

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011156.D
 Acq On : 29 Jul 2019 19:19
 Operator : JC/SP
 Sample : K4026-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0681

Quant Time: Jul 30 06:08:12 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

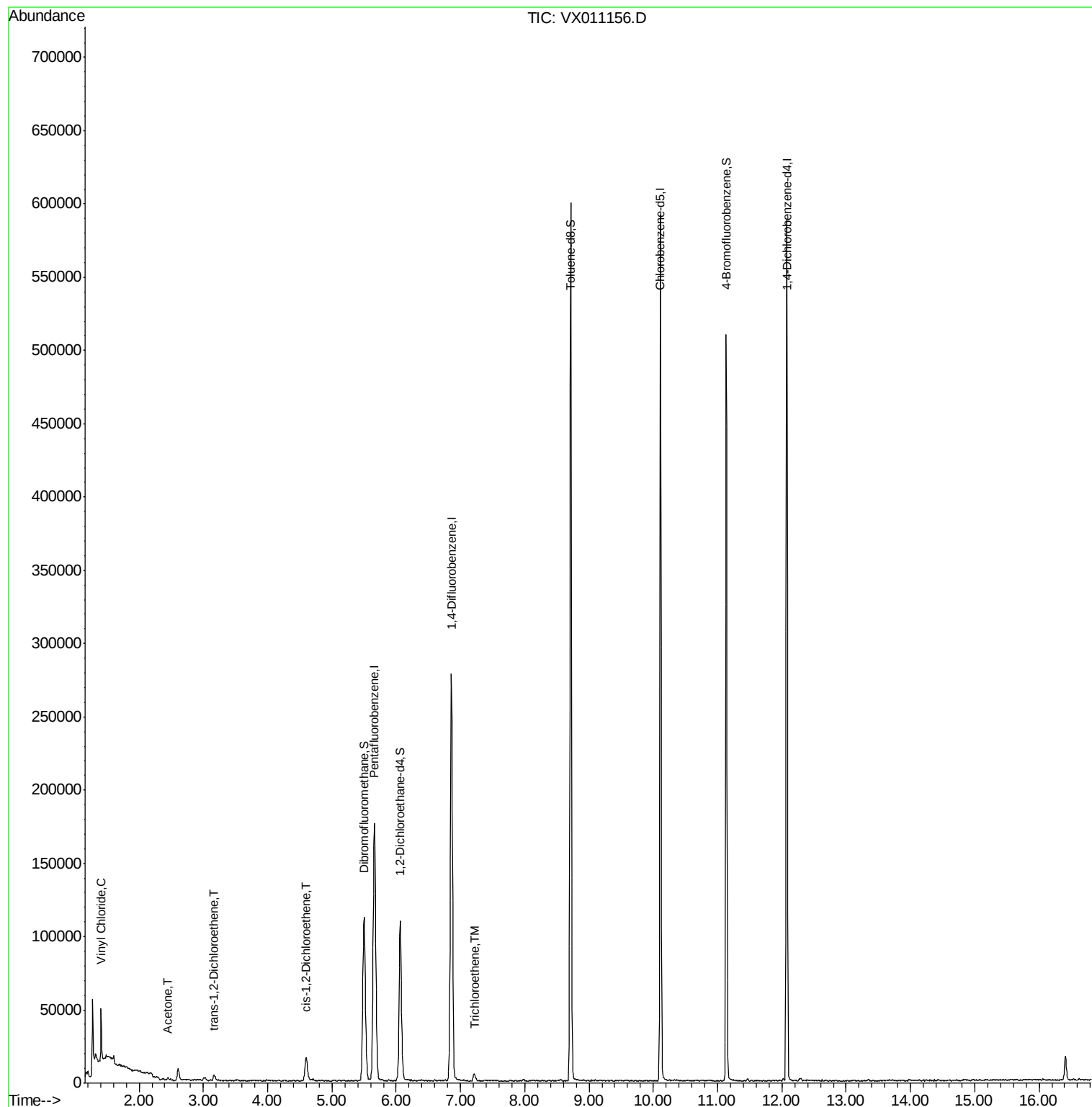
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	100620	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
35) Dibromofluoromethane	5.50	113	94091	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	8.71	98	354519	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	122941	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	21365	12.689	ug/l	95
16) Acetone	2.45	43	2102	2.437	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	1381	0.814	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	10949	5.576	ug/l	91
44) Trichloroethene	7.22	130	1787	0.824	ug/l	60

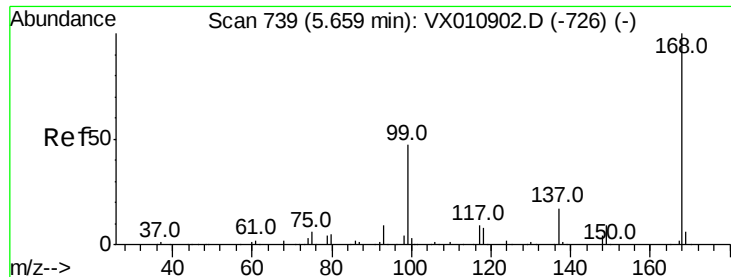
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011156.D

