

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009943.D
 Acq On : 29 May 2019 16:26
 Operator : JC/SP
 Sample : K3088-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 30 01:15:59 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	173569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108703	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118515	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
35) Dibromofluoromethane	5.50	113	86502	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	8.71	98	355562	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	119658	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	

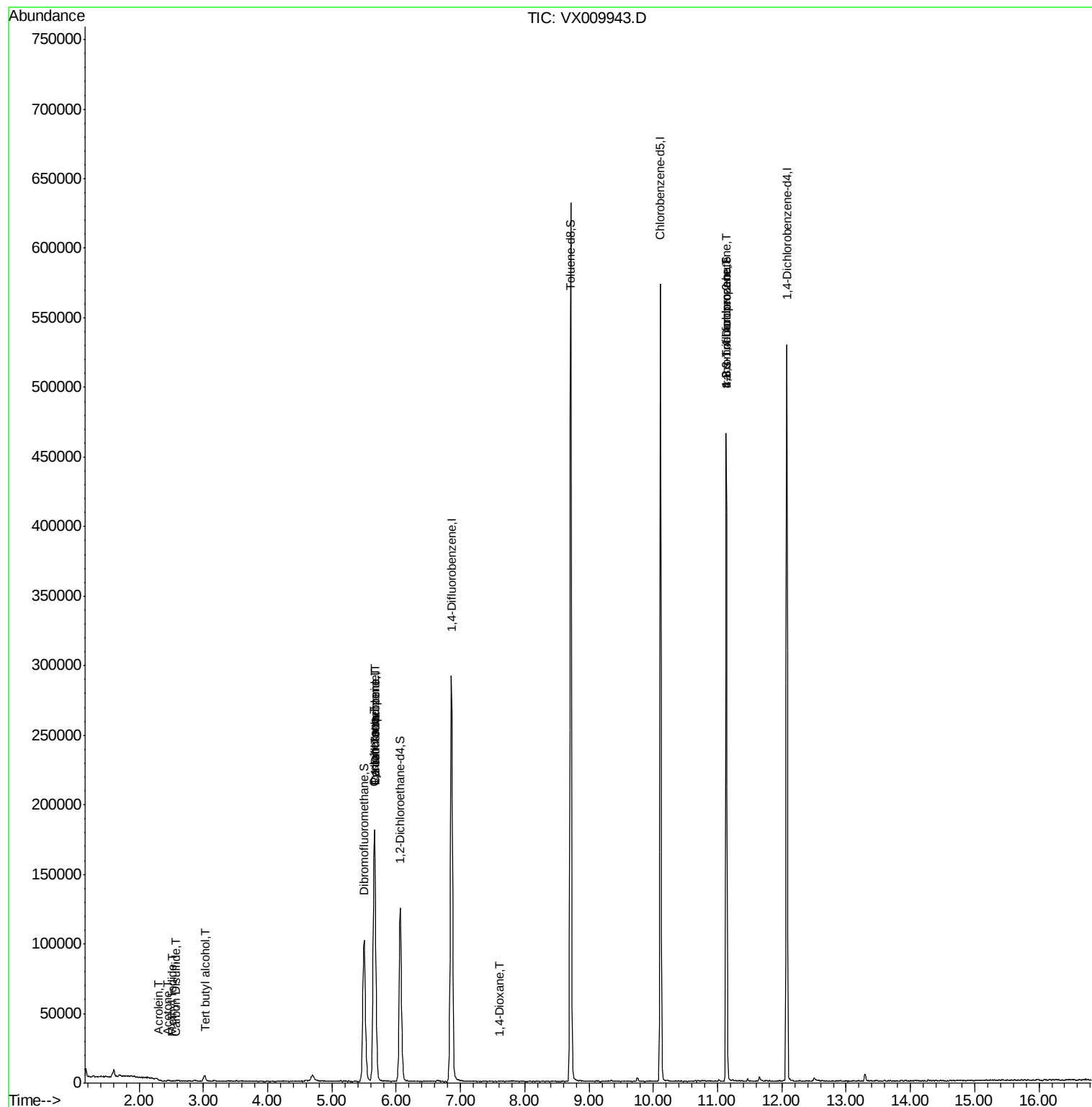
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	61	4.683	ug/l #	62
11) Tert butyl alcohol	3.03	59	2429	4.026	ug/l #	82
13) Acrolein	2.29	56	208	21.542	ug/l #	57
16) Acetone	2.45	43	707	0.499	ug/l #	84
17) Carbon Disulfide	2.57	76	507	0.479	ug/l #	57
31) Cyclohexane	5.65	56	4183	1.121	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14433	5.067	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16538	6.719	ug/l #	17
49) 1,4-Dioxane	7.62	88	21	0.356	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	62509	24.047	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62509	59.497	ug/l #	10

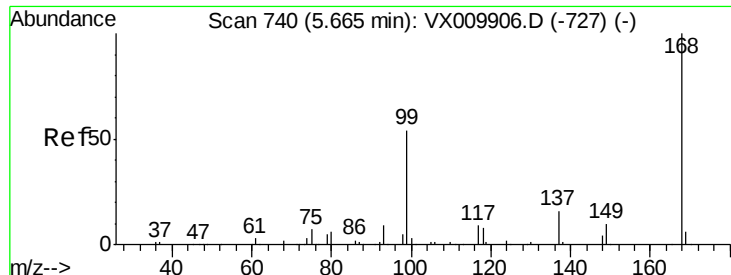
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052919\
Data File : VX009943.D
Acq On : 29 May 2019 16:26
Operator : JC/SP
Sample : K3088-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Quant Time: May 30 01:15:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
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: VX009943.D

