

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011152.D
 Acq On : 29 Jul 2019 17:45
 Operator : JC/SP
 Sample : K4026-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0676

Quant Time: Jul 30 05:59:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

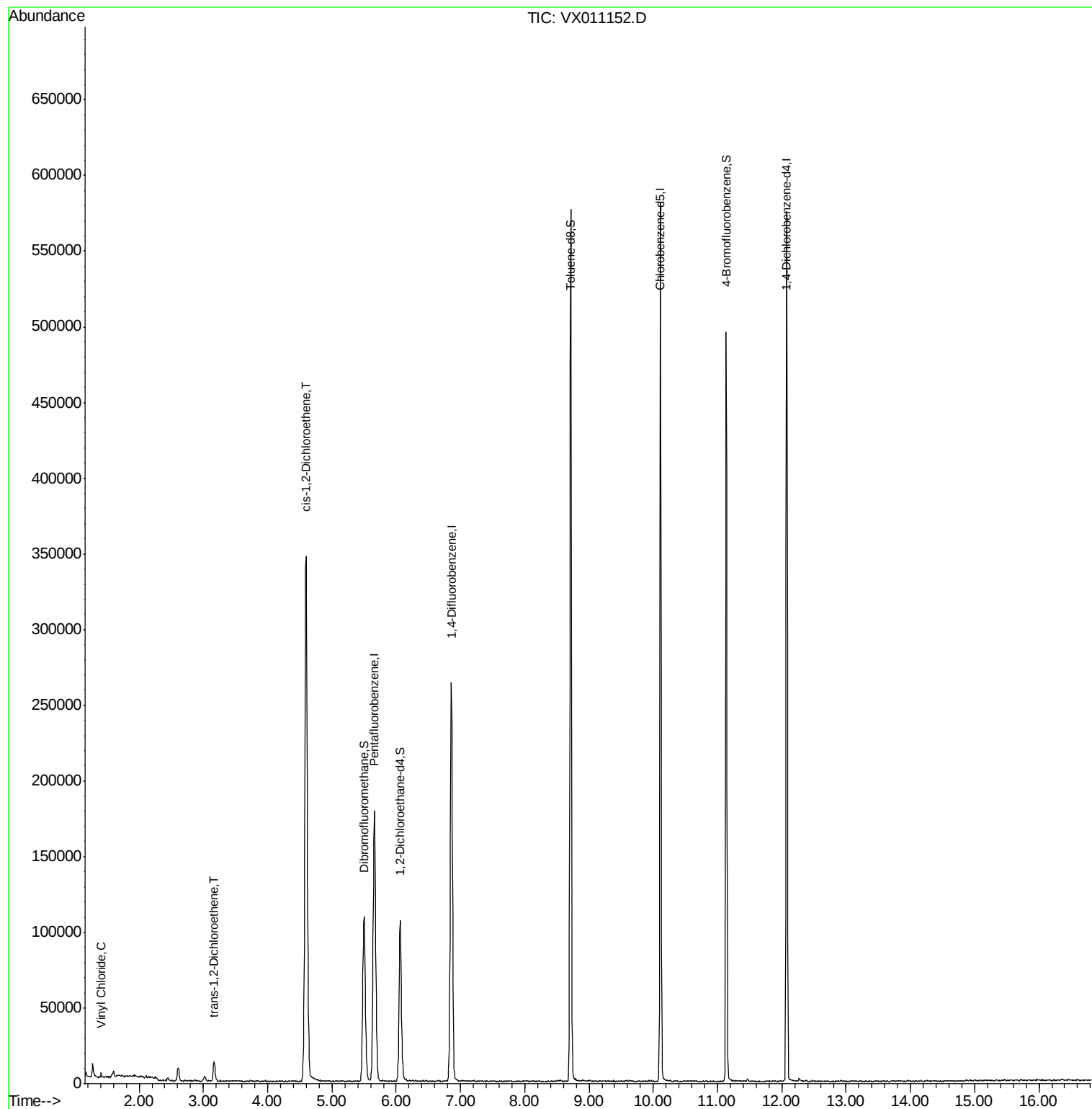
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	178259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	284213	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	97595	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
35) Dibromofluoromethane	5.49	113	90659	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	8.71	98	339696	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.13	95	120249	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
Target Compounds						
4) Vinyl Chloride	1.41	62	1483	0.887	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	5573	3.308	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	235869	120.971	ug/l	88

