

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX010005.D
 Acq On : 01 Jun 2019 00:11
 Operator : JC/SP
 Sample : K3128-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0660DL

Quant Time: Jun 01 06:37:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

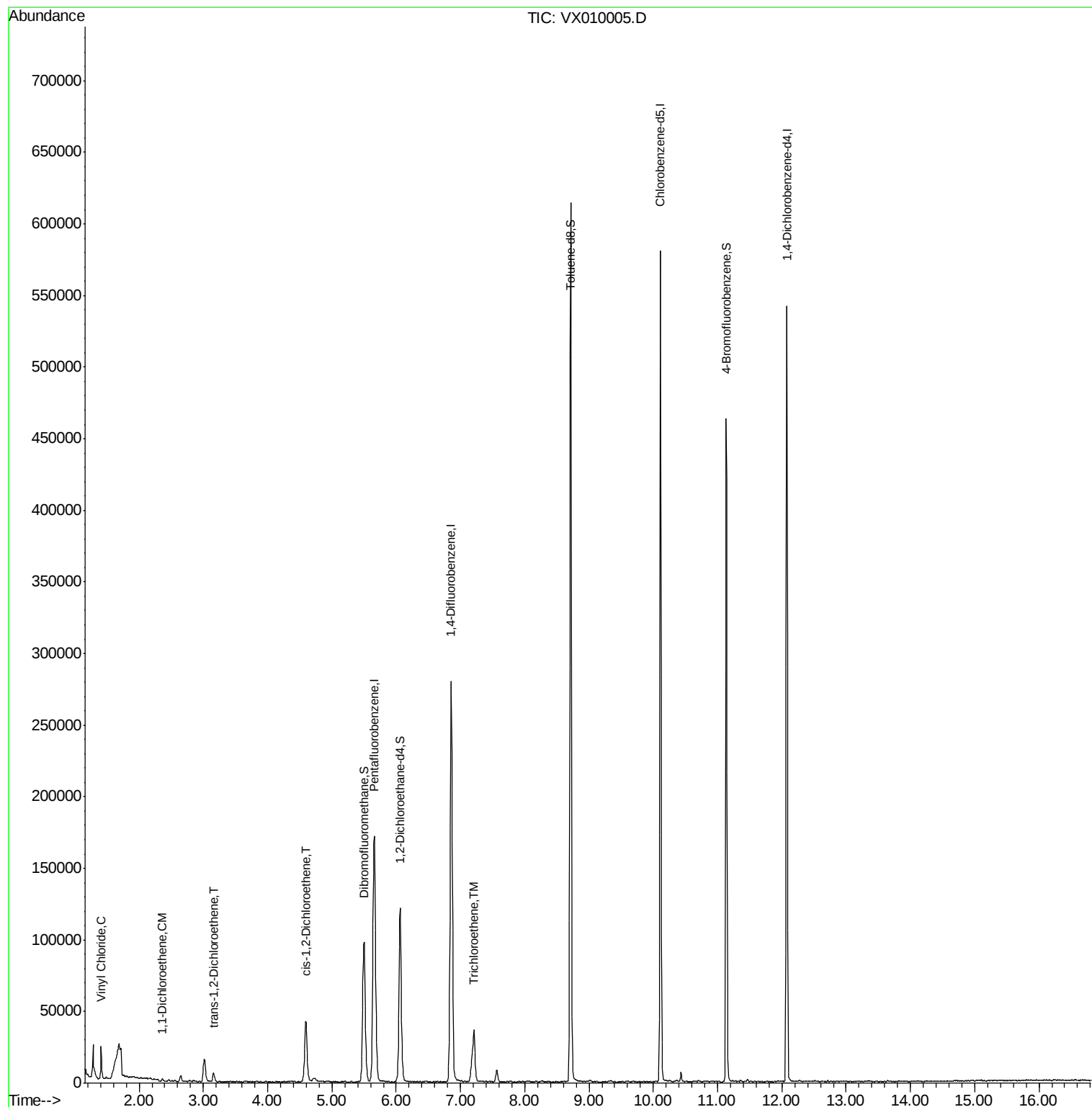
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	171682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114021	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
35) Dibromofluoromethane	5.50	113	84437	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	348964	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	120004	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
Target Compounds						
4) Vinyl Chloride	1.41	62	15148	5.958	ug/l	100
12) 1,1-Dichloroethene	2.37	96	525	0.302	ug/l #	67
21) trans-1,2-Dichloroethene	3.16	96	2531	1.308	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	25961	11.625	ug/l	88
44) Trichloroethene	7.21	130	12327	6.168	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010005.D

