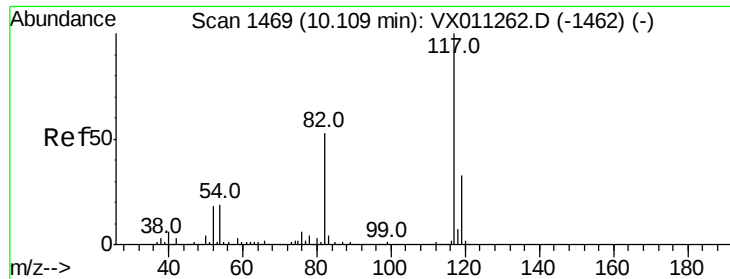
Ion Ratio Lower Upper

95 100

174 96.9 0.0 191.2

176 92.8 0.0 184.8

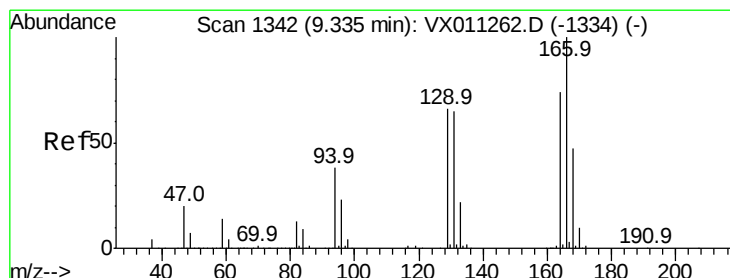
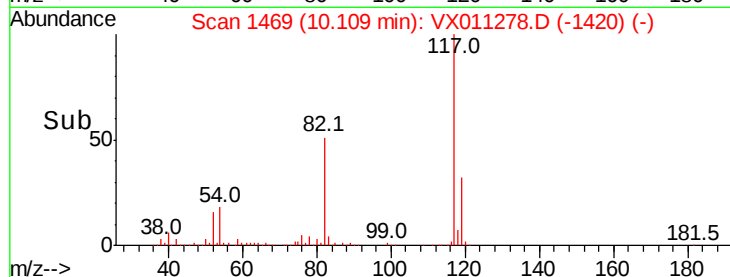
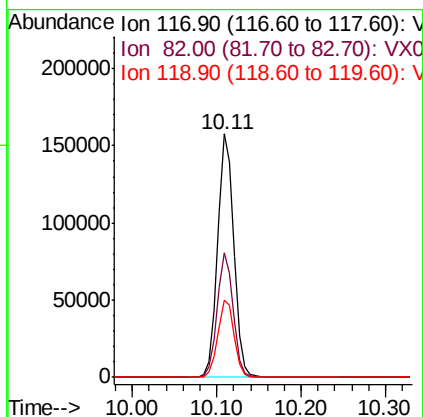
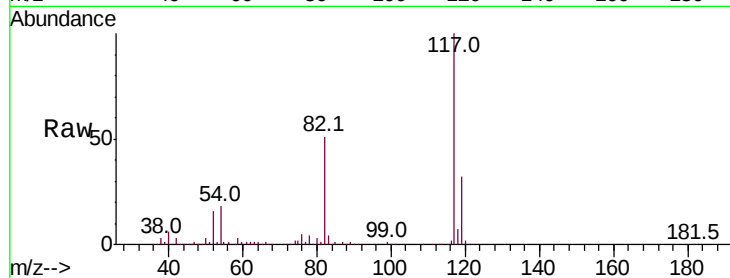




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011278.D
Acq: 01 Aug 2019 23:14

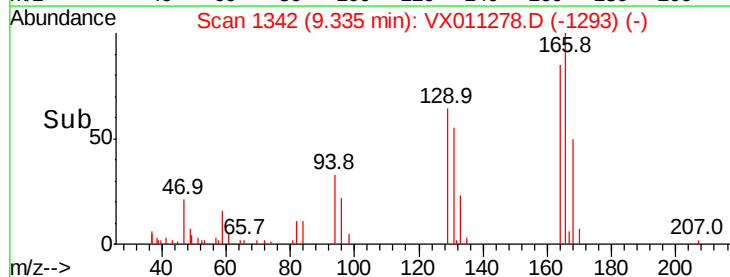
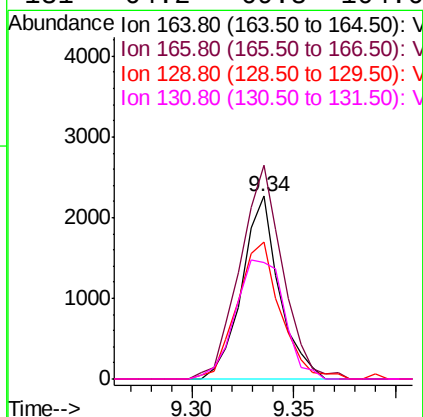
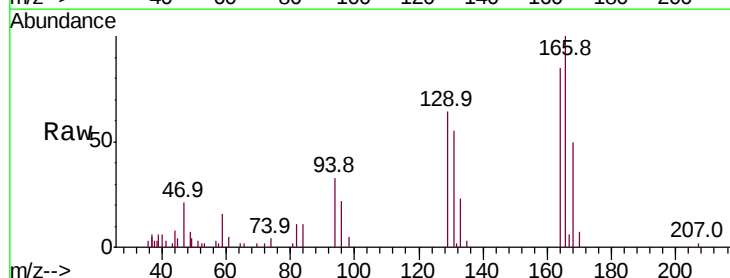
Instrument :
MSVOA_X
ClientSampleId :
SA-DUP01-20190730

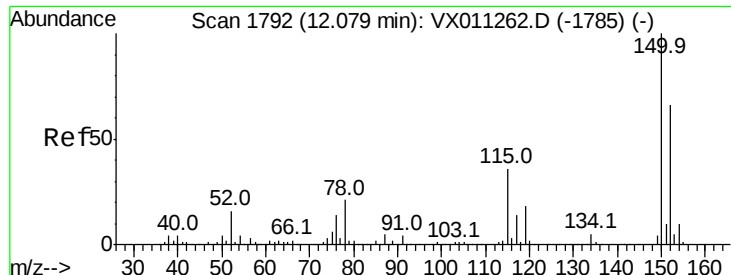
Tot Ion:117 Resp: 211425
Ion Ratio Lower Upper
117 100
82 51.0 42.2 63.2
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 1.605 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011278.D
Acq: 01 Aug 2019 23:14

Tgt Ion:164 Resp: 2881
Ion Ratio Lower Upper
164 100
166 117.1 107.5 161.3
129 75.3 71.0 106.4
131 64.2 69.8 104.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011278.D

Acq: 01 Aug 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP01-20190730

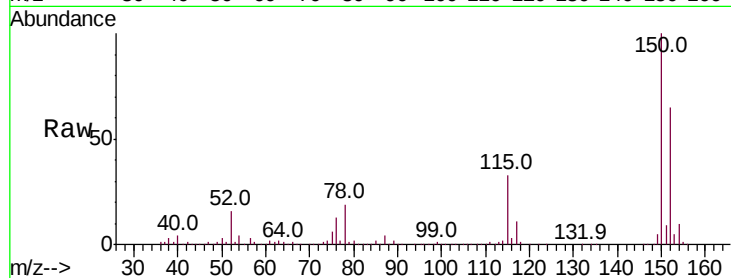
Tot Ion:152 Resp: 95088

Ion Ratio Lower Upper

152 100

115 54.9 40.0 119.9

150 157.5 0.0 350.4



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

