

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011195.D
 Acq On : 30 Jul 2019 15:20
 Operator : JC/SP
 Sample : K4026-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0684DL

Quant Time: Jul 31 08:33:45 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

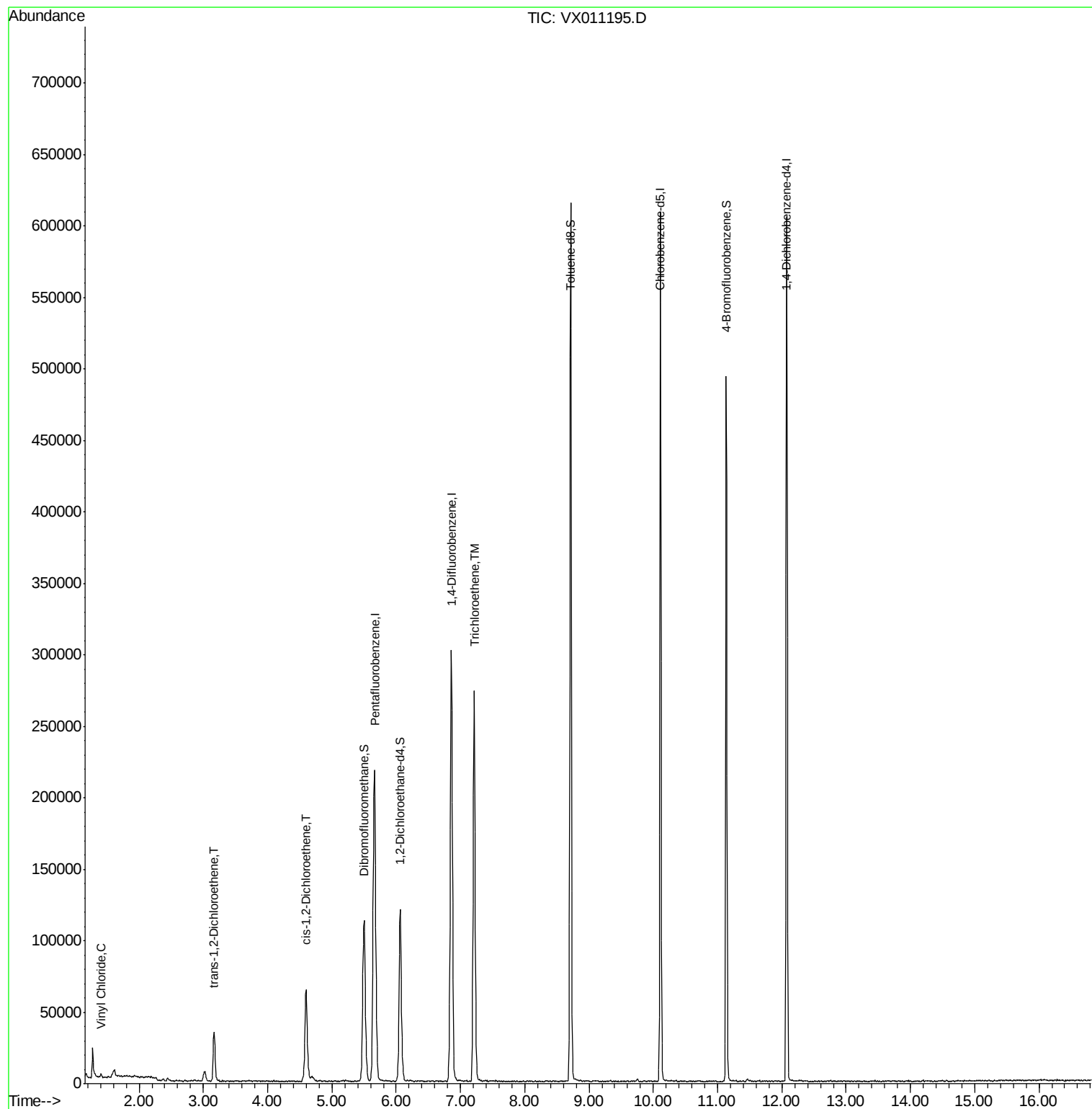
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316521	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109747	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
35) Dibromofluoromethane	5.50	113	95570	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	8.71	98	367067	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.13	95	120797	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	1370	0.661	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	15805	7.563	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	42975	17.769	ug/l	88
44) Trichloroethene	7.21	130	106883	45.339	ug/l	93