Acq: 01 Jun 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

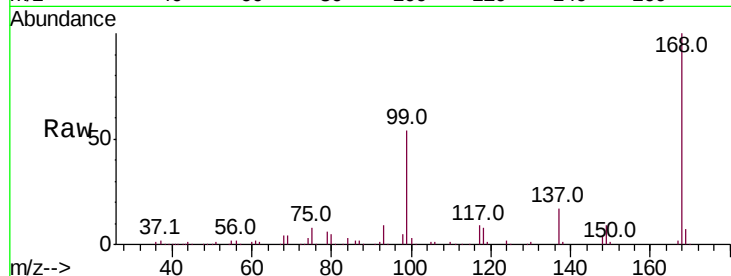
S32-0660DL

Tot Ion:168 Resp: 171682

Ion Ratio Lower Upper

168 100

99 53.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

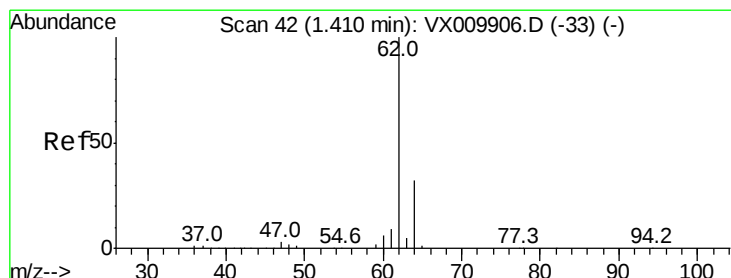
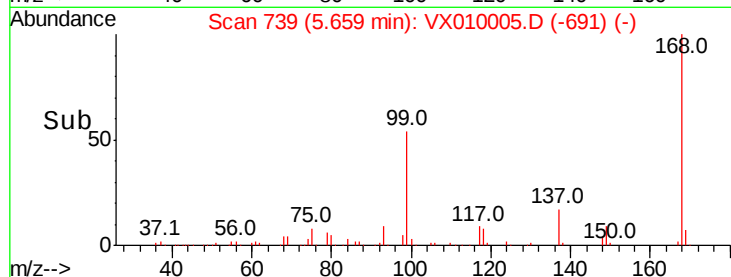
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 5.958 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010005.D

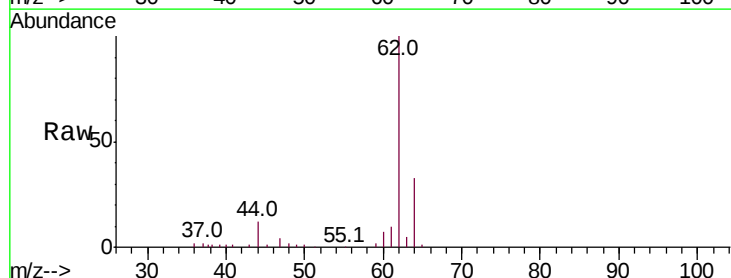
Acq: 01 Jun 2019 00:11

Tgt Ion: 62 Resp: 15148

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

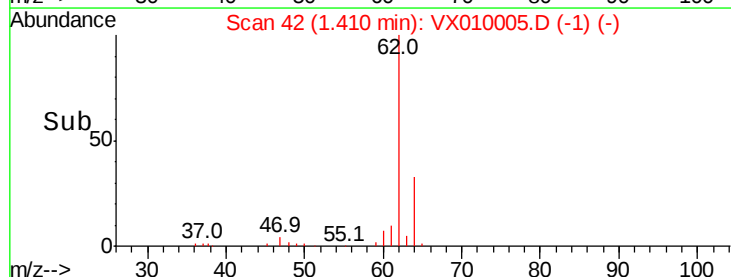
15000

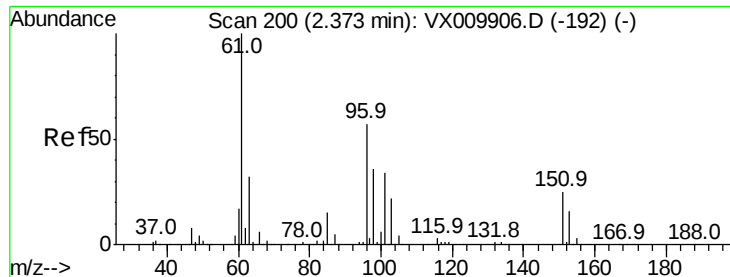
10000

5000

0

Time--> 1.35 1.40 1.45 1.50





#12

1,1-Dichloroethene

Concen: 0.302 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX010005.D

Acq: 01 Jun 2019 00:11

Instrument :

MSVOA_X

ClientSampled :

