

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010045.D
 Acq On : 03 Jun 2019 18:45
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:42:17 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	177109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283378	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114605	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	117243	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
35) Dibromofluoromethane	5.50	113	86789	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	359915	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	121890	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	

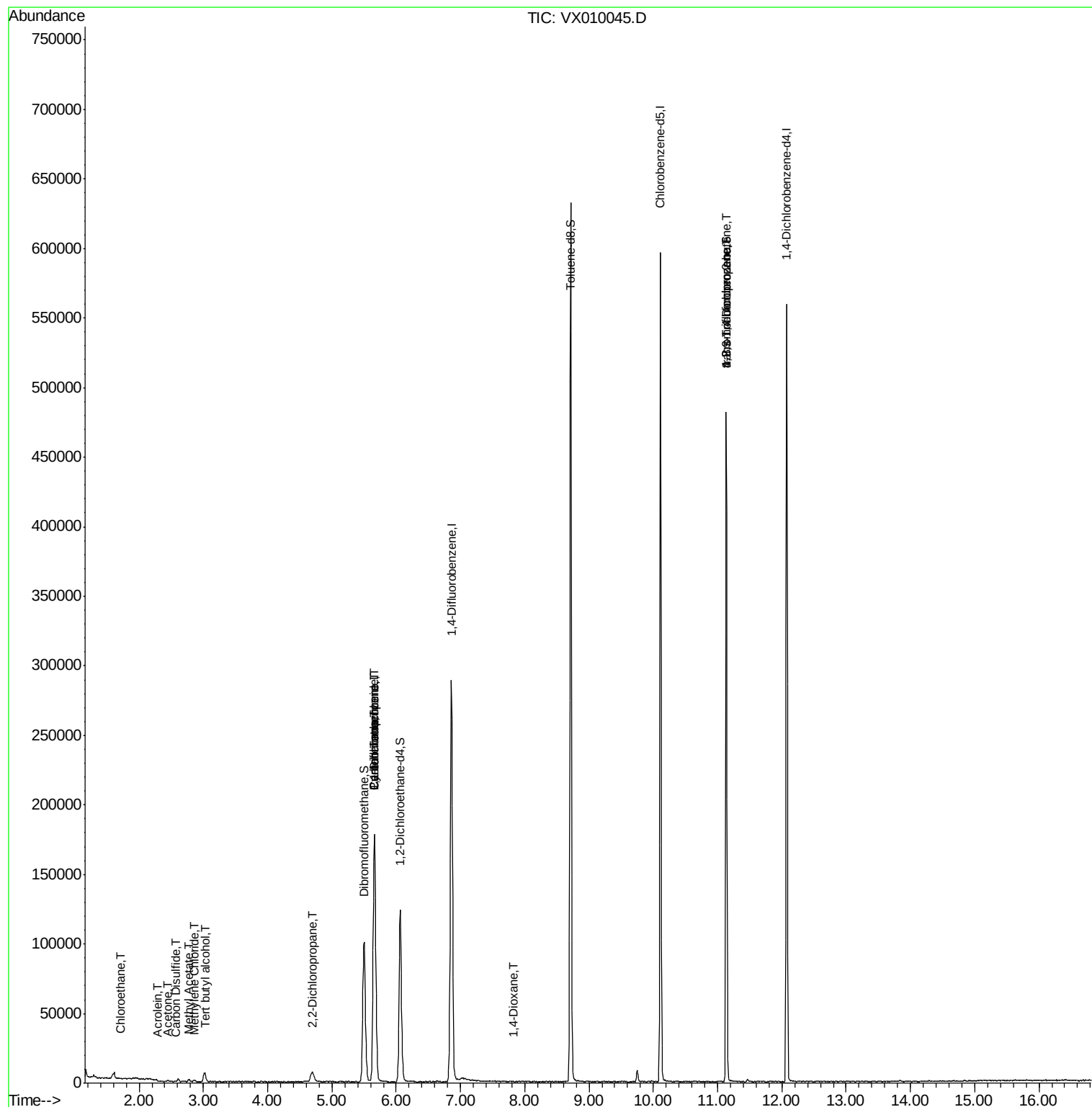
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.71	64	431	0.267	ug/l #	43
11) Tert butyl alcohol	3.03	59	4233	6.875	ug/l #	74
13) Acrolein	2.29	56	40	21.181	ug/l #	14
16) Acetone	2.44	43	894	0.618	ug/l	94
17) Carbon Disulfide	2.57	76	337	0.446	ug/l #	33
18) Methyl Acetate	2.78	43	2178	0.648	ug/l	98
20) Methylene Chloride	2.86	84	499	0.225	ug/l #	79
26) 2,2-Dichloropropane	4.70	77	821	0.270	ug/l #	53
31) Cyclohexane	5.66	56	4087	1.073	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13750	4.782	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16623	6.691	ug/l #	15
49) 1,4-Dioxane	7.82	88	19	0.319	ug/l #	44
76) 1,2,3-Trichloropropane	11.13	75	63035	23.001	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	63035	56.908	ug/l #	10

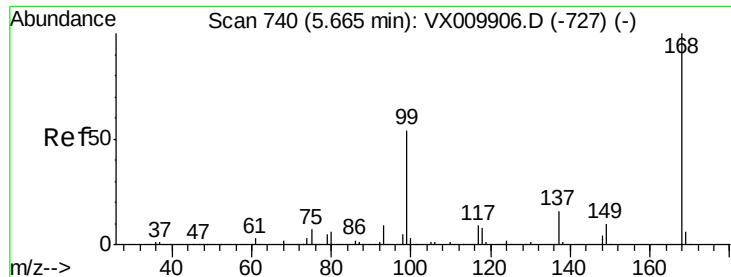
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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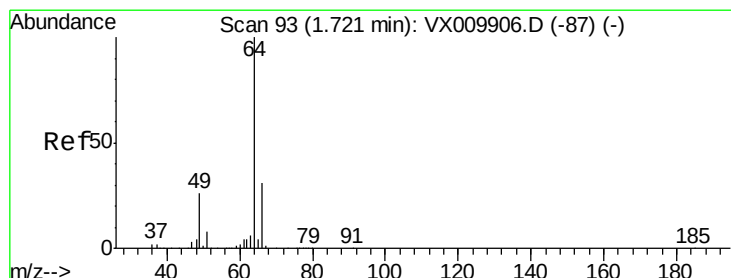
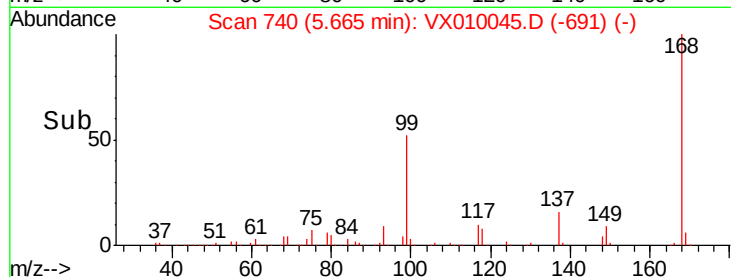
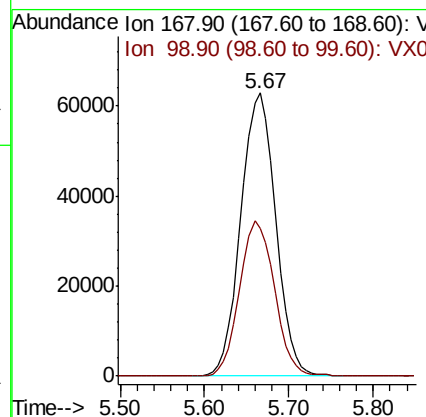
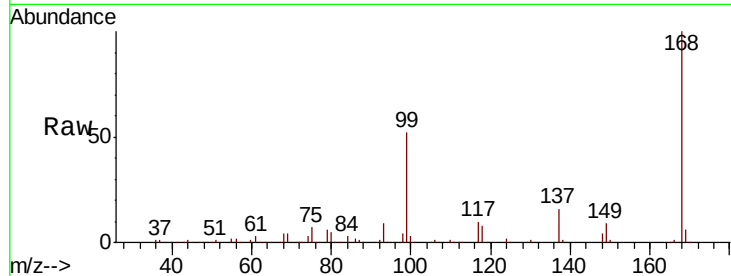




