

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010087.D
 Acq On : 05 Jun 2019 19:12
 Operator : JC/SP
 Sample : K3195-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:35:06 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	175707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114788	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	115708	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
35) Dibromofluoromethane	5.50	113	85900	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	357799	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.13	95	121330	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	

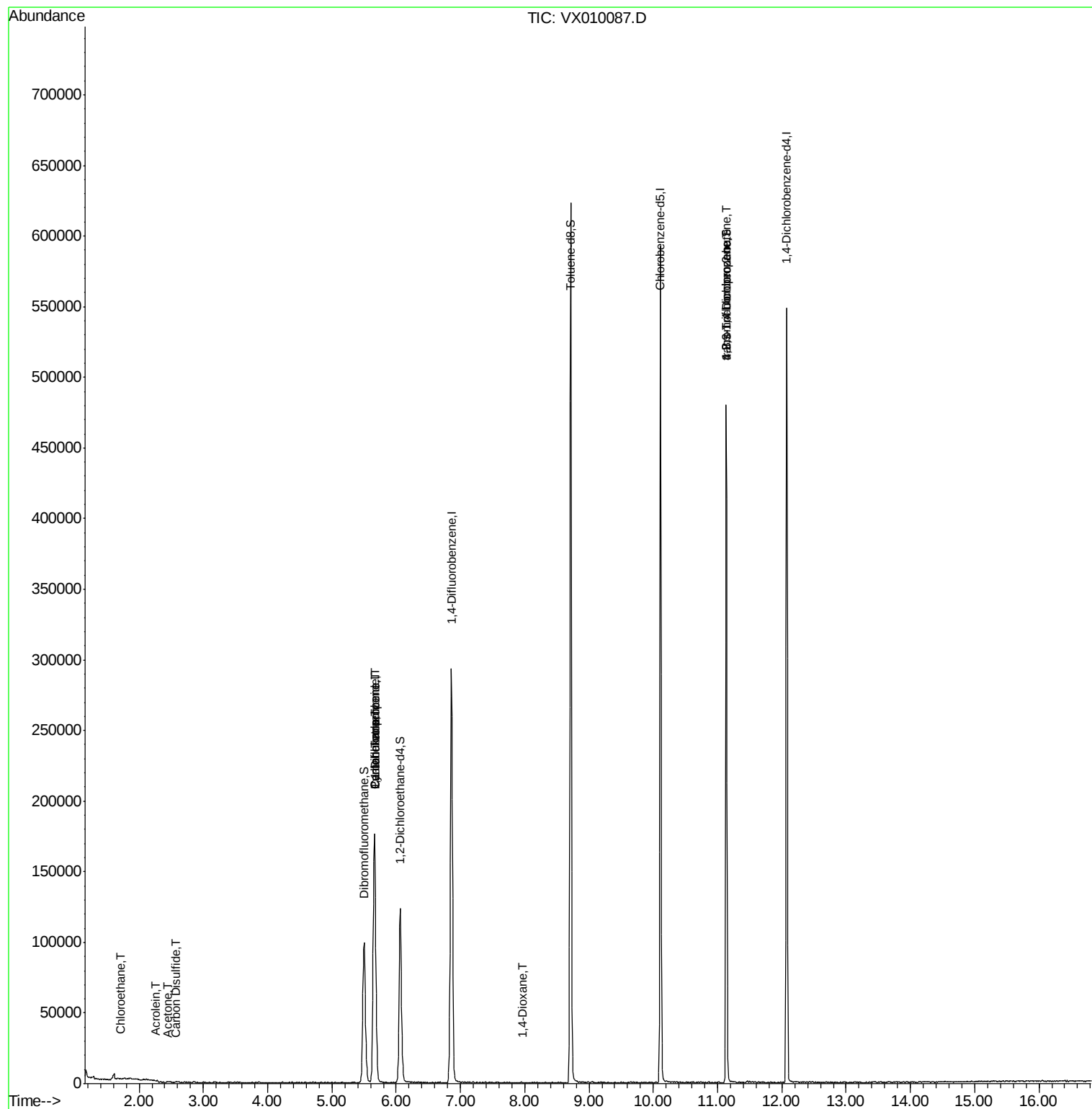
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.72	64	954	0.596	ug/l #	77
13) Acrolein	2.25	56	55	21.213	ug/l #	34
16) Acetone	2.44	43	351	0.245	ug/l #	77
17) Carbon Disulfide	2.57	76	219	0.425	ug/l #	76
31) Cyclohexane	5.66	56	3855	1.021	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13307	4.675	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16361	6.652	ug/l #	16
49) 1,4-Dioxane	7.96	88	43	0.730	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	62122	22.631	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62122	55.994	ug/l #	10

