

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
 Data File : VX009954.D
 Acq On : 30 May 2019 12:44
 Operator : JC/SP
 Sample : K3032-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0653

Quant Time: May 31 06:07:52 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

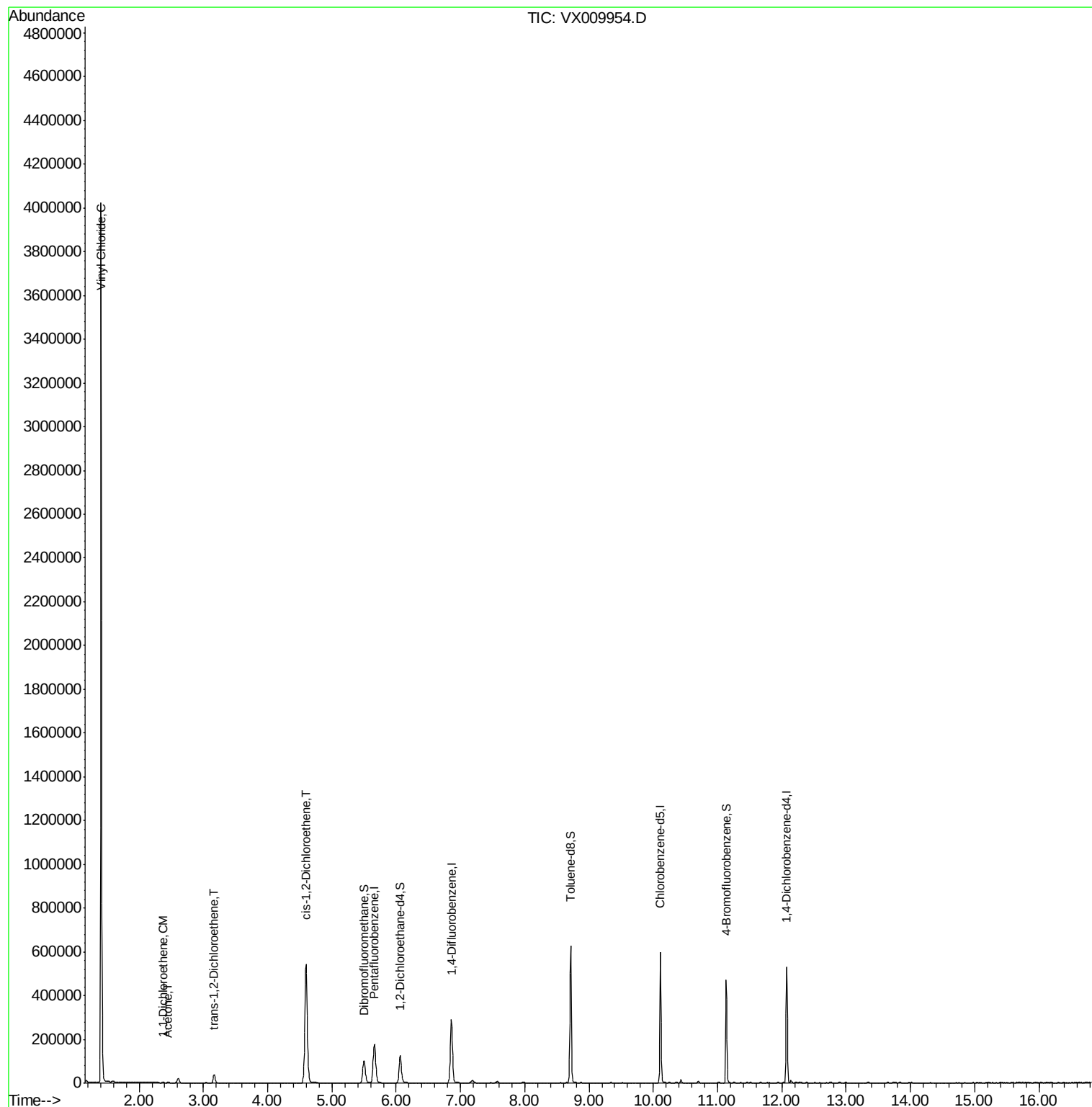
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118064	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
35) Dibromofluoromethane	5.50	113	86769	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	8.71	98	354476	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.13	95	118888	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
Target Compounds						
4) Vinyl Chloride	1.41	62	2803048	1088.716	ug/l	99
12) 1,1-Dichloroethene	2.37	96	1579	0.897	ug/l	90
16) Acetone	2.44	43	3513	2.476	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	15468	7.896	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	328462	145.249	ug/l	88

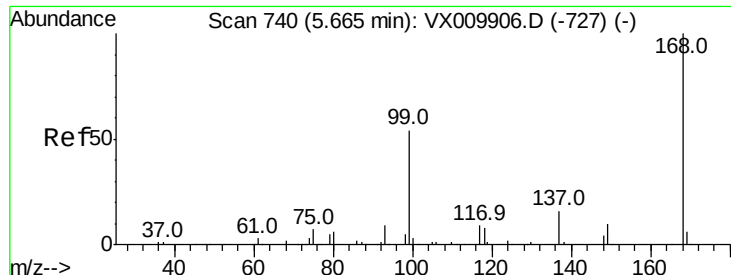
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009954.D

