

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011300.D
 Acq On : 02 Aug 2019 13:23
 Operator : JC/SP
 Sample : K4119-02 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0682

Quant Time: Aug 03 06:38:43 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

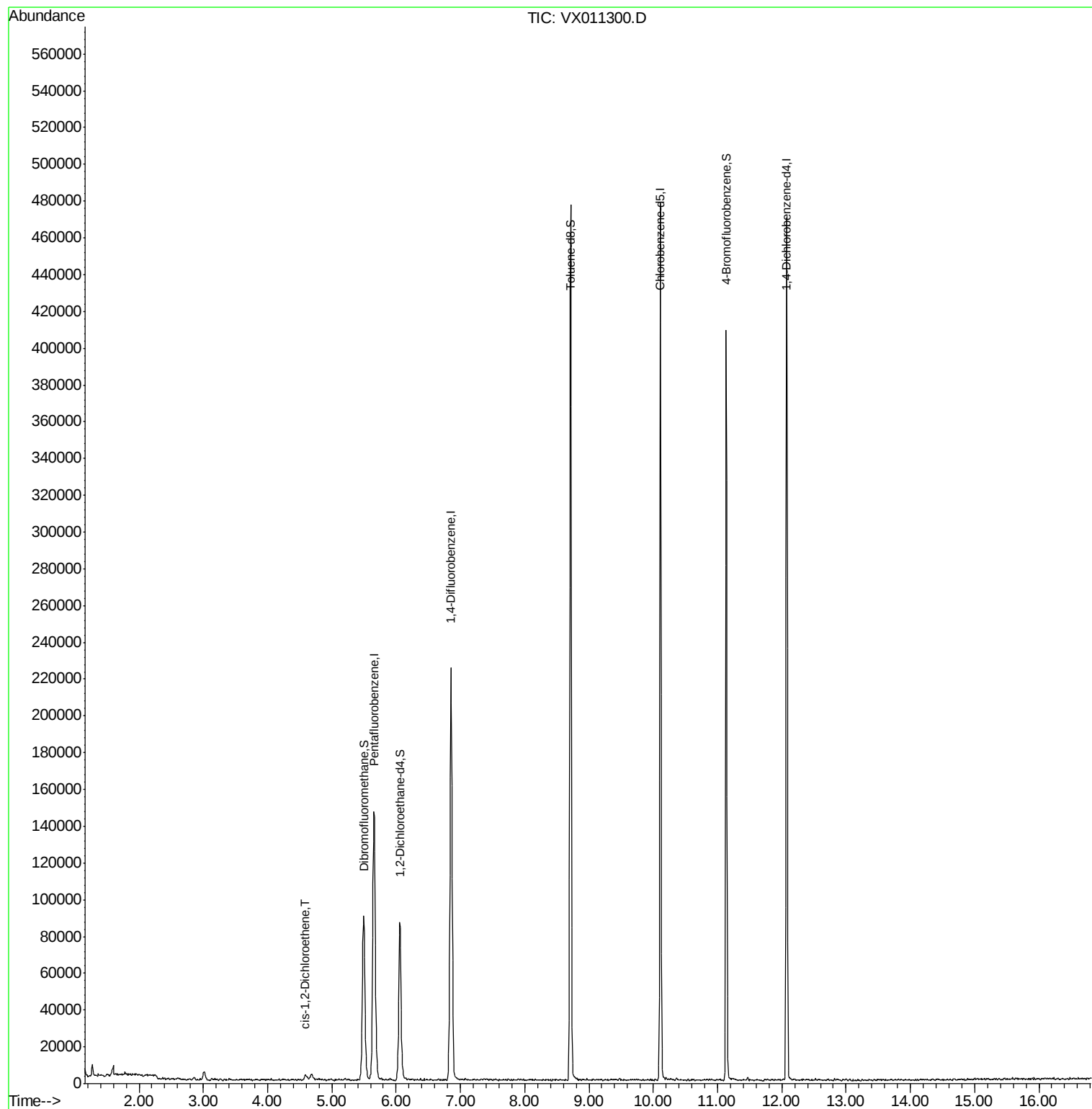
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	149766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	238491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	77640	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
35) Dibromofluoromethane	5.49	113	73187	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	8.71	98	288641	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.13	95	95570	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
Target Compounds						
6) Chloroethane	1.71	64	107	Below Cal	#	10
27) cis-1,2-Dichloroethene	4.59	96	1760	1.060	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011300.D