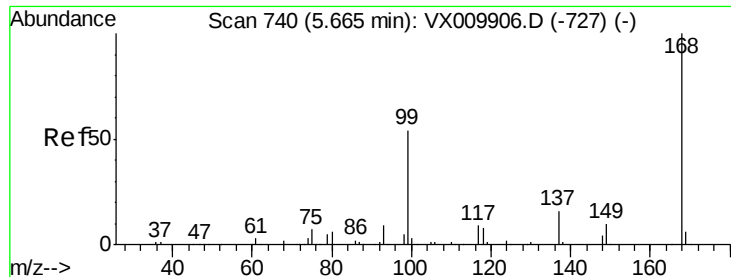
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060519\
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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: VX010087.D

Acq: 05 Jun 2019 19:12

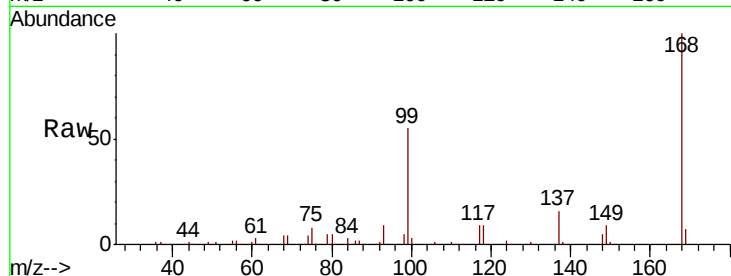
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 175707

Ion Ratio Lower Upper

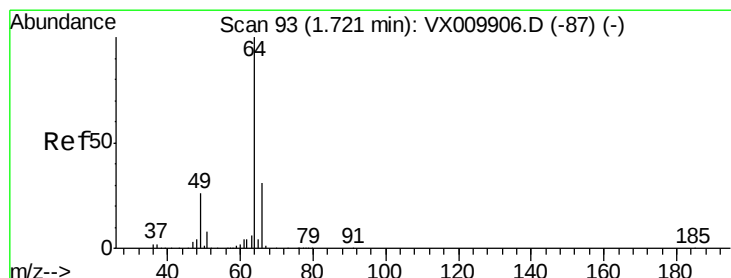
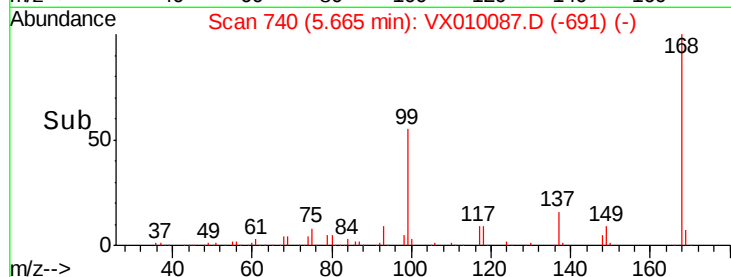
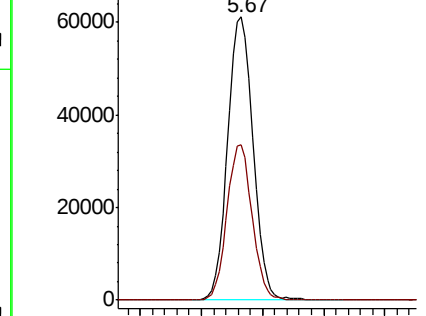
168 100