Acq: 30 May 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

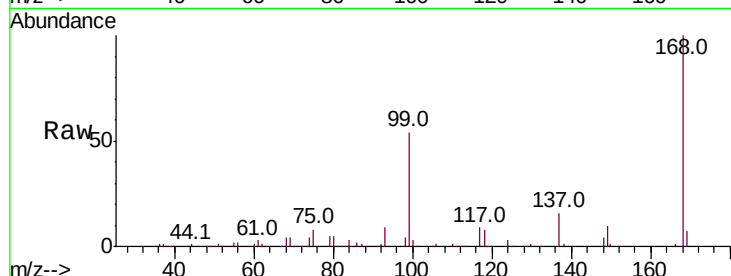
S32-0653

Tot Ion:168 Resp: 173853

Ion Ratio Lower Upper

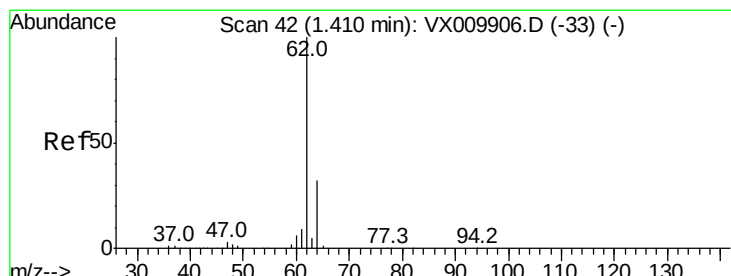
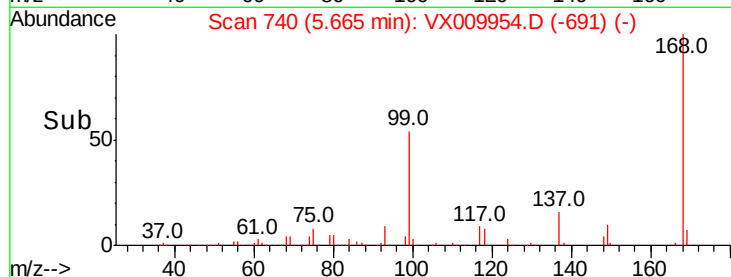
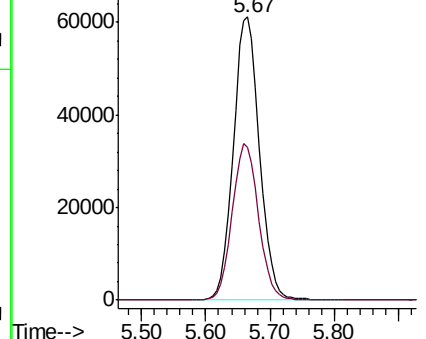
168 100

99 54.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1088.716 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009954.D

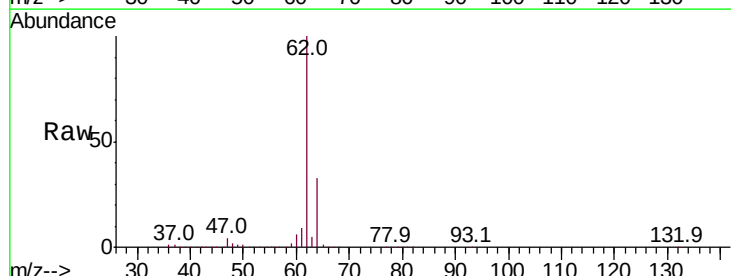
Acq: 30 May 2019 12:44

Tgt Ion: 62 Resp: 2803048

Ion Ratio Lower Upper

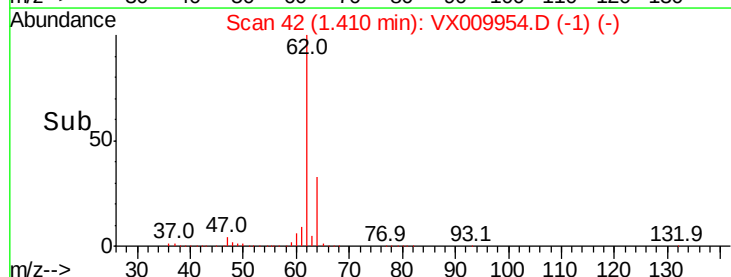
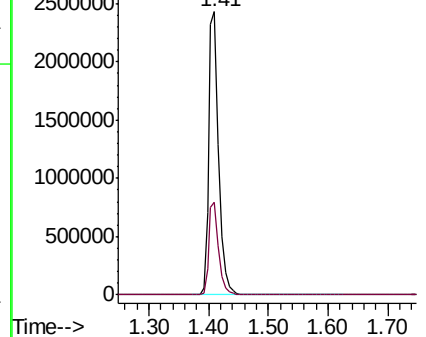
62 100

