

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011349.D
 Acq On : 06 Aug 2019 14:23
 Operator : JC/SP
 Sample : K4119-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0690

Quant Time: Aug 07 01:46:04 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

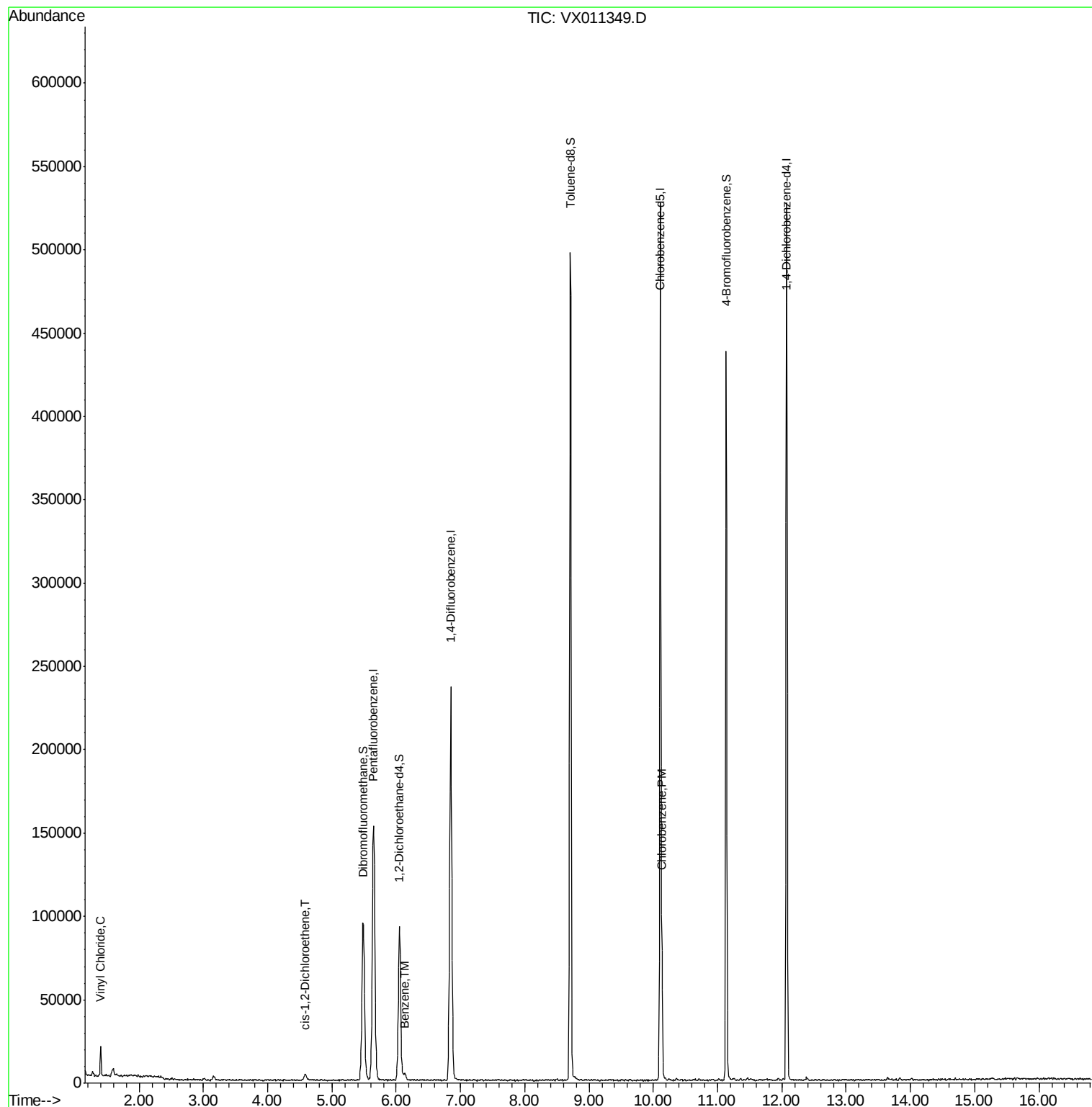
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	84150	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
35) Dibromofluoromethane	5.48	113	79470	48.38	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	8.71	98	303641	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	105015	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
Target Compounds						
4) Vinyl Chloride	1.40	62	11562	7.911	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	2281	1.343	ug/l	91
40) Benzene	6.13	78	4384	0.669	ug/l	95
65) Chlorobenzene	10.13	112	29691	5.844	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011349.D