Acq: 02 Aug 2019 13:23

Instrument :

MSVOA_X

ClientSampled :

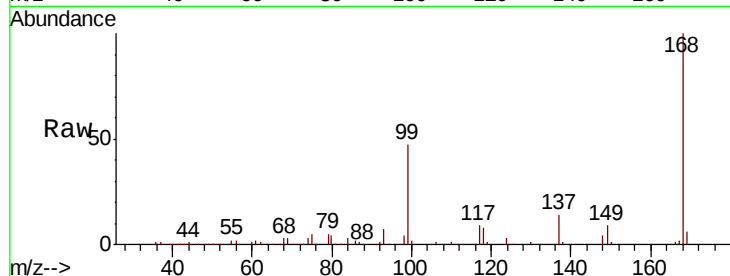
Z3-0682

Tot Ion:168 Resp: 149766

Ion Ratio Lower Upper

168 100

99 47.0 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

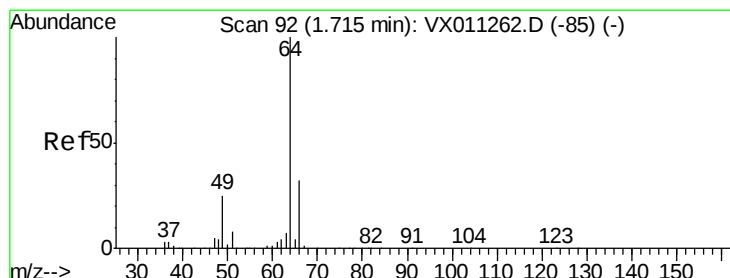
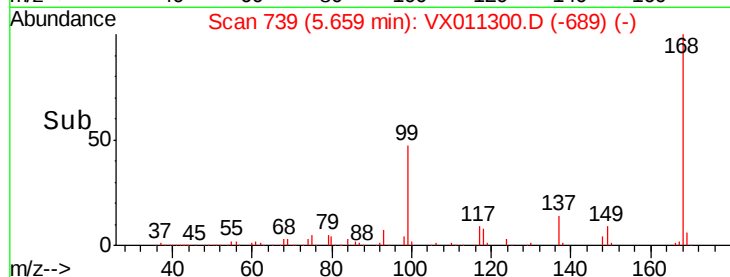
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011300.D