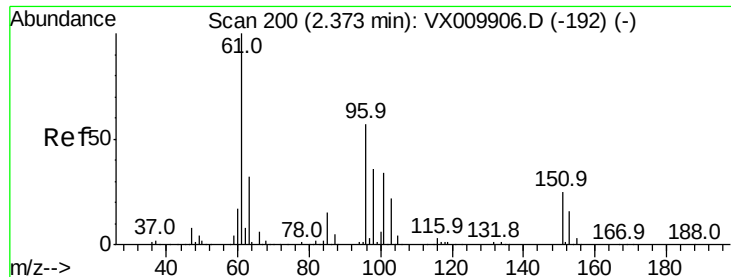
64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 0.897 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX009954.D

Acq: 30 May 2019 12:44

Instrument :

MSVOA_X

ClientSampled :

S32-0653

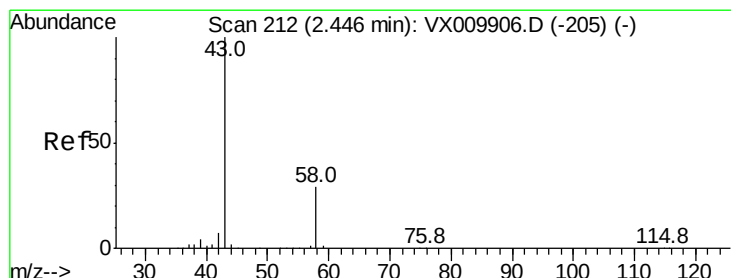
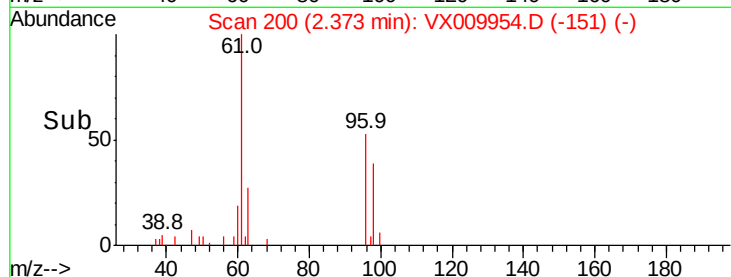
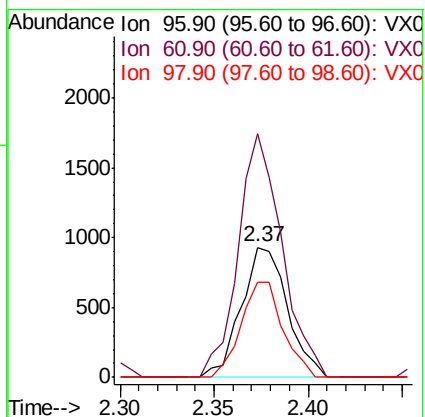
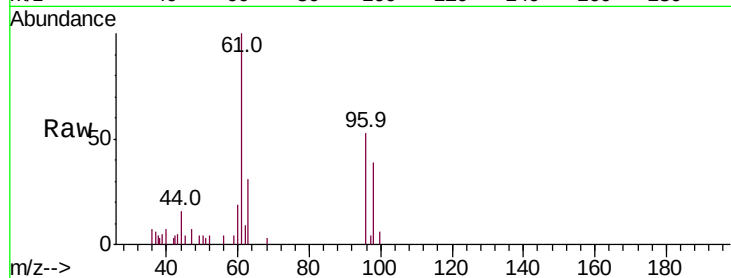
Tot Ion: 96 Resp: 1579

Ion Ratio Lower Upper

96 100

61 187.4 140.7 211.1

98 73.0 50.1 75.1



#16

Acetone

Concen: 2.476 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009954.D

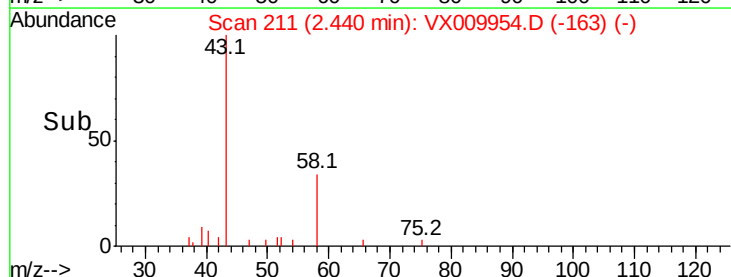
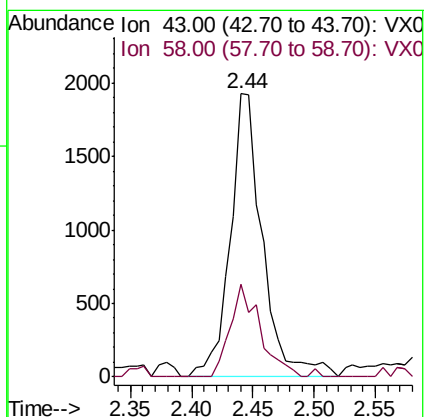
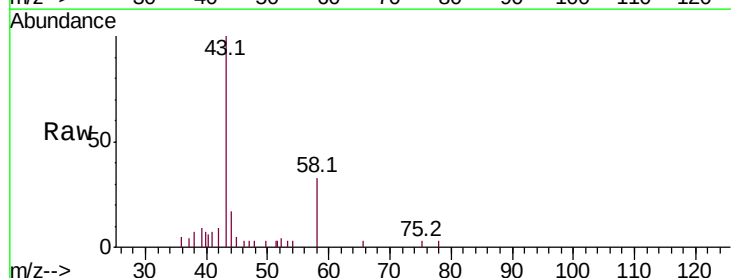
Acq: 30 May 2019 12:44