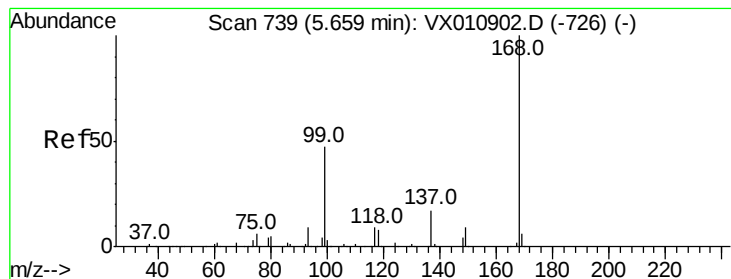
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011152.D

Acq: 29 Jul 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

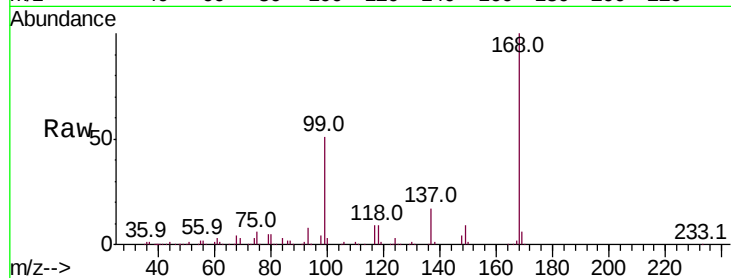
Z3-0676

Tot Ion:168 Resp: 178259

Ion Ratio Lower Upper

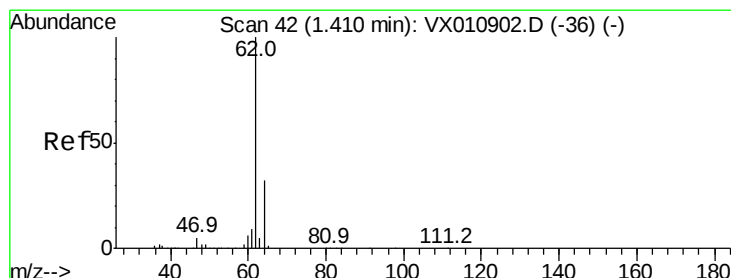
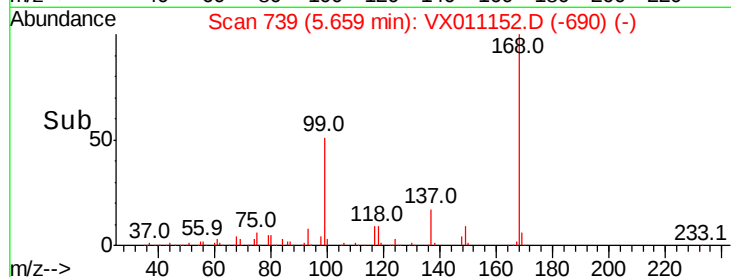
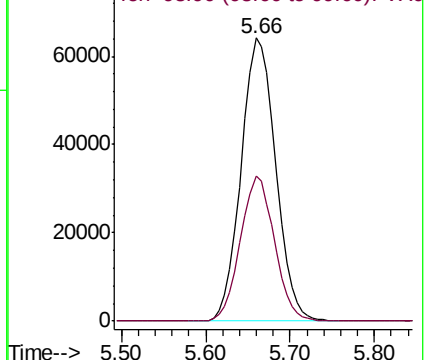
168 100

99 51.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.887 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011152.D