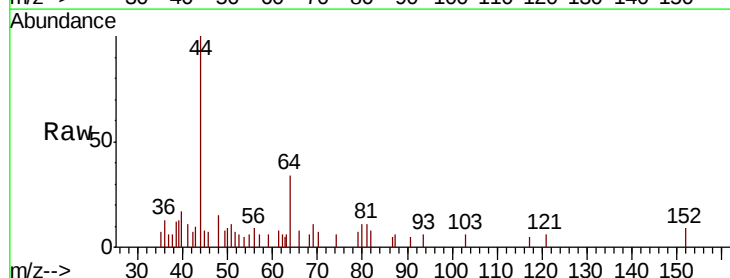
Acq: 02 Aug 2019 13:23

Tgt Ion: 64 Resp: 107

Ion Ratio Lower Upper

64 100

66 81.4 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

400

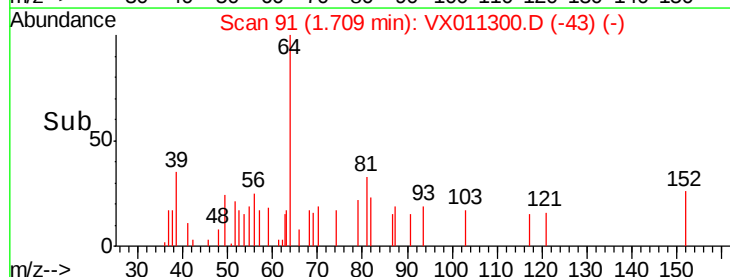
300

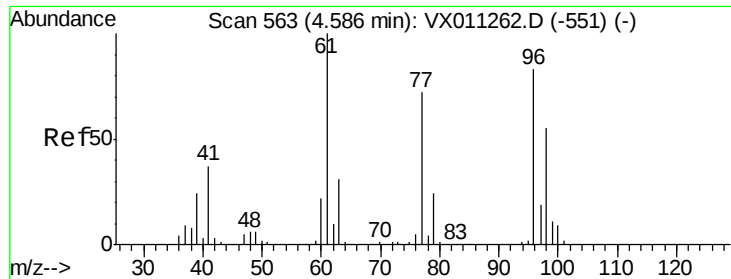
200

100

0

Time--> 1.69 1.70 1.71 1.72



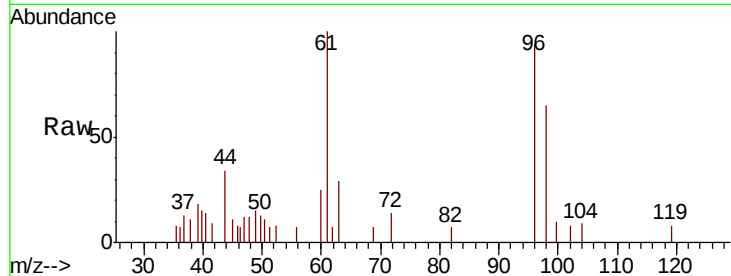


#27

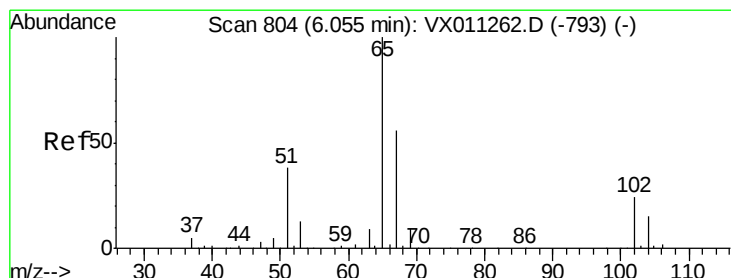
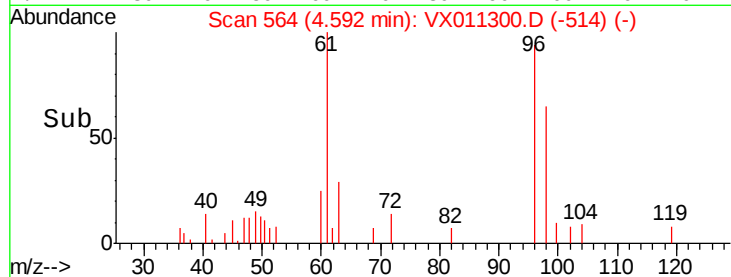
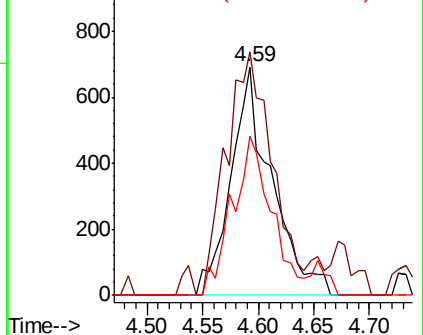
cis-1,2-Dichloroethene
 Concen: 1.060 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VX011300.D
 Acq: 02 Aug 2019 13:23

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0682

Tot Ion: 96 Resp: 1760
 Ion Ratio Lower Upper
 96 100
 61 120.2 0.0 260.2
 98 67.4 0.0 133.2



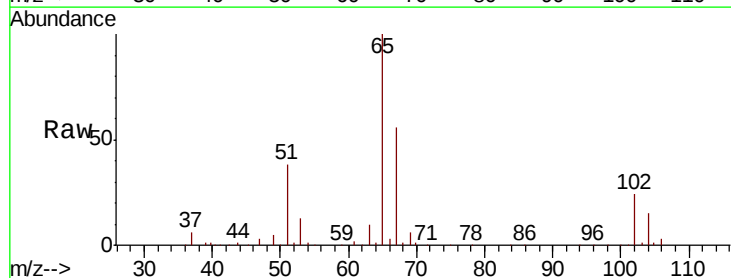
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