Acq: 06 Aug 2019 14:23

Instrument :

MSVOA_X

ClientSampleId :

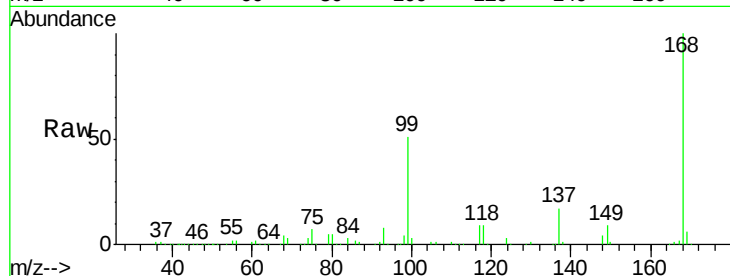
Z3-0690

Tot Ion:168 Resp: 153185

Ion Ratio Lower Upper

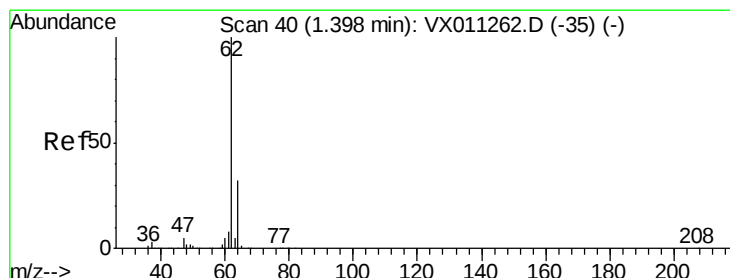
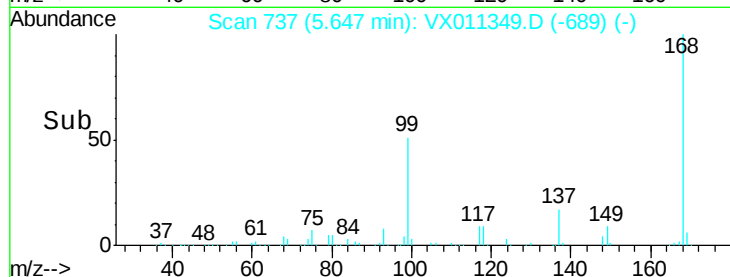
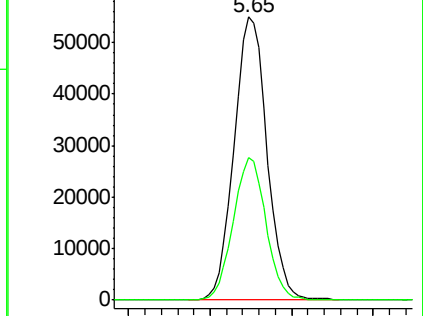
168 100

99 50.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 7.911 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011349.D

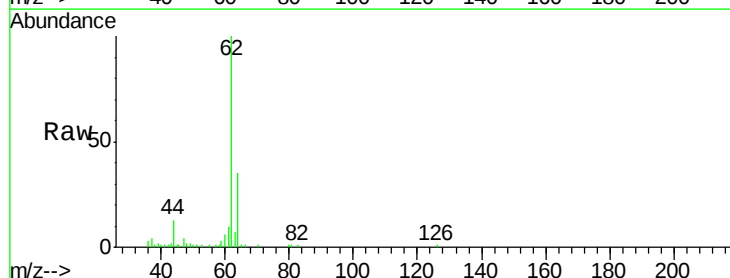
Acq: 06 Aug 2019 14:23

Tgt Ion: 62 Resp: 11562

Ion Ratio Lower Upper

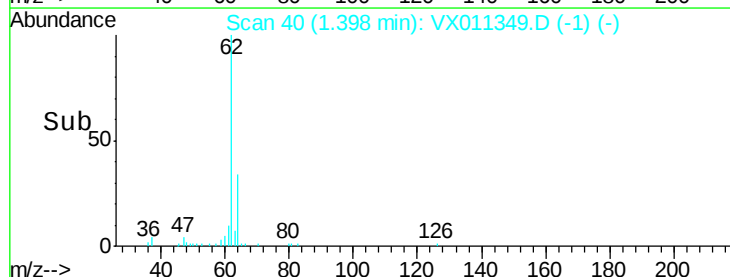
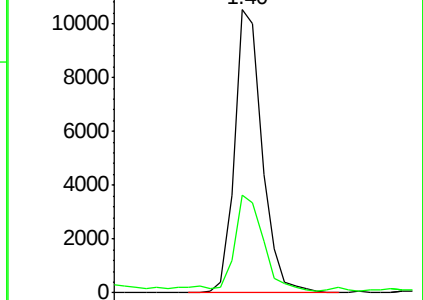
62 100