Acq: 29 May 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

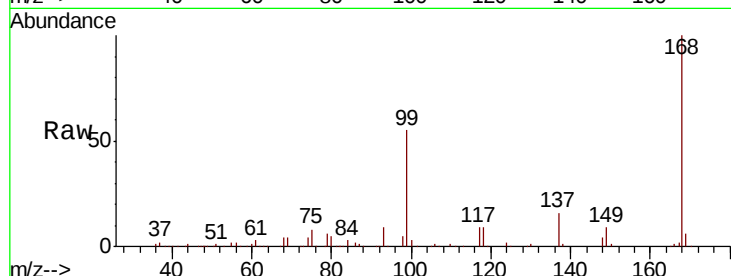
TRIP-BLANK

Tot Ion:168 Resp: 173569

Ion Ratio Lower Upper

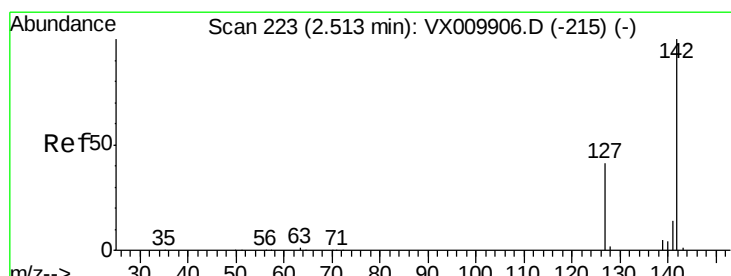
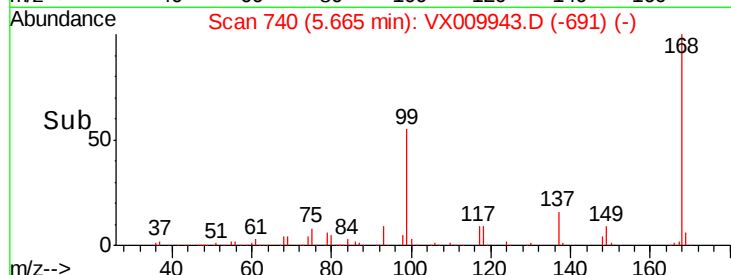
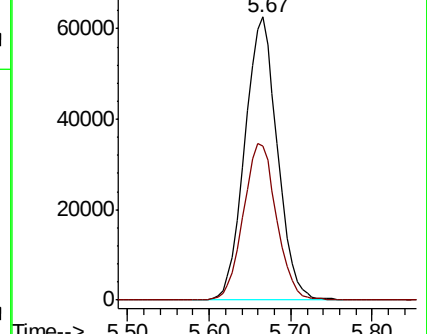
168 100

99 54.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 4.683 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009943.D

Acq: 29 May 2019 16:26

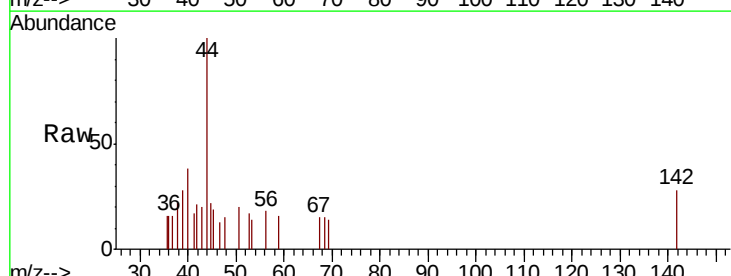
Tgt Ion:142 Resp: 61

Ion Ratio Lower Upper

142 100

127 65.6 33.0 49.4#

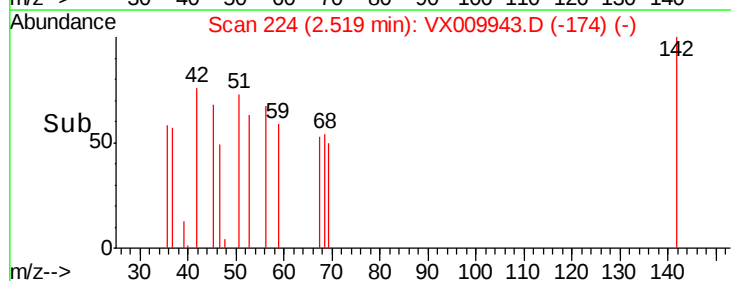
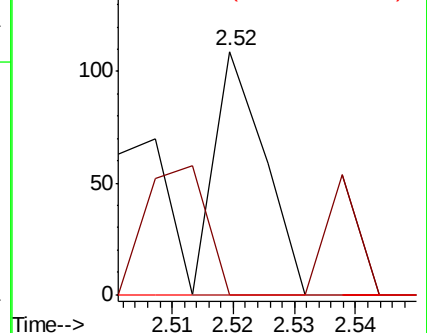
141 0.0 11.4 17.0#

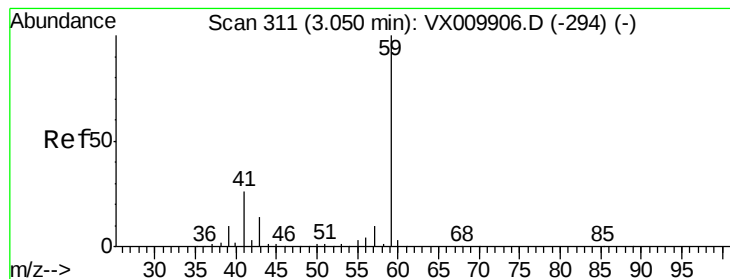


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



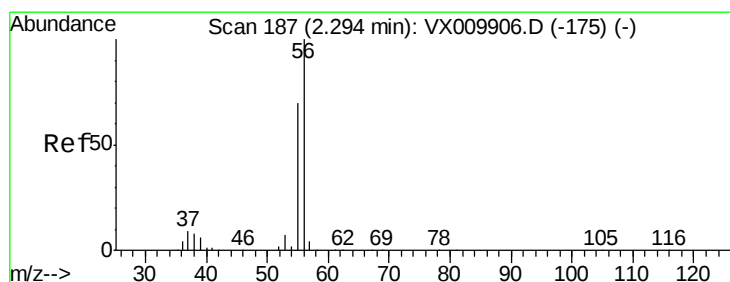
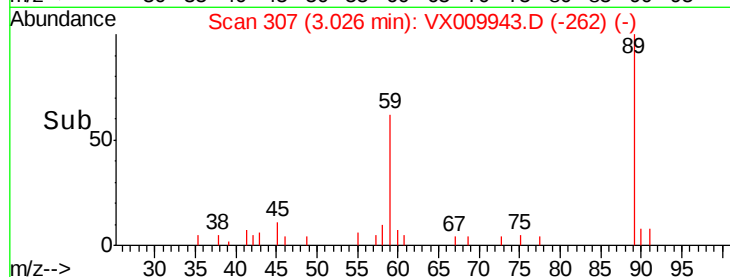
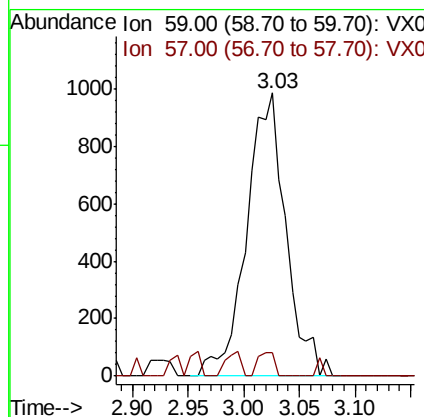
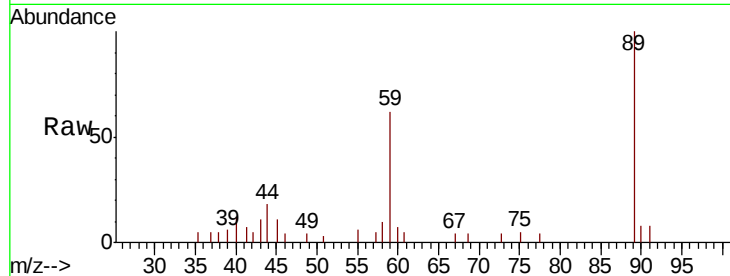