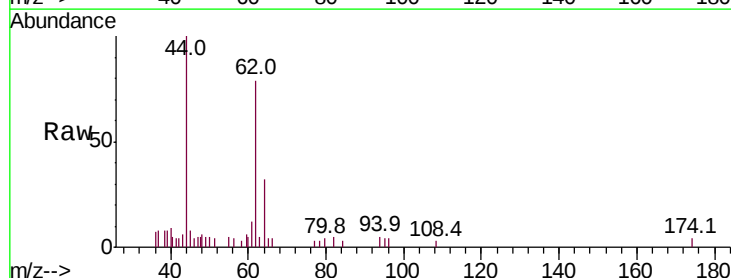
Acq: 29 Jul 2019 17:45

Tgt Ion: 62 Resp: 1483

Ion Ratio Lower Upper

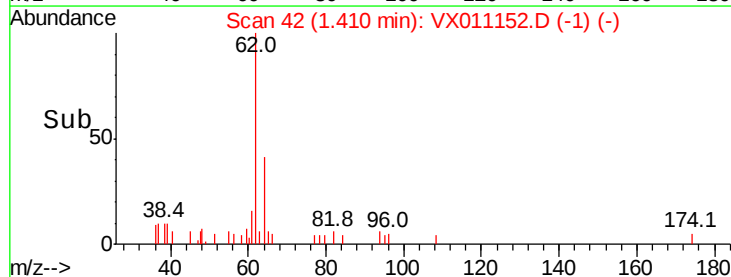
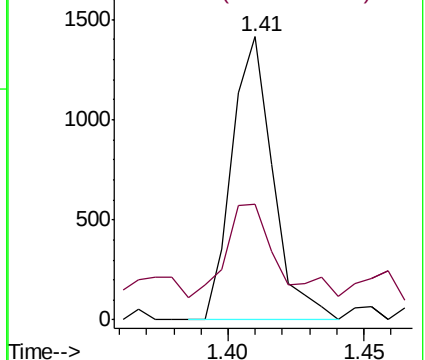
62 100

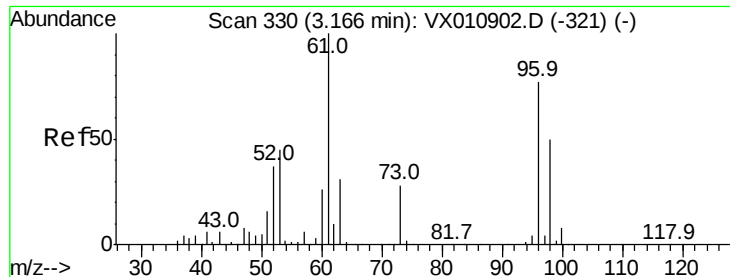
64 33.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 3.308 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011152.D

Acq: 29 Jul 2019 17:45

Instrument :

MSVOA_X

ClientSampled :