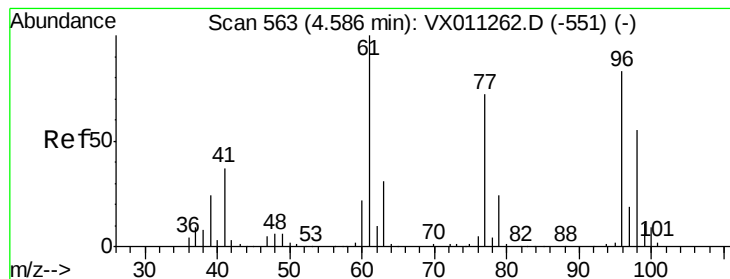
64 32.7 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



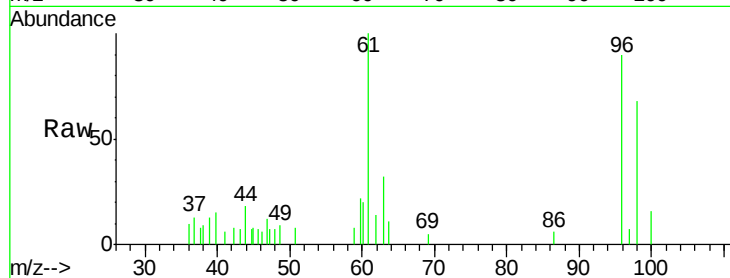


#27

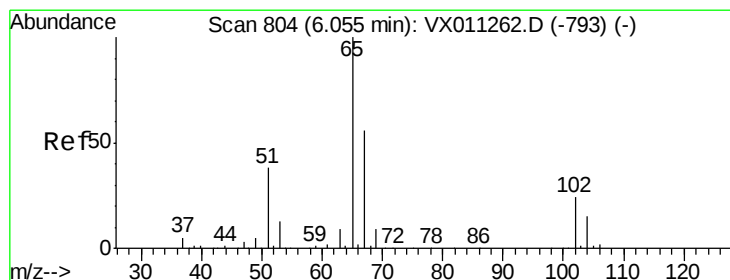
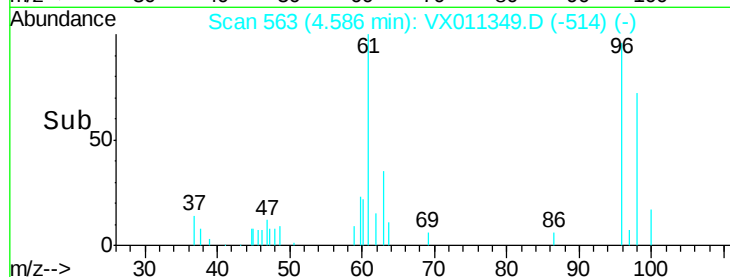
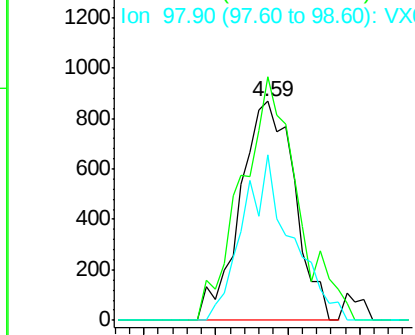
cis-1,2-Dichloroethene
Concen: 1.343 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011349.D
Acq: 06 Aug 2019 14:23

Instrument :
MSVOA_X
ClientSampled :
Z3-0690

Tot Ion: 96 Resp: 2281
Ion Ratio Lower Upper
96 100
61 114.8 0.0 260.2
98 67.3 0.0 133.2



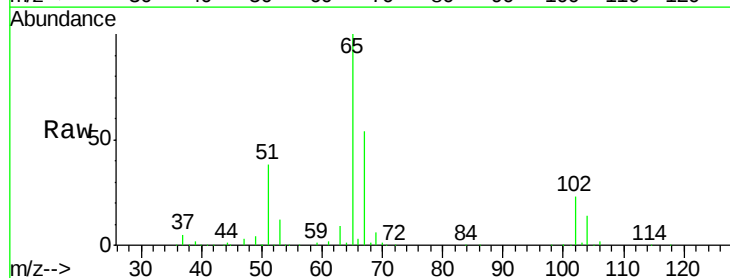
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



