

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009931.D
 Acq On : 29 May 2019 11:45
 Operator : JC/SP
 Sample : K3032-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0652

Quant Time: May 30 01:35:59 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

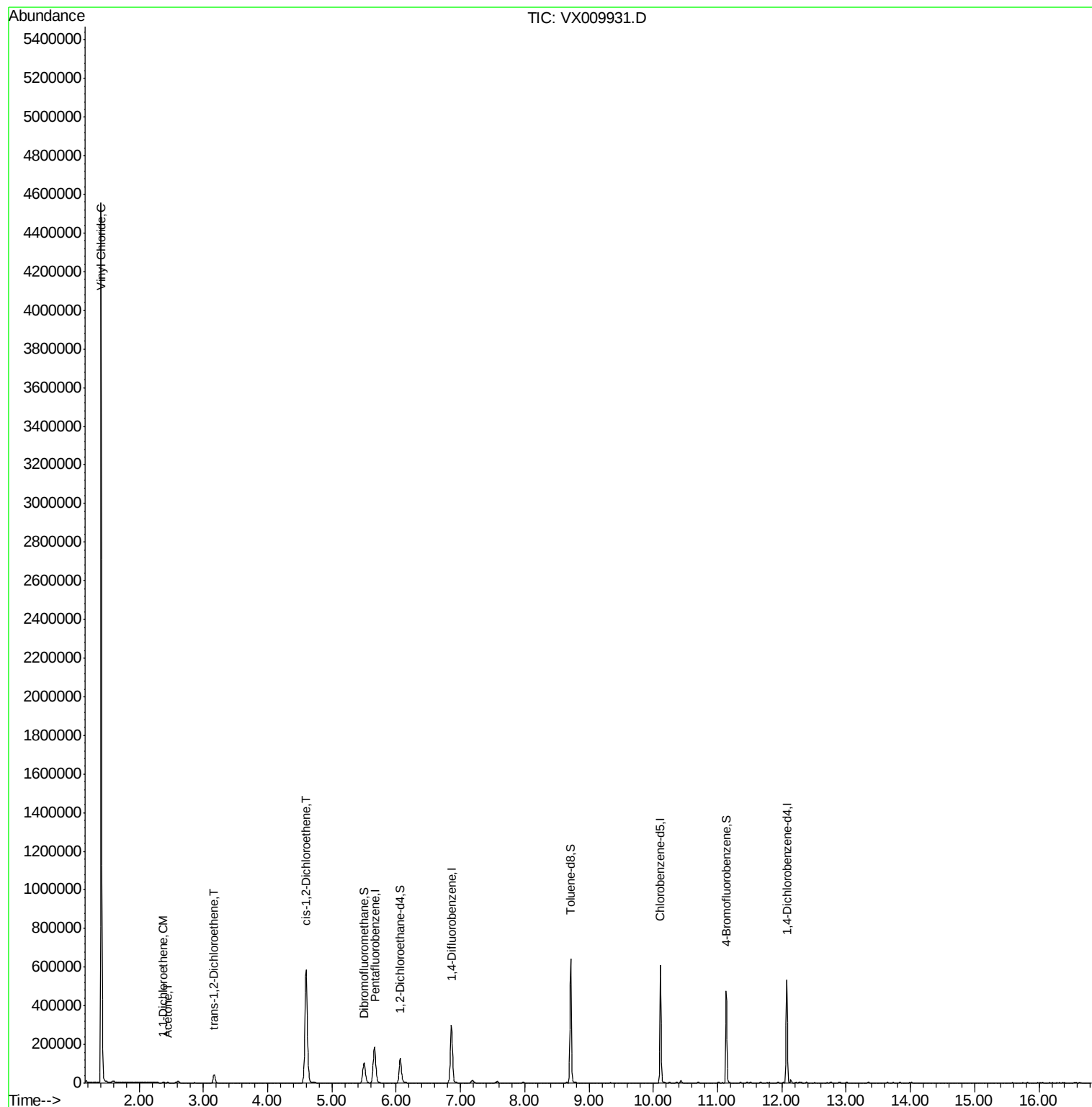
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121205	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
35) Dibromofluoromethane	5.50	113	88765	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	8.71	98	364610	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	123733	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
Target Compounds						
4) Vinyl Chloride	1.41	62	3010410	1120.289	ug/l	99
12) 1,1-Dichloroethene	2.38	96	1712	0.932	ug/l	93
16) Acetone	2.45	43	3465	2.340	ug/l #	87
21) trans-1,2-Dichloroethene	3.17	96	17782	8.697	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	358725	151.988	ug/l	87