Z3-0676

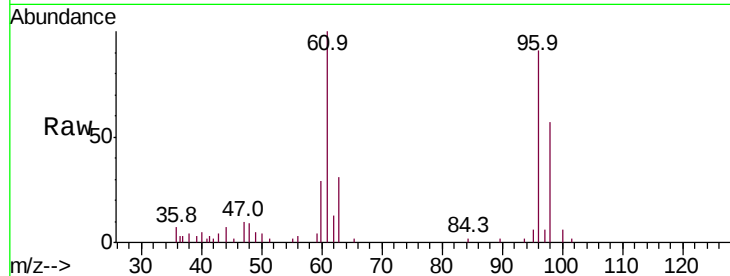
Tot Ion: 96 Resp: 5573

Ion Ratio Lower Upper

96 100

61 109.5 104.2 156.2

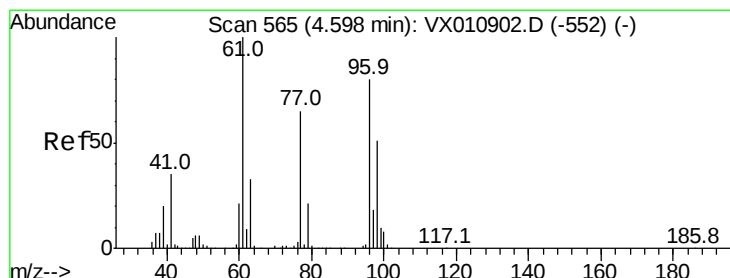
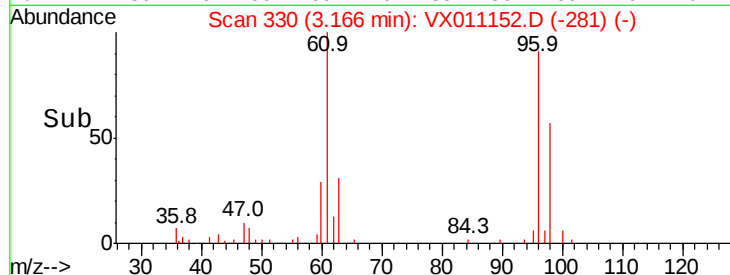
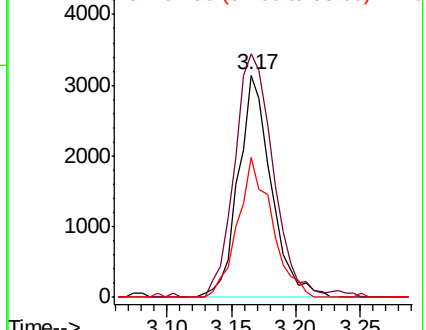
98 62.8 52.2 78.4



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



#27

cis-1,2-Dichloroethene

Concen: 120.971 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX011152.D

Acq: 29 Jul 2019 17:45

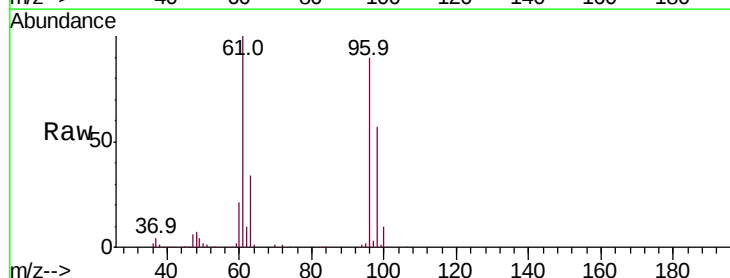
Tgt Ion: 96 Resp: 235869

Ion Ratio Lower Upper

96 100

61 114.7 0.0 269.0

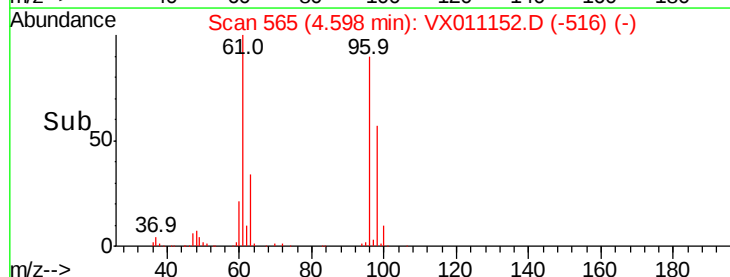
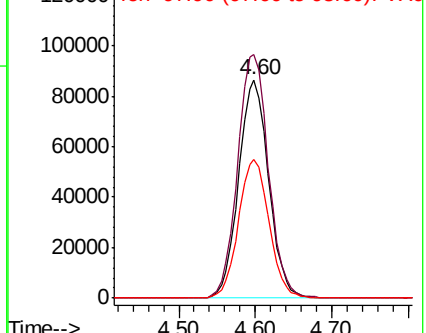
98 64.6 0.0 131.4

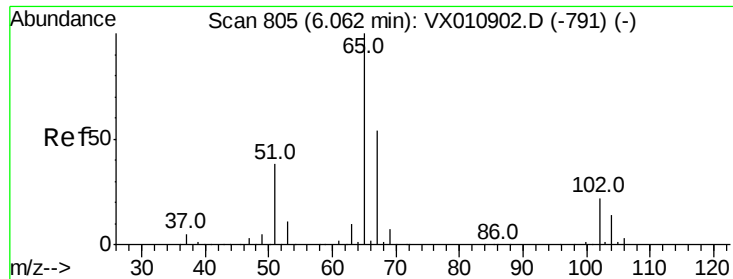


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.463 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011152.D