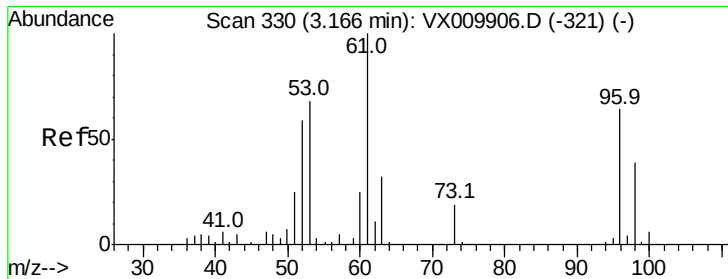
Tgt Ion: 43 Resp: 3513

Ion Ratio Lower Upper

43 100

58 32.5 23.2 34.8





#21

trans-1,2-Dichloroethene

Concen: 7.896 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX009954.D

Acq: 30 May 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

S32-0653

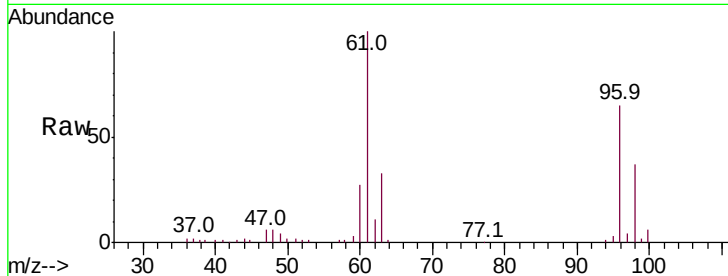
Tot Ion: 96 Resp: 15468

Ion Ratio Lower Upper

96 100

61 154.7 125.7 188.5

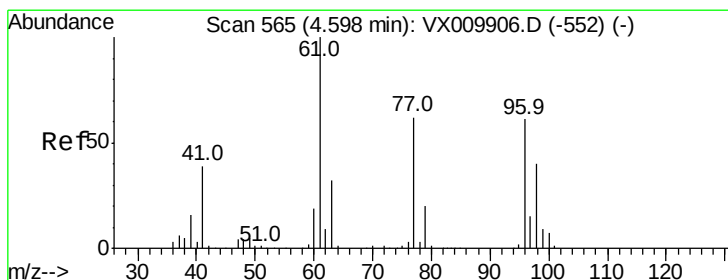
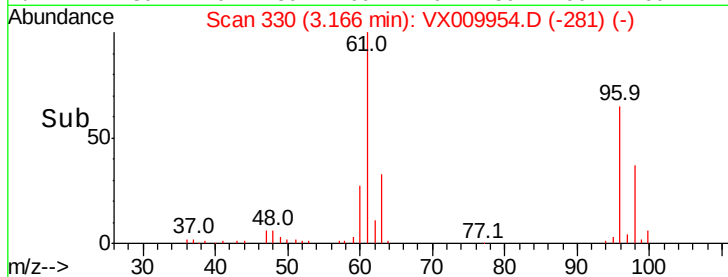
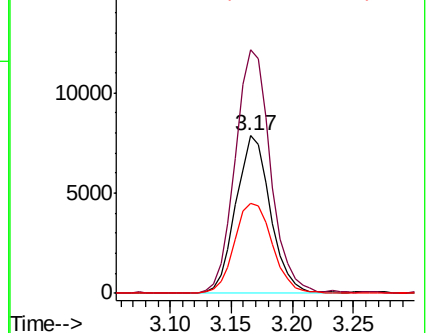
98 57.0 49.0 73.6



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: 145.249 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX009954.D