Acq: 29 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

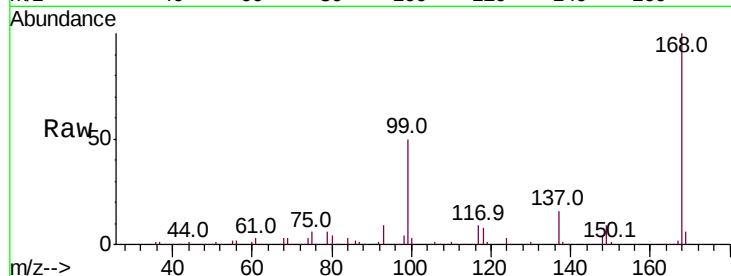
Z3-0681

Tot Ion:168 Resp: 179511

Ion Ratio Lower Upper

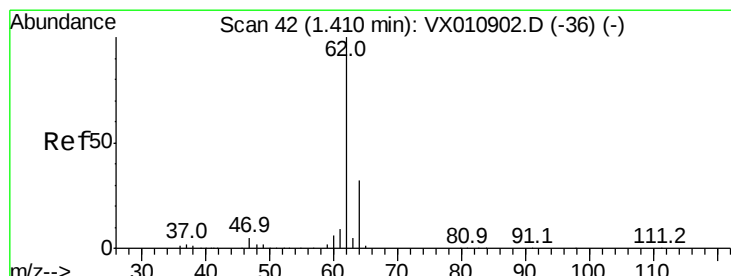
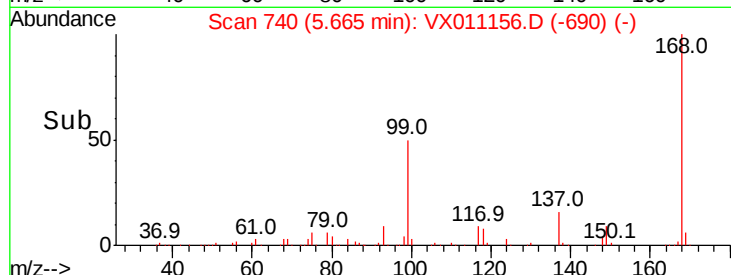
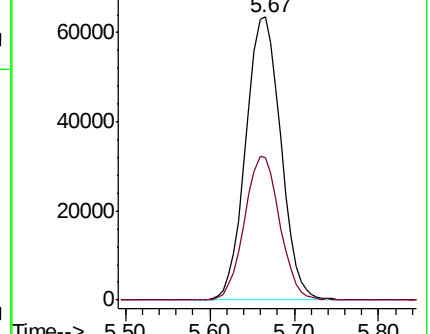
168 100

99 50.2 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: 12.689 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011156.D

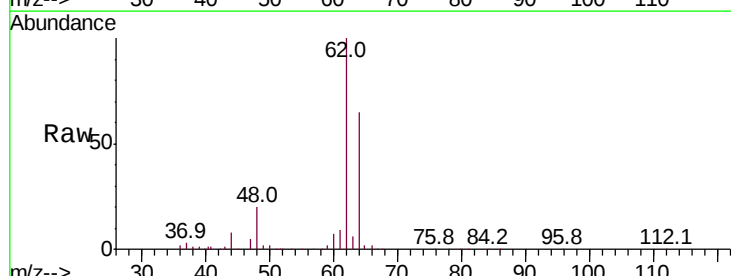
Acq: 29 Jul 2019 19:19

Tgt Ion: 62 Resp: 21365

Ion Ratio Lower Upper

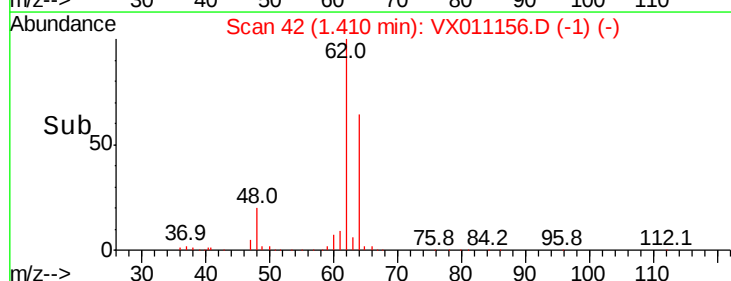
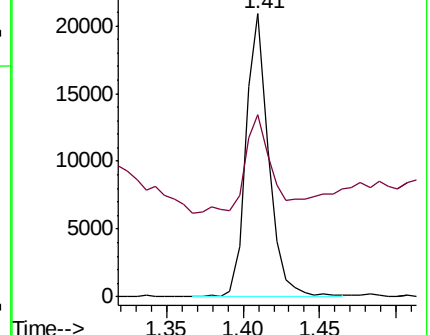
62 100