#11

Tert butyl alcohol
 Concen: 4.026 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.02 min
 Lab File: VX009943.D
 Acq: 29 May 2019 16:26

Instrument :
 MSVOA_X
 ClientSampled :
 TRIP-BLANK

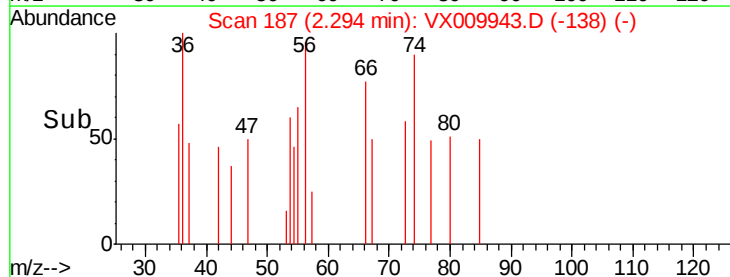
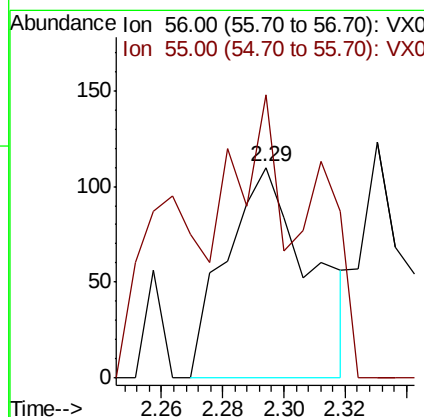
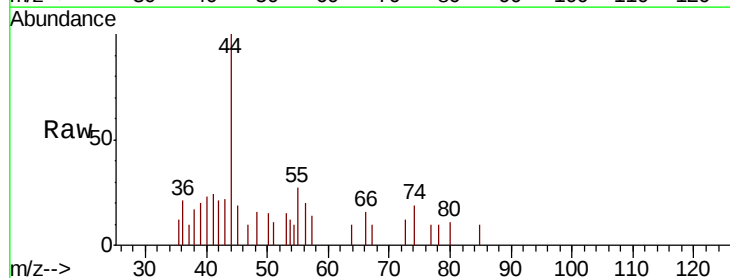
Tot Ion: 59 Resp: 2429
 Ion Ratio Lower Upper
 59 100
 57 3.4 8.2 12.2#

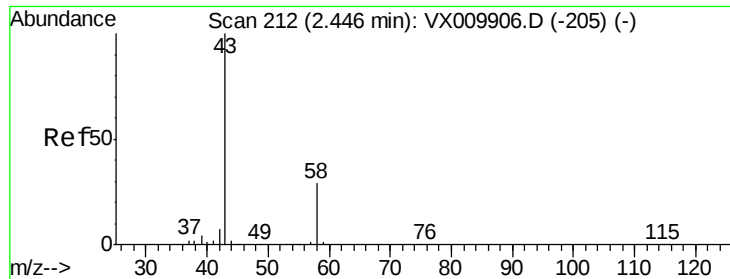


#13

Acrolein
 Concen: 21.542 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX009943.D
 Acq: 29 May 2019 16:26

Tgt Ion: 56 Resp: 208
 Ion Ratio Lower Upper
 56 100
 55 35.6 57.0 85.4#





#16

Acetone

Concen: 0.499 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009943.D

Acq: 29 May 2019 16:26

Instrument :

MSVOA_X

ClientSampled :

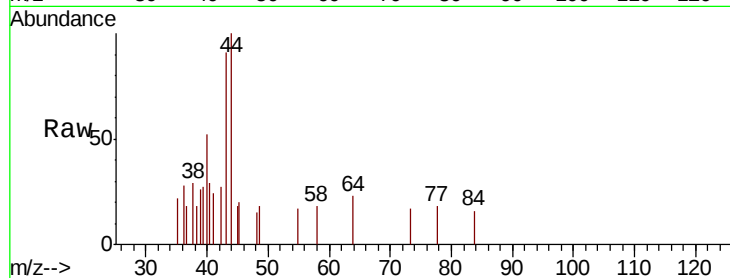
TRIP-BLANK

Tot Ion: 43 Resp: 707

Ion Ratio Lower Upper

43 100

58 20.3 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

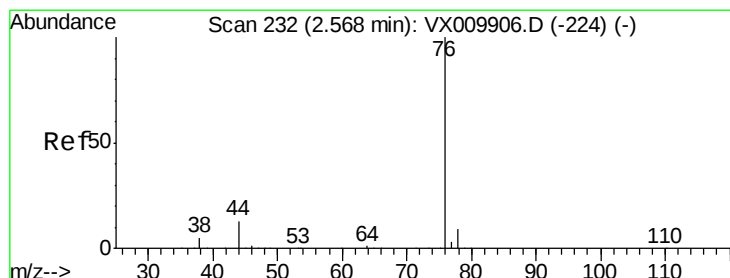
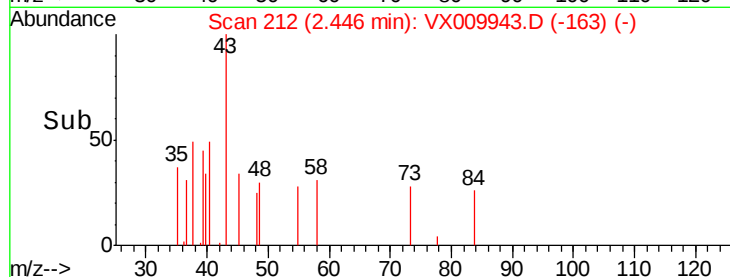
300