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

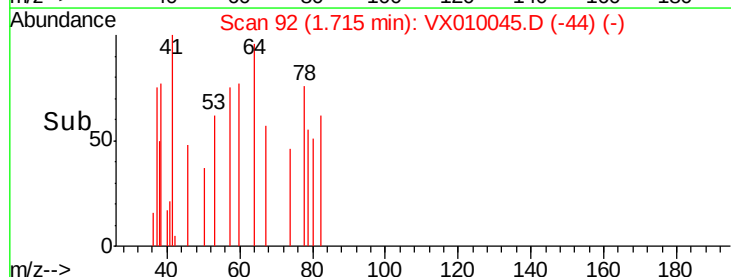
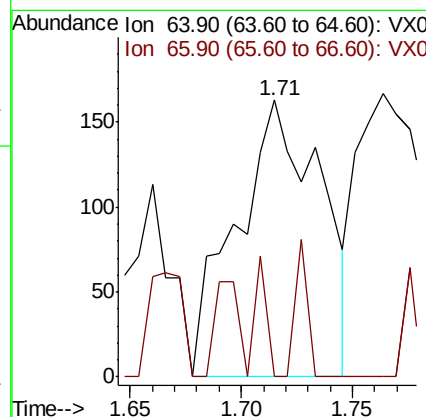
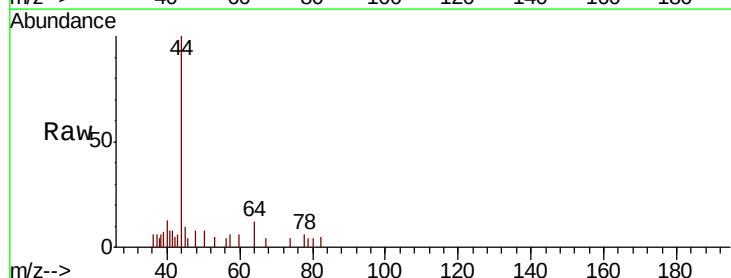
Instrument :
MSVOA_X
ClientSampleId :

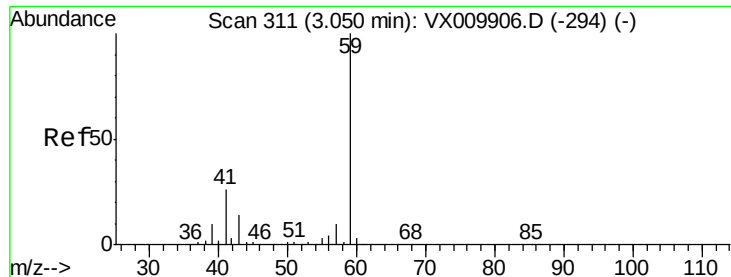
Tot Ion:168 Resp: 177109
Ion Ratio Lower Upper
168 100
99 52.3 43.0 64.6



#6
Chloroethane
Concen: 0.267 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.01 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

Tgt Ion: 64 Resp: 431
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

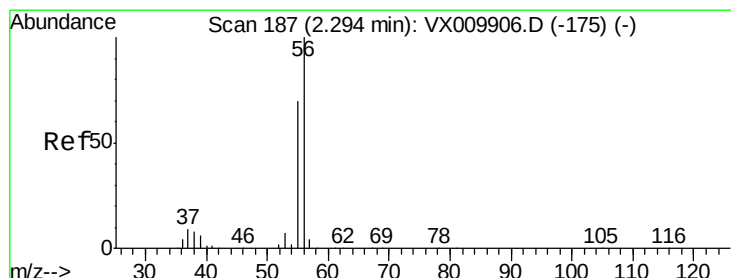
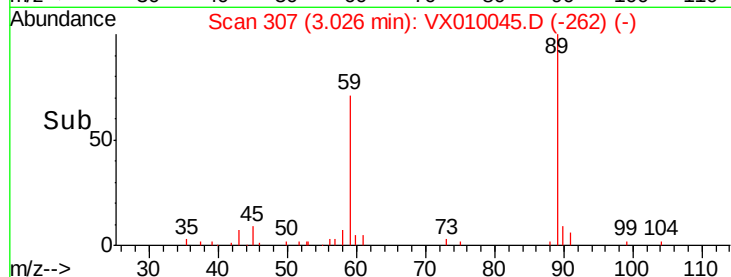
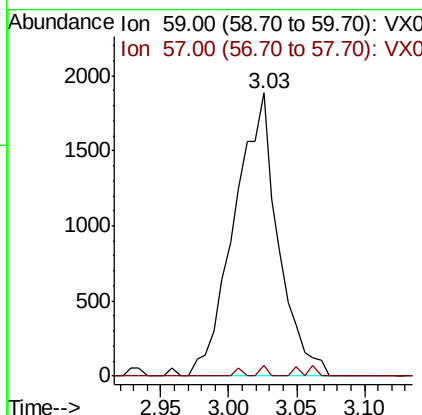
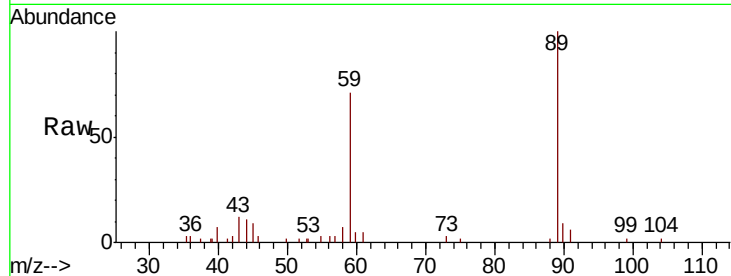




#11
Tert butyl alcohol
Concen: 6.875 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

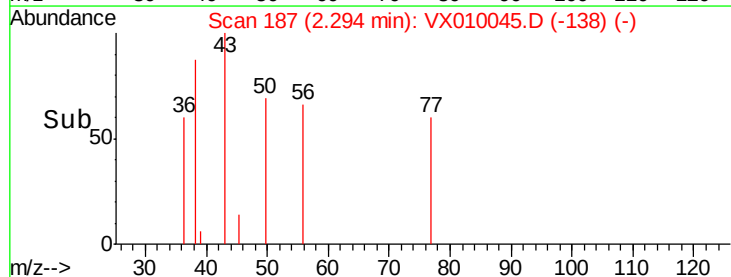
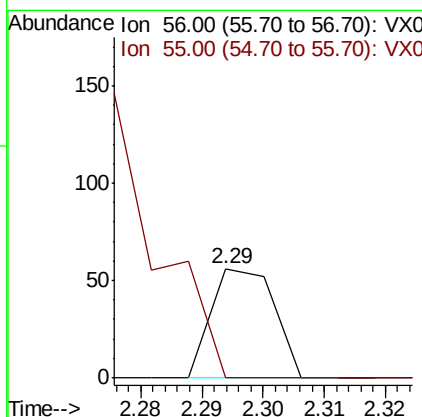
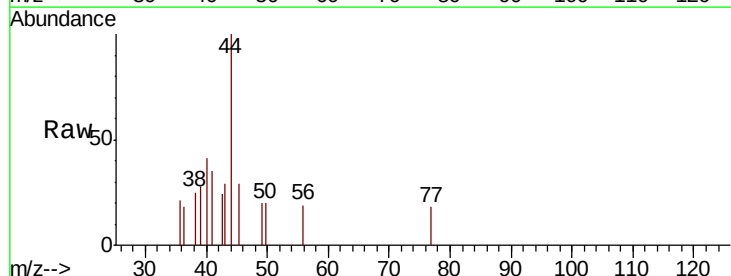
Instrument :
MSVOA_X
ClientSampled :