Acq: 29 Jul 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

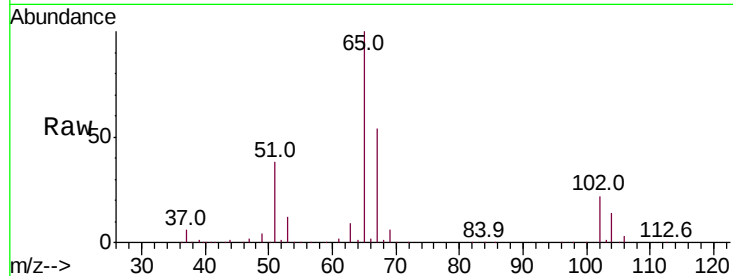
Z3-0676

Tot Ion: 65 Resp: 97595

Ion Ratio Lower Upper

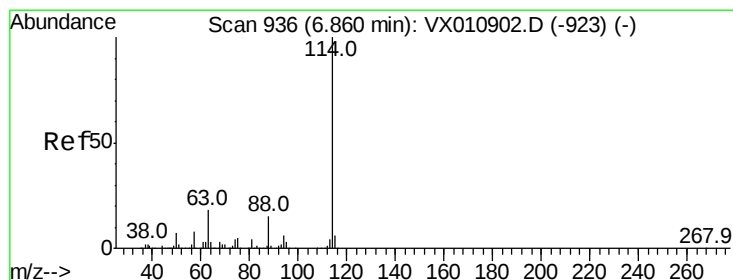
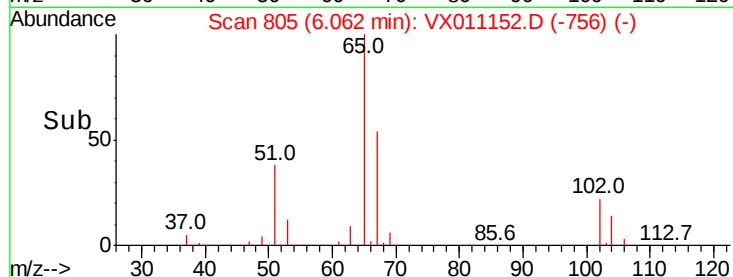
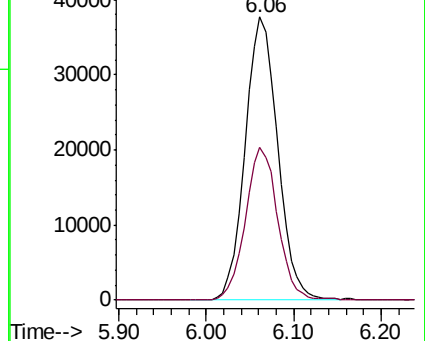
65 100

67 53.7 0.0 107.8



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011152.D

Acq: 29 Jul 2019 17:45

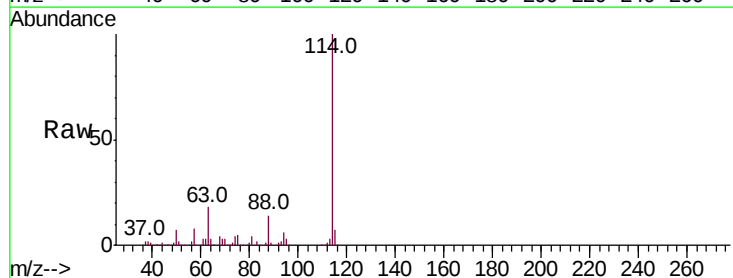
Tgt Ion: 114 Resp: 284213

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

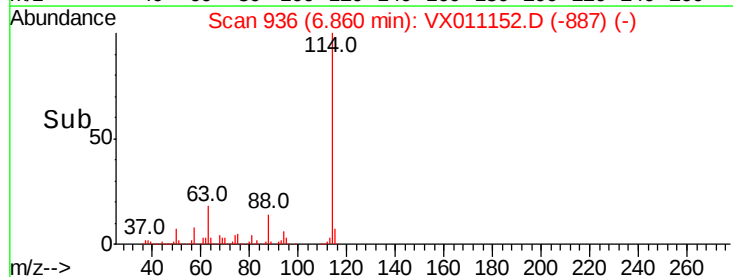
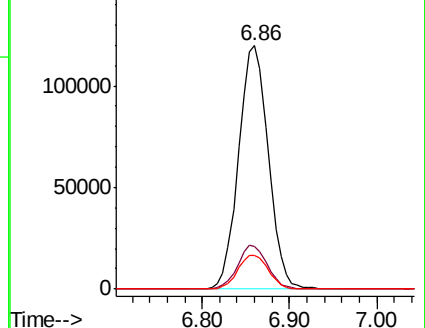
88 14.0 0.0 29.8