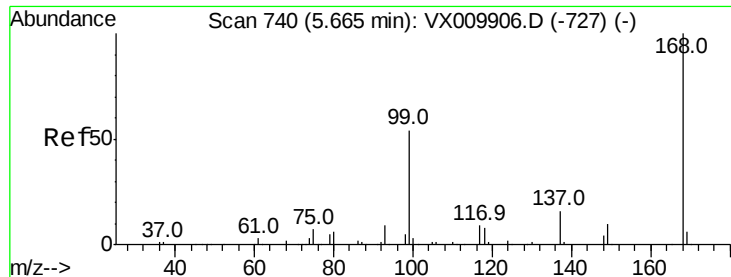
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009931.D

Acq: 29 May 2019 11:45

Instrument :

MSVOA_X

ClientSampled :

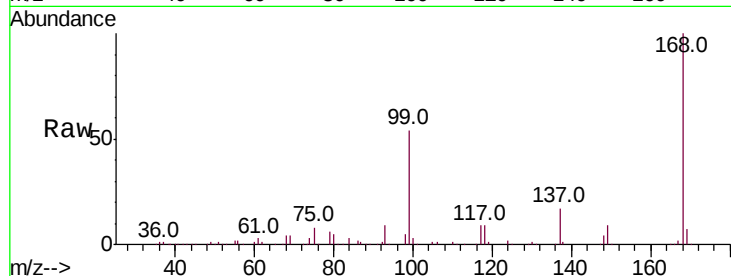
S32-0652

Tot Ion:168 Resp: 181452

Ion Ratio Lower Upper

168 100

99 54.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

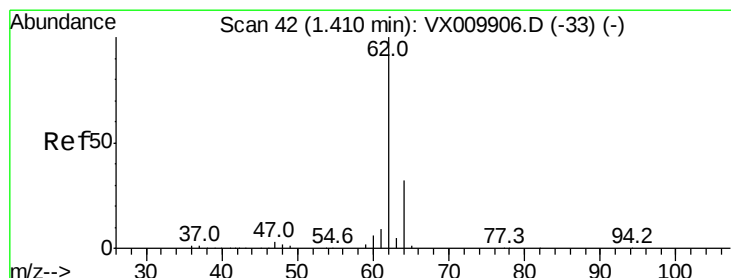
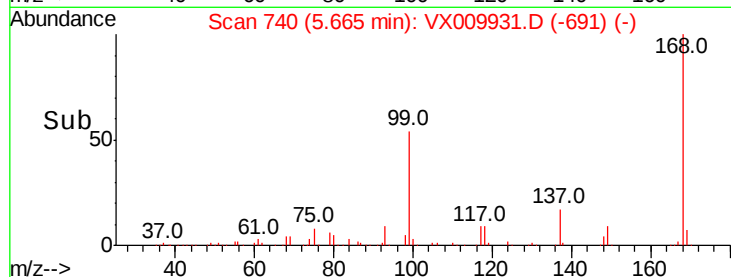
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 1120.289 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009931.D

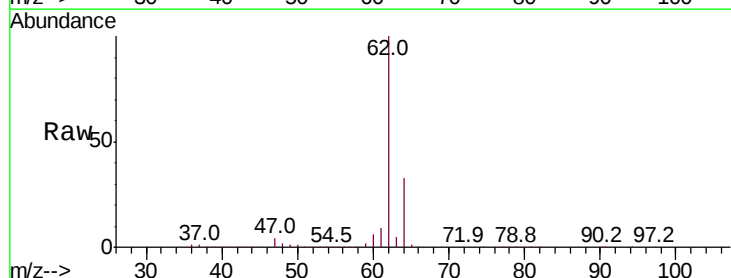
Acq: 29 May 2019 11:45

Tgt Ion: 62 Resp: 3010410

Ion Ratio Lower Upper

62 100

64 32.6 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

3000000

2500000

2000000

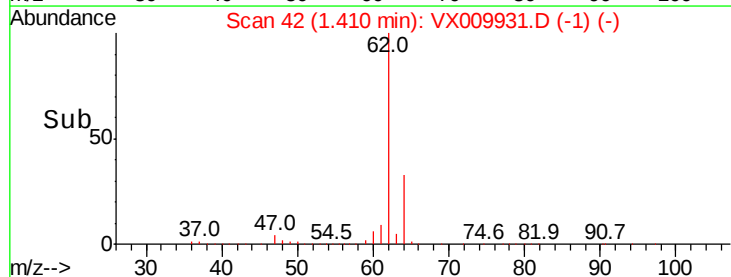
1500000

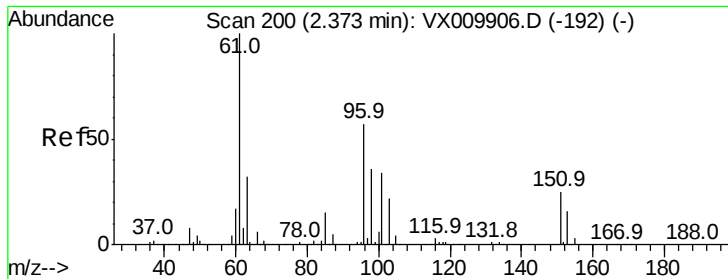
1000000

500000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.932 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX009931.D