Acq: 30 May 2019 12:44

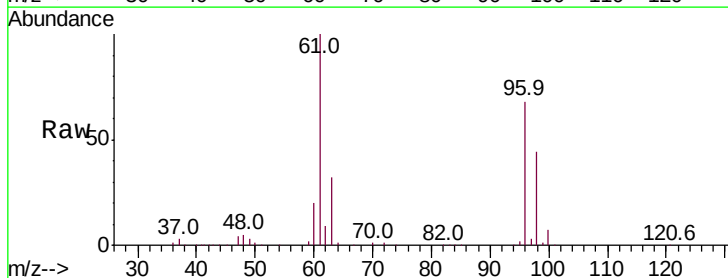
Tgt Ion: 96 Resp: 328462

Ion Ratio Lower Upper

96 100

61 145.7 0.0 334.0

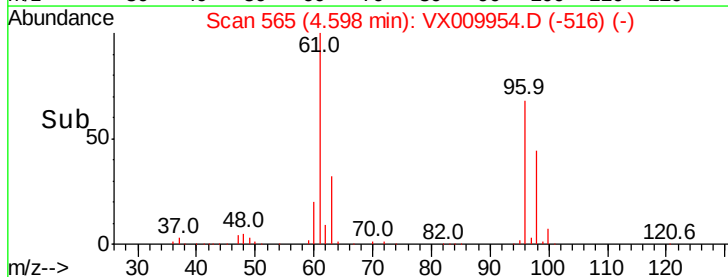
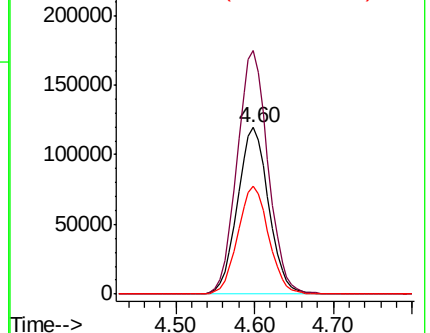
98 64.2 0.0 131.6

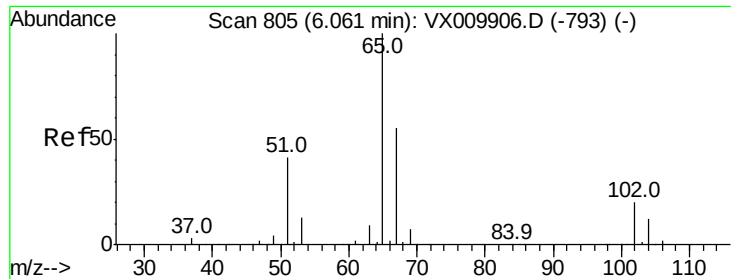


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

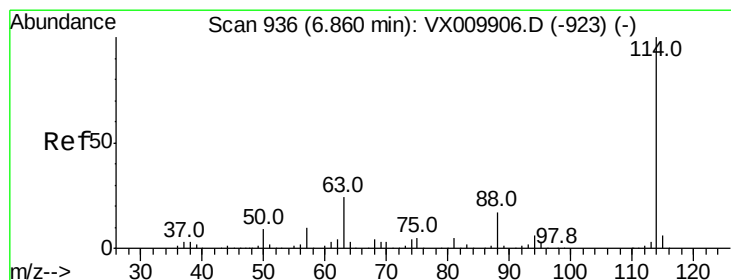
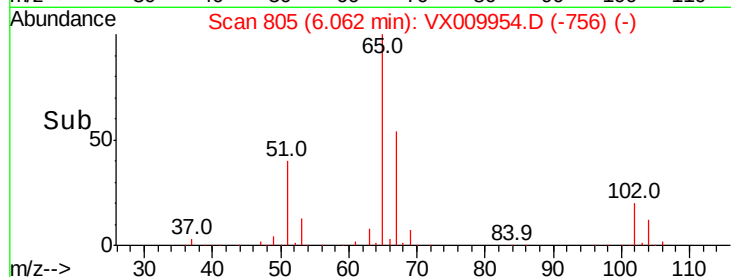
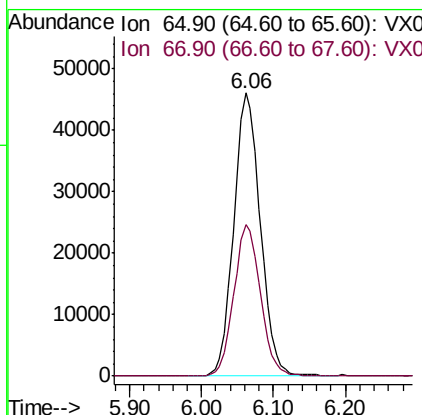
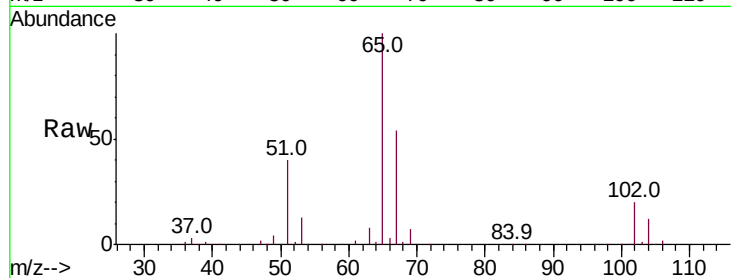