99 54.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.596 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX010087.D

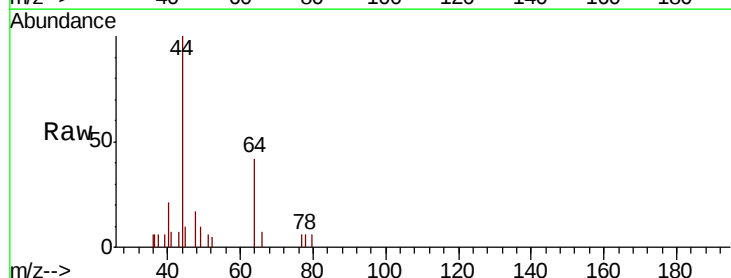
Acq: 05 Jun 2019 19:12

Tgt Ion: 64 Resp: 954

Ion Ratio Lower Upper

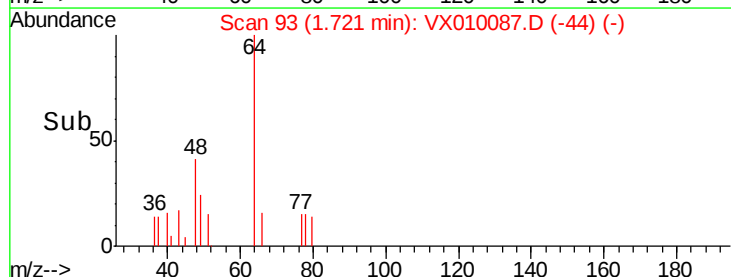
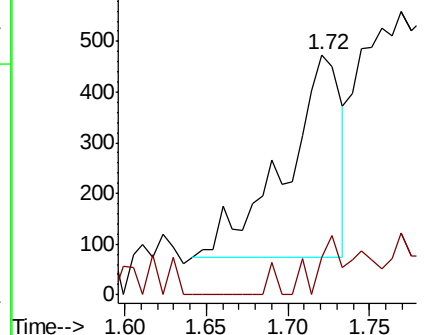
64 100

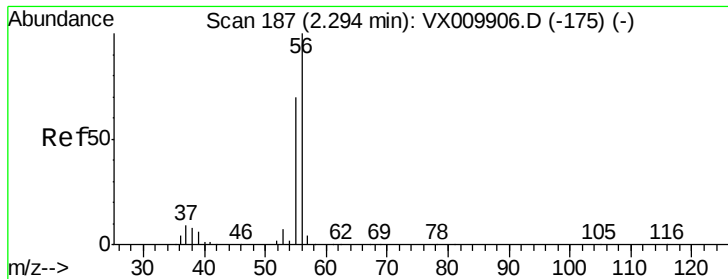
66 18.5 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#13

Acrolein

Concen: 21.213 ug/l

RT: 2.25 min Scan# 180

Delta R.T. -0.04 min

Lab File: VX010087.D

Acq: 05 Jun 2019 19:12

Instrument :

MSVOA_X

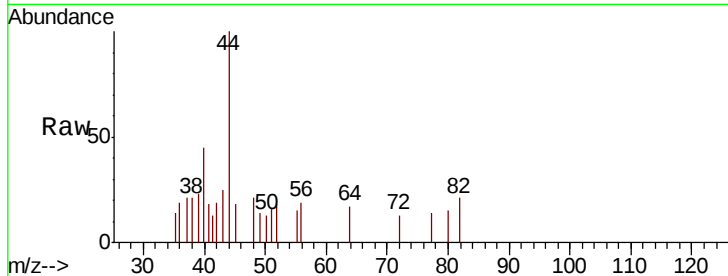
ClientSampleId :