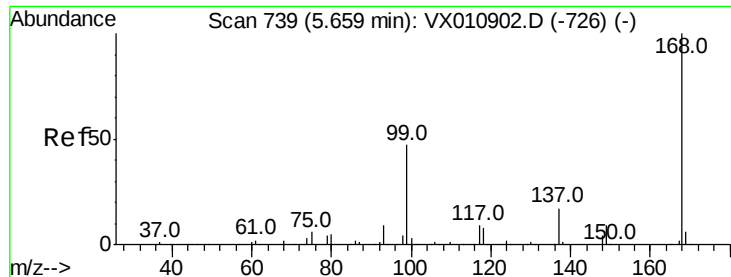
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 31 08:33:45 2019
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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: VX011195.D

Acq: 30 Jul 2019 15:20

Instrument :

MSVOA_X

ClientSampled :

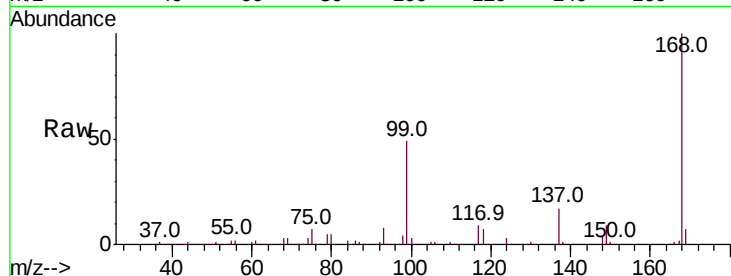
Z3-0684DL

Tot Ion:168 Resp: 221118

Ion Ratio Lower Upper

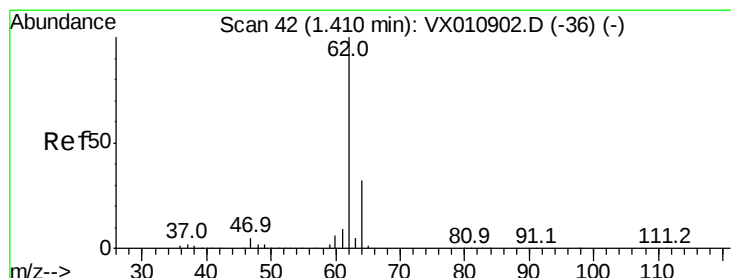
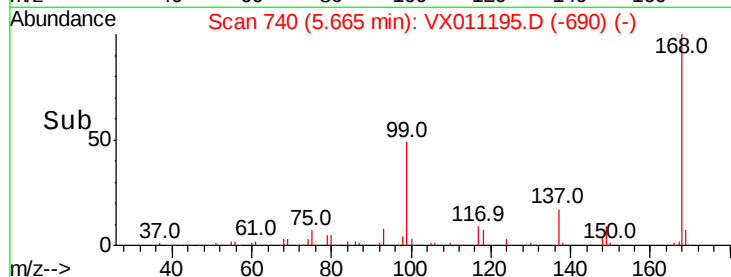
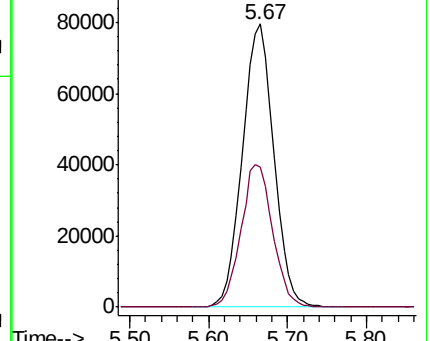
168 100

99 49.3 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: 0.661 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011195.D