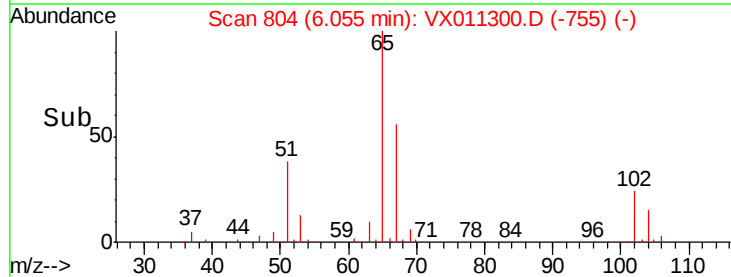
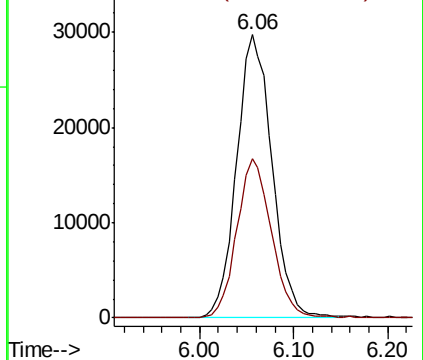
#33

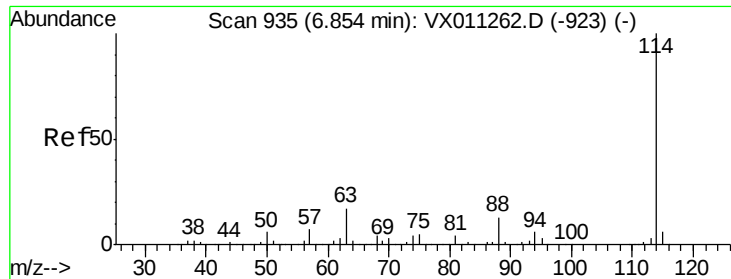
1,2-Dichloroethane-d4
 Concen: 51.478 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011300.D
 Acq: 02 Aug 2019 13:23

Tgt Ion: 65 Resp: 77640
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

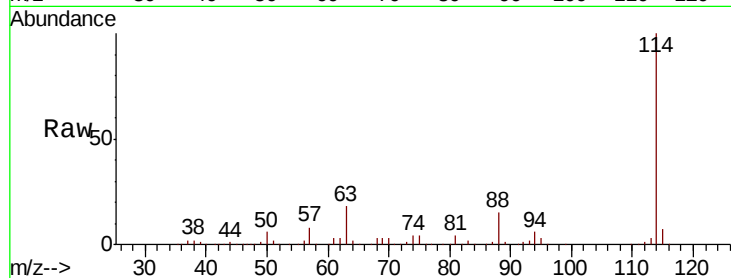




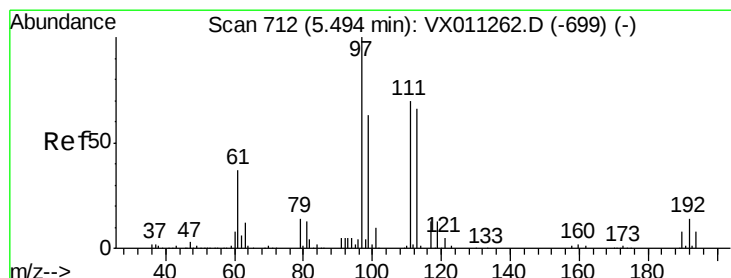
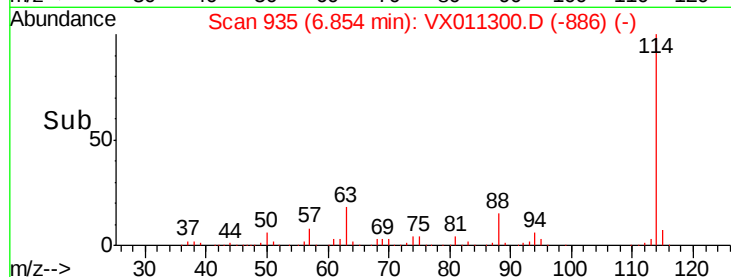
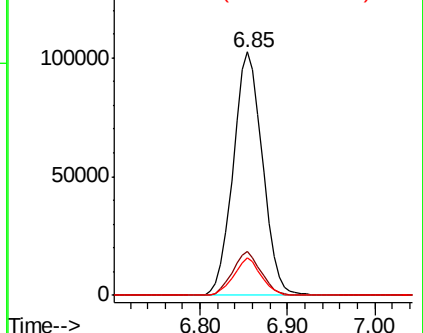
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011300.D
 Acq: 02 Aug 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0682