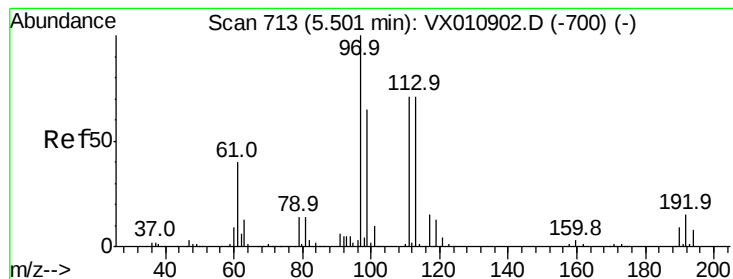


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.256 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011152.D

Acq: 29 Jul 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

Z3-0676

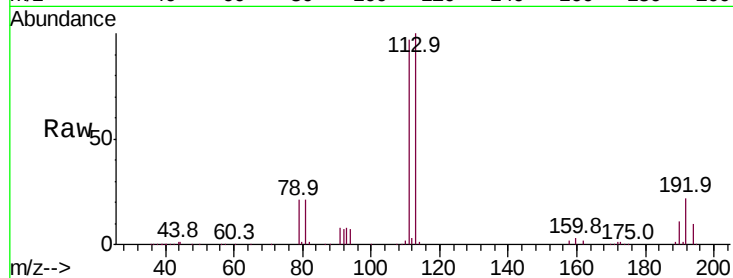
Tot Ion:113 Resp: 90659

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

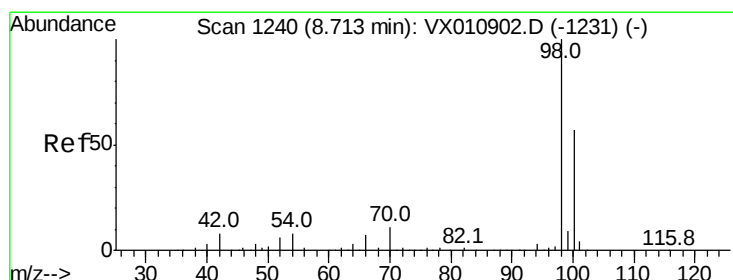
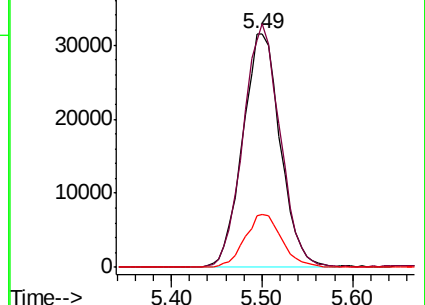
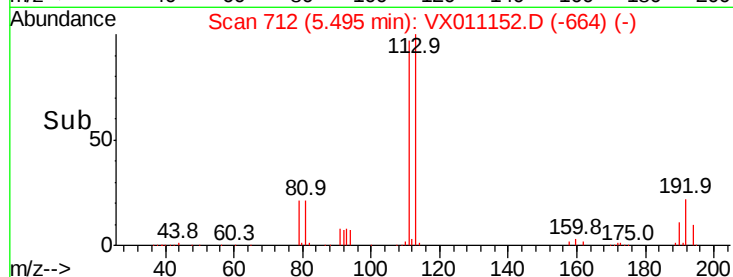
192 22.2 17.4 26.2



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: 50.206 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011152.D