S32-0660DL

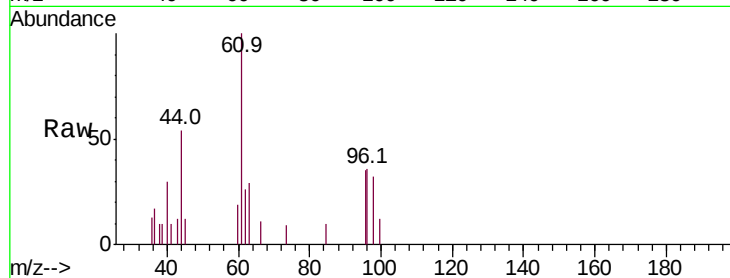
Tot Ion: 96 Resp: 525

Ion Ratio Lower Upper

96 100

61 125.2 140.7 211.1#

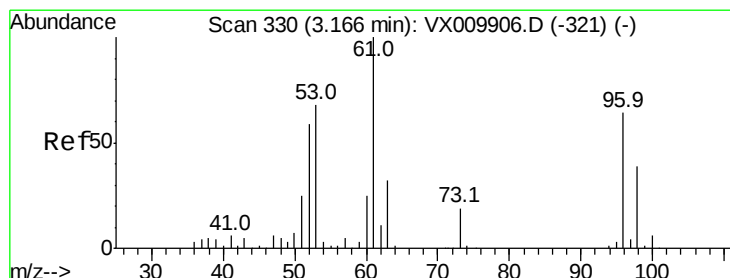
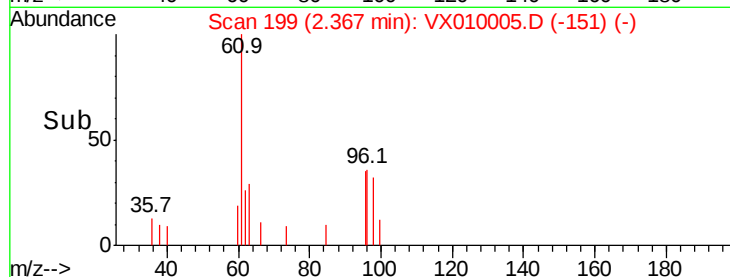
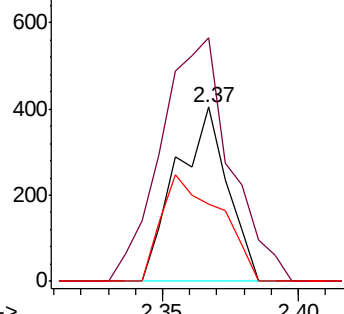
98 44.6 50.1 75.1#



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



#21

trans-1,2-Dichloroethene

Concen: 1.308 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010005.D

Acq: 01 Jun 2019 00:11

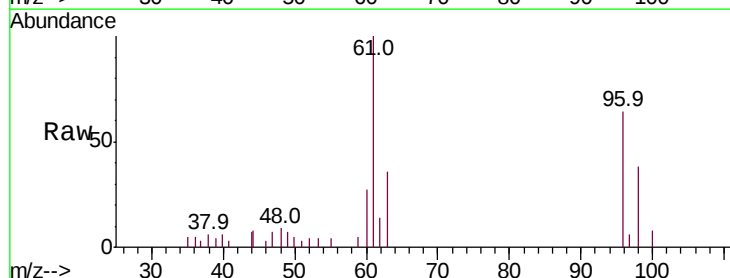
Tgt Ion: 96 Resp: 2531

Ion Ratio Lower Upper

96 100

61 155.5 125.7 188.5

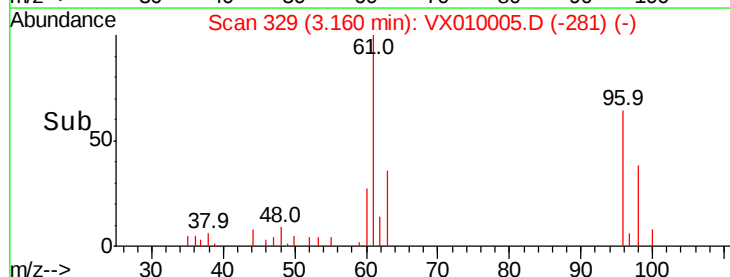
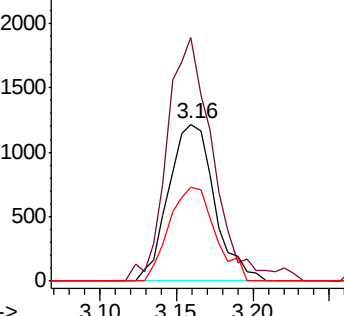
98 59.7 49.0 73.6