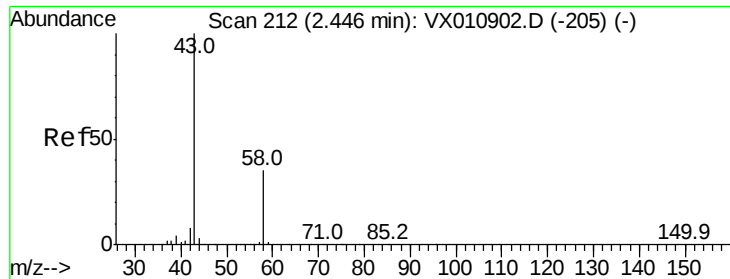
64 34.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 2.437 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011156.D

Acq: 29 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

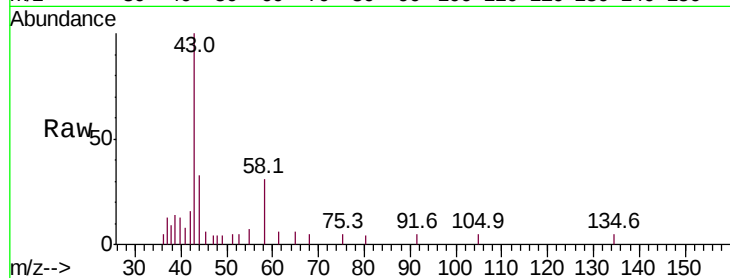
Z3-0681

Tot Ion: 43 Resp: 2102

Ion Ratio Lower Upper

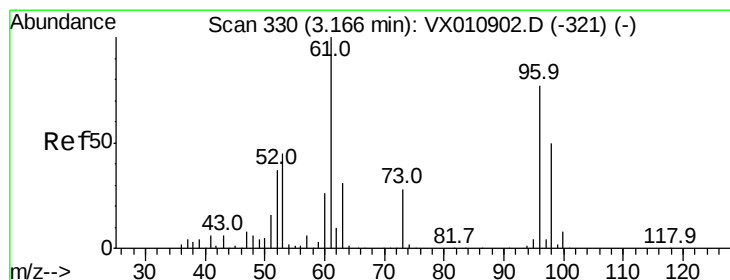
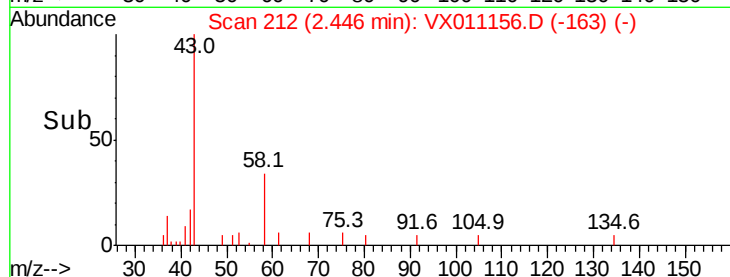
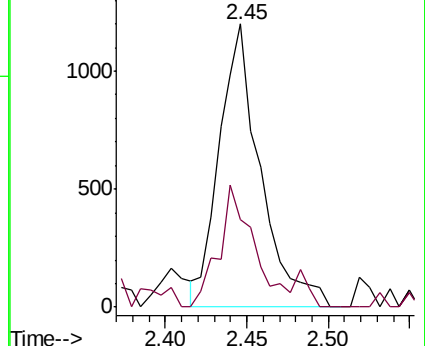
43 100

58 30.9 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.814 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011156.D

Acq: 29 Jul 2019 19:19

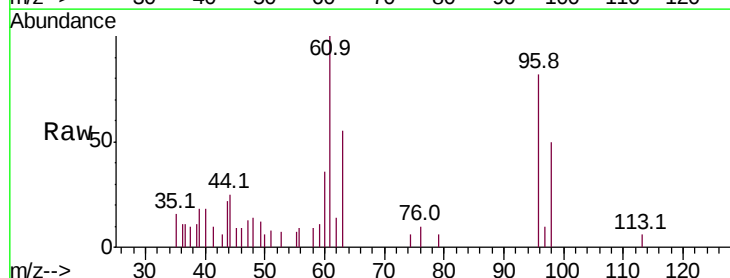
Tgt Ion: 96 Resp: 1381

Ion Ratio Lower Upper

96 100

61 122.4 104.2 156.2

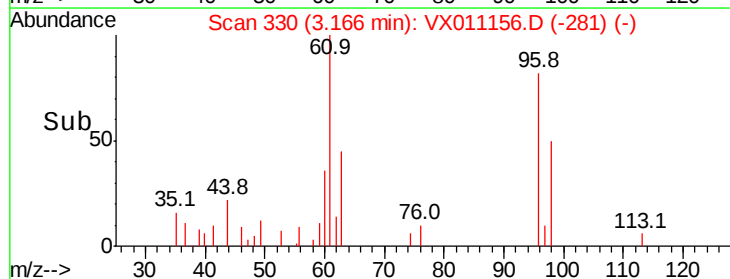
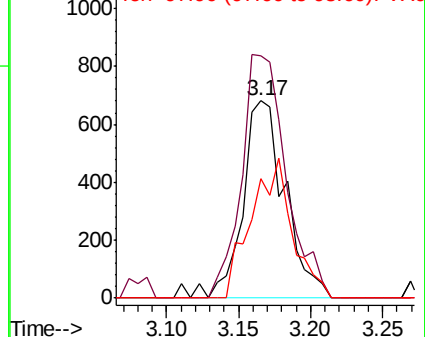
98 60.7 52.2 78.4