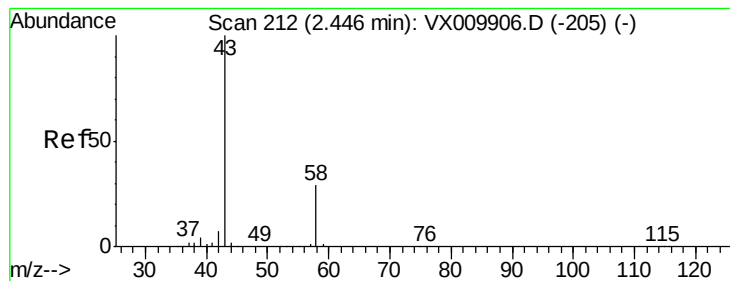
Tot Ion: 59 Resp: 4233
Ion Ratio Lower Upper
59 100
57 0.6 8.2 12.2#



#13
Acrolein
Concen: 21.181 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#16

Acetone

Concen: 0.618 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010045.D

Acq: 03 Jun 2019 18:45

Instrument :

MSVOA_X

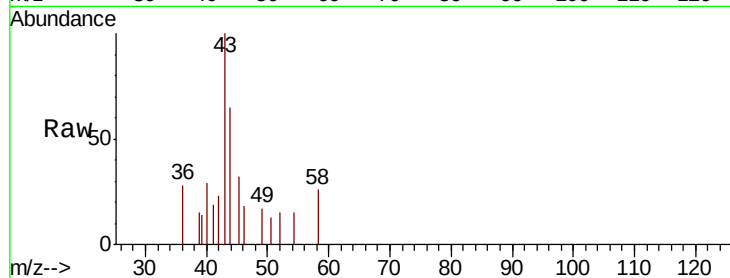
ClientSampled :

Tot Ion: 43 Resp: 894

Ion Ratio Lower Upper

43 100

58 25.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

400

300

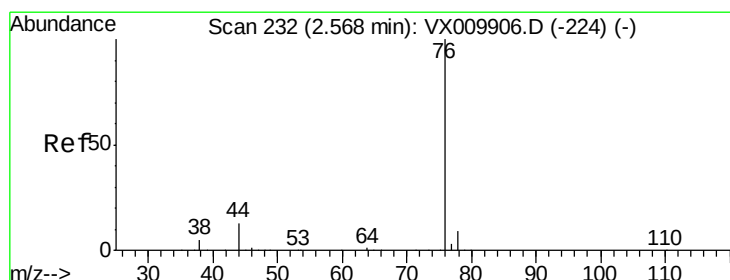
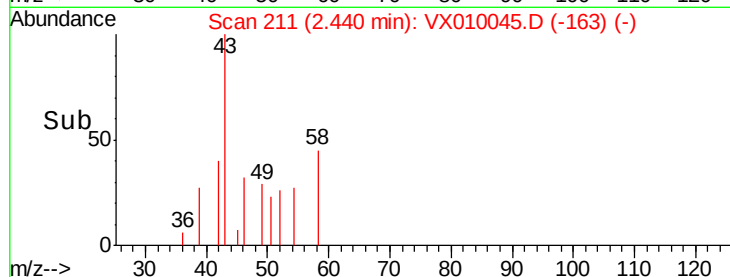
200

100

0

2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.446 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010045.D

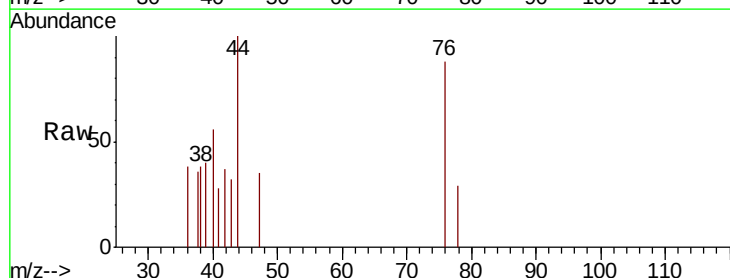
Acq: 03 Jun 2019 18:45

Tgt Ion: 76 Resp: 337

Ion Ratio Lower Upper

76 100

78 32.8 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

200

150

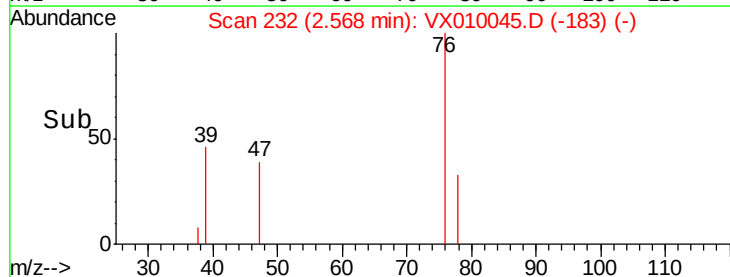
100

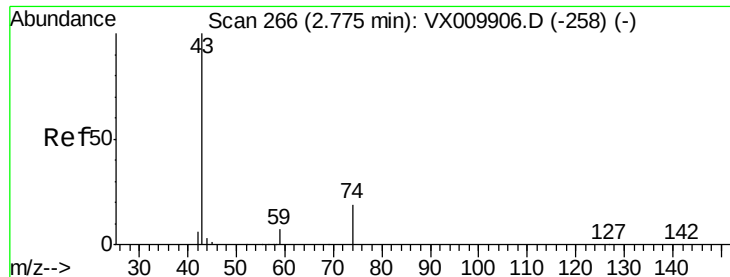
50

0

2.55 2.60

Time-->

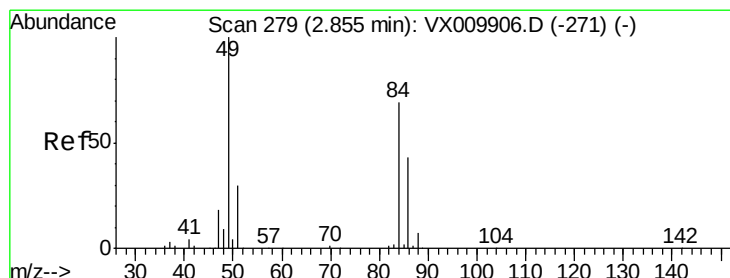
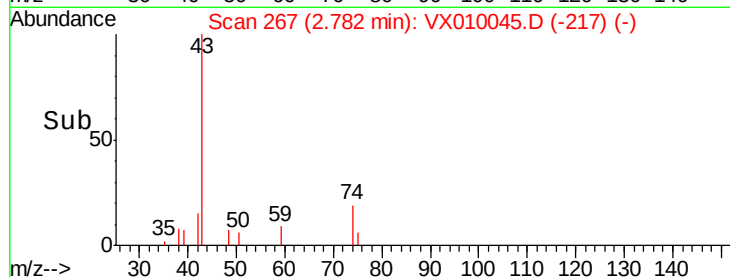
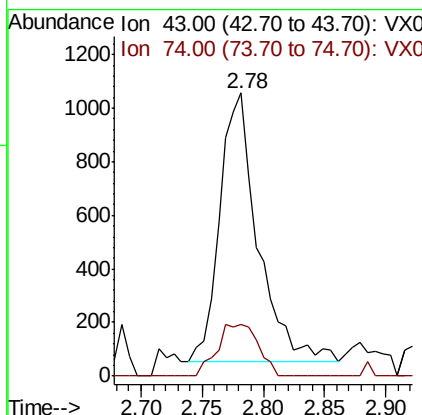
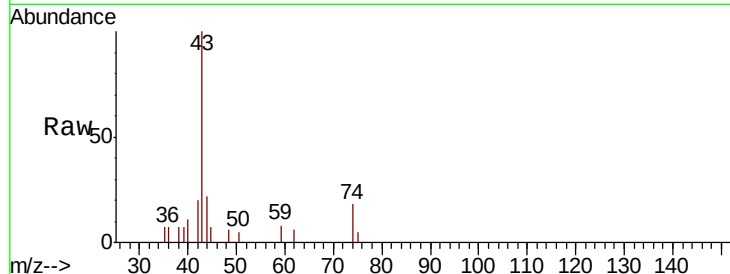