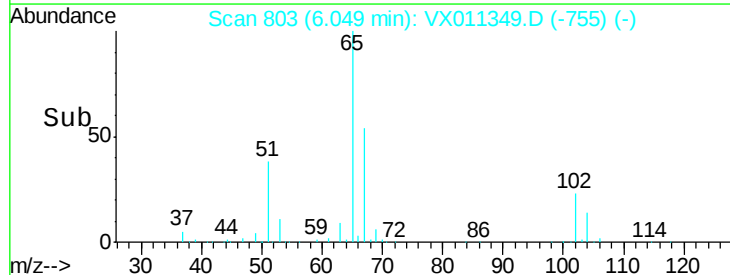
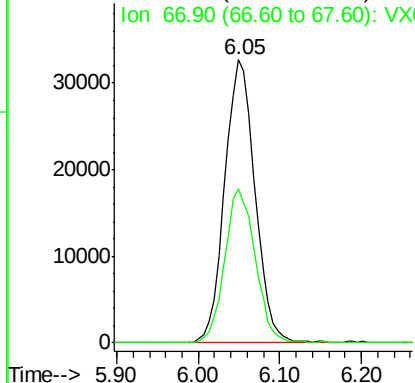
#33

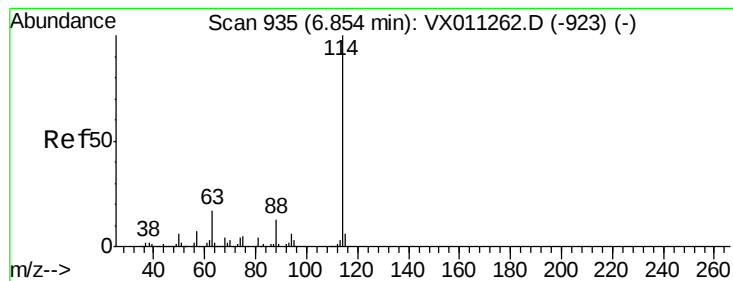
1,2-Dichloroethane-d4
Concen: 54.549 ug/l
RT: 6.05 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX011349.D
Acq: 06 Aug 2019 14:23

Tgt Ion: 65 Resp: 84150
Ion Ratio Lower Upper
65 100
67 54.7 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# 934

Delta R.T. -0.01 min

Lab File: VX011349.D

Acq: 06 Aug 2019 14:23

Instrument :

MSVOA_X

ClientSampled :

Z3-0690

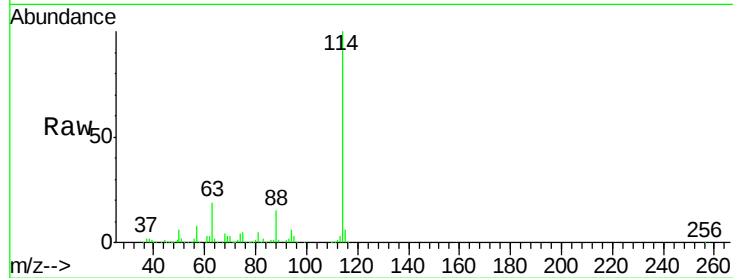
Tot Ion:114 Resp: 251572

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.0

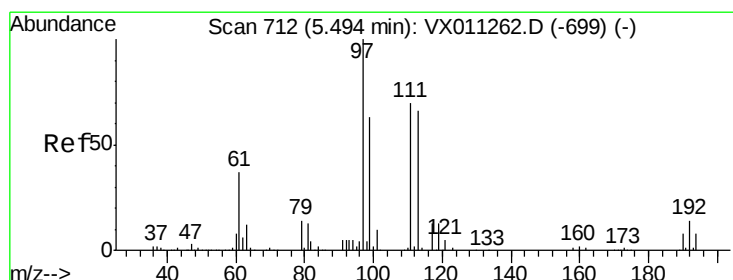
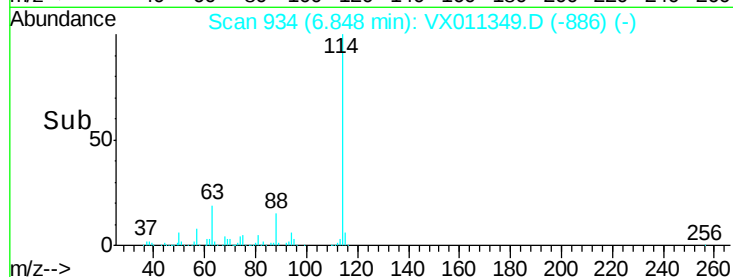
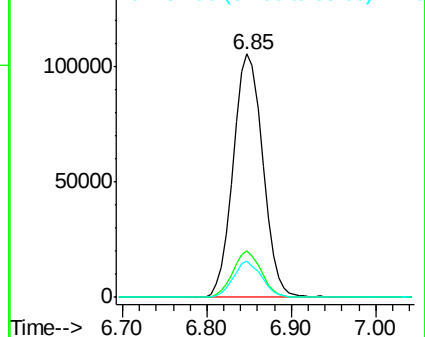
88 14.7 0.0 26.4