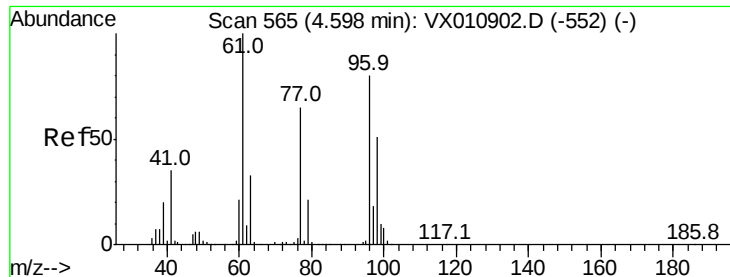


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



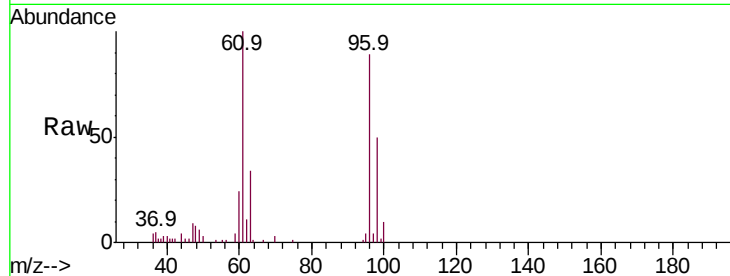


#27

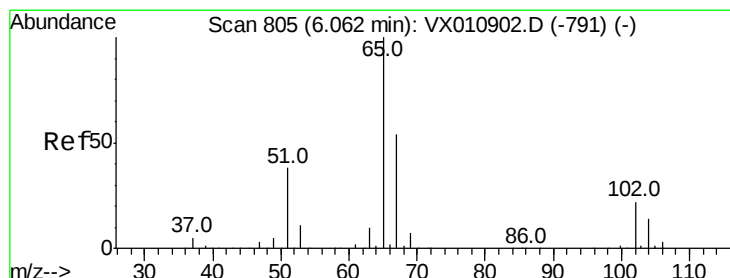
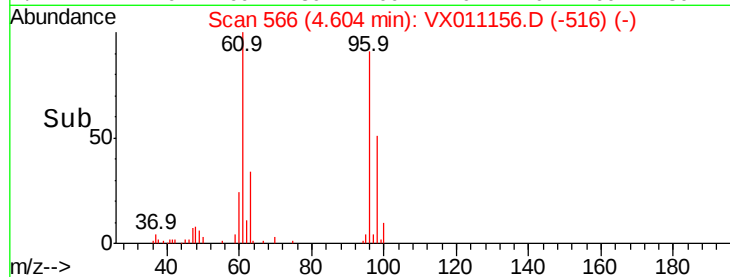
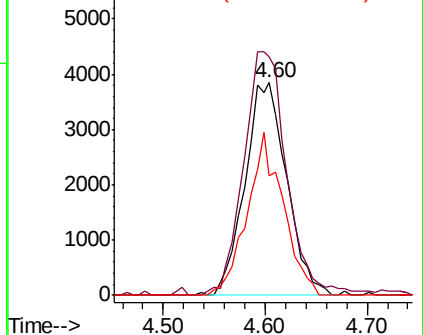
cis-1,2-Dichloroethene
 Concen: 5.576 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX011156.D
 Acq: 29 Jul 2019 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0681

Tot Ion	96	Resp	10949
Ion	Ratio	Lower	Upper
96	100		
61	119.0	0.0	269.0
98	65.8	0.0	131.4



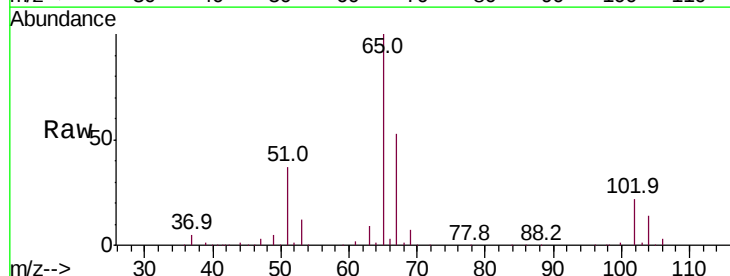
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