Tot Ion: 56 Resp: 55

Ion Ratio Lower Upper

56 100

55 125.5 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

100

80

60

40

20

0

2.23

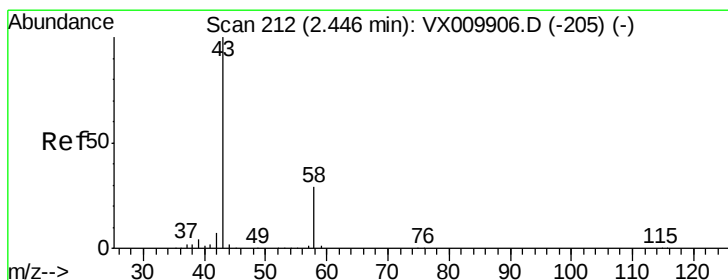
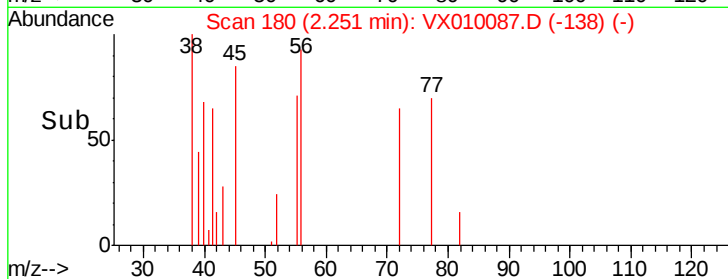
2.24

2.25

2.26

2.27

Time-->



#16

Acetone

Concen: 0.245 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010087.D

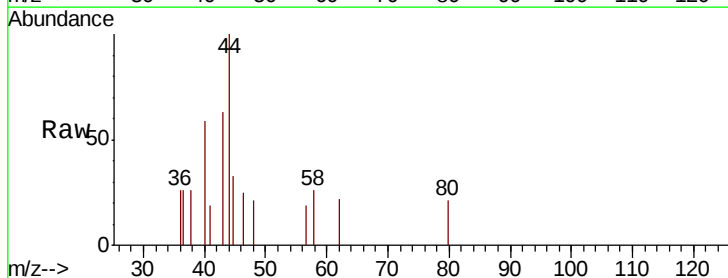
Acq: 05 Jun 2019 19:12

Tgt Ion: 43 Resp: 351

Ion Ratio Lower Upper

43 100

58 41.4 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

200

150

100

50

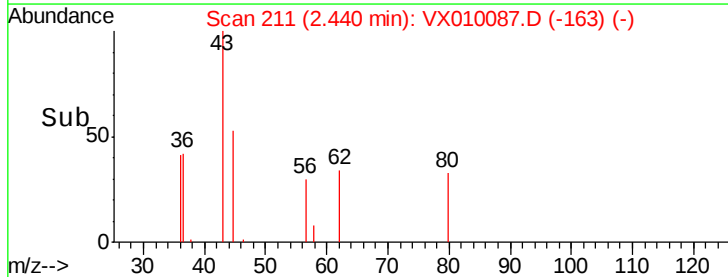
0

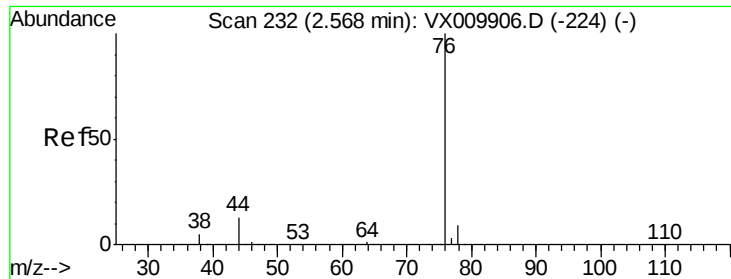
2.40

2.44

2.45

Time-->





#17

Carbon Disulfide

Concen: 0.425 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010087.D

Acq: 05 Jun 2019 19:12

Instrument :

MSVOA_X

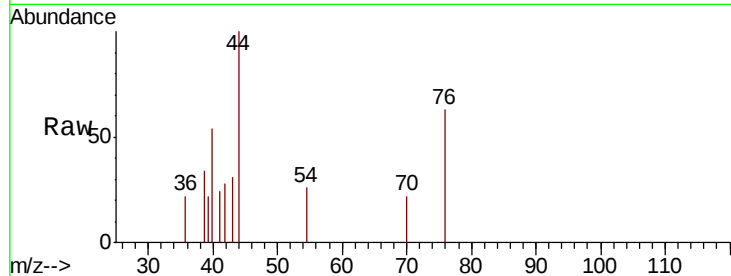
ClientSampleId :