Tot Ion:114 Resp: 238491
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.0
 88 15.4 0.0 26.4

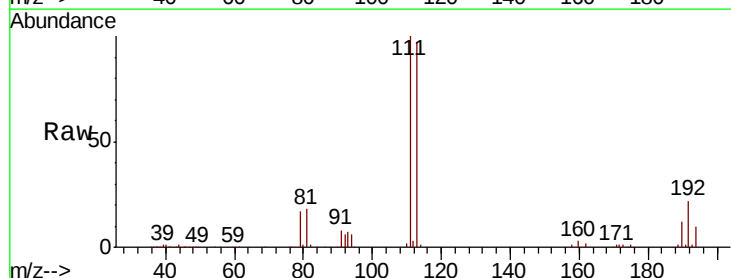


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

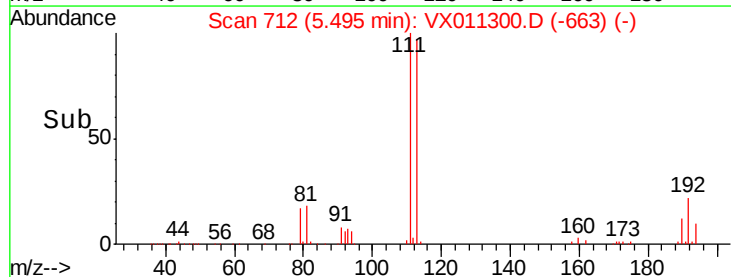
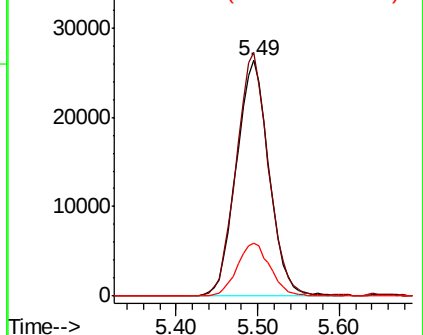


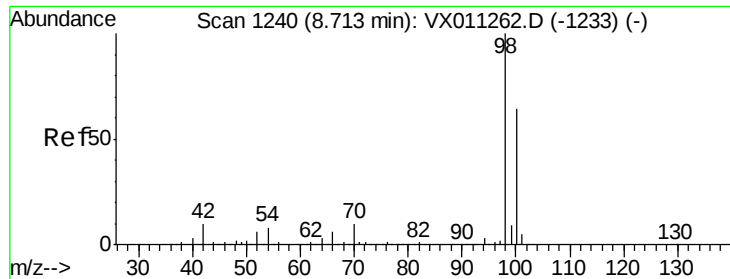
#35
 Dibromofluoromethane
 Concen: 47.003 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011300.D
 Acq: 02 Aug 2019 13:23

Tgt Ion:113 Resp: 73187
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.9 122.9
 192 22.6 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: 49.110 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011300.D