#33
 1,2-Dichloroethane-d4
 Concen: 48.075 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009954.D
 Acq: 30 May 2019 12:44

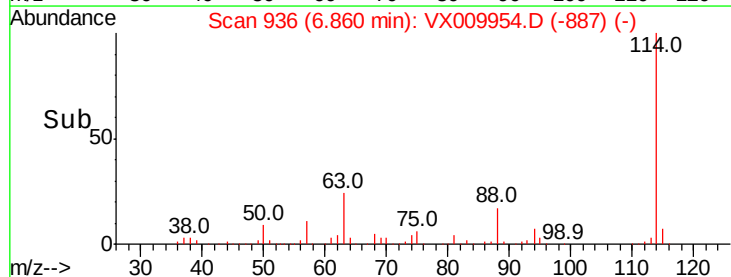
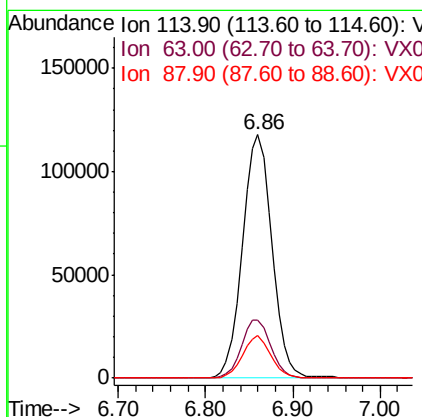
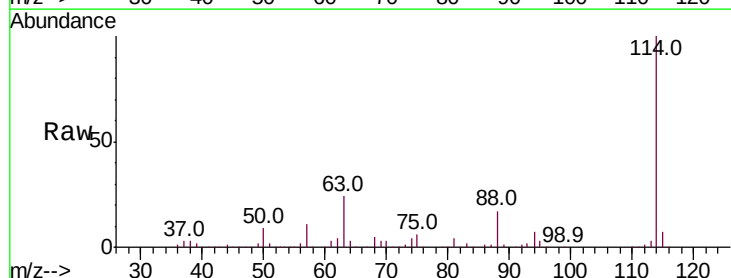
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0653

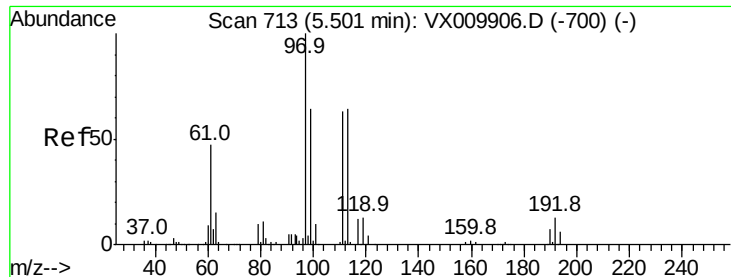
Tot Ion: 65 Resp: 118064
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009954.D
 Acq: 30 May 2019 12:44

Tgt Ion: 114 Resp: 276291
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.4
 88 17.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.952 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009954.D

Acq: 30 May 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

S32-0653

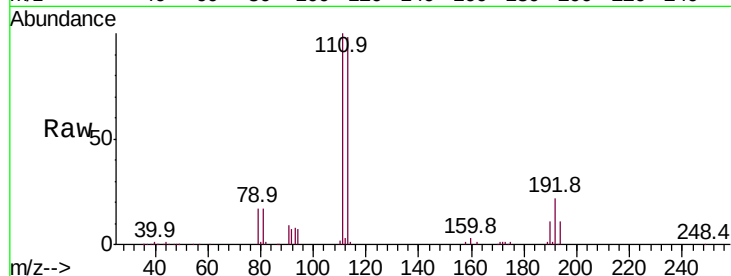
Tot Ion:113 Resp: 86769

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

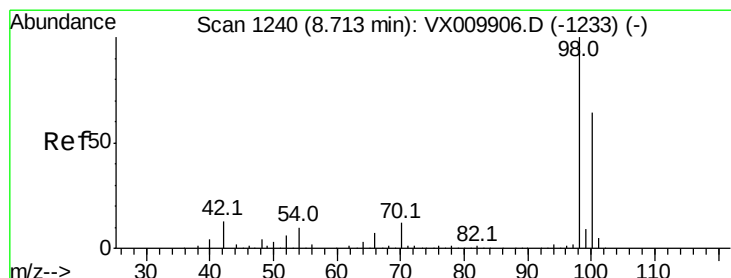
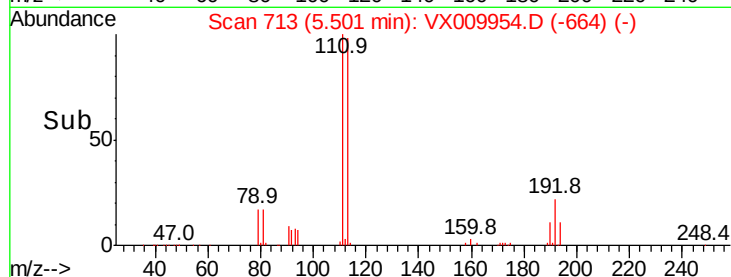
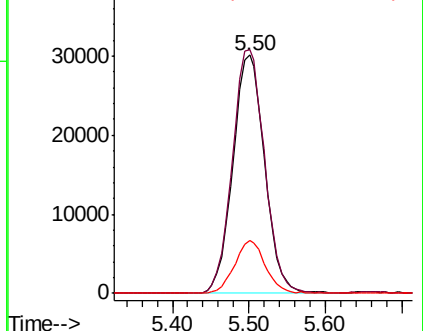
192 21.4 17.1 25.7