Tot Ion: 76 Resp: 219

Ion Ratio Lower Upper

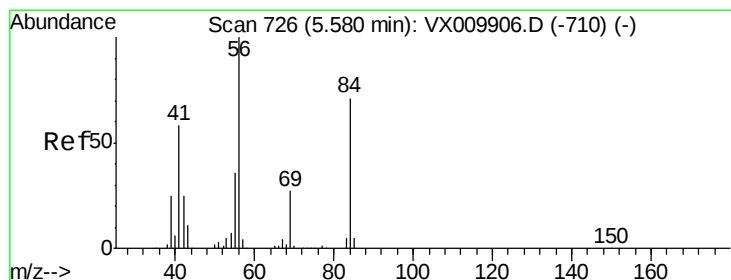
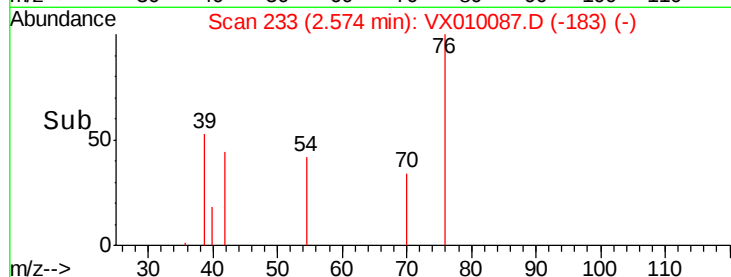
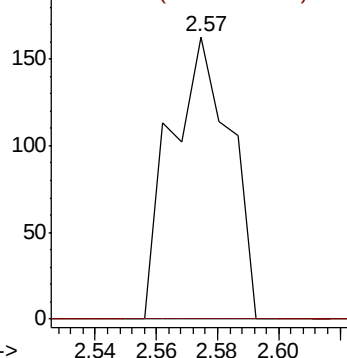
76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#31

Cyclohexane

Concen: 1.021 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX010087.D

Acq: 05 Jun 2019 19:12

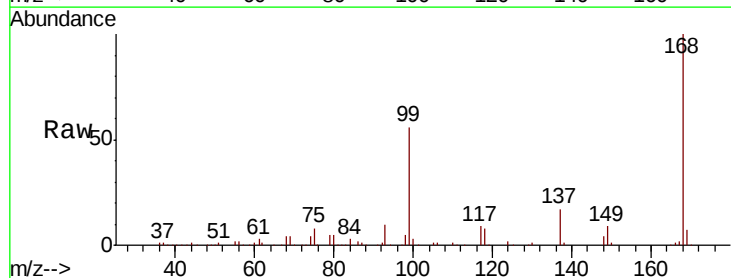
Tgt Ion: 56 Resp: 3855

Ion Ratio Lower Upper

56 100

69 163.7 21.6 32.4#

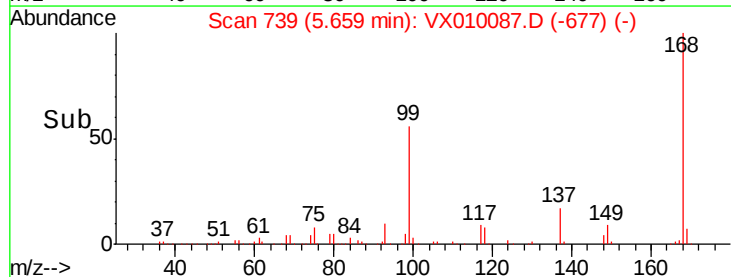
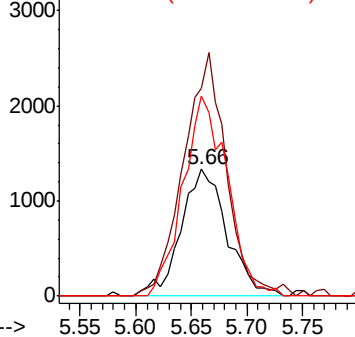
84 157.3 56.8 85.2#