#18
Methyl Acetate
Concen: 0.648 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

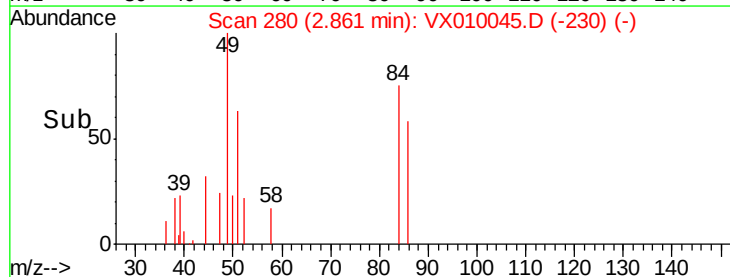
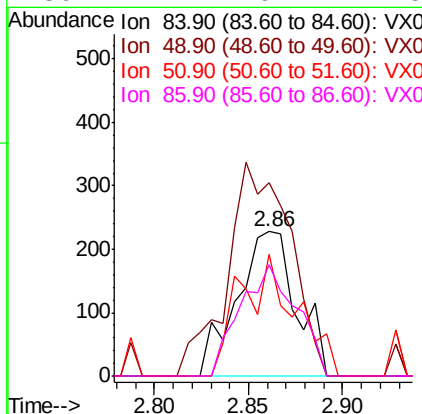
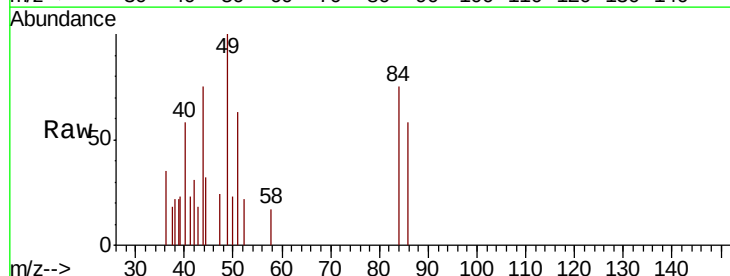
Instrument :
MSVOA_X
ClientSampleId :

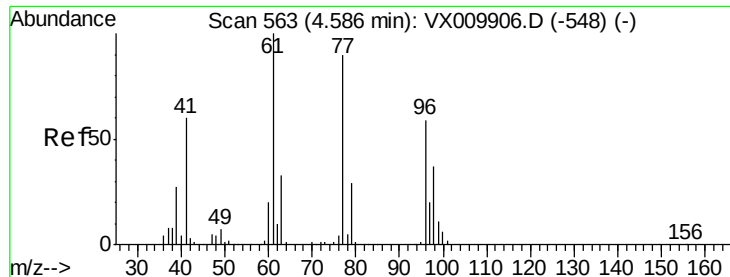
Tot Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
74 20.6 15.8 23.6



#20
Methylene Chloride
Concen: 0.225 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

Tgt Ion: 84 Resp: 499
Ion Ratio Lower Upper
84 100
49 133.3 115.8 173.6
51 83.8 34.4 51.6#
86 77.2 49.7 74.5#

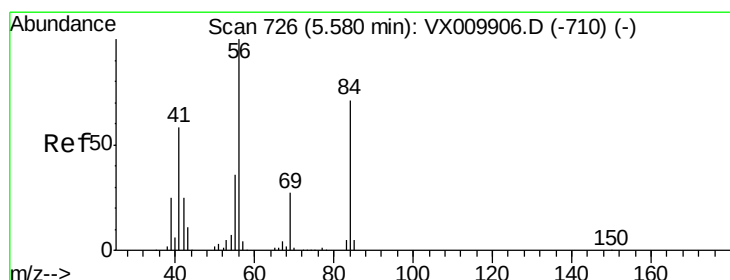
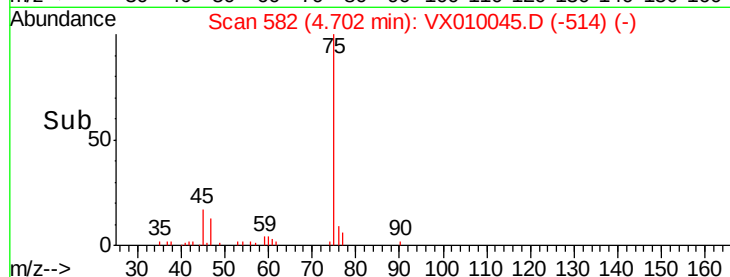
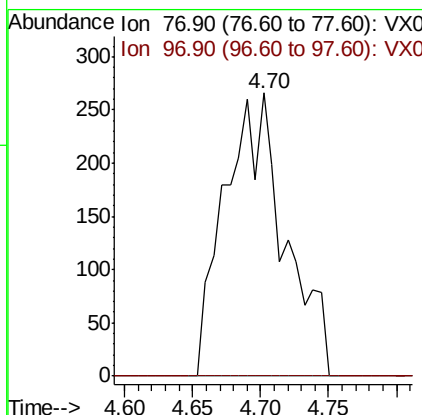
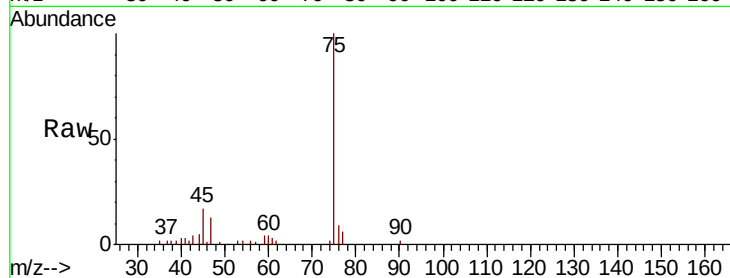




#26
 2,2-Dichloropropane
 Concen: 0.270 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. 0.12 min
 Lab File: VX010045.D
 Acq: 03 Jun 2019 18:45

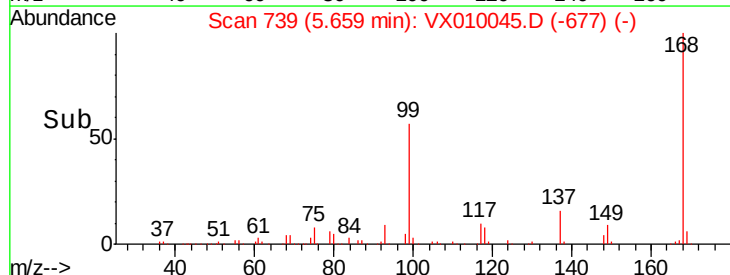
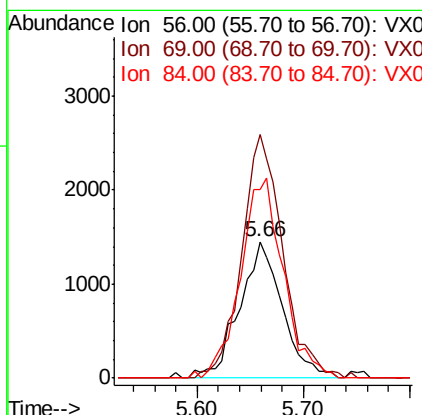
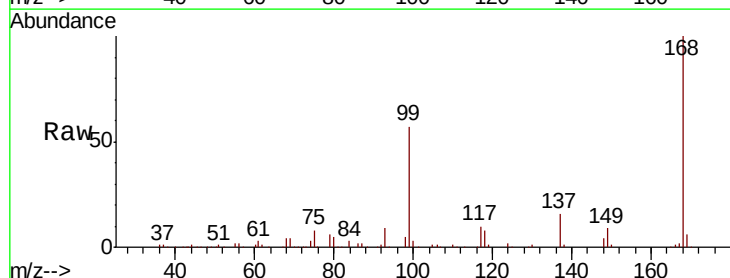
Instrument :
 MSVOA_X
 ClientSampleId :