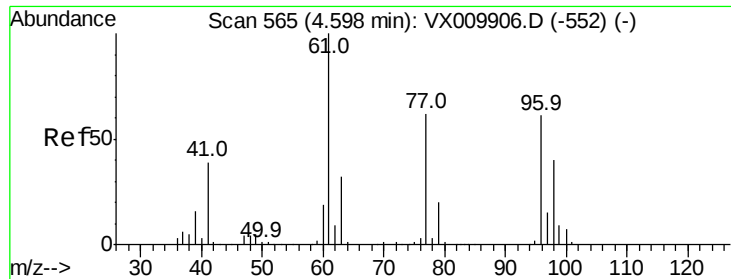


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



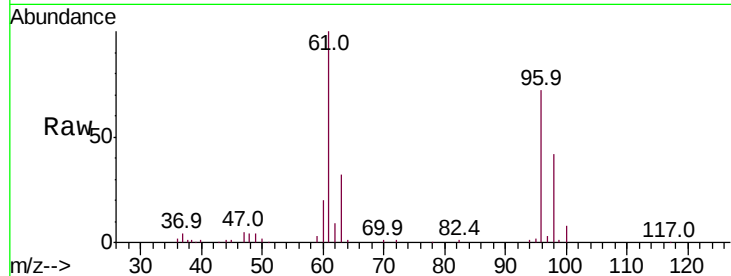


#27

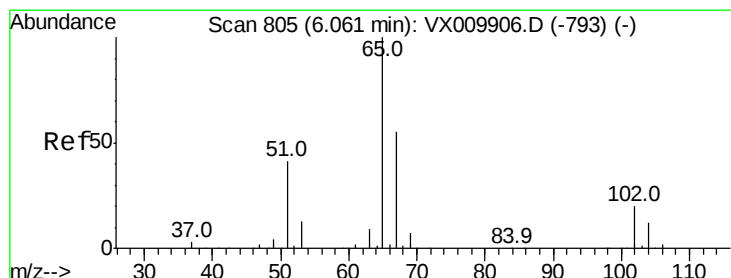
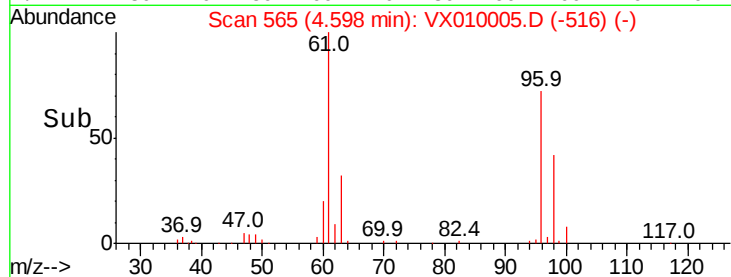
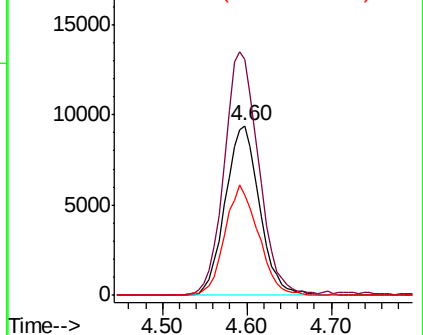
cis-1,2-Dichloroethene
 Concen: 11.625 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010005.D
 Acq: 01 Jun 2019 00:11

Instrument :
 MSVOA_X
 ClientSampleID :
 S32-0660DL

Tot Ion: 96 Resp: 25961
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 334.0
 98 63.8 0.0 131.6



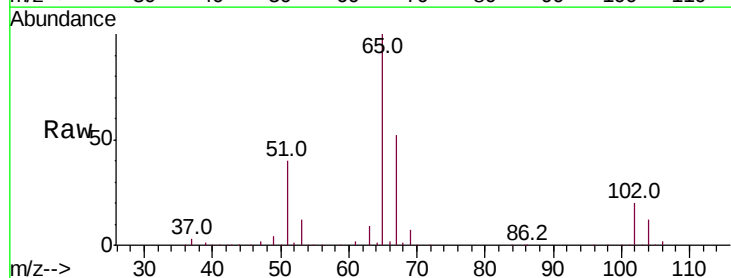
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



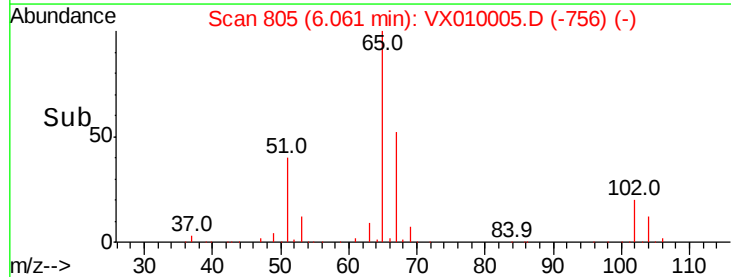
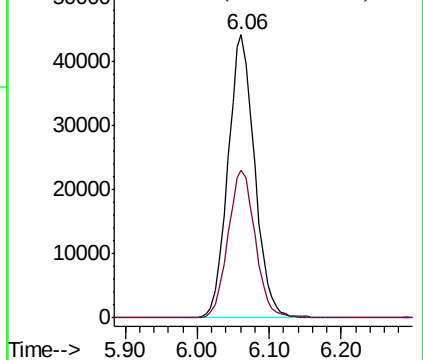
#33