200

100

0

Time-->



#17

Carbon Disulfide

Concen: 0.479 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009943.D

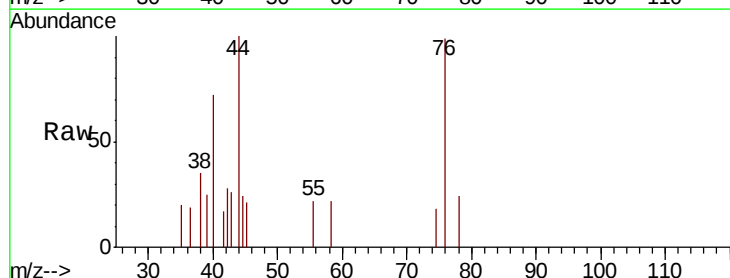
Acq: 29 May 2019 16:26

Tgt Ion: 76 Resp: 507

Ion Ratio Lower Upper

76 100

78 24.3 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

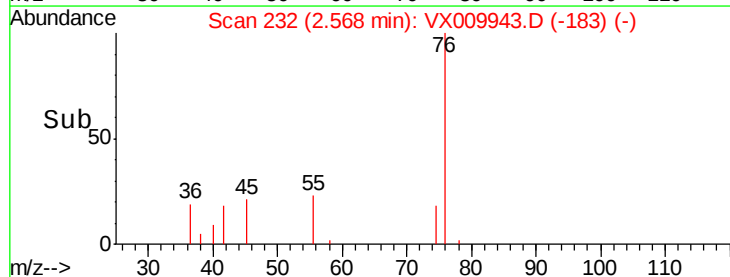
300

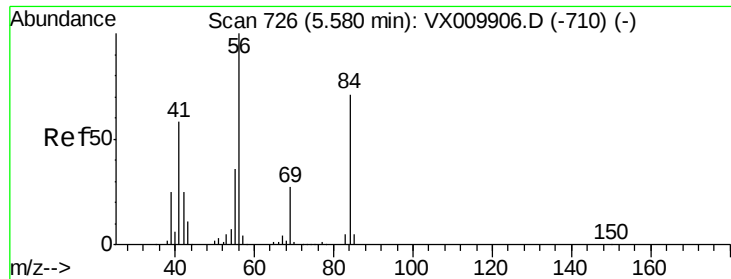
200

100

0

Time-->

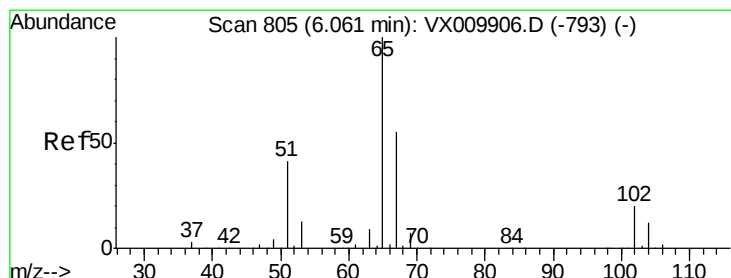
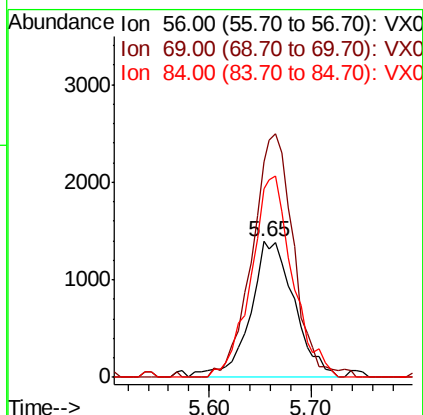
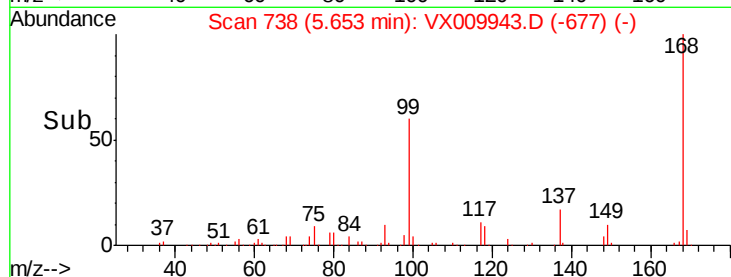
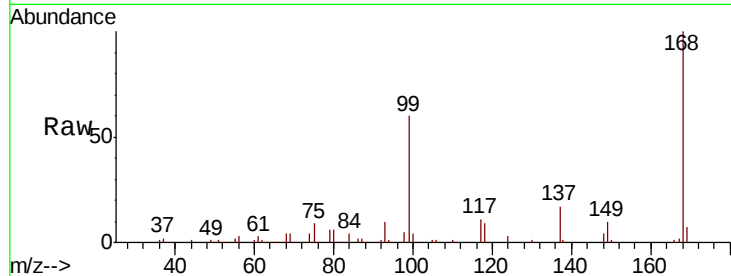




#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX009943.D
Acq: 29 May 2019 16:26

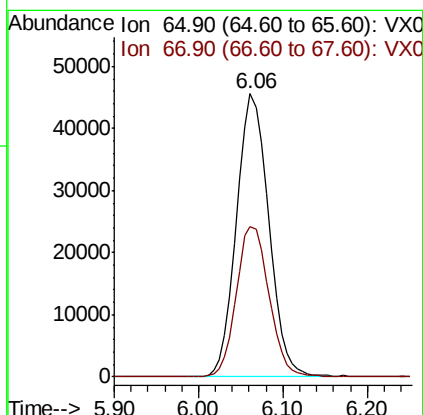
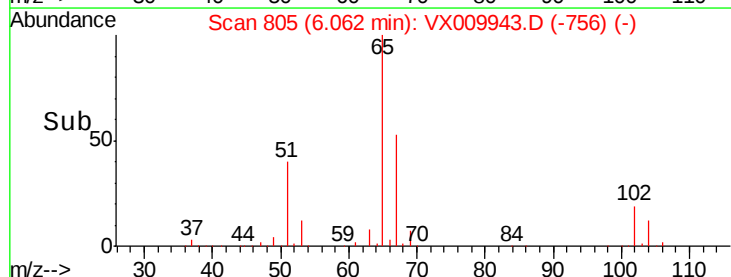
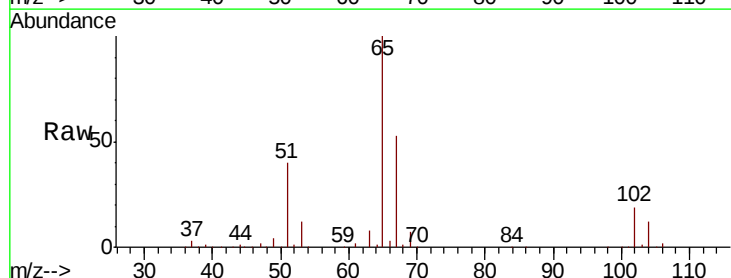
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

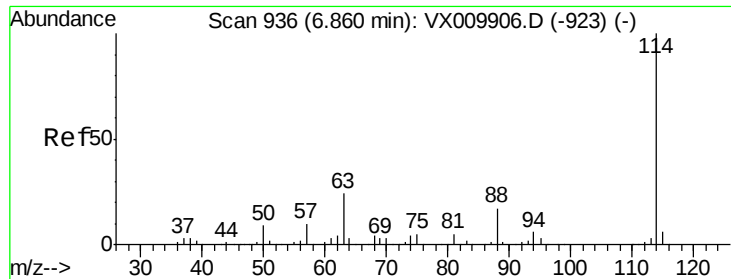
Tot Ion: 56 Resp: 4183
Ion Ratio Lower Upper
56 100
69 158.7 21.6 32.4#
84 139.2 56.8 85.2#