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



#50

Toluene-d8

Concen: 50.253 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009954.D

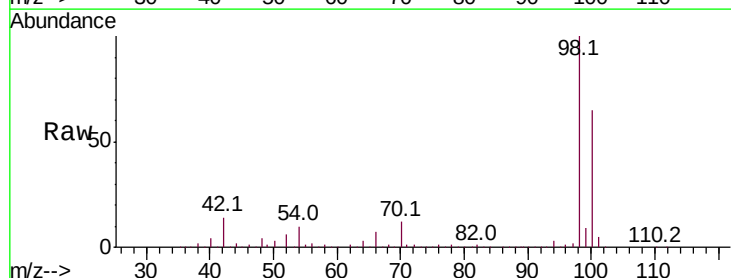
Acq: 30 May 2019 12:44

Tgt Ion: 98 Resp: 354476

Ion Ratio Lower Upper

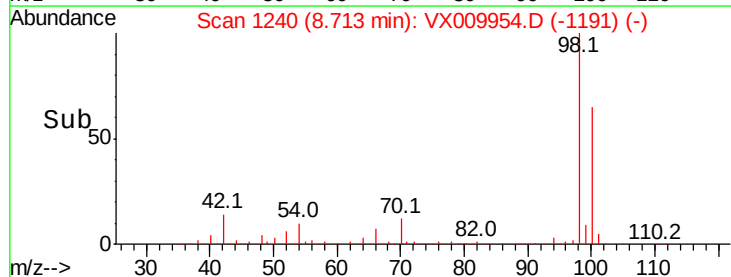
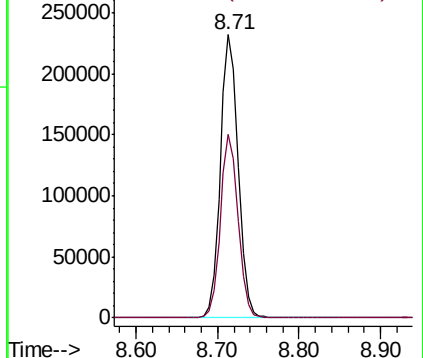
98 100

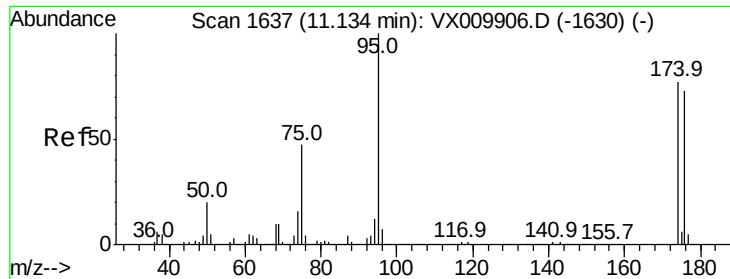
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.925 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009954.D