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: 48.385 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011349.D

Acq: 06 Aug 2019 14:23

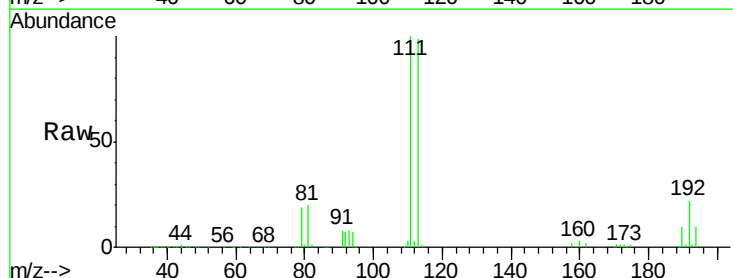
Tgt Ion:113 Resp: 79470

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

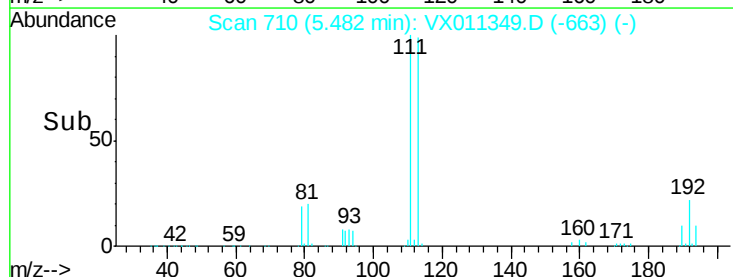
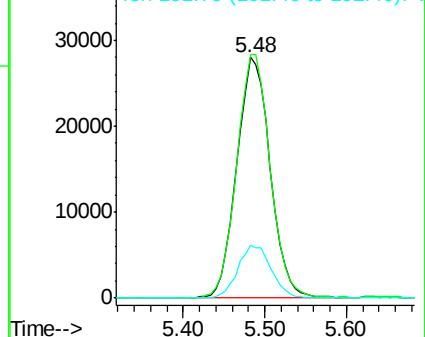
192 22.0 17.8 26.8

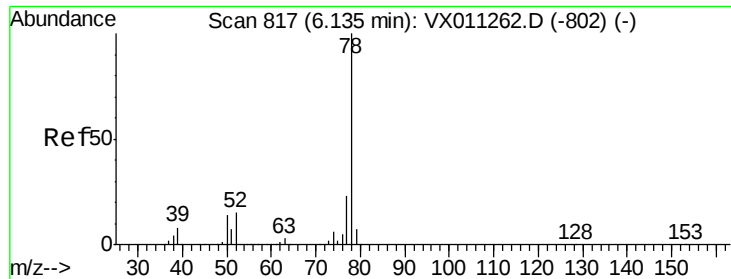


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.669 ug/l

RT: 6.13 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX011349.D

Acq: 06 Aug 2019 14:23

Instrument :

MSVOA_X

ClientSampleId :