#33
1,2-Dichloroethane-d4
Concen: 48.338 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009943.D
Acq: 29 May 2019 16:26

Tgt Ion: 65 Resp: 118515
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.4

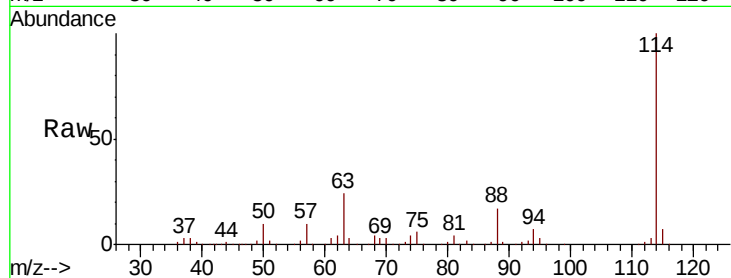




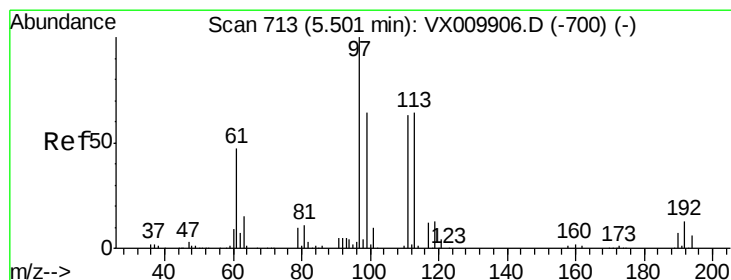
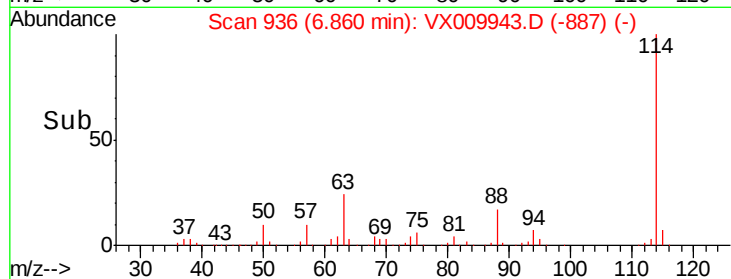
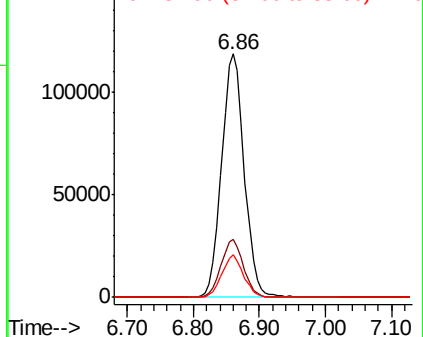
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009943.D
 Acq: 29 May 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	47.4
88	17.4	0.0	33.0

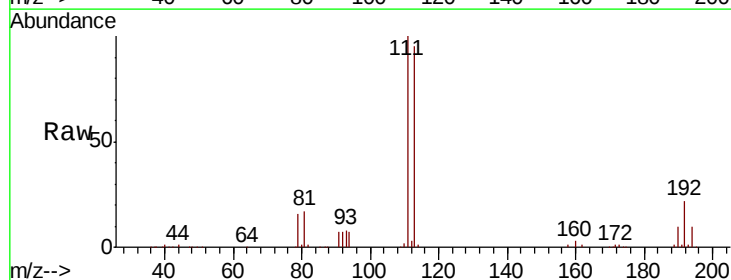


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

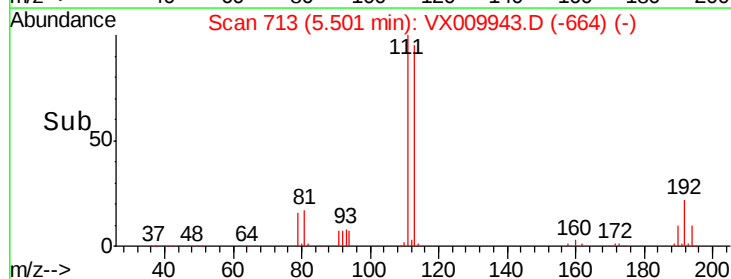
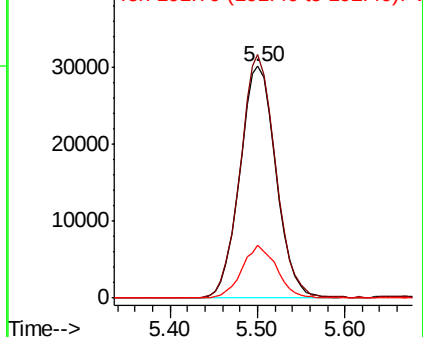


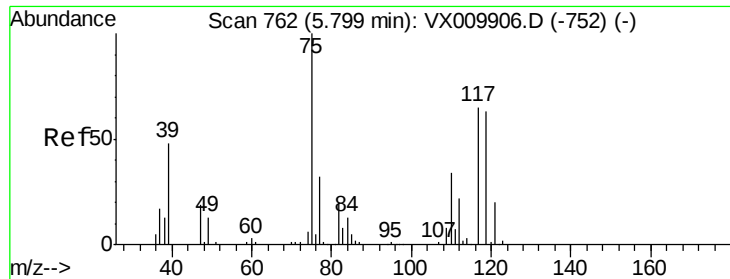
#35
 Dibromofluoromethane
 Concen: 49.010 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009943.D
 Acq: 29 May 2019 16:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	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