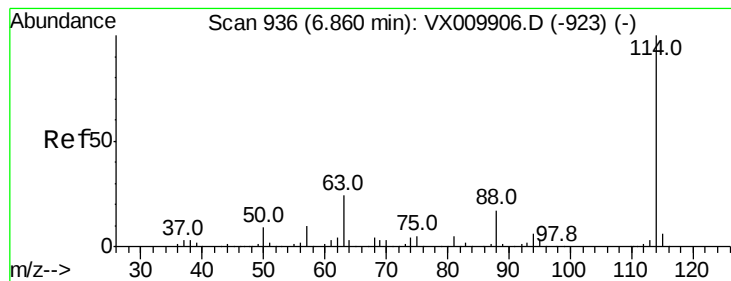
1,2-Dichloroethane-d4
 Concen: 47.016 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010005.D
 Acq: 01 Jun 2019 00:11

Tgt Ion: 65 Resp: 114021
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.4



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. -0.01 min

Lab File: VX010005.D

Acq: 01 Jun 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

S32-0660DL

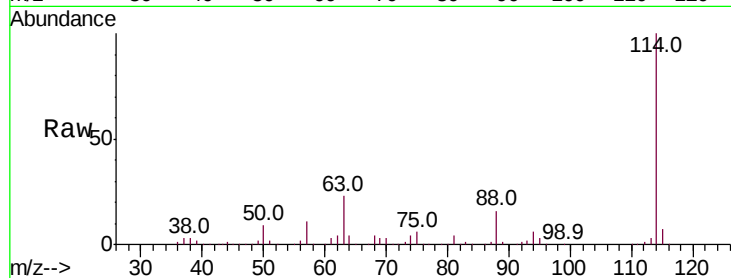
Tot Ion:114 Resp: 273375

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.4

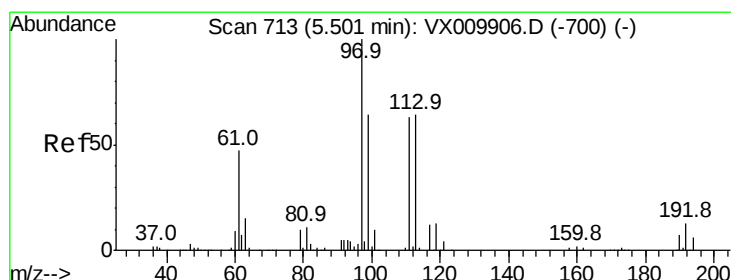
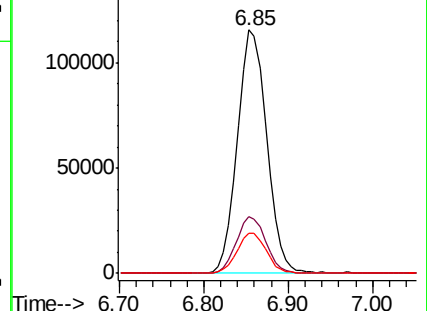
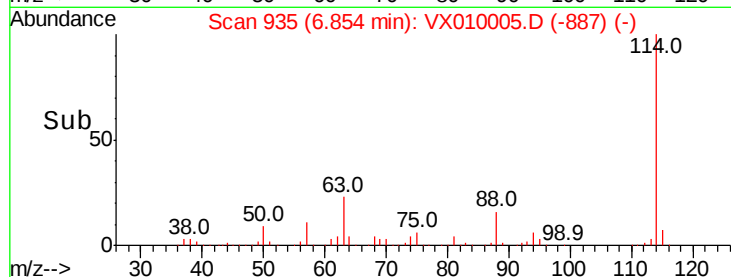
88 16.3 0.0 33.0



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: 49.128 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010005.D