Acq: 29 May 2019 11:45

Instrument :

MSVOA_X

ClientSampled :

S32-0652

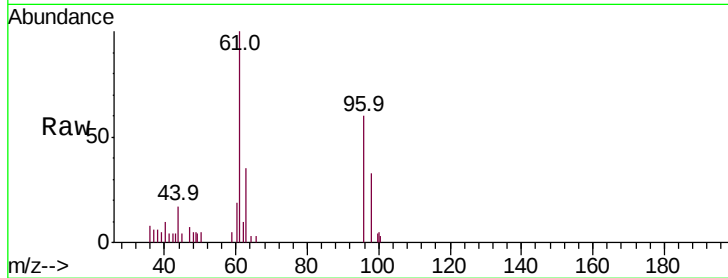
Tot Ion: 96 Resp: 1712

Ion Ratio Lower Upper

96 100

61 166.6 140.7 211.1

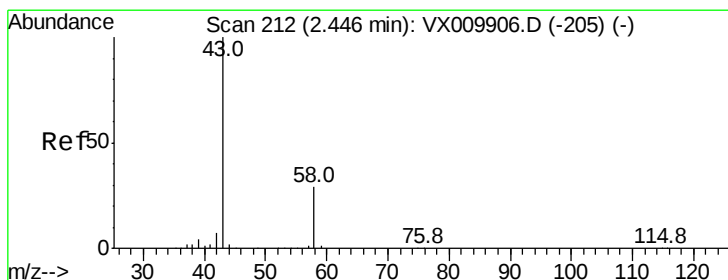
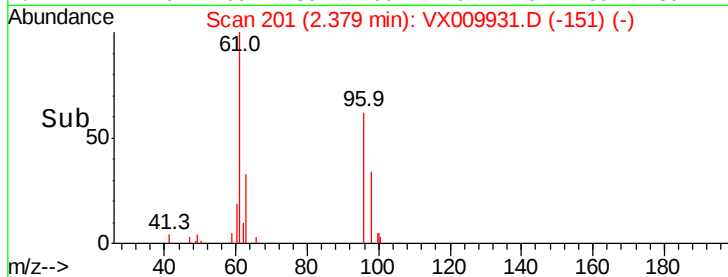
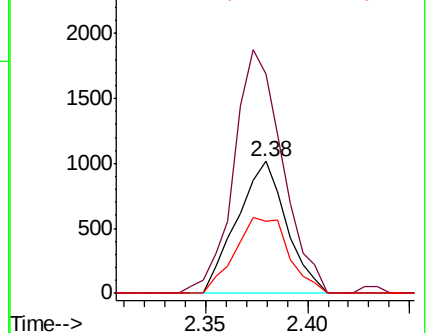
98 55.0 50.1 75.1



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



#16

Acetone

Concen: 2.340 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009931.D

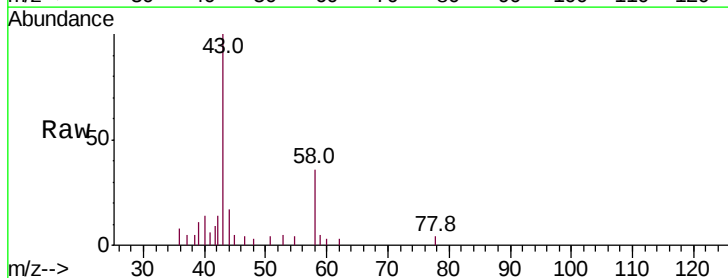
Acq: 29 May 2019 11:45

Tgt Ion: 43 Resp: 3465

Ion Ratio Lower Upper

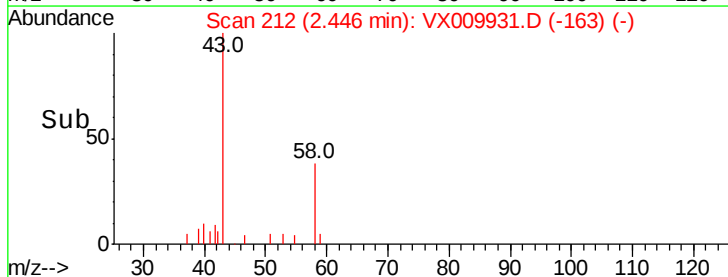
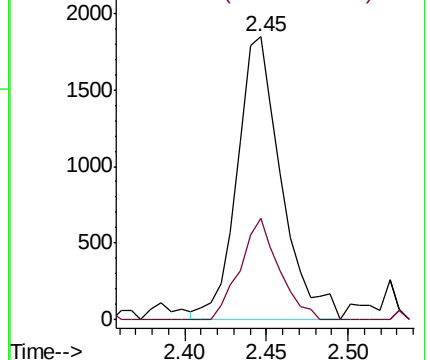
43 100