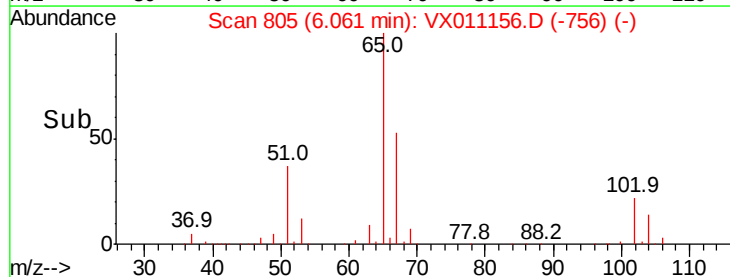
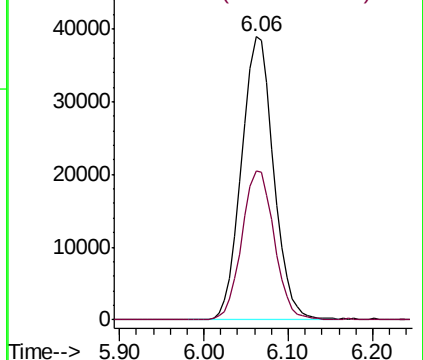
#33

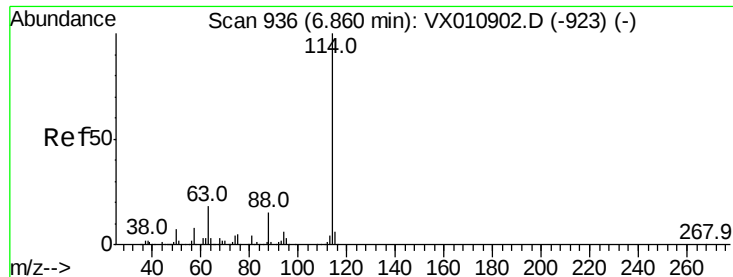
1,2-Dichloroethane-d4
 Concen: 52.688 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011156.D
 Acq: 29 Jul 2019 19:19

Tgt Ion	65	Resp	100620
Ion	Ratio	Lower	Upper
65	100		
67	53.1	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: VX011156.D

Acq: 29 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

Z3-0681

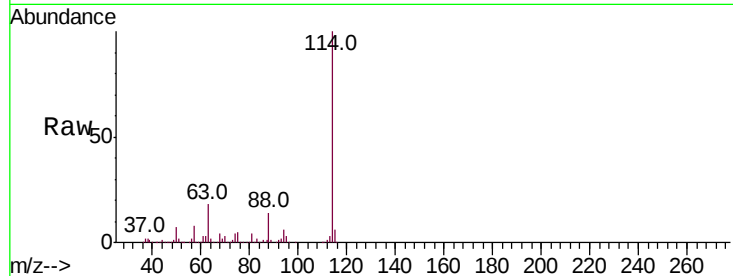
Tot Ion:114 Resp: 291133

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.6

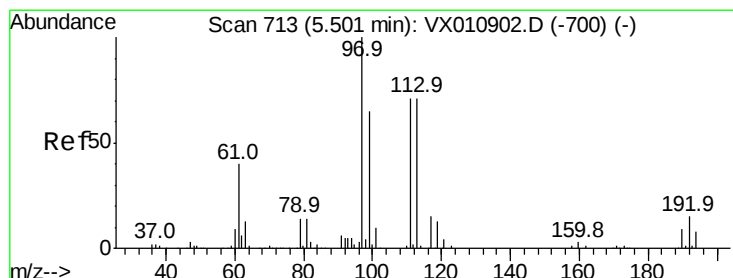
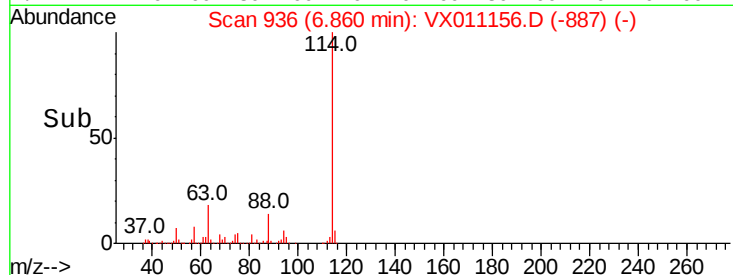
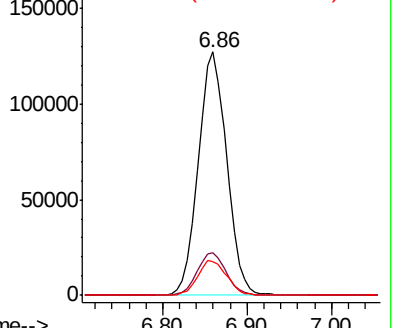
88 14.1 0.0 29.8



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: 50.918 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011156.D