Acq: 01 Jun 2019 00:11

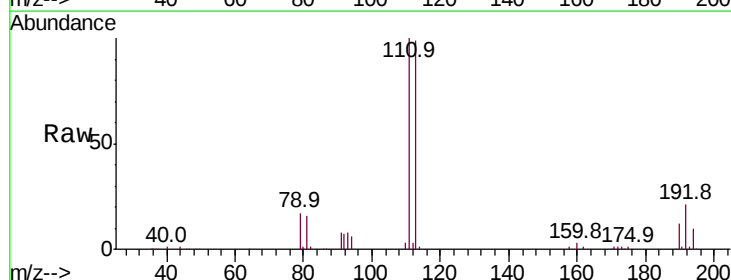
Tgt Ion:113 Resp: 84437

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

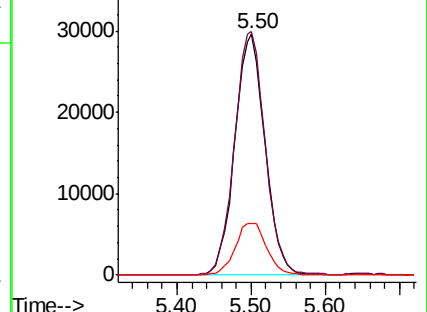
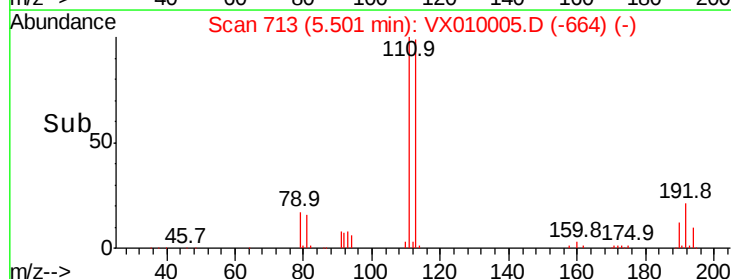
192 22.3 17.1 25.7

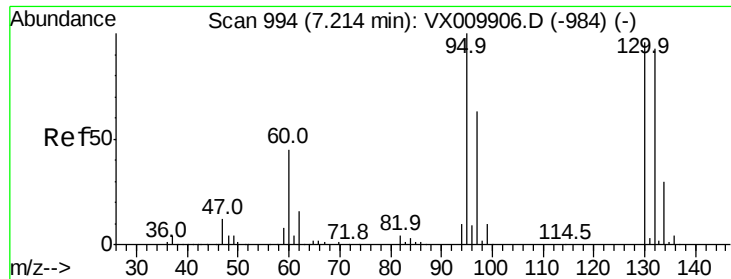


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

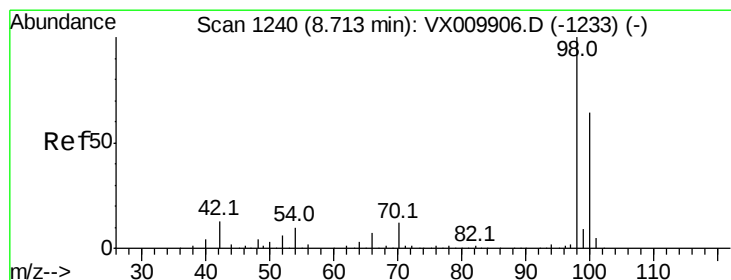
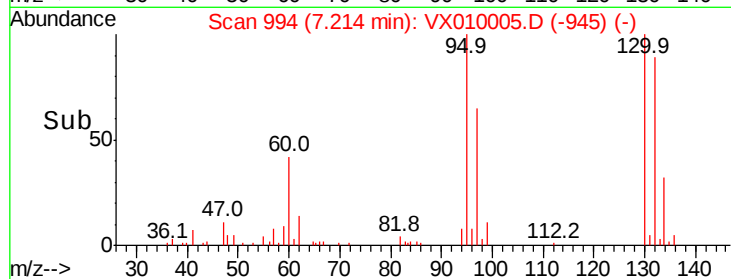
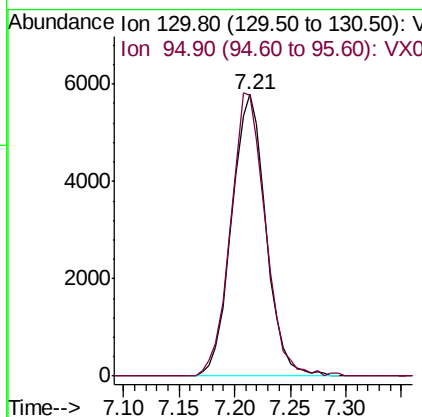
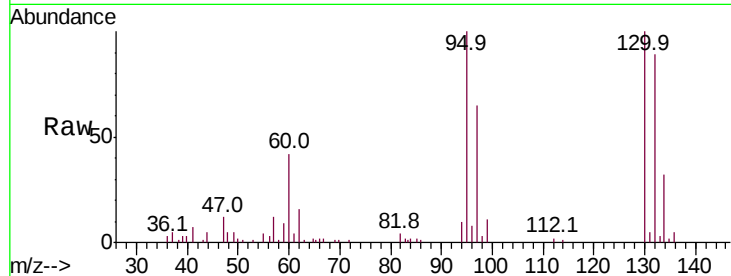




#44
 Trichloroethene
 Concen: 6.168 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010005.D
 Acq: 01 Jun 2019 00:11