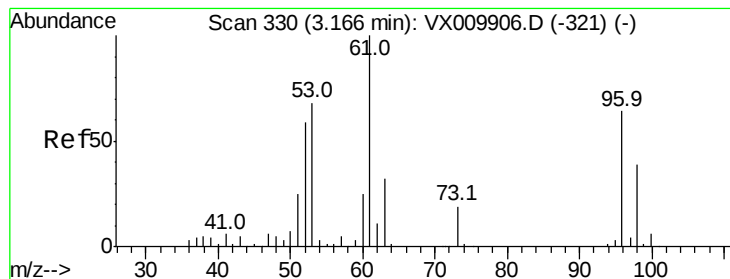
58 35.8 23.2 34.8#



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: 8.697 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009931.D

Acq: 29 May 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

S32-0652

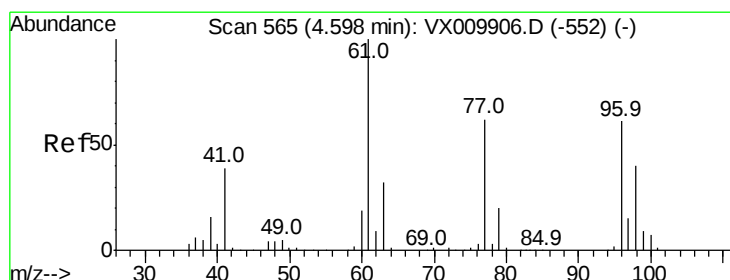
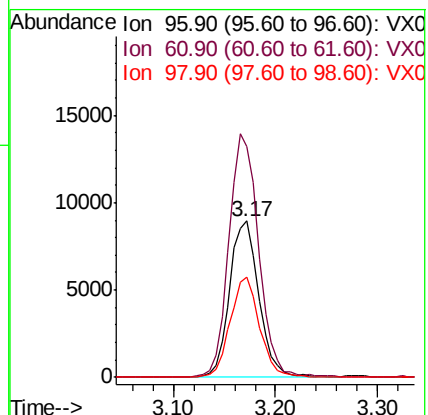
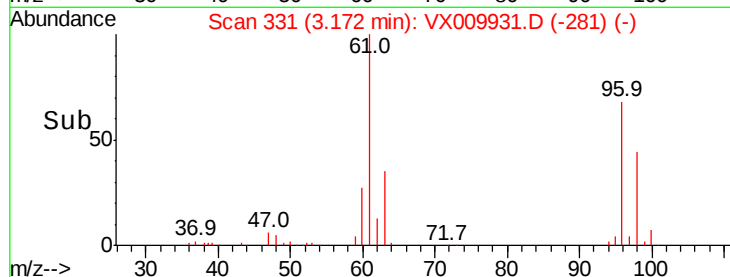
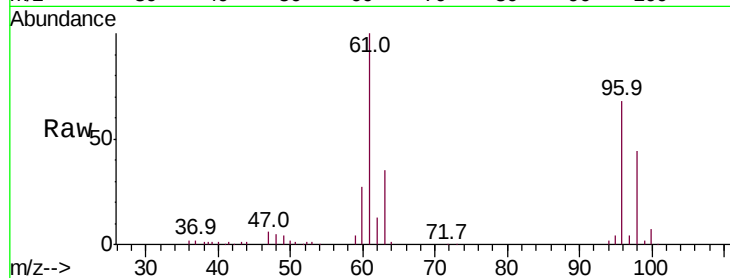
Tot Ion: 96 Resp: 17782