Acq: 30 May 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

S32-0653

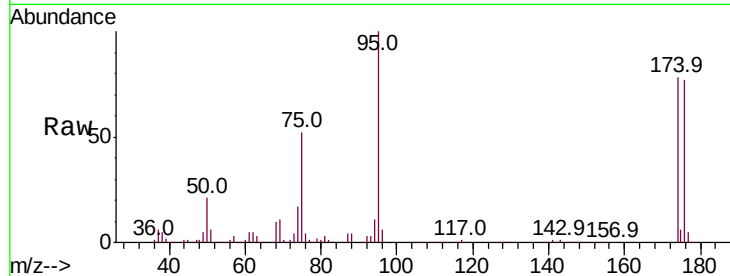
Tot Ion: 95 Resp: 118888

Ion Ratio Lower Upper

95 100

174 82.4 0.0 160.4

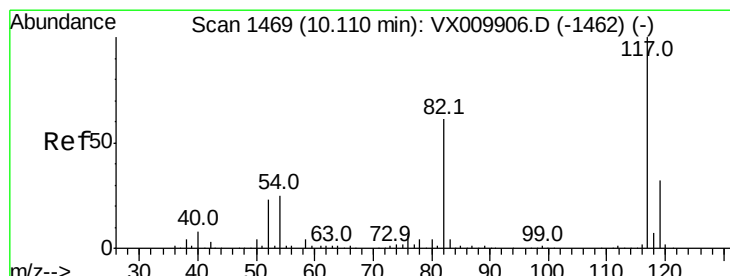
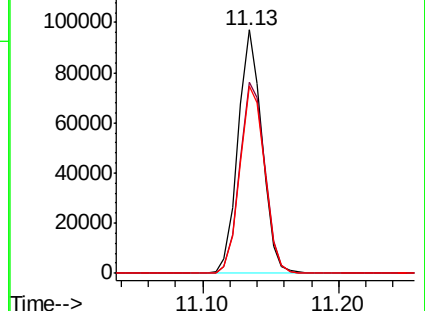
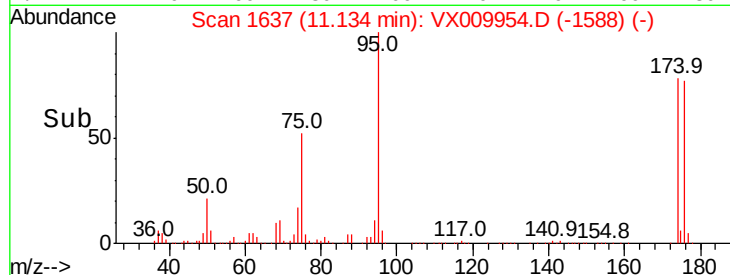
176 80.2 0.0 154.6



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: VX009954.D

Acq: 30 May 2019 12:44

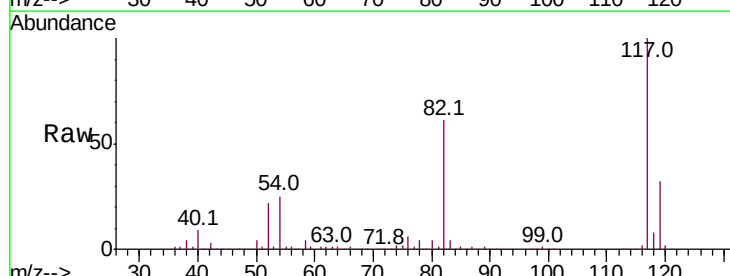
Tgt Ion: 117 Resp: 252233

Ion Ratio Lower Upper

117 100

82 60.9 49.2 73.8

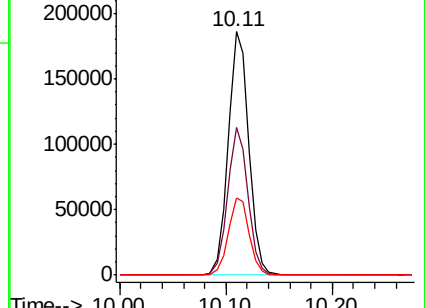
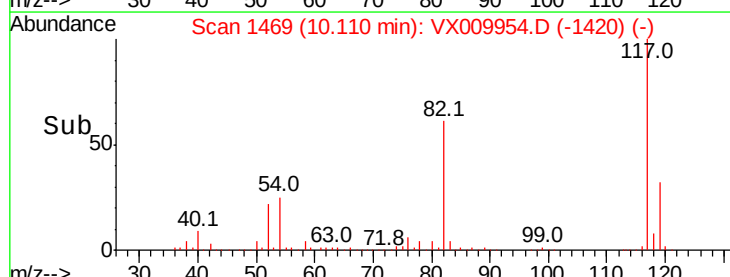
119 31.9 25.2 37.8

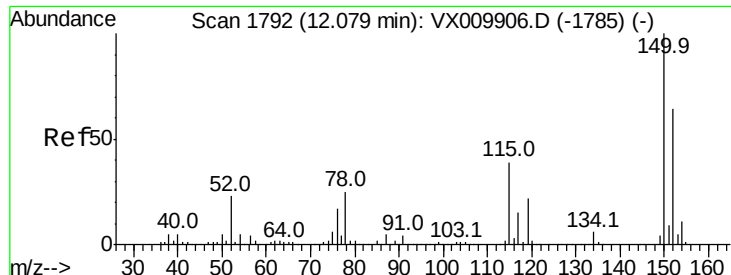


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

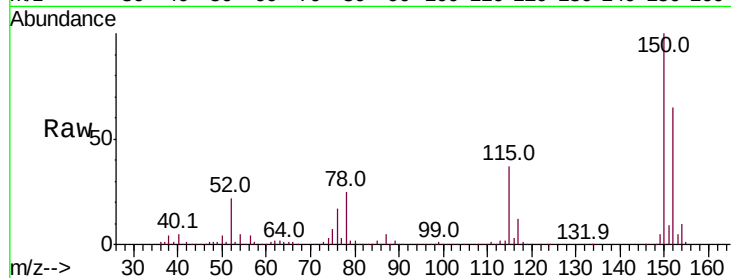




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009954.D
 Acq: 30 May 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0653

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.0	41.4	124.2
150	157.8	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