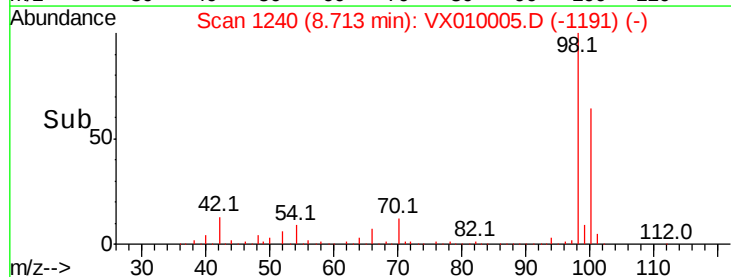
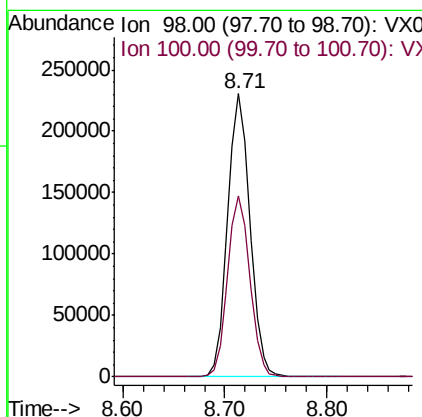
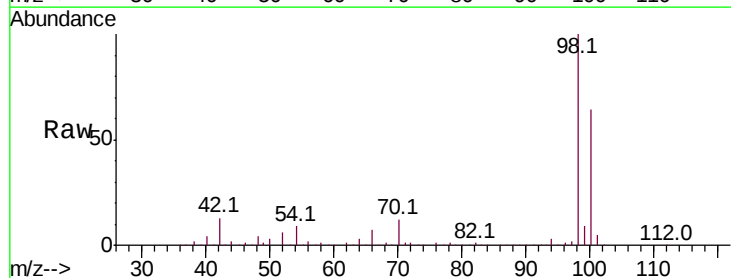
Instrument :
 MSVOA_X
 ClientSampleID :
 S32-0660DL

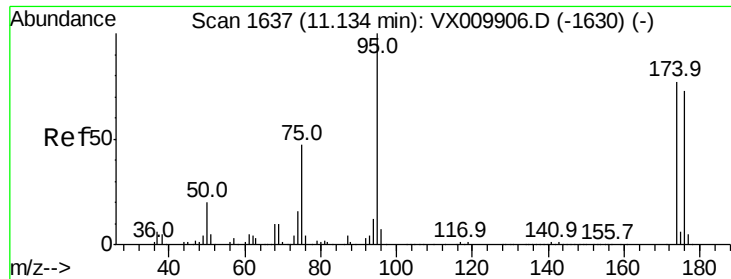
Tot Ion:130 Resp: 12327
 Ion Ratio Lower Upper
 130 100
 95 99.8 0.0 207.4



#50
 Toluene-d8
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX010005.D
 Acq: 01 Jun 2019 00:11

Tgt Ion: 98 Resp: 348964
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 47.870 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010005.D