Ion Ratio Lower Upper

96 100

61 147.7 125.7 188.5

98 64.4 49.0 73.6



#27

cis-1,2-Dichloroethene

Concen: 151.988 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX009931.D

Acq: 29 May 2019 11:45

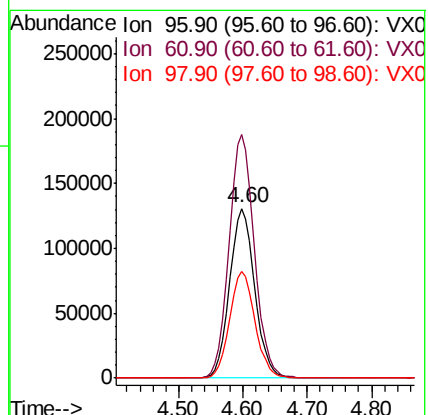
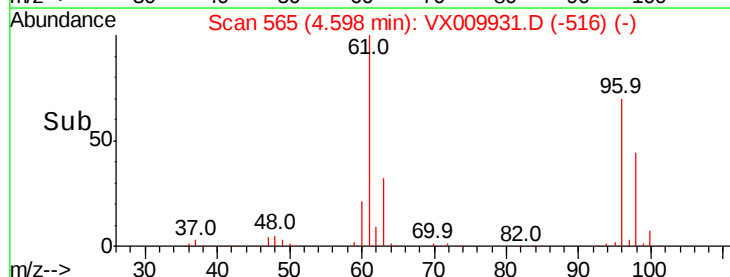
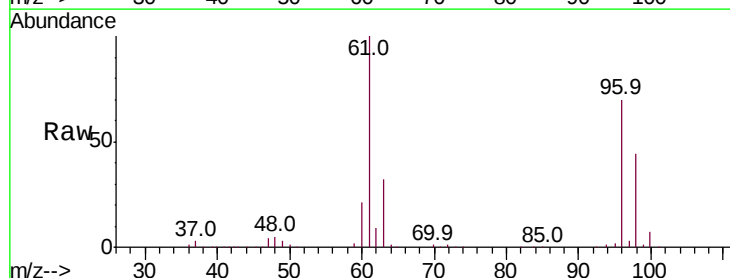
Tgt Ion: 96 Resp: 358725

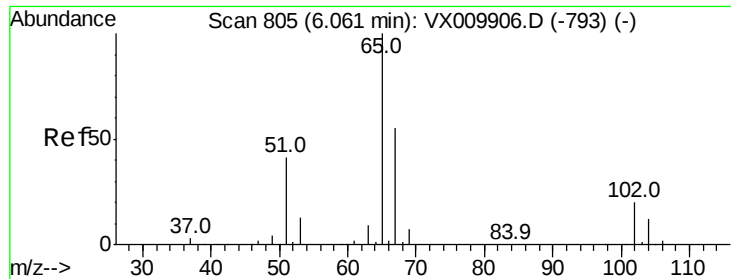
Ion Ratio Lower Upper

96 100

61 144.7 0.0 334.0

98 63.5 0.0 131.6





#33

1,2-Dichloroethane-d4

Concen: 47.287 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009931.D

Acq: 29 May 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

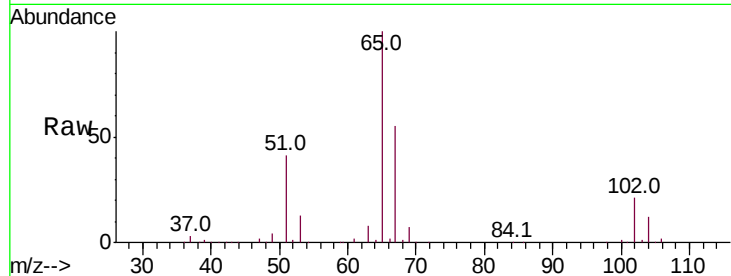
S32-0652

Tot Ion: 65 Resp: 121205

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

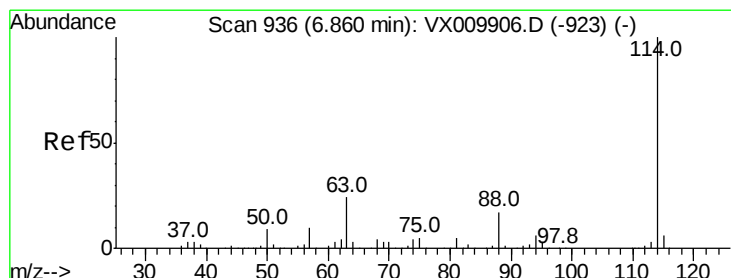
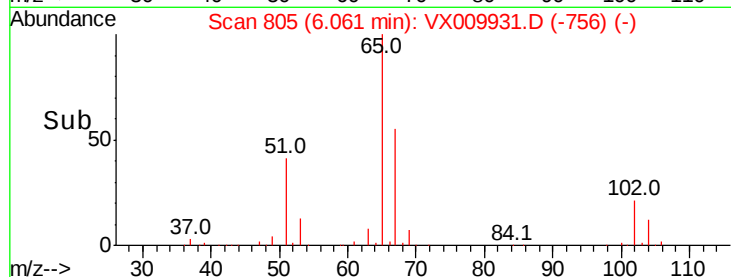
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009931.D