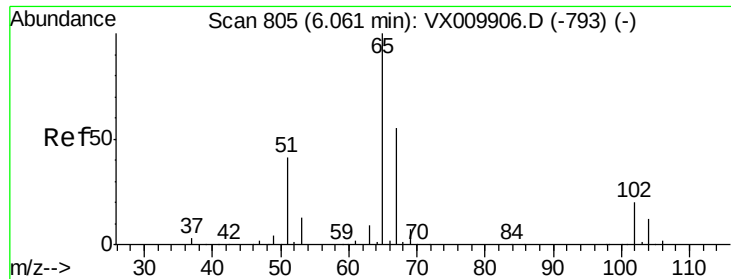
Tot Ion: 77 Resp: 821
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.4 34.2#



#31
 Cyclohexane
 Concen: 1.073 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. 0.08 min
 Lab File: VX010045.D
 Acq: 03 Jun 2019 18:45

Tgt Ion: 56 Resp: 4087
 Ion Ratio Lower Upper
 56 100
 69 178.8 21.6 32.4#
 84 138.4 56.8 85.2#

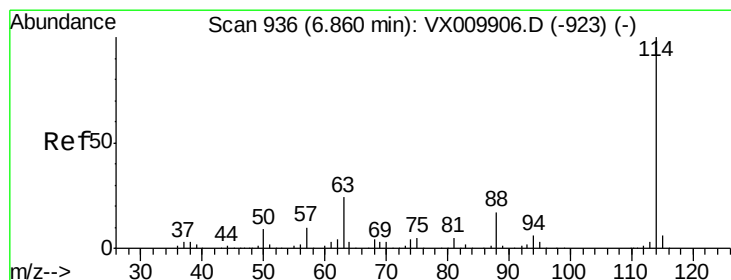
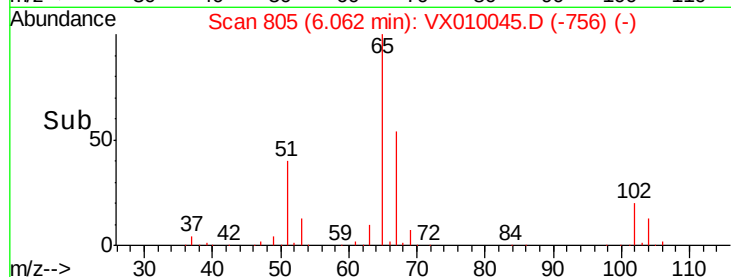
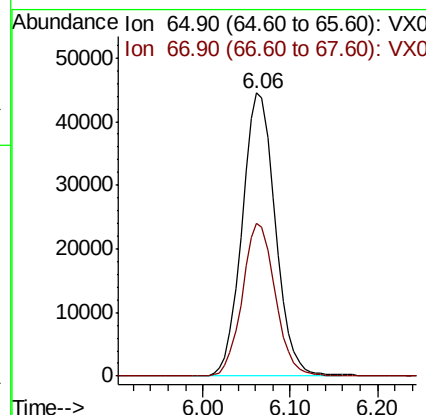
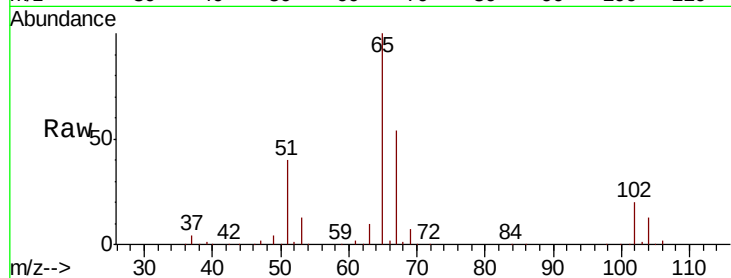




#33
 1,2-Dichloroethane-d4
 Concen: 46.863 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010045.D
 Acq: 03 Jun 2019 18:45

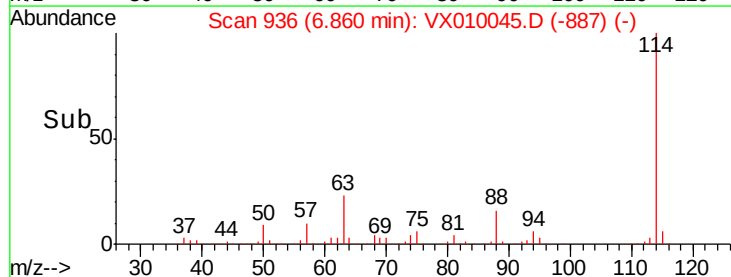
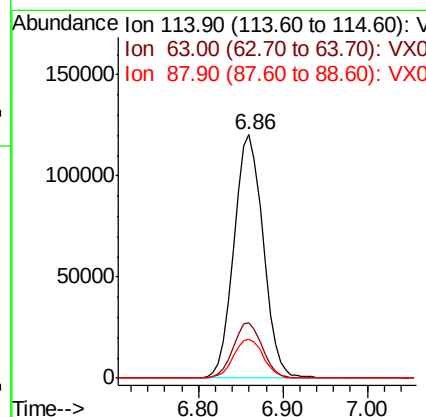
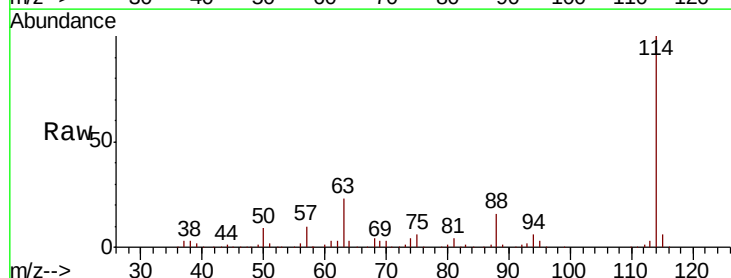
Instrument :
 MSVOA_X
 ClientSampleId :

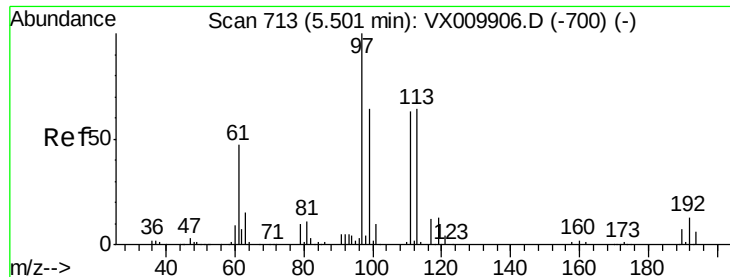
Tot Ion: 65 Resp: 117243
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010045.D
 Acq: 03 Jun 2019 18:45

Tgt Ion: 114 Resp: 283378
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.714 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010045.D