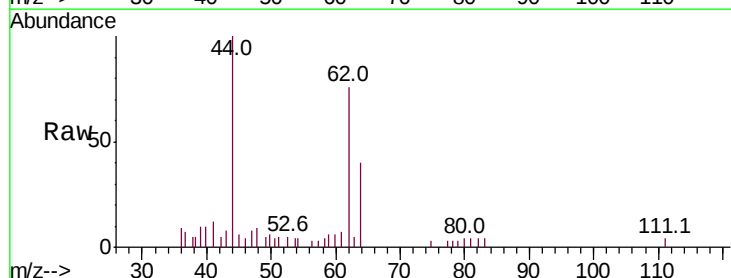
Acq: 30 Jul 2019 15:20

Tgt Ion: 62 Resp: 1370

Ion Ratio Lower Upper

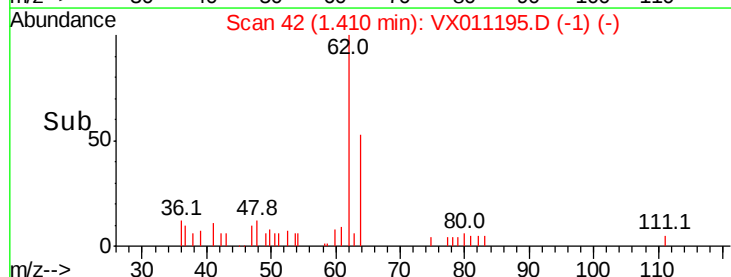
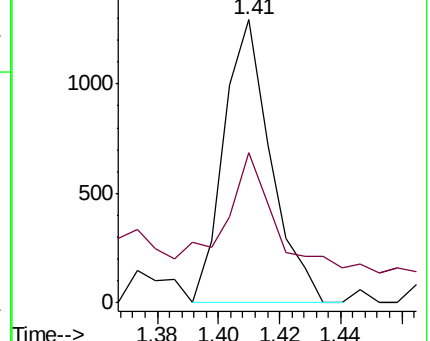
62 100

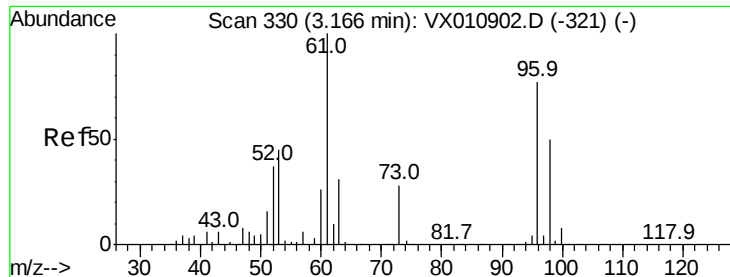
64 40.9 25.7 38.5#



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: 7.563 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011195.D

Acq: 30 Jul 2019 15:20

Instrument :

MSVOA_X

ClientSampled :

Z3-0684DL

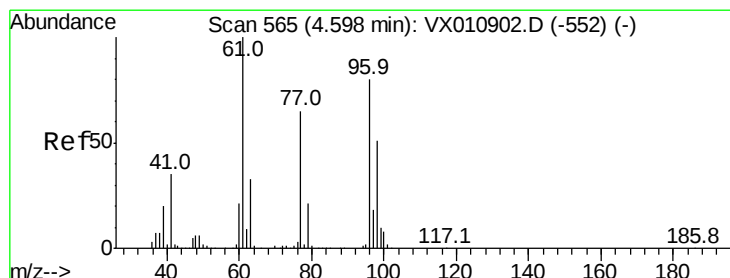
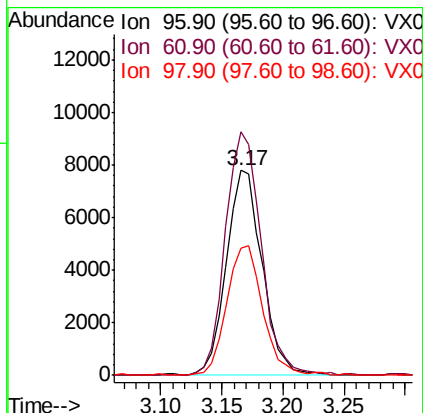
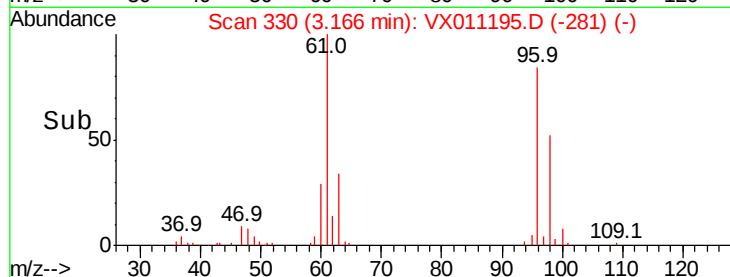
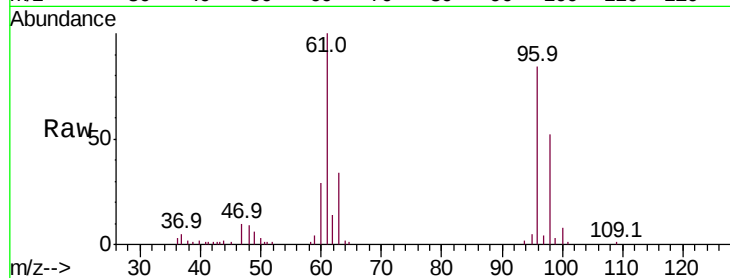
Tot Ion: 96 Resp: 15805