Acq: 29 May 2019 11:45

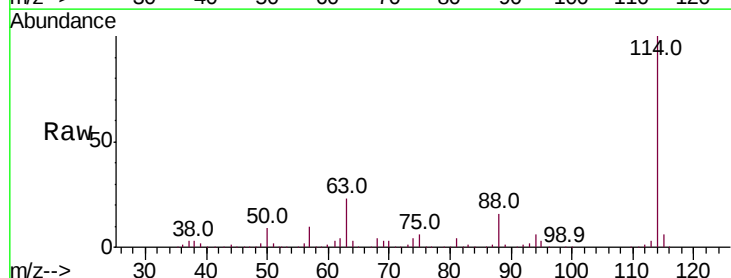
Tgt Ion:114 Resp: 288902

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.4

88 16.4 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

6.86

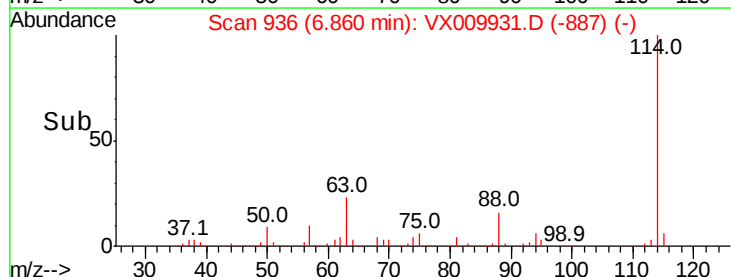
150000

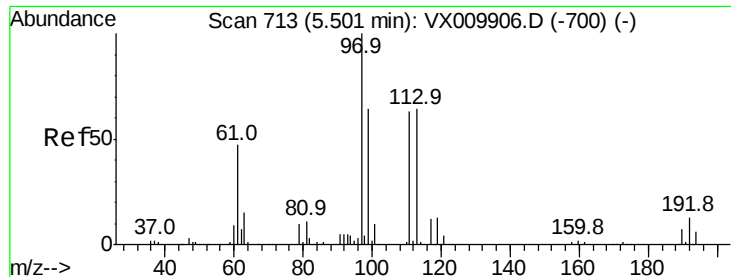
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

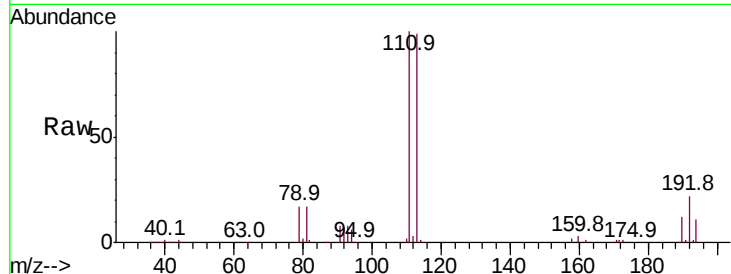




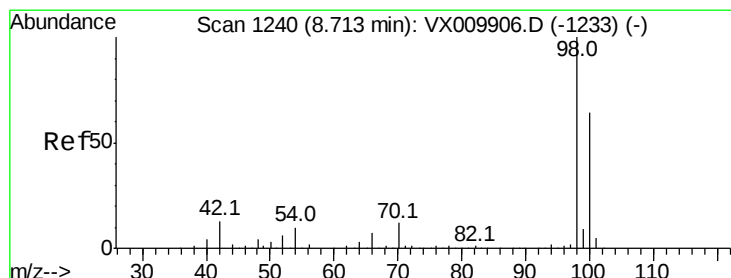
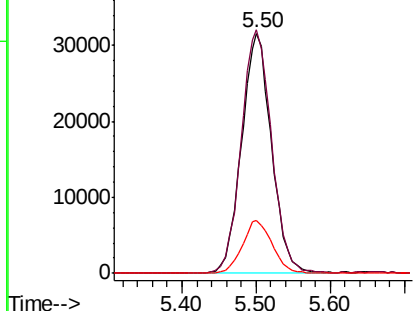
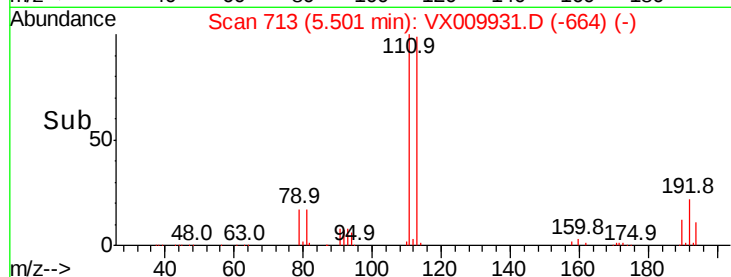
#35
 Dibromofluoromethane
 Concen: 48.870 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009931.D
 Acq: 29 May 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0652