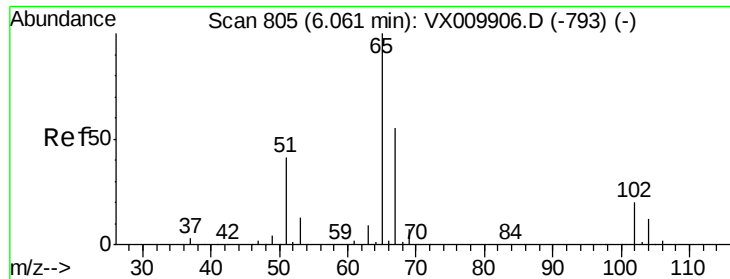


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

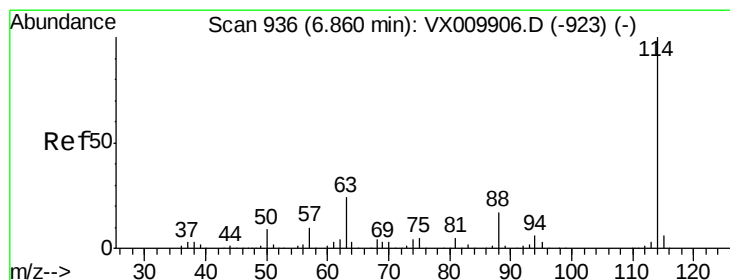
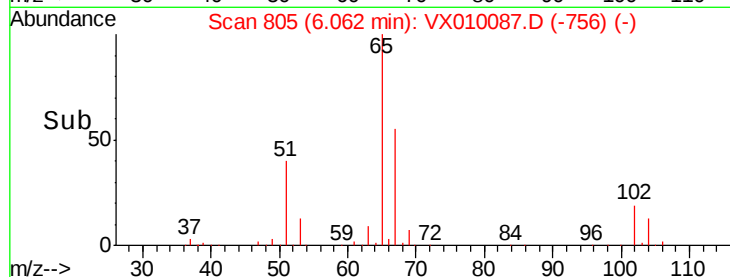
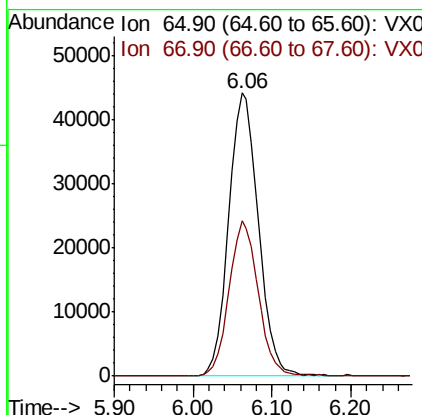
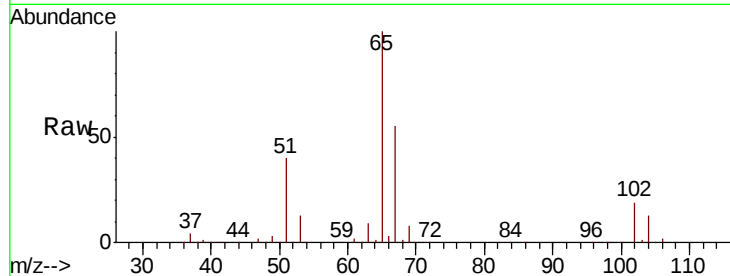




#33
 1,2-Dichloroethane-d4
 Concen: 46.619 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010087.D
 Acq: 05 Jun 2019 19:12