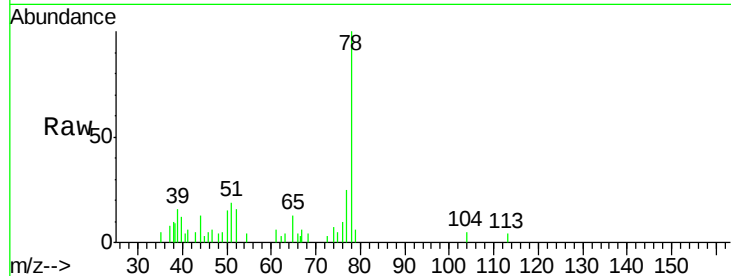
Z3-0690

Tot Ion: 78 Resp: 4384

Ion Ratio Lower Upper

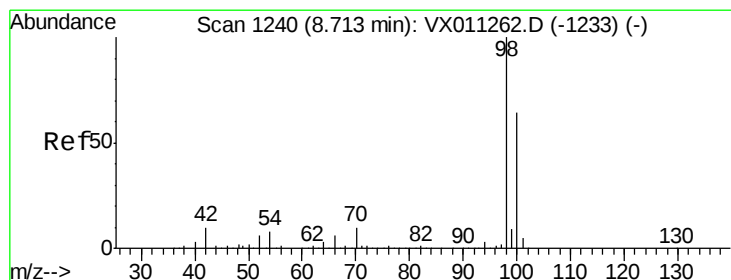
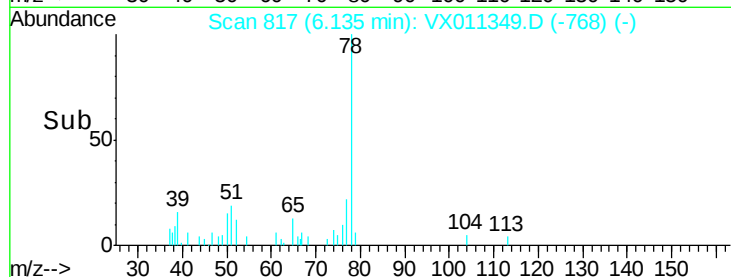
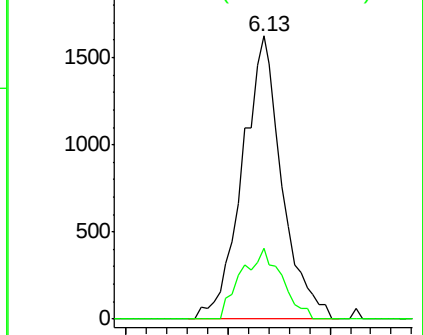
78 100

77 25.3 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 48.976 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011349.D

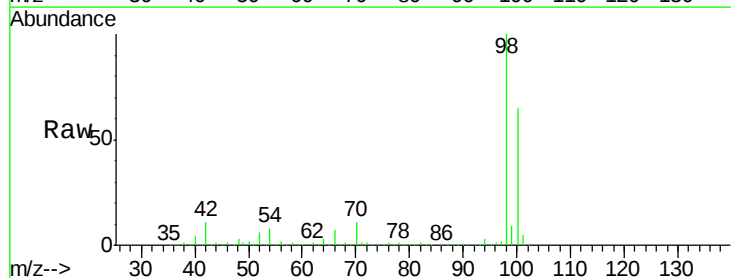
Acq: 06 Aug 2019 14:23

Tgt Ion: 98 Resp: 303641

Ion Ratio Lower Upper

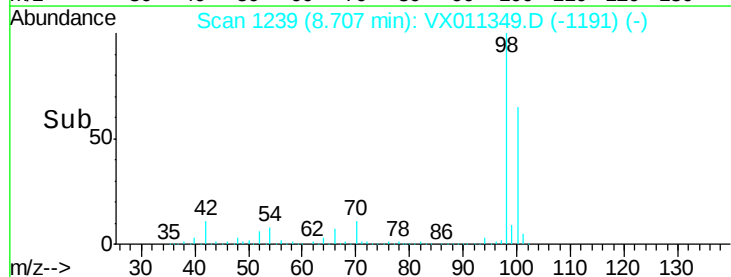
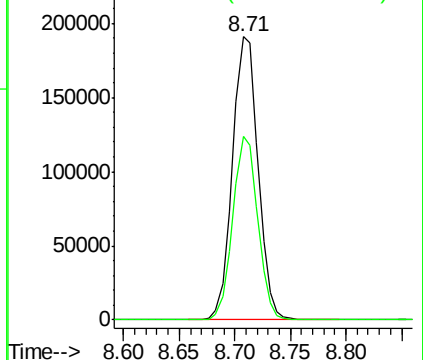
98 100

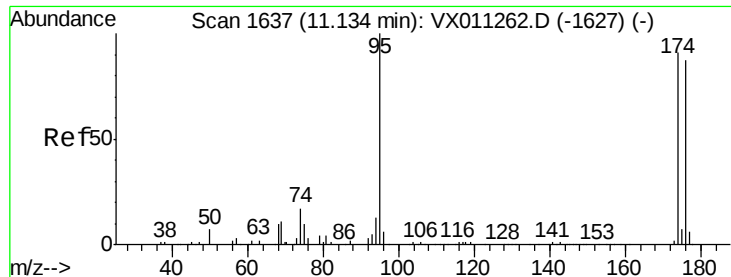
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.443 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011349.D