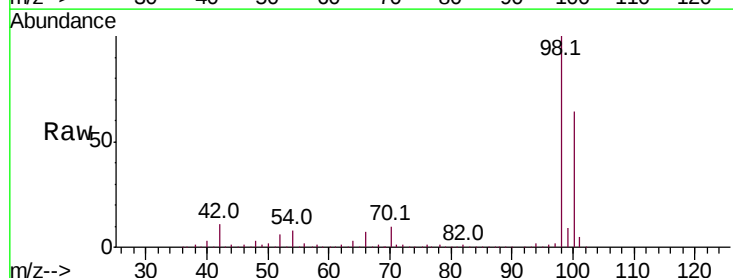
Acq: 29 Jul 2019 17:45

Tgt Ion: 98 Resp: 339696

Ion Ratio Lower Upper

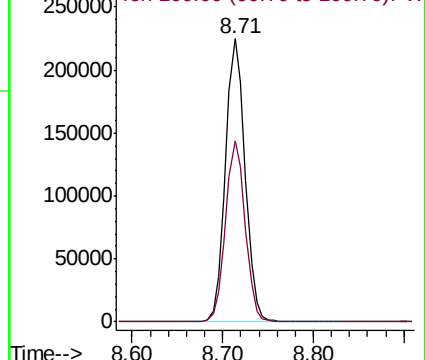
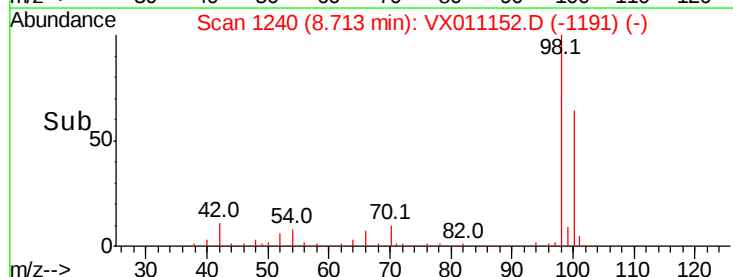
98 100

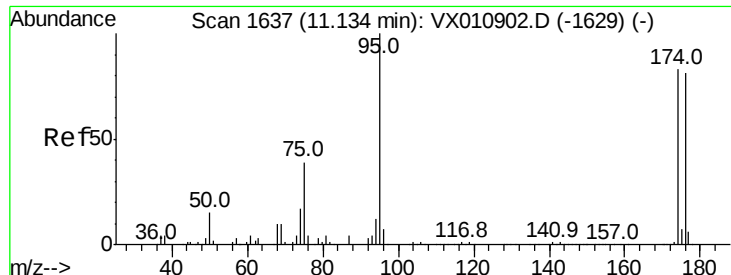
100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.351 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011152.D