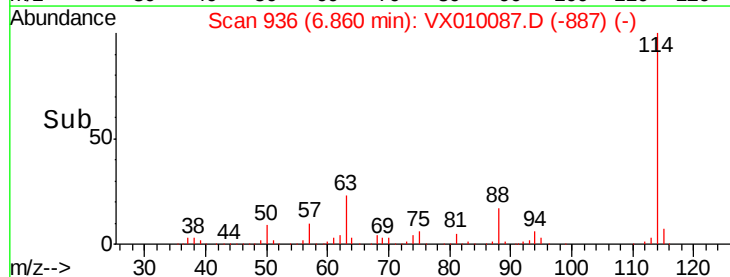
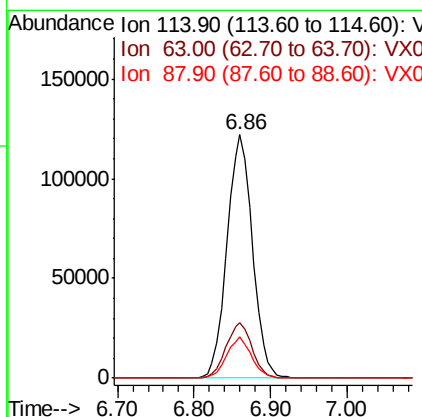
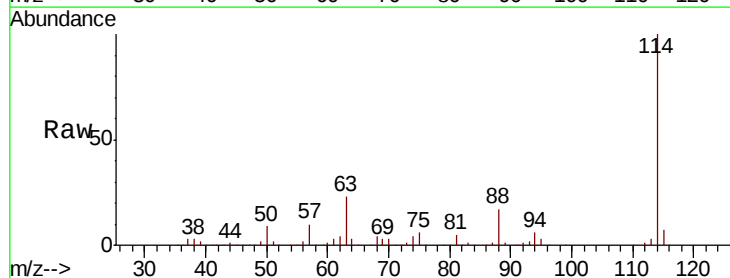
Instrument :
 MSVOA_X
 ClientSampled :

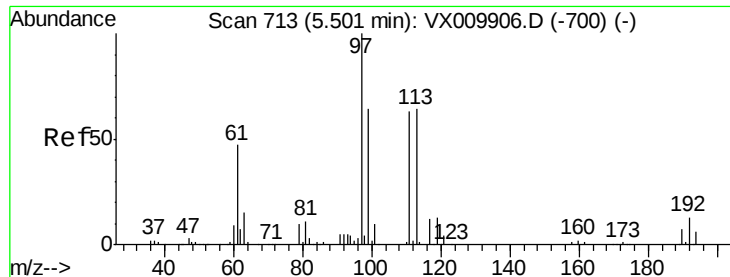
Tot Ion: 65 Resp: 115708
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010087.D
 Acq: 05 Jun 2019 19:12

Tgt Ion: 114 Resp: 280526
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 16.8 0.0 33.0