Acq: 03 Jun 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

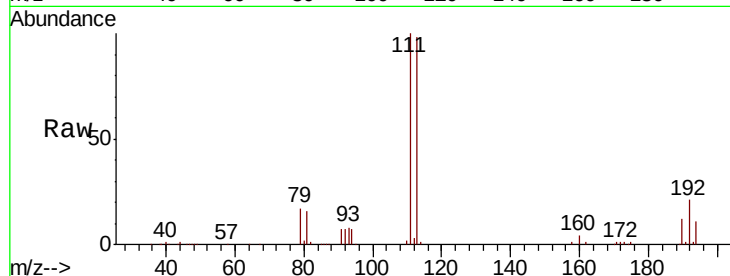
Tot Ion:113 Resp: 86789

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

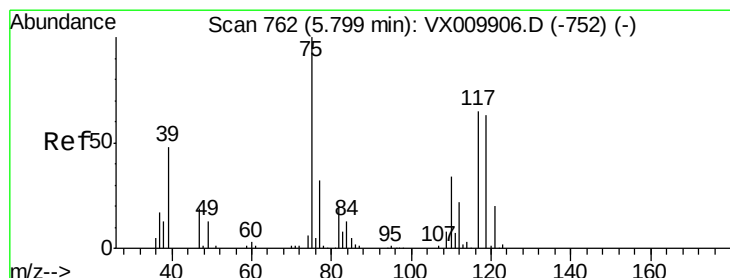
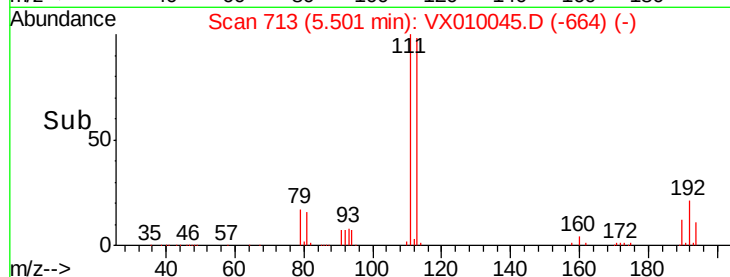
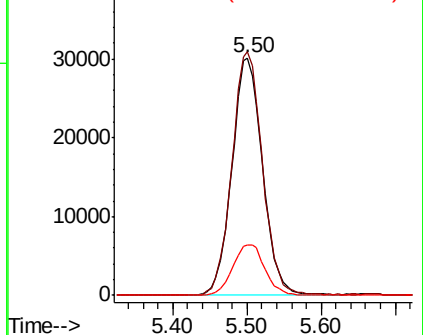
192 22.2 17.1 25.7



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: 4.782 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010045.D

Acq: 03 Jun 2019 18:45

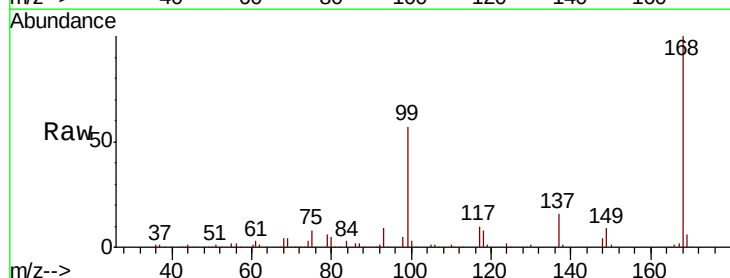
Tgt Ion: 75 Resp: 13750

Ion Ratio Lower Upper

75 100

110 8.7 16.7 50.1#

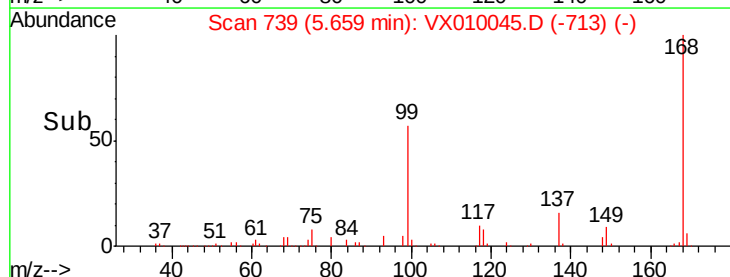
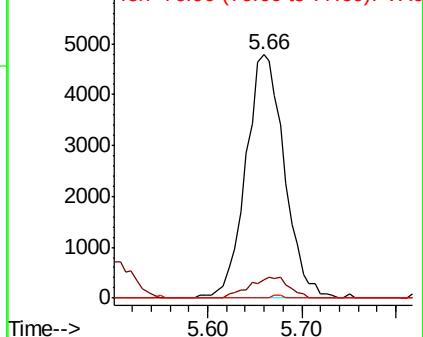
77 0.3 25.0 37.4#

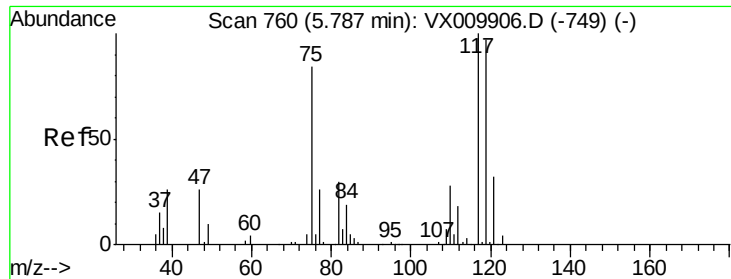


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.691 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010045.D

Acq: 03 Jun 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

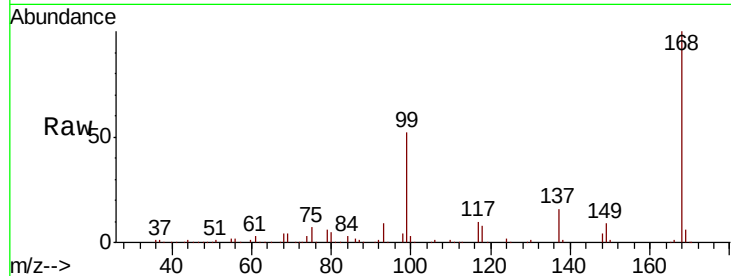
Tot Ion:117 Resp: 16623

Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

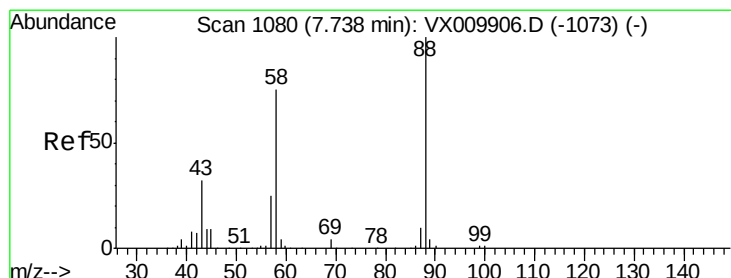
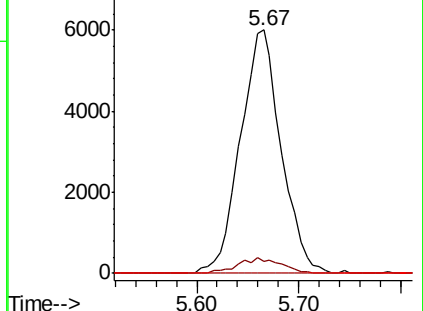
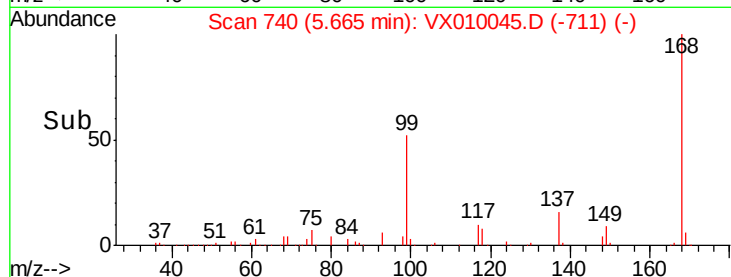
121 0.0 25.4 38.0#



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: 0.319 ug/l

RT: 7.82 min Scan# 1093

Delta R.T. 0.08 min

Lab File: VX010045.D

Acq: 03 Jun 2019 18:45

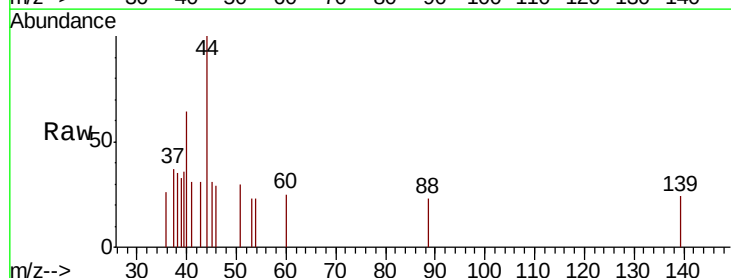
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 30.2 45.4#