Acq: 29 Jul 2019 19:19

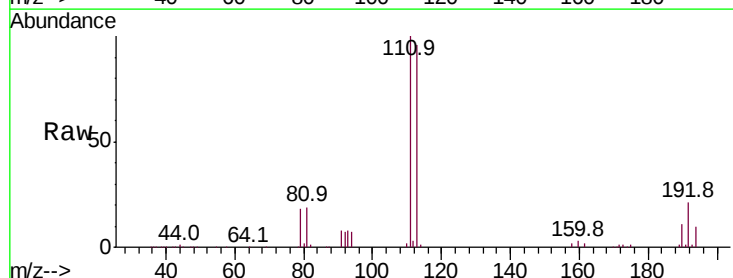
Tgt Ion:113 Resp: 94091

Ion Ratio Lower Upper

113 100

111 100.8 82.3 123.5

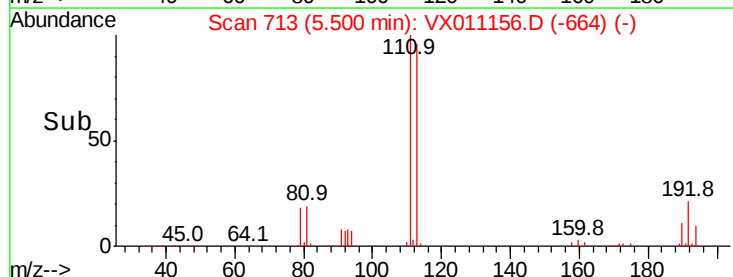
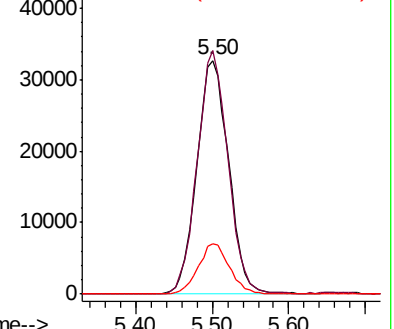
192 21.2 17.4 26.2

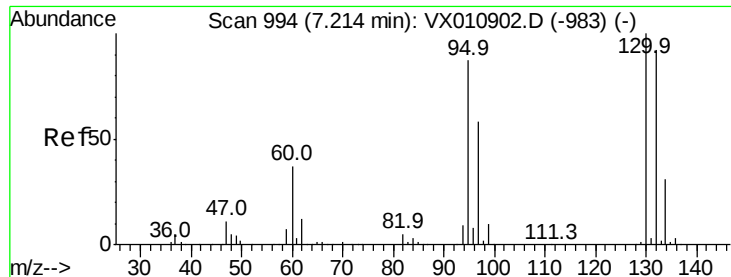


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

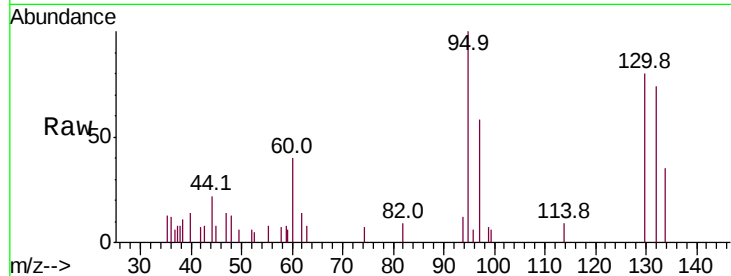




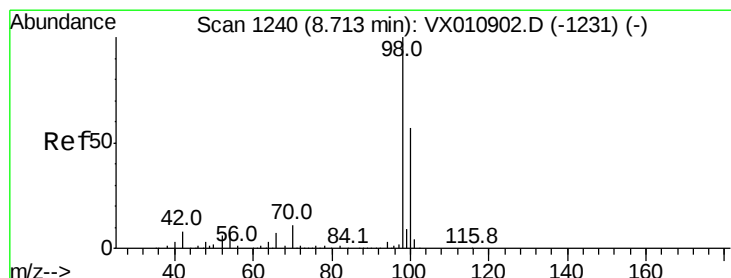
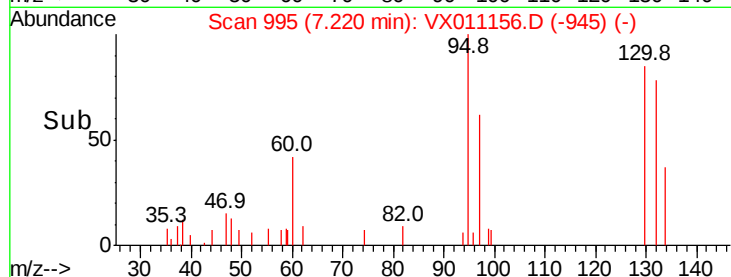
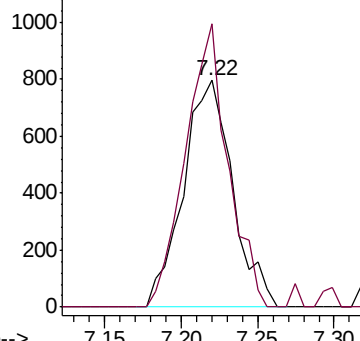
#44
 Trichloroethene
 Concen: 0.824 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX011156.D
 Acq: 29 Jul 2019 19:19