#36

1,1-Dichloropropene

Concen: 5.067 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009943.D

Acq: 29 May 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

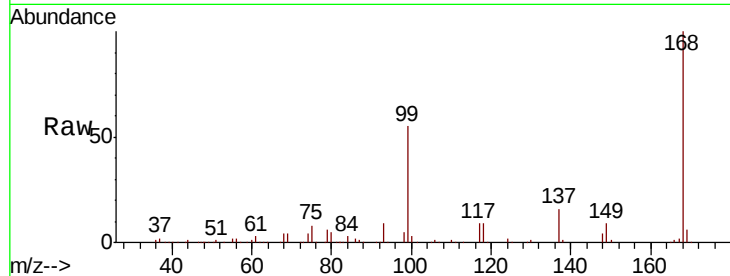
Tot Ion: 75 Resp: 14433

Ion Ratio Lower Upper

75 100

110 8.8 16.7 50.1#

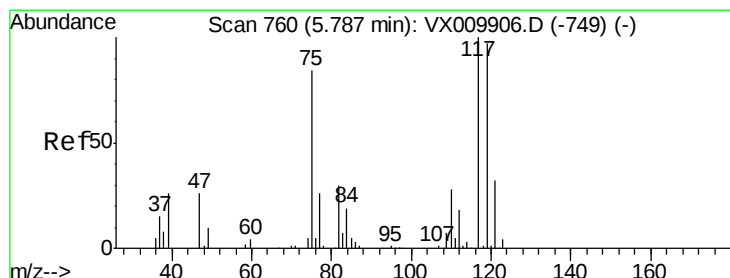
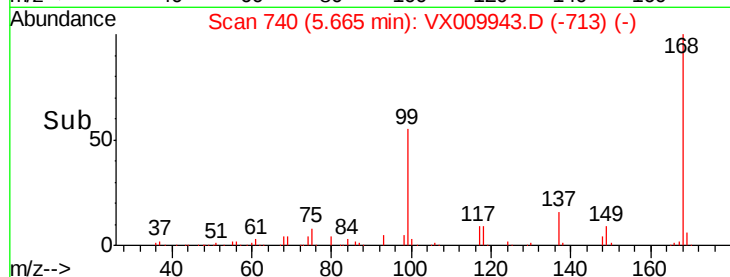
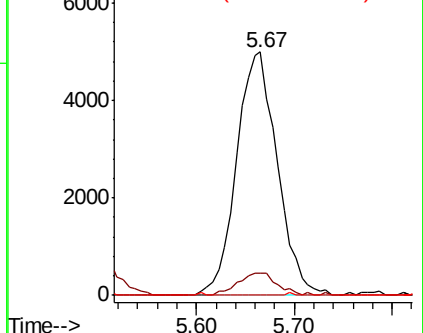
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.719 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX009943.D

Acq: 29 May 2019 16:26

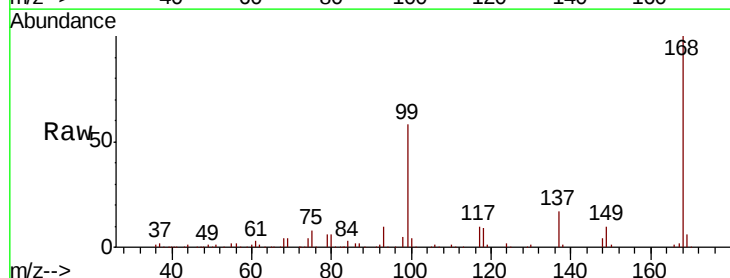
Tgt Ion: 117 Resp: 16538

Ion Ratio Lower Upper

117 100

119 7.0 77.3 115.9#

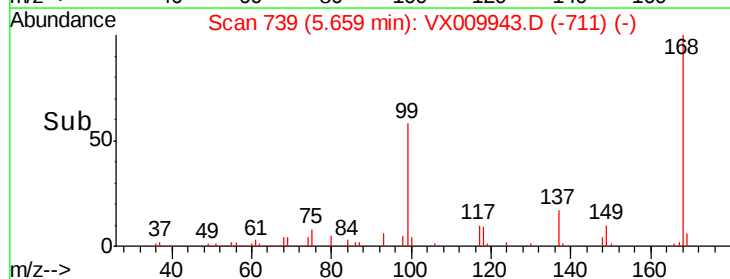
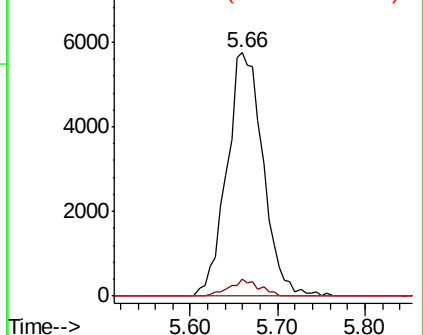
121 0.0 25.4 38.0#

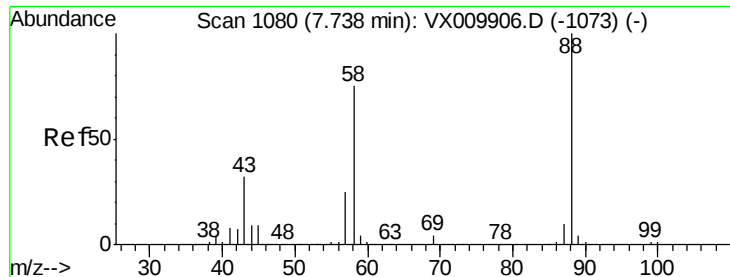


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.356 ug/l

RT: 7.62 min Scan# 1060

Delta R.T. -0.12 min

Lab File: VX009943.D

Acq: 29 May 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

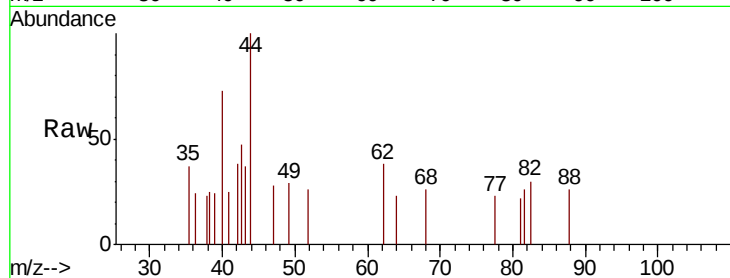
Tot Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 1214.3 30.2 45.4#

58 0.0 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

250

200

150

100

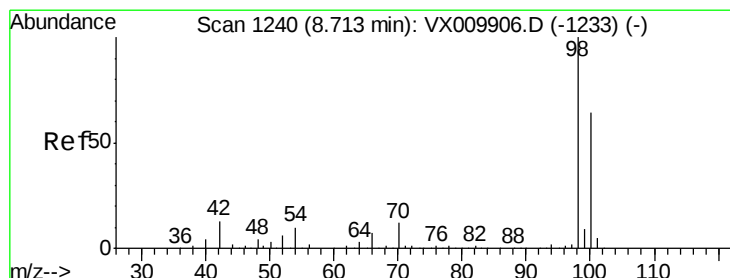
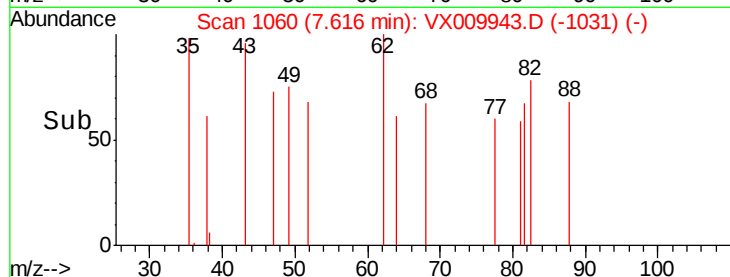
50