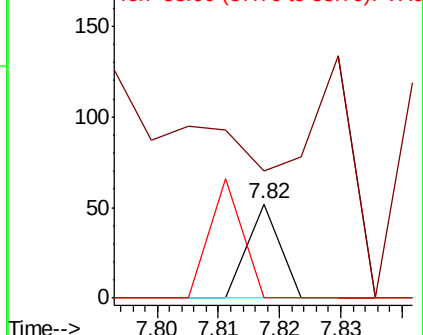
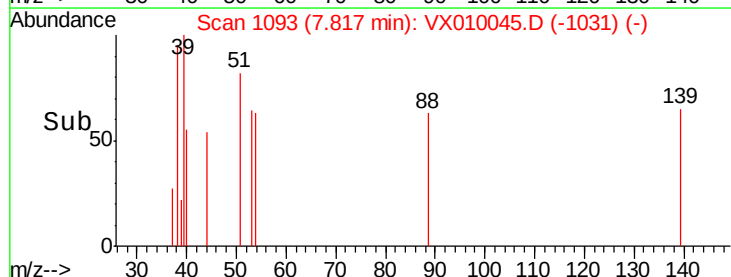
58 126.3 64.0 96.0#

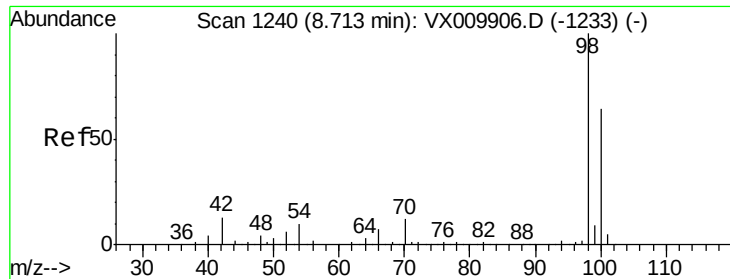


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

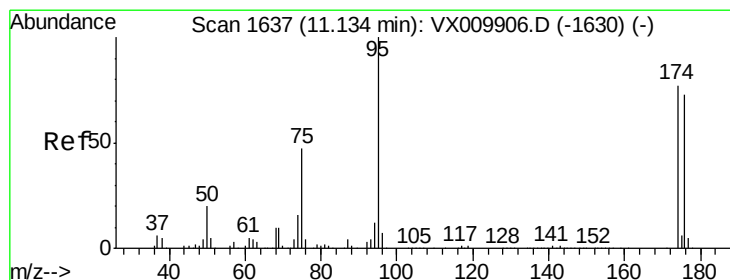
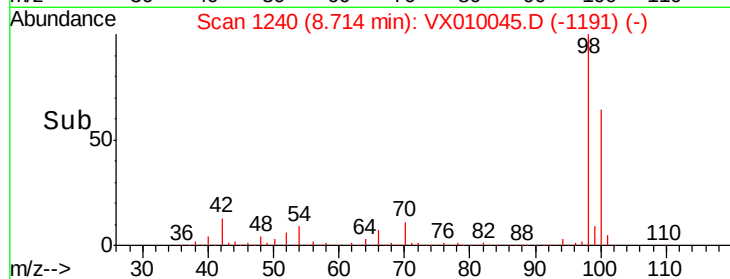
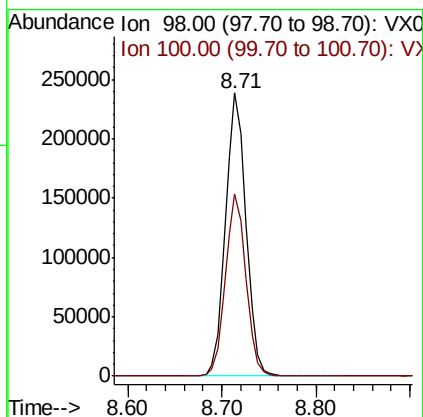
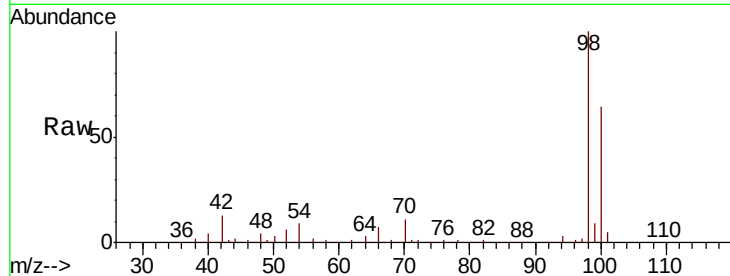




#50
Toluene-d8
Concen: 49.748 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

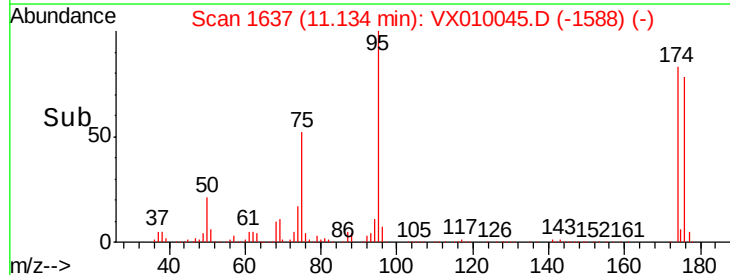
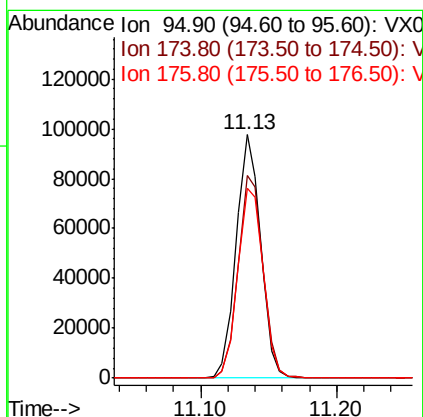
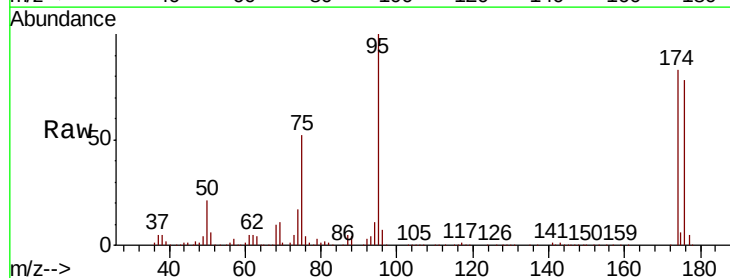
Instrument :
MSVOA_X
ClientSampled :

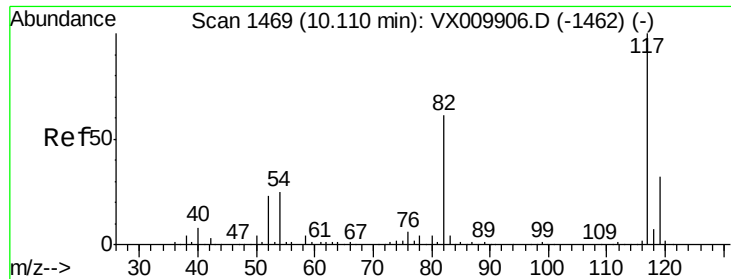
Tot Ion: 98 Resp: 359915
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.906 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

Tgt Ion: 95 Resp: 121890
Ion Ratio Lower Upper
95 100
174 85.0 0.0 160.4
176 81.6 0.0 154.6