Ion Ratio Lower Upper

96 100

61 119.0 104.2 156.2

98 62.1 52.2 78.4



#27

cis-1,2-Dichloroethene

Concen: 17.769 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX011195.D

Acq: 30 Jul 2019 15:20

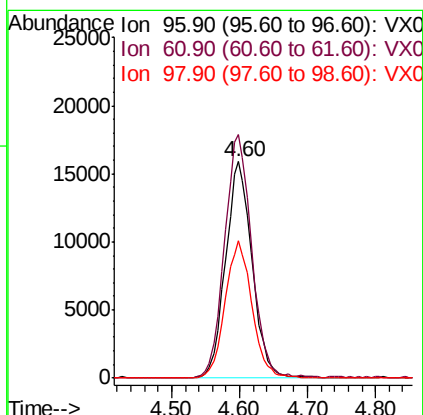
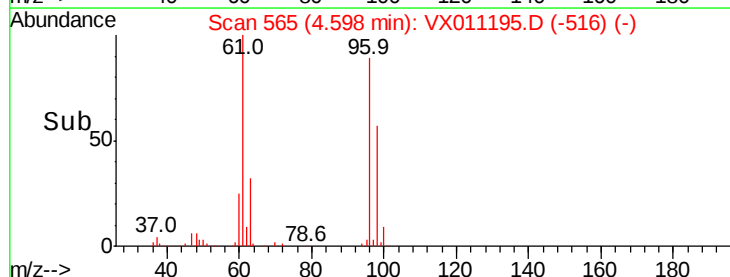
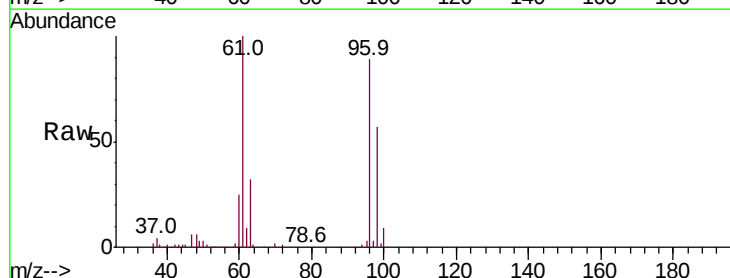
Tgt Ion: 96 Resp: 42975