0

7.60 7.61 7.62 7.63

7.62

Time-->



#50

Toluene-d8

Concen: 49.610 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009943.D

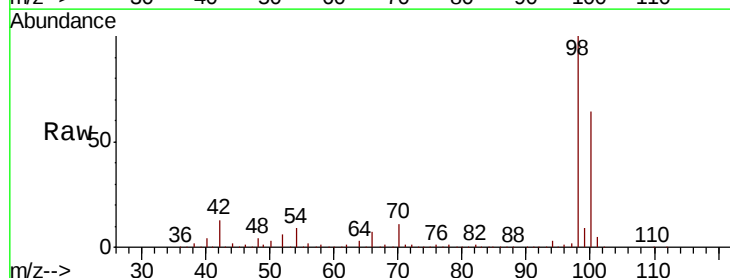
Acq: 29 May 2019 16:26

Tgt Ion: 98 Resp: 355562

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

100000

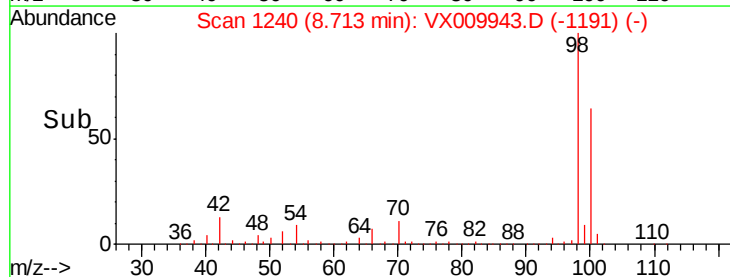
50000

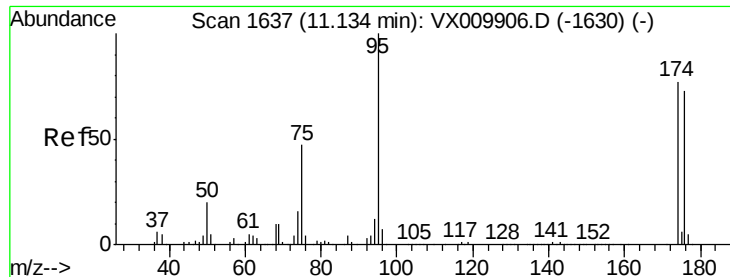
0

8.60 8.70 8.80

8.71

Time-->

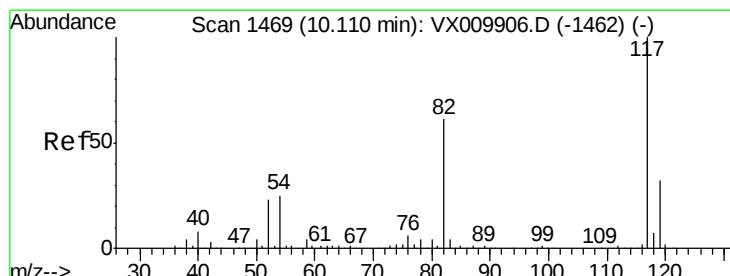
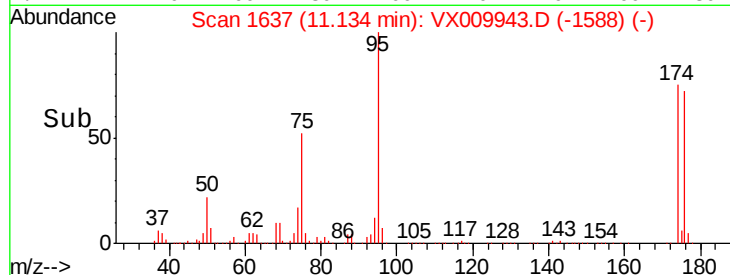
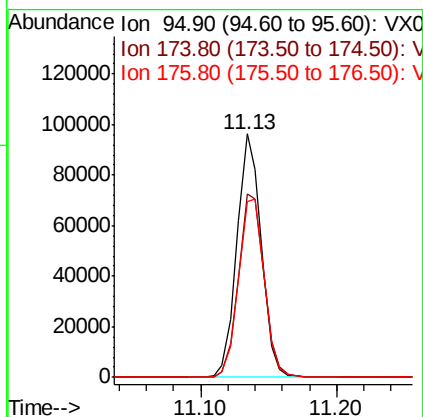
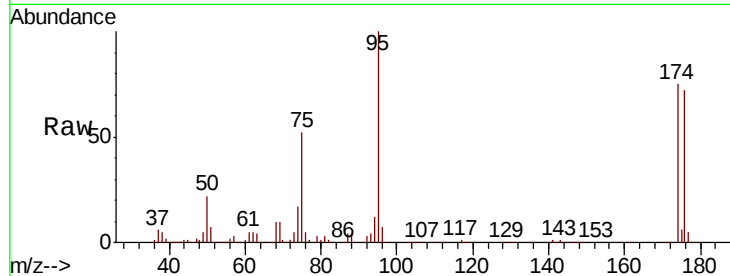




#62
4-Bromofluorobenzene
Concen: 46.481 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009943.D
Acq: 29 May 2019 16:26

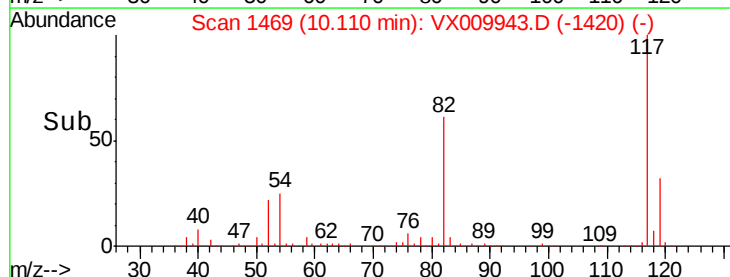
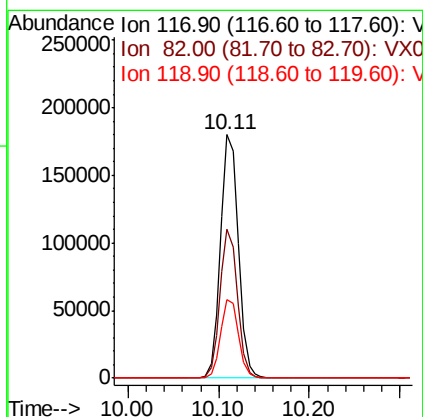
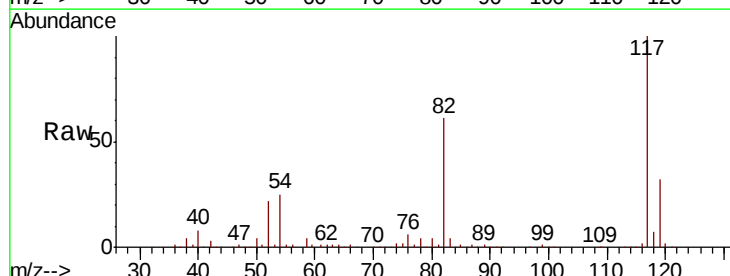
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