Acq: 02 Aug 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

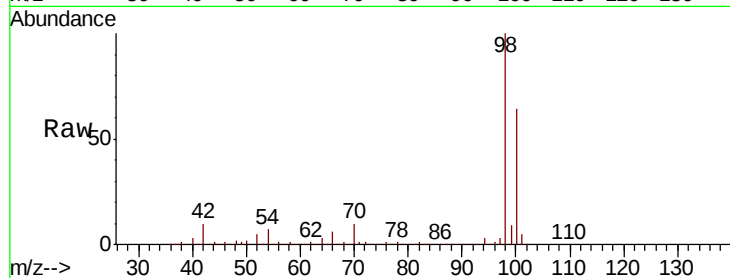
Z3-0682

Tot Ion: 98 Resp: 288641

Ion Ratio Lower Upper

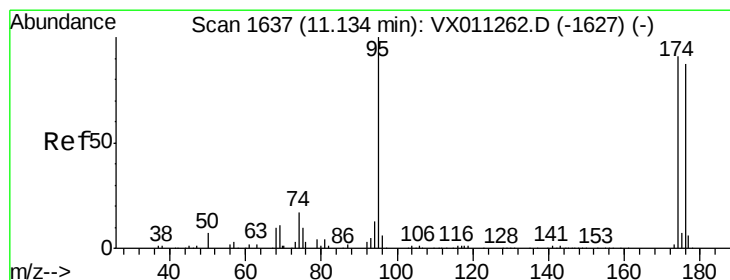
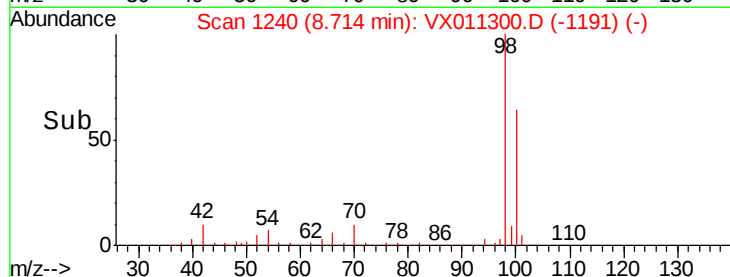
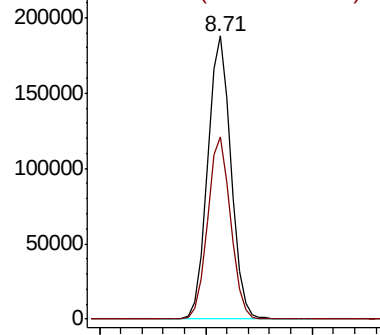
98 100

100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.544 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011300.D

Acq: 02 Aug 2019 13:23

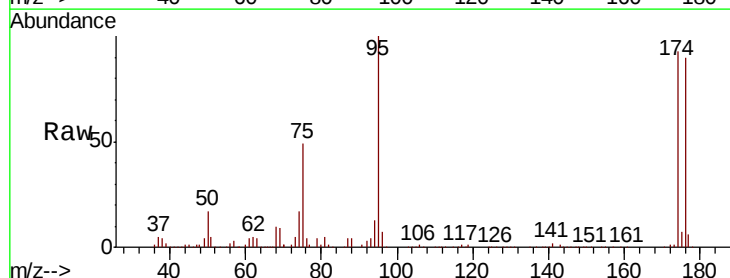
Tgt Ion: 95 Resp: 95570

Ion Ratio Lower Upper

95 100

174 95.8 0.0 191.2

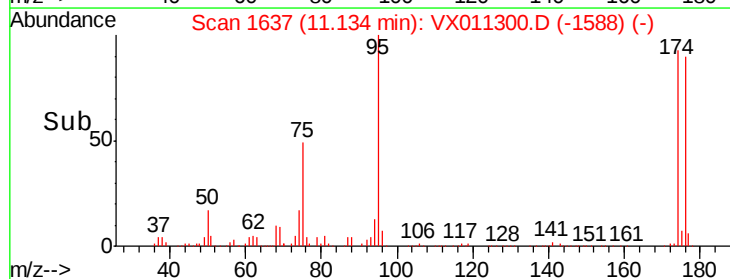
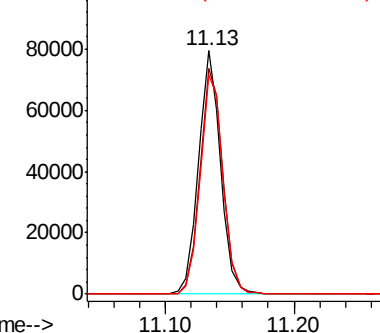
176 93.2 0.0 184.8