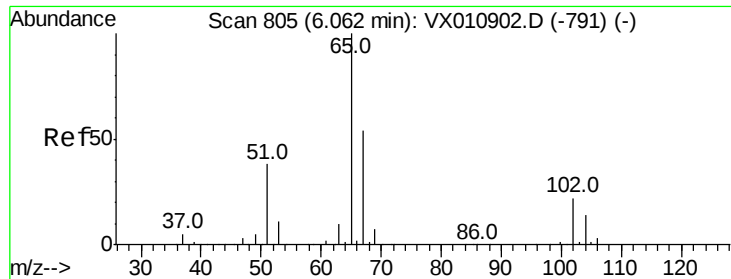
Ion Ratio Lower Upper

96 100

61 115.1 0.0 269.0

98 63.7 0.0 131.4





#33

1,2-Dichloroethane-d4

Concen: 46.654 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011195.D

Acq: 30 Jul 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

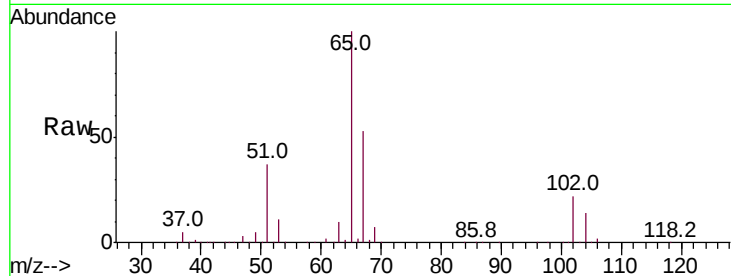
Z3-0684DL

Tot Ion: 65 Resp: 109747

Ion Ratio Lower Upper

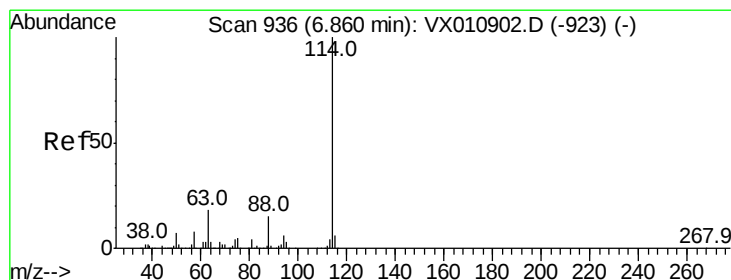
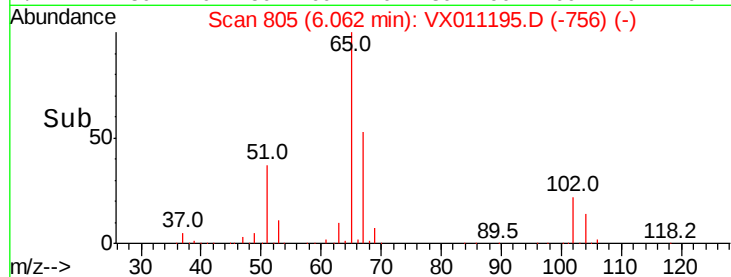
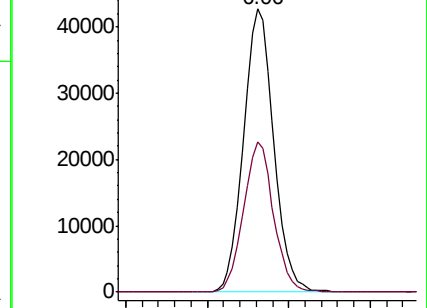
65 100

67 52.8 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: VX011195.D

Acq: 30 Jul 2019 15:20

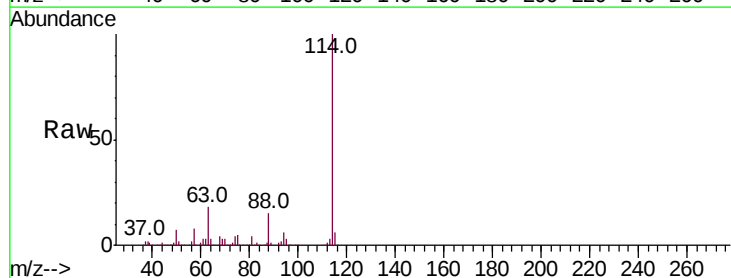
Tgt Ion: 114 Resp: 316521

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

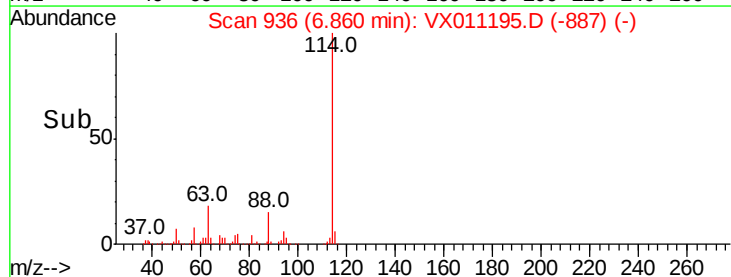
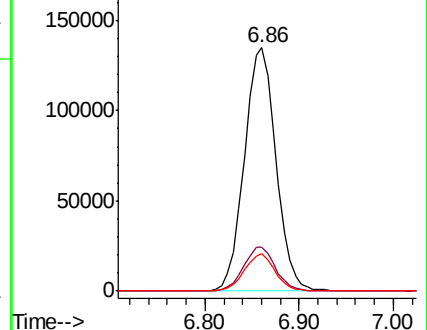
88 15.2 0.0 29.8

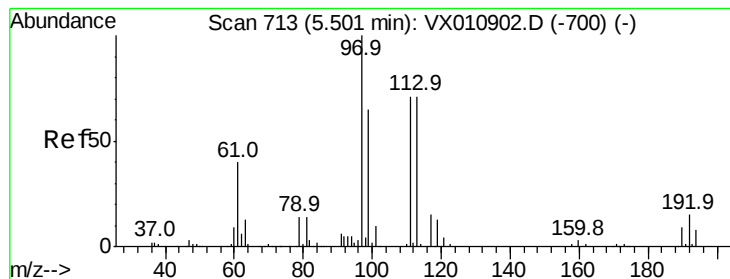


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.570 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011195.D