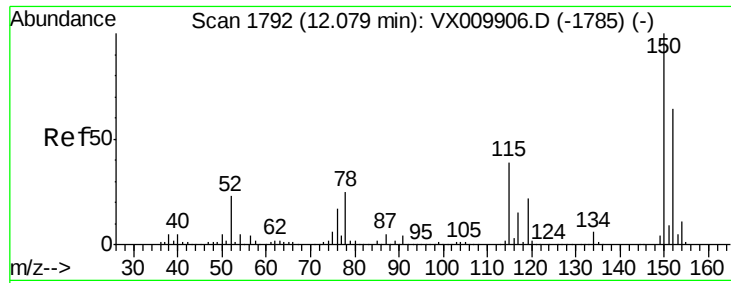
Tot Ion: 95 Resp: 119658
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.4
176 77.6 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009943.D
Acq: 29 May 2019 16:26

Tgt Ion: 117 Resp: 248833
Ion Ratio Lower Upper
117 100
82 61.1 49.2 73.8
119 32.3 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009943.D

Acq: 29 May 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

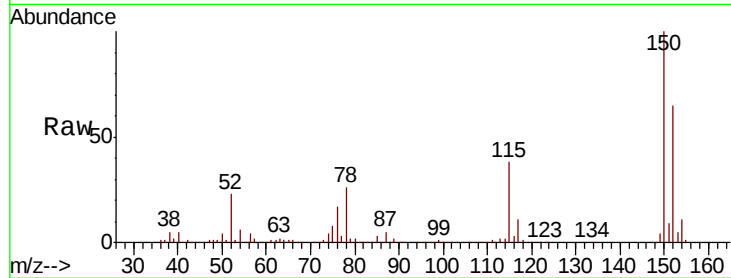
Tot Ion:152 Resp: 108703

Ion Ratio Lower Upper

152 100

115 59.5 41.4 124.2

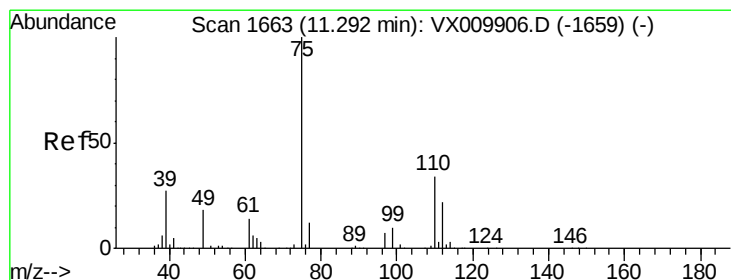
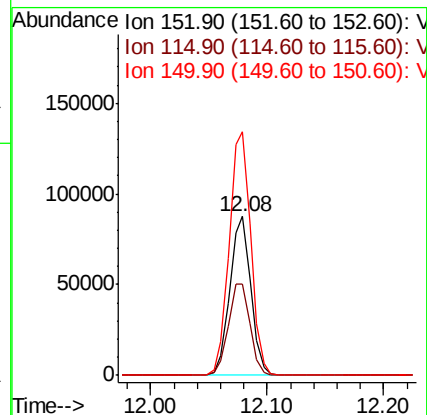
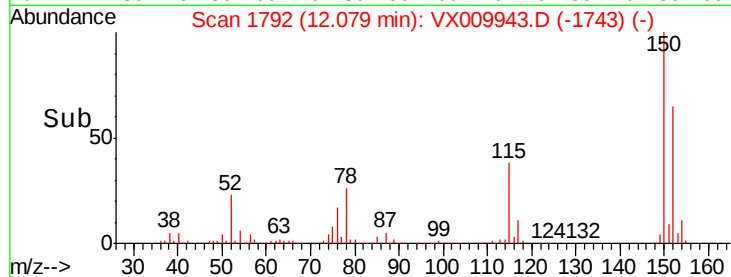
150 158.0 0.0 345.2



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



#76

1,2,3-Trichloropropane

Concen: 24.047 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009943.D

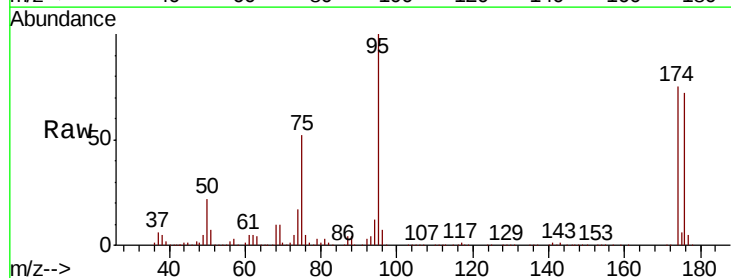
Acq: 29 May 2019 16:26

Tgt Ion: 75 Resp: 62509

Ion Ratio Lower Upper

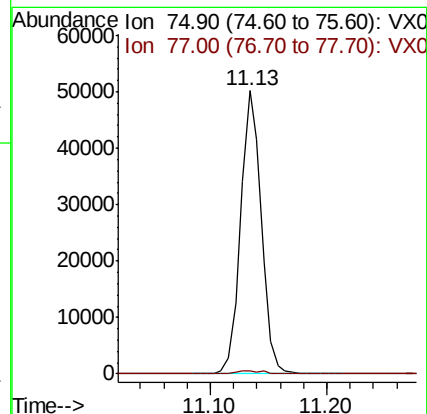
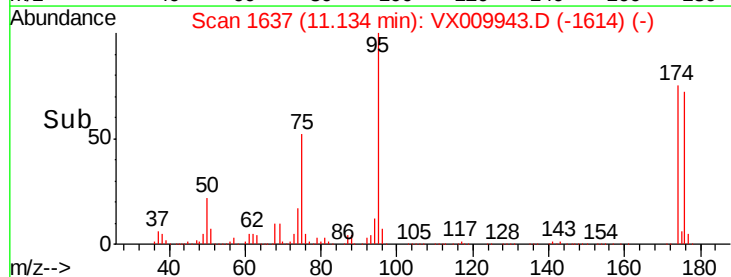
75 100

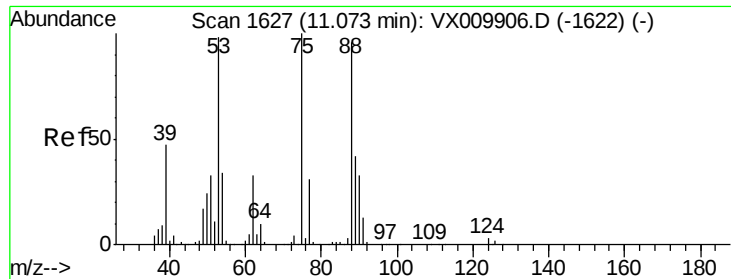
77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 59.497 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009943.D

Acq: 29 May 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

Tot Ion: 75 Resp: 62509

Ion Ratio Lower Upper

75 100

53 0.2 79.8 119.6#

89 0.1 34.2 51.4#