Acq: 06 Aug 2019 14:23

Instrument :

MSVOA_X

ClientSampled :

Z3-0690

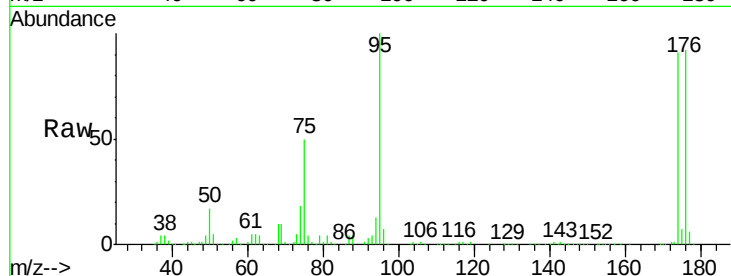
Tot Ion: 95 Resp: 105015

Ion Ratio Lower Upper

95 100

174 92.4 0.0 191.2

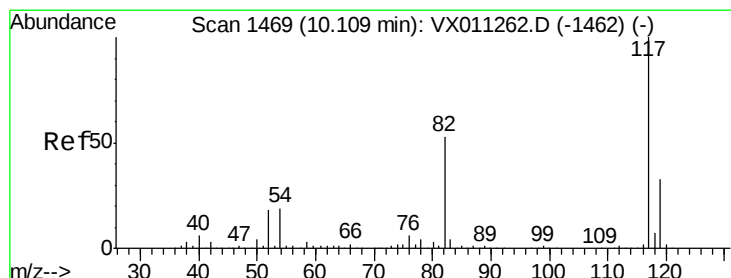
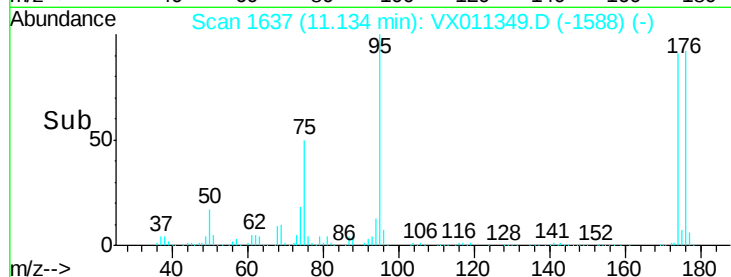
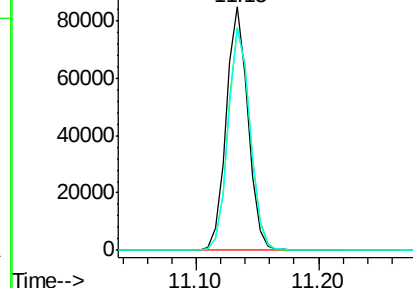
176 91.6 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX011262.D (-1627) (-)

Ion 173.80 (173.50 to 174.50): VX011262.D (-1627) (-)

Ion 175.80 (175.50 to 176.50): VX011262.D (-1627) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011349.D

Acq: 06 Aug 2019 14:23

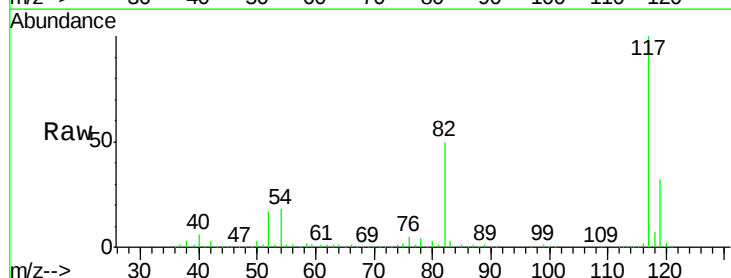
Tgt Ion: 117 Resp: 236942

Ion Ratio Lower Upper

117 100

82 50.4 42.2 63.2

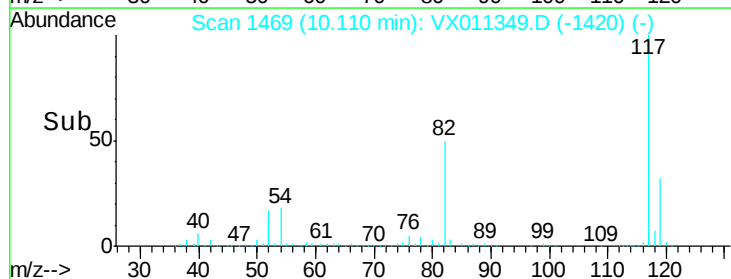
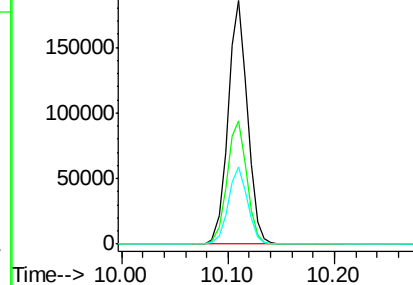
119 31.6 26.6 39.8