Acq: 30 Jul 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

Z3-0684DL

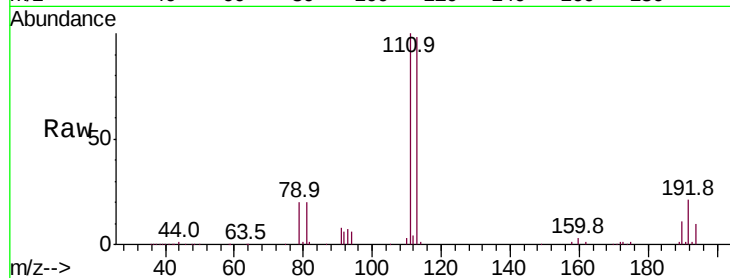
Tot Ion:113 Resp: 95570

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

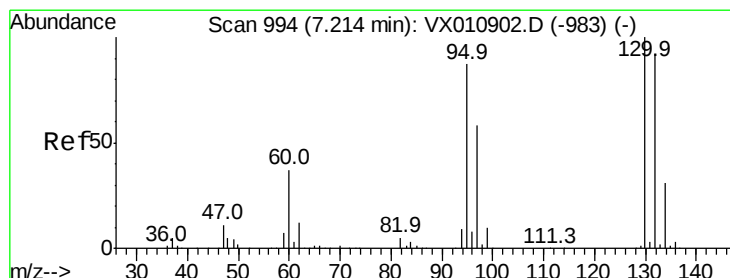
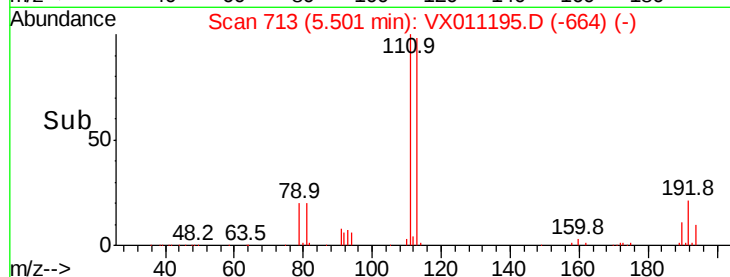
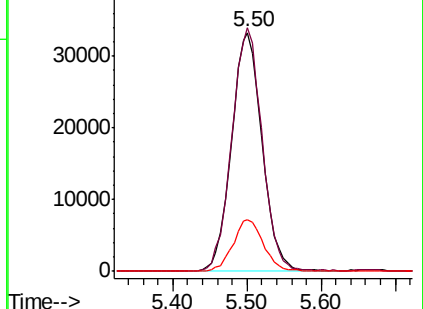
192 21.5 17.4 26.2



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: 45.339 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011195.D

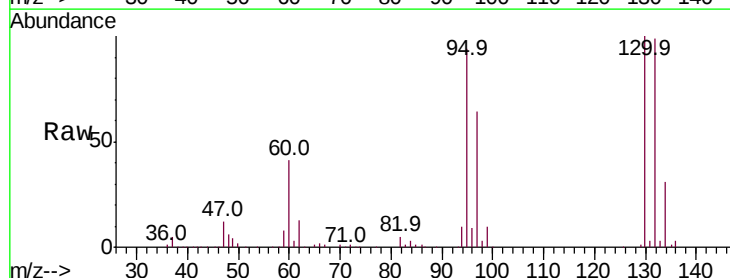
Acq: 30 Jul 2019 15:20

Tgt Ion:130 Resp: 106883

Ion Ratio Lower Upper

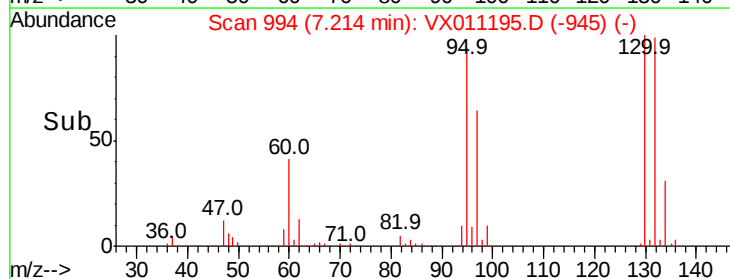
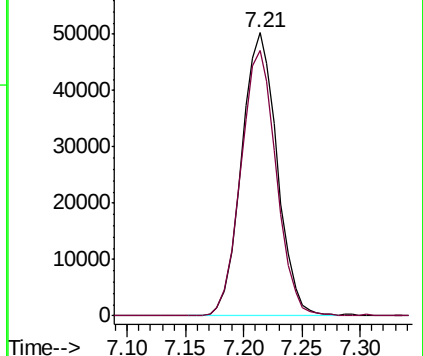
130 100