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0681

Tot Ion:130 Resp: 1787
 Ion Ratio Lower Upper
 130 100
 95 124.9 0.0 174.8

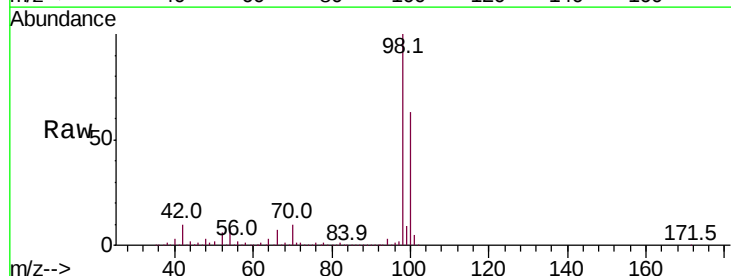


Abundance Ion 129.80 (129.50 to 130.50): VX011156.D (-945) (-)
 Ion 94.90 (94.60 to 95.60): VX011156.D (-945) (-)

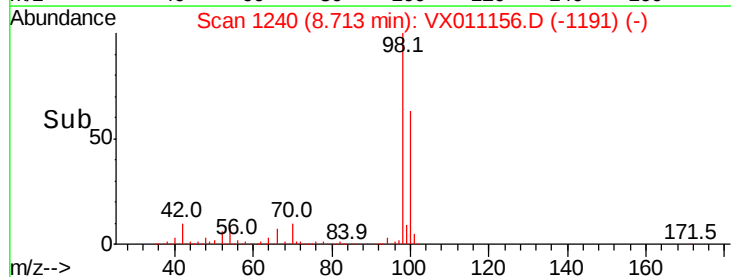
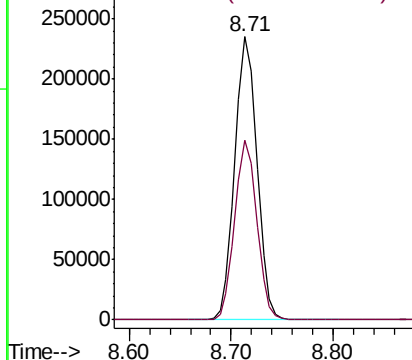


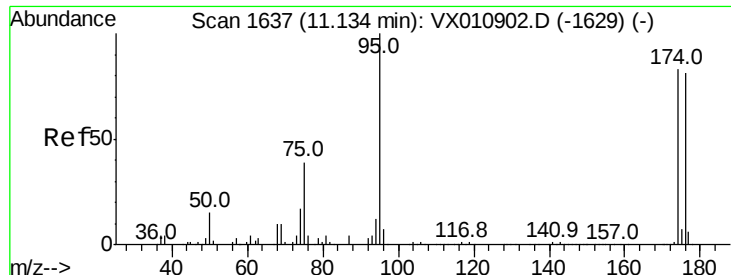
#50
 Toluene-d8
 Concen: 51.152 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011156.D
 Acq: 29 Jul 2019 19:19

Tgt Ion: 98 Resp: 354519
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX011156.D (-1191) (-)
 Ion 100.00 (99.70 to 100.70): VX011156.D (-1191) (-)