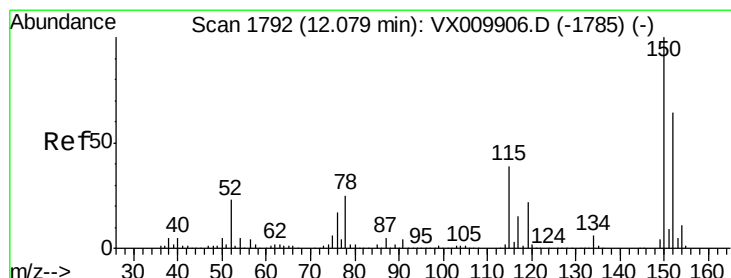
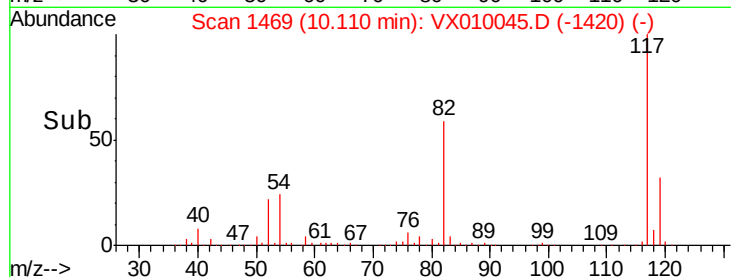
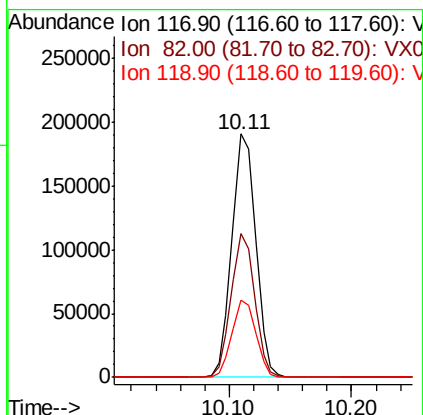
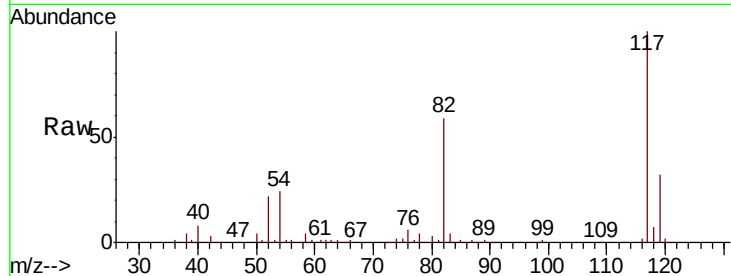




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

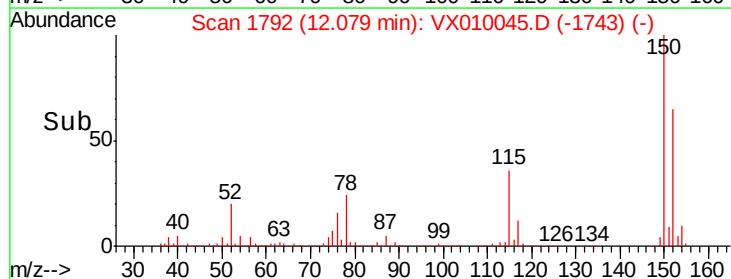
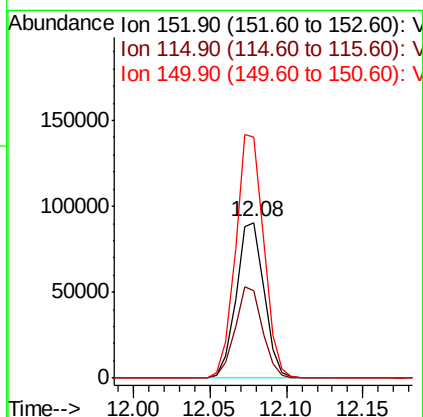
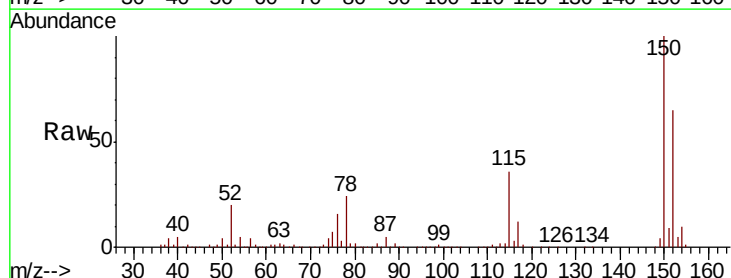
Instrument :
MSVOA_X
ClientSampled :

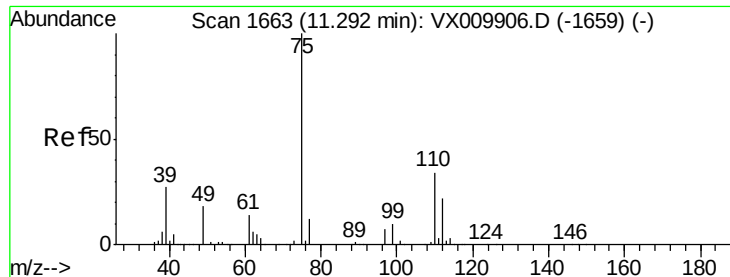
Tot Ion:117 Resp: 258288
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

Tgt Ion:152 Resp: 114605
Ion Ratio Lower Upper
152 100
115 58.0 41.4 124.2
150 157.8 0.0 345.2



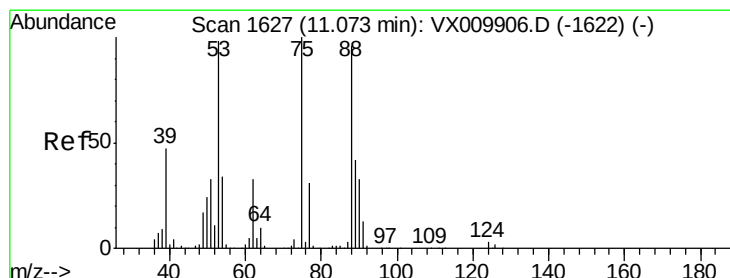
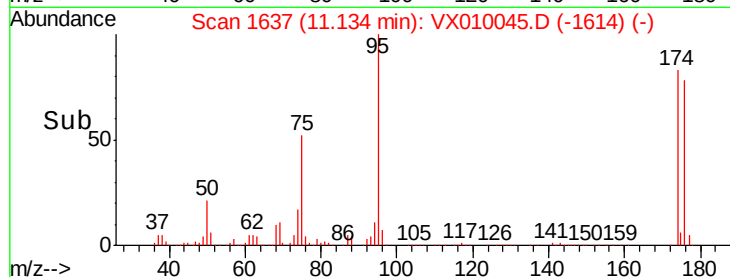
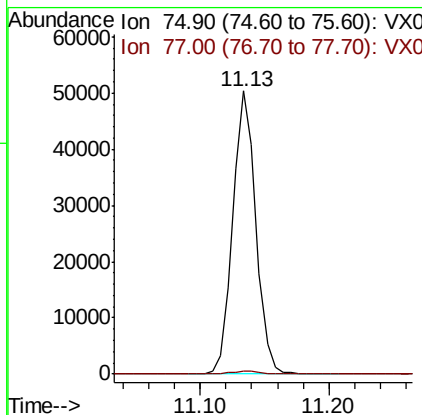
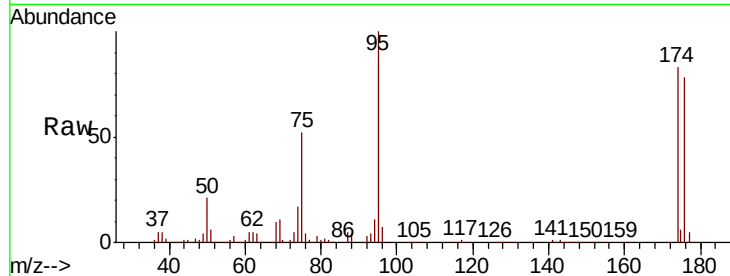


#76

1,2,3-Trichloropropane
Concen: 23.001 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 63035
Ion Ratio Lower Upper
75 100
77 1.3 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene
Concen: 56.908 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010045.D
Acq: 03 Jun 2019 18:45

Tgt Ion: 75 Resp: 63035
Ion Ratio Lower Upper
75 100
53 0.2 79.8 119.6#
89 0.0 34.2 51.4#