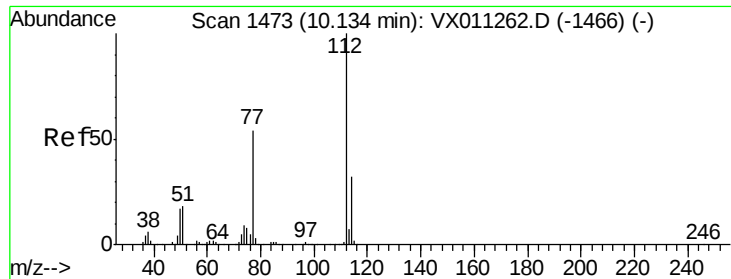


Abundance Ion 116.90 (116.60 to 117.60): VX011262.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011262.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011262.D (-1462) (-)

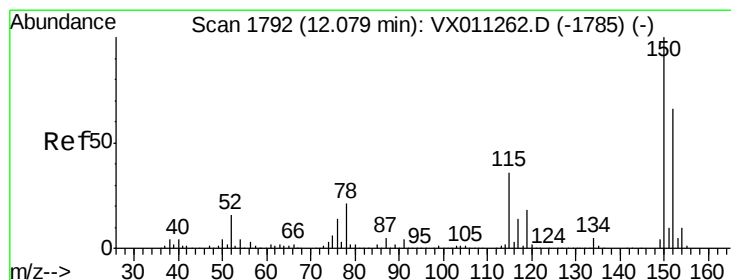
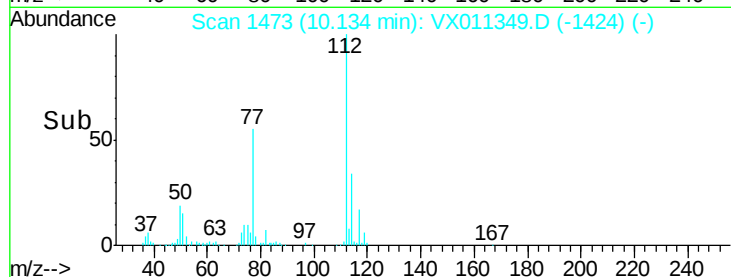
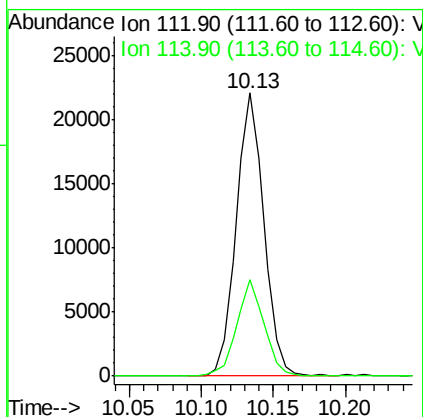
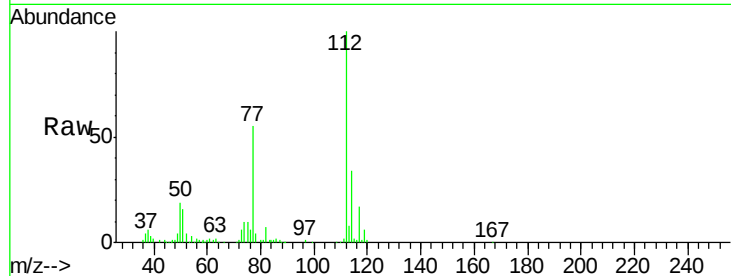




#65
Chlorobenzene
Concen: 5.844 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011349.D
Acq: 06 Aug 2019 14:23

Instrument :
MSVOA_X
ClientSampleId :
Z3-0690

Tot Ion:112 Resp: 29691
Ion Ratio Lower Upper
112 100
114 34.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011349.D
Acq: 06 Aug 2019 14:23

Tgt Ion:152 Resp: 111999
Ion Ratio Lower Upper
152 100
115 54.4 40.0 119.9
150 155.9 0.0 350.4