#62

4-Bromofluorobenzene

Concen: 48.259 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011156.D

Acq: 29 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

Z3-0681

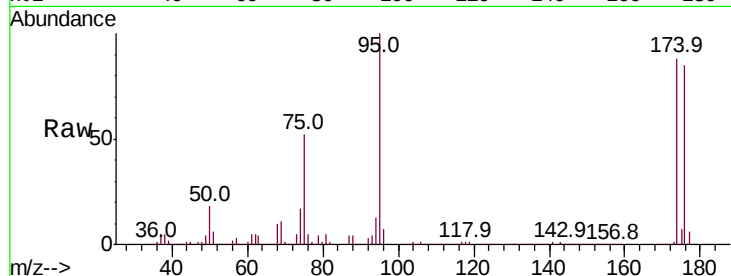
Tot Ion: 95 Resp: 122941

Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.6

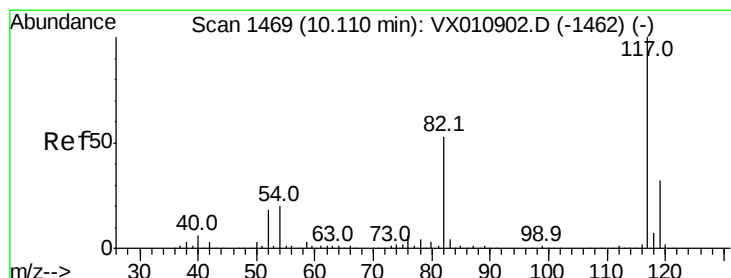
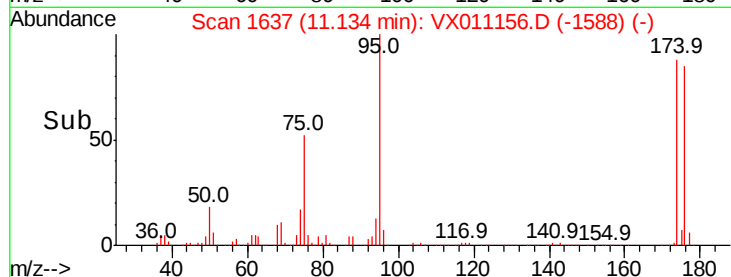
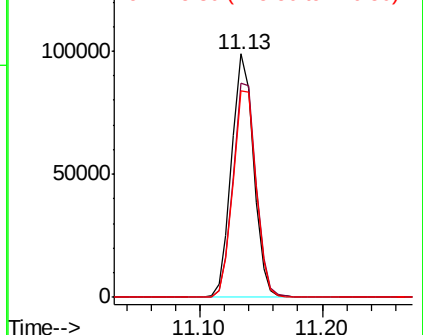
176 88.7 0.0 173.8



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: VX011156.D

Acq: 29 Jul 2019 19:19

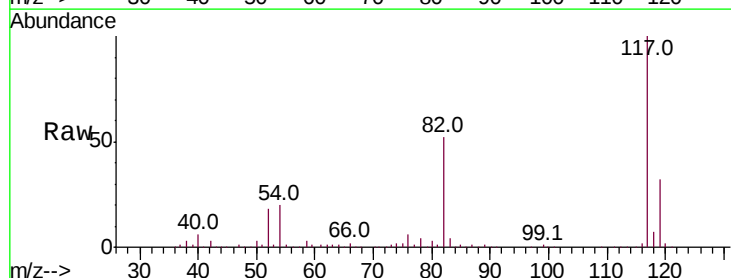
Tgt Ion: 117 Resp: 274617

Ion Ratio Lower Upper

117 100

82 51.8 42.6 63.8

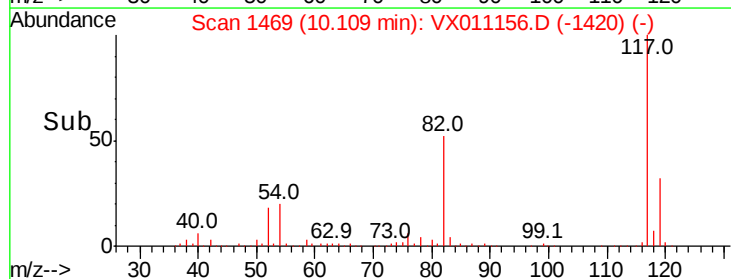
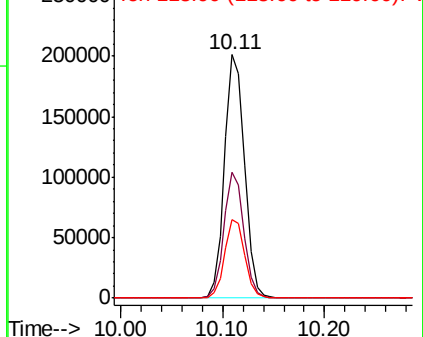
119 32.1 25.9 38.9

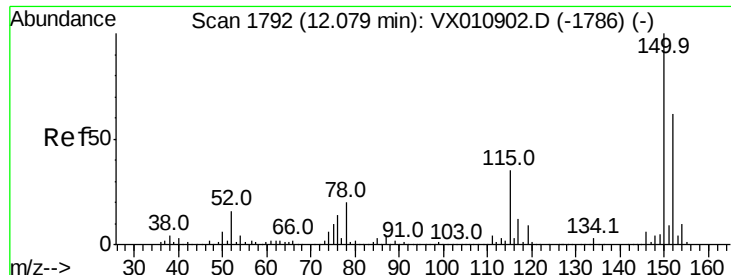


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

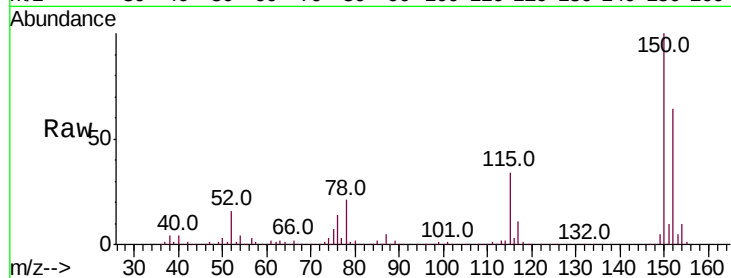




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011156.D
 Acq: 29 Jul 2019 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0681

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.7	119.1
150	157.6	0.0	345.6



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