Tot Ion:113 Resp: 88765
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 22.0 17.1 25.7

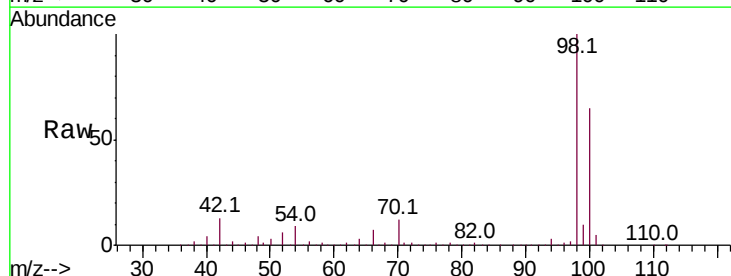


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

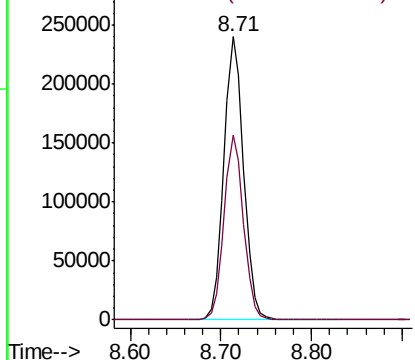
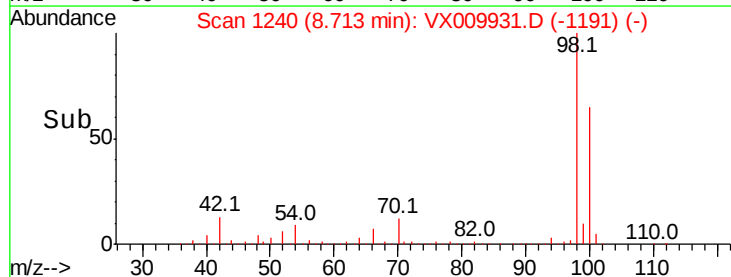


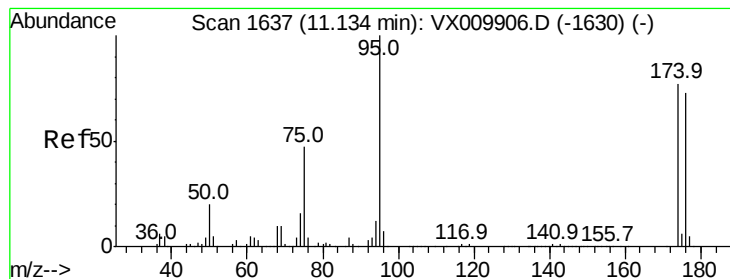
#50
 Toluene-d8
 Concen: 49.434 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009931.D
 Acq: 29 May 2019 11:45

Tgt Ion: 98 Resp: 364610
 Ion Ratio Lower Upper
 98 100
 100 64.3 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: 46.705 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009931.D