Acq: 01 Jun 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

S32-0660DL

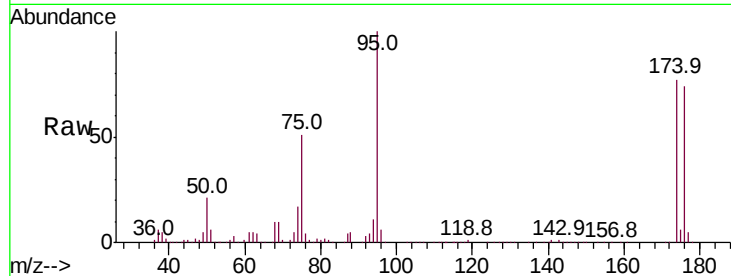
Tot Ion: 95 Resp: 120004

Ion Ratio Lower Upper

95 100

174 83.0 0.0 160.4

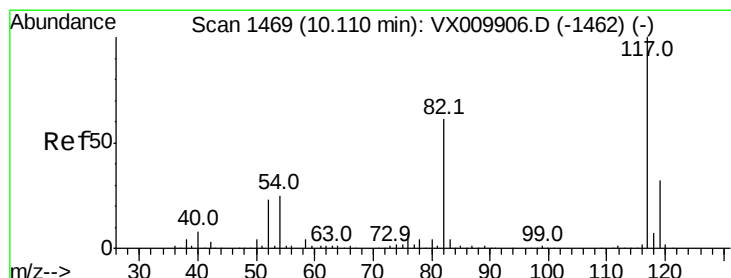
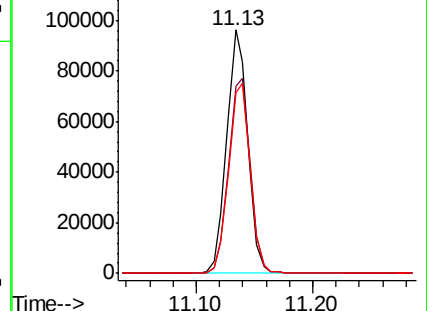
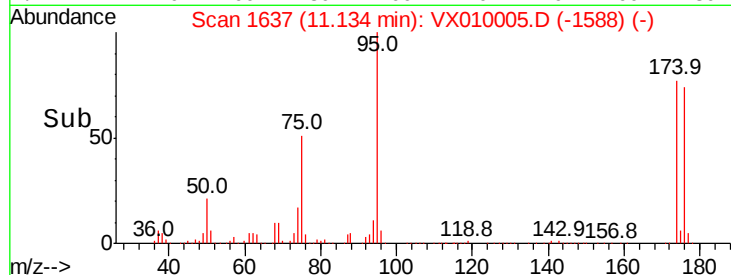
176 80.4 0.0 154.6



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: VX010005.D

Acq: 01 Jun 2019 00:11

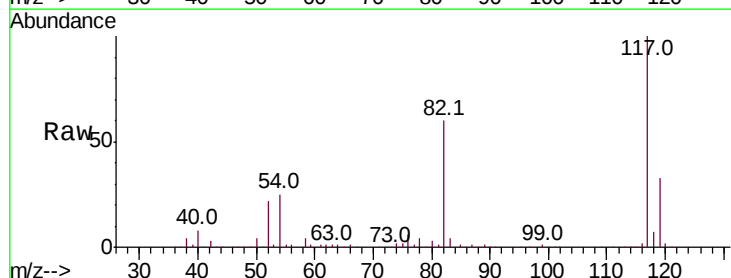
Tgt Ion: 117 Resp: 252513

Ion Ratio Lower Upper

117 100

82 59.5 49.2 73.8

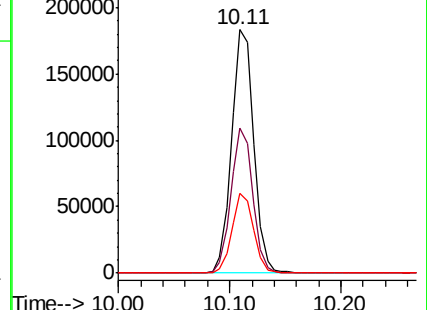
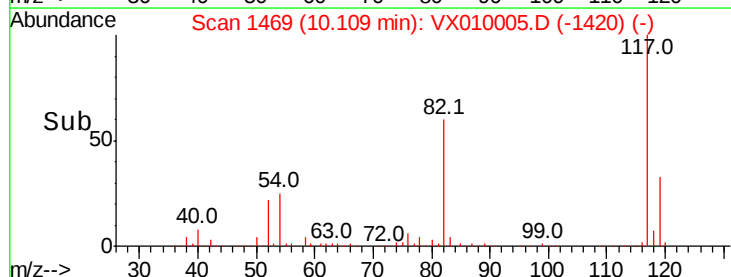
119 32.6 25.2 37.8

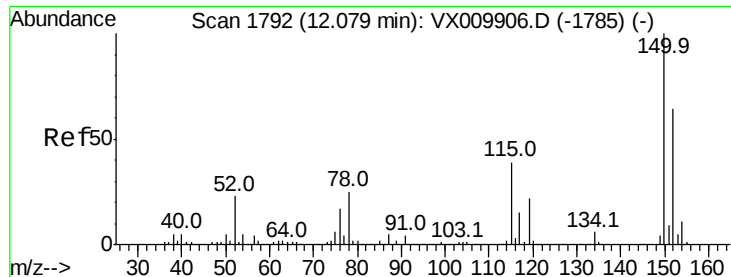


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX010005.D

Acq: 01 Jun 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

S32-0660DL

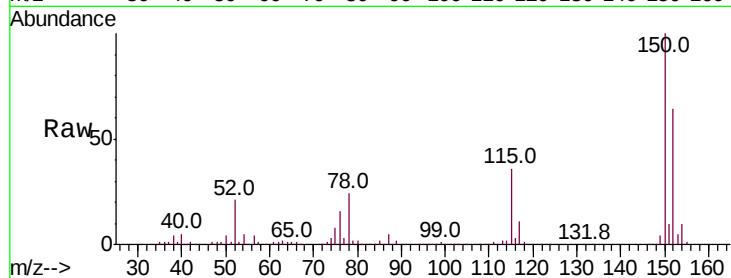
Tot Ion:152 Resp: 111733

Ion Ratio Lower Upper

152 100

115 58.3 41.4 124.2

150 158.3 0.0 345.2



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