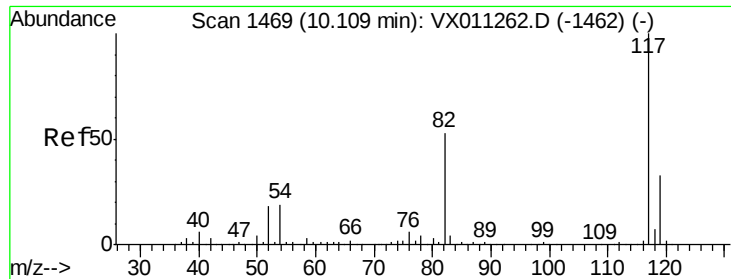


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

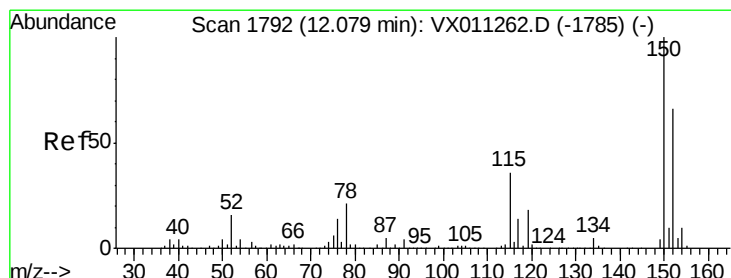
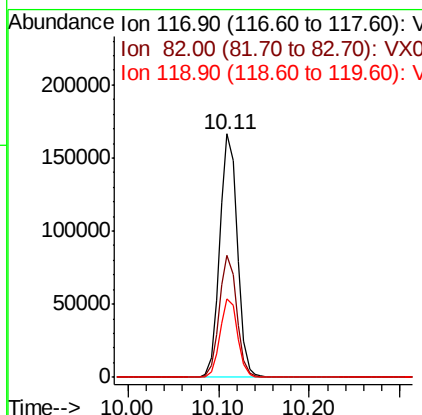
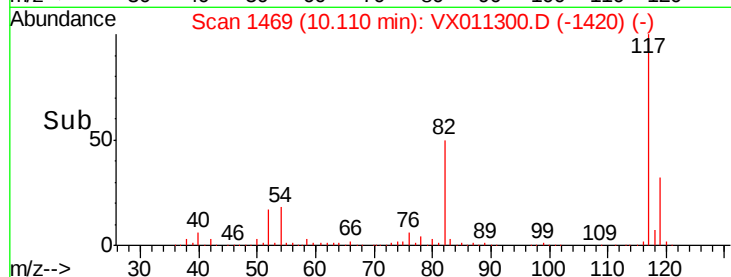
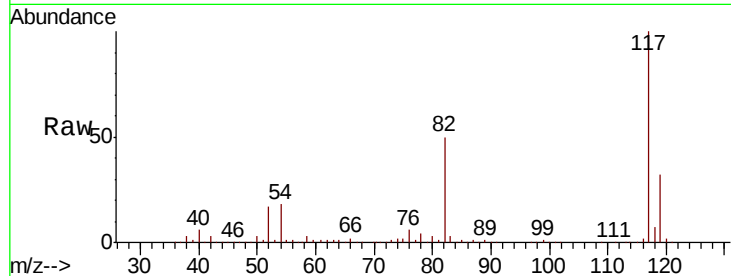




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011300.D
Acq: 02 Aug 2019 13:23

Instrument :
MSVOA_X
ClientSampled :
Z3-0682

Tot Ion:117 Resp: 226105
Ion Ratio Lower Upper
117 100
82 50.2 42.2 63.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011300.D
Acq: 02 Aug 2019 13:23

Tgt Ion:152 Resp: 103822
Ion Ratio Lower Upper
152 100
115 53.3 40.0 119.9
150 155.3 0.0 350.4