Acq: 29 Jul 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

Z3-0676

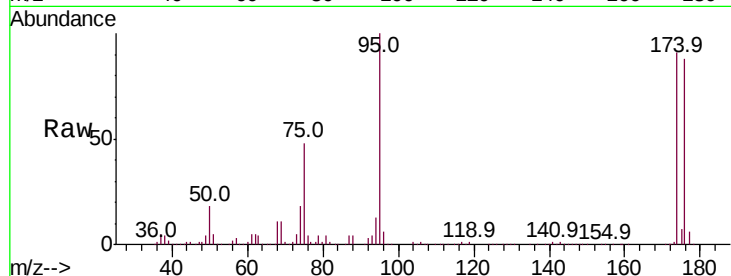
Tot Ion: 95 Resp: 120249

Ion Ratio Lower Upper

95 100

174 91.5 0.0 180.6

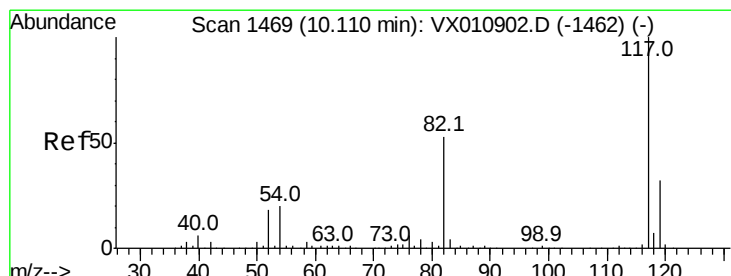
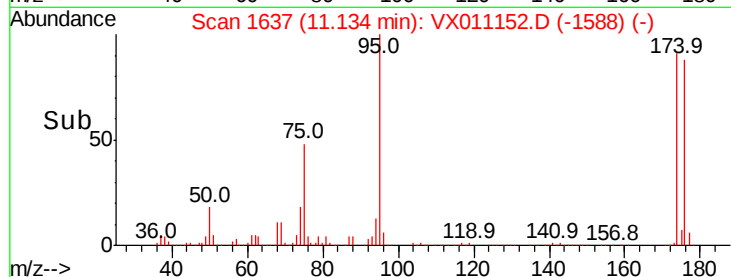
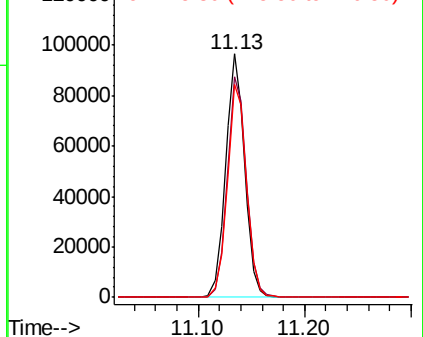
176 88.5 0.0 173.8



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: VX011152.D

Acq: 29 Jul 2019 17:45

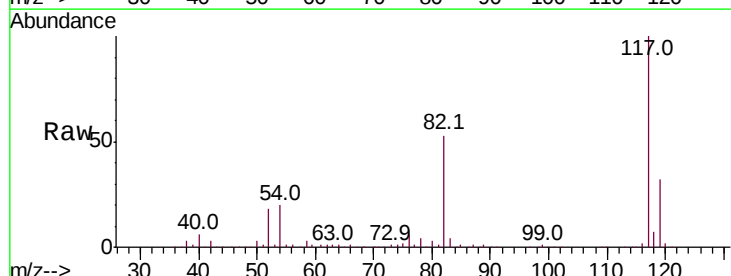
Tgt Ion: 117 Resp: 263744

Ion Ratio Lower Upper

117 100

82 52.6 42.6 63.8

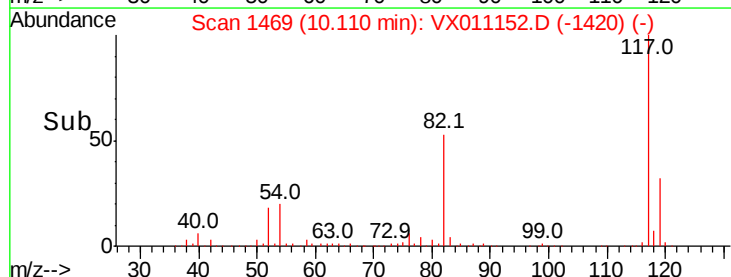
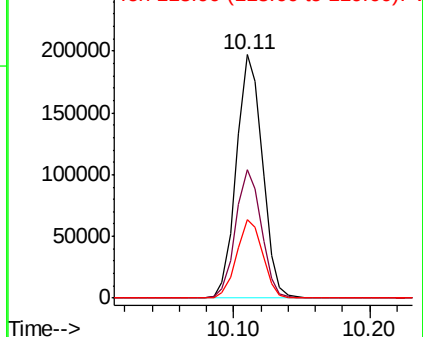
119 32.2 25.9 38.9

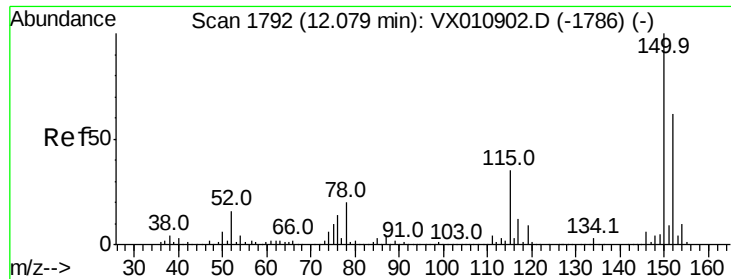


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011152.D
 Acq: 29 Jul 2019 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0676

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.7	119.1
150	158.1	0.0	345.6