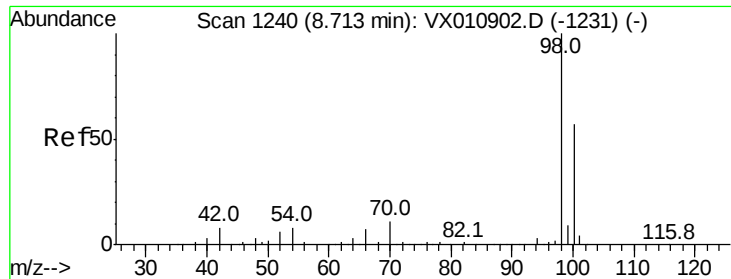
95 93.7 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.714 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011195.D

Acq: 30 Jul 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

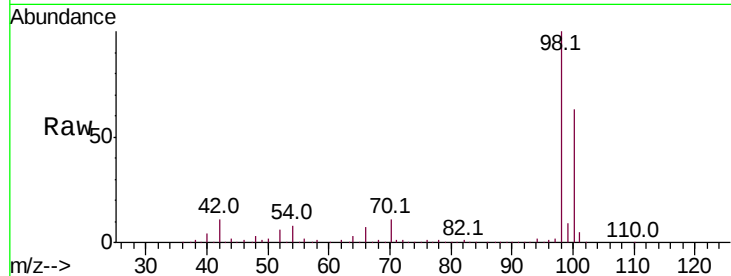
Z3-0684DL

Tot Ion: 98 Resp: 367067

Ion Ratio Lower Upper

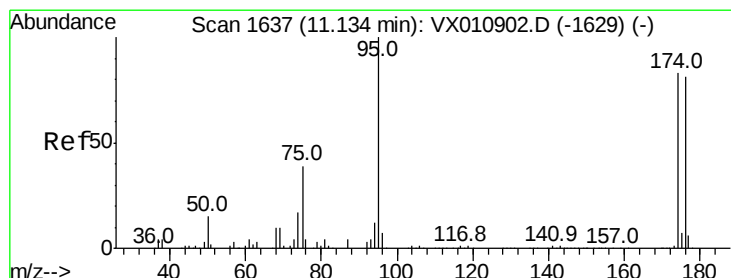
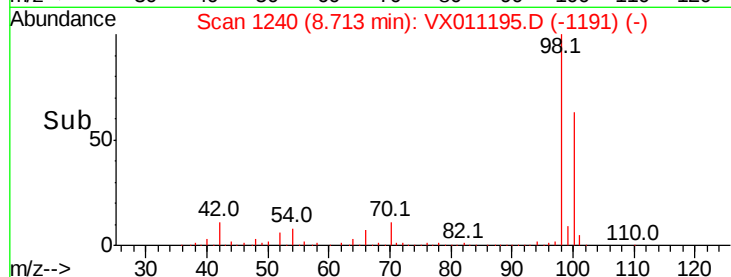
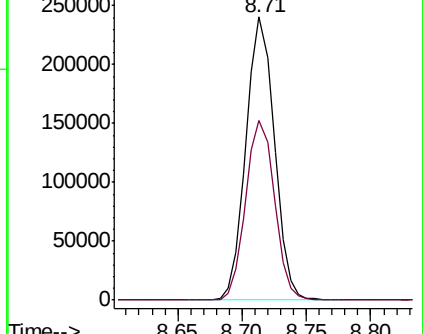
98 100

100 64.2 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: 43.614 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011195.D

Acq: 30 Jul 2019 15:20

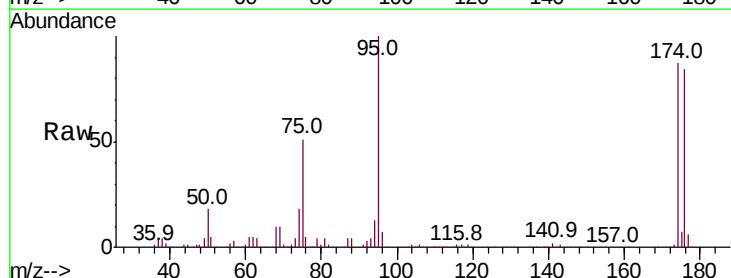
Tgt Ion: 95 Resp: 120797

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.6

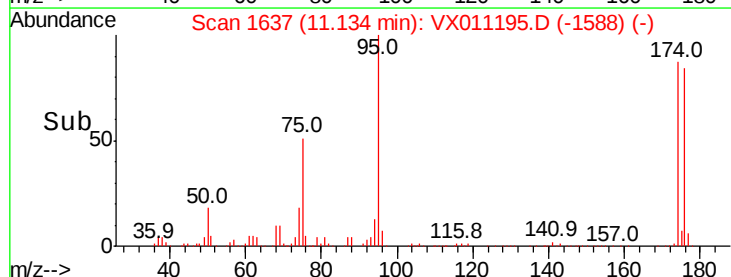
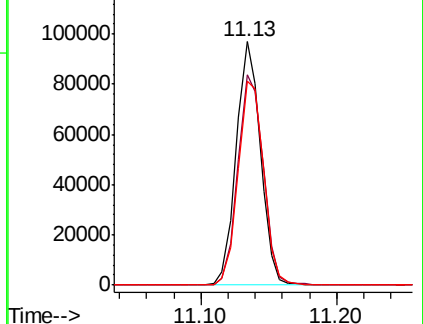
176 87.8 0.0 173.8