Acq: 29 May 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

S32-0652

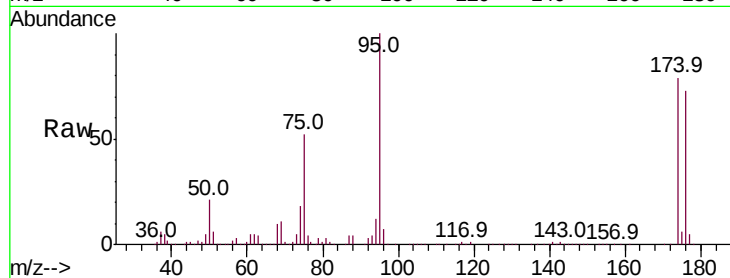
Tot Ion: 95 Resp: 123733

Ion Ratio Lower Upper

95 100

174 83.1 0.0 160.4

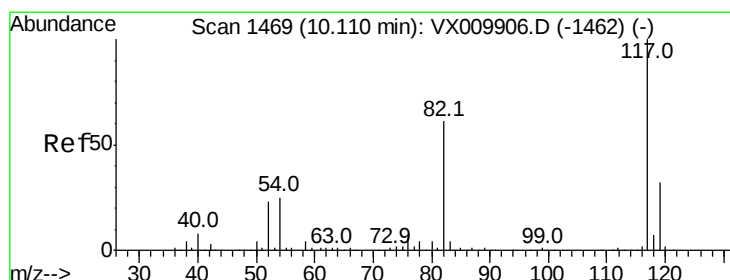
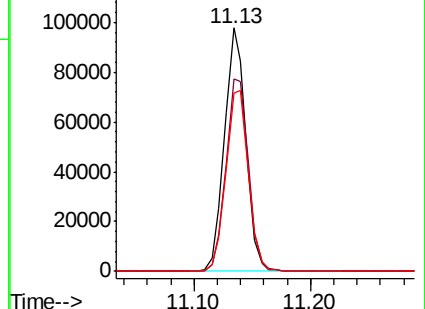
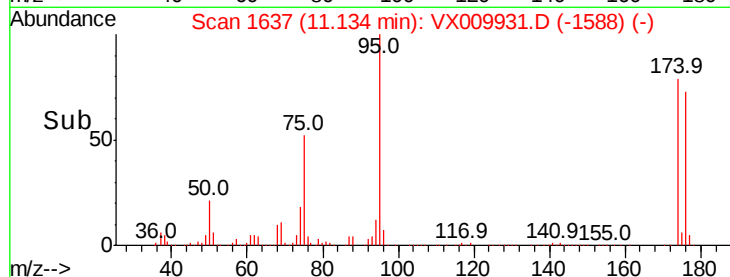
176 78.5 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX009931.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009931.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009931.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009931.D

Acq: 29 May 2019 11:45

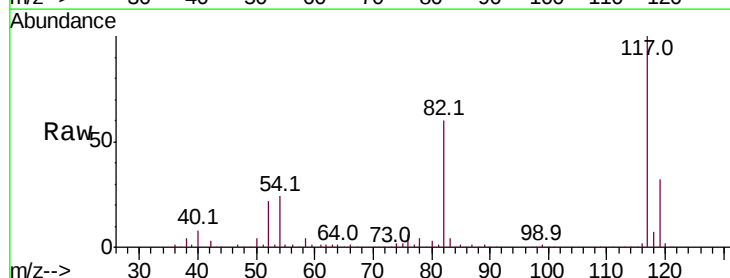
Tgt Ion: 117 Resp: 260171

Ion Ratio Lower Upper

117 100

82 59.8 49.2 73.8

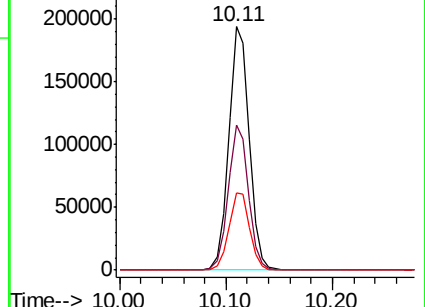
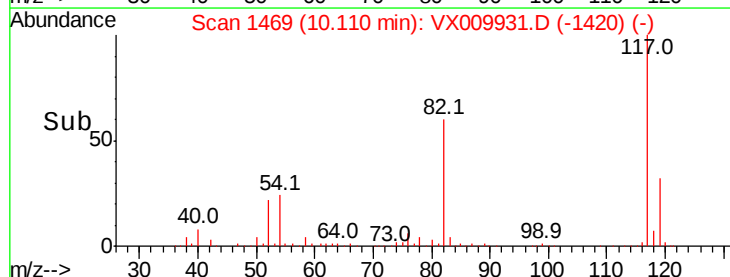
119 31.7 25.2 37.8

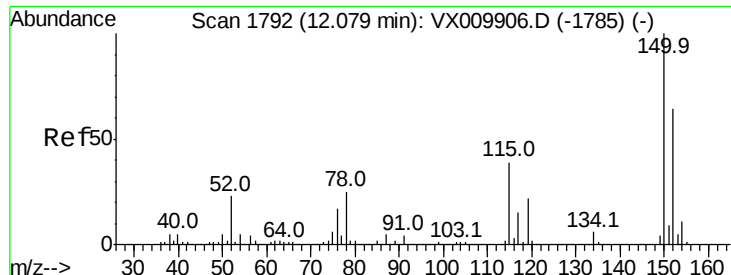


Abundance Ion 116.90 (116.60 to 117.60): VX009931.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009931.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009931.D (-1420) (-)

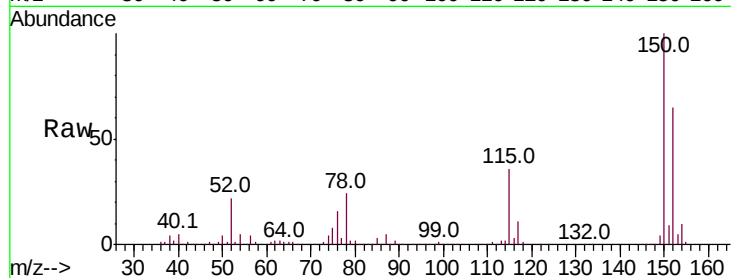




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009931.D
 Acq: 29 May 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0652

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.4	124.2
150	157.5	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