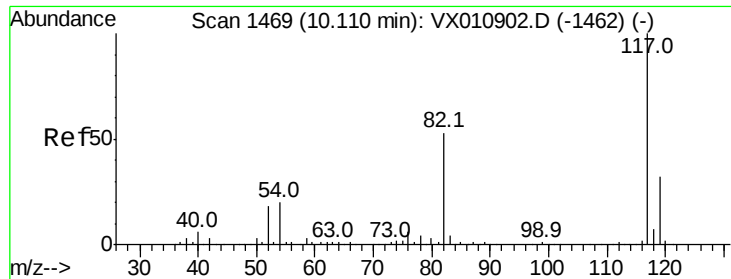


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

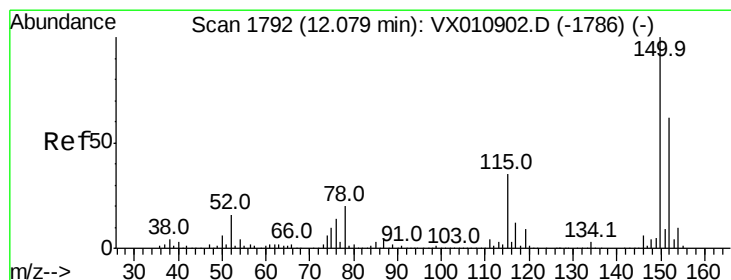
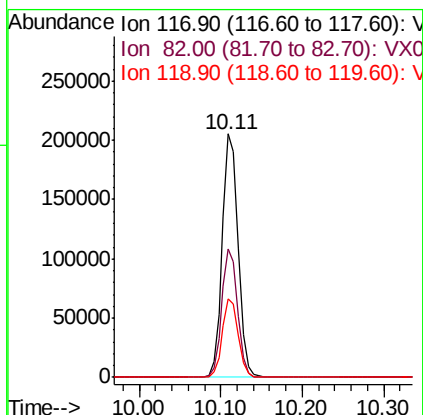
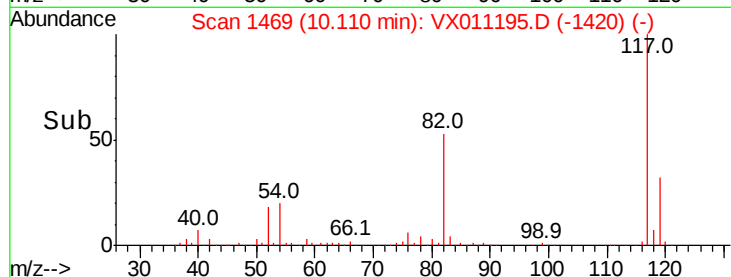
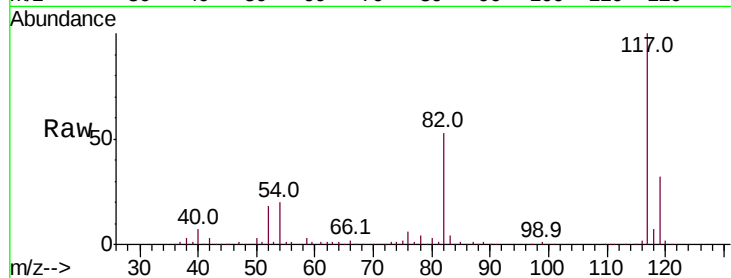




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011195.D
Acq: 30 Jul 2019 15:20

Instrument :
MSVOA_X
ClientSampled :
Z3-0684DL

Tot Ion:117 Resp: 278751
Ion Ratio Lower Upper
117 100
82 52.7 42.6 63.8
119 32.4 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: VX011195.D
Acq: 30 Jul 2019 15:20

Tgt Ion:152 Resp: 129179
Ion Ratio Lower Upper
152 100
115 54.9 39.7 119.1
150 157.2 0.0 345.6