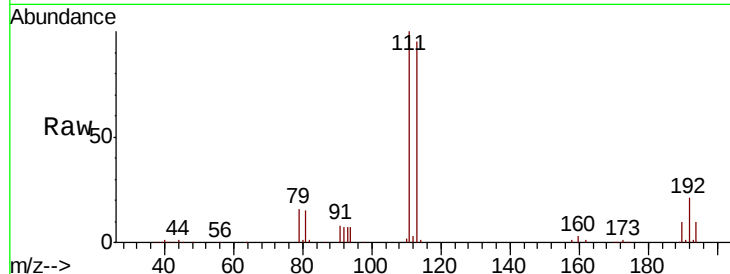




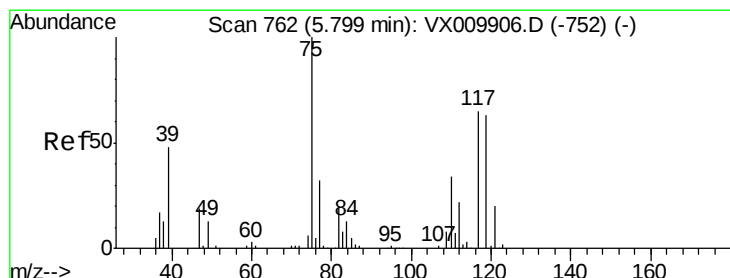
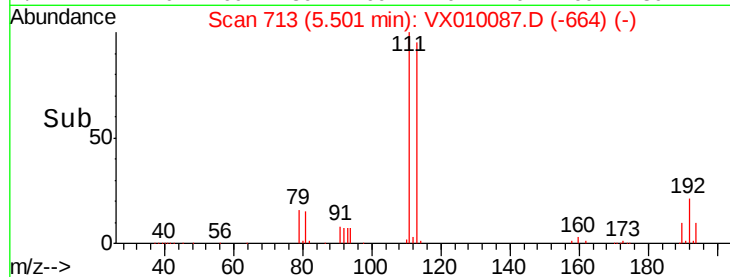
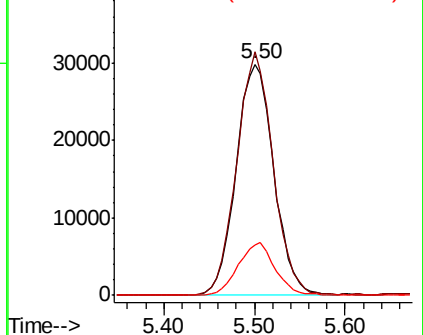
#35
 Dibromofluoromethane
 Concen: 48.705 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010087.D
 Acq: 05 Jun 2019 19:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 85900
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 22.3 17.1 25.7

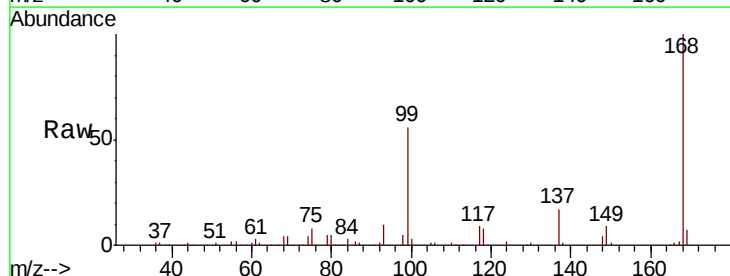


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

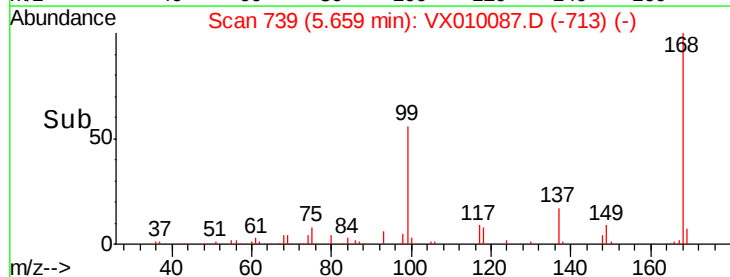
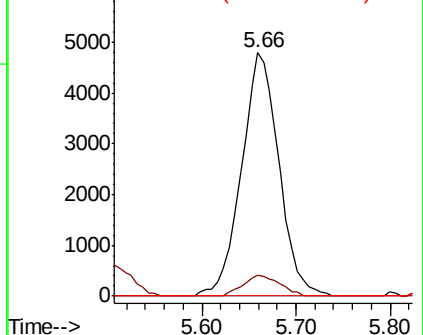


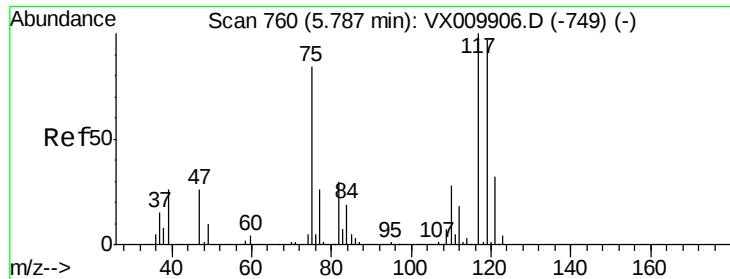
#36
 1,1-Dichloropropene
 Concen: 4.675 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010087.D
 Acq: 05 Jun 2019 19:12

Tgt Ion: 75 Resp: 13307
 Ion Ratio Lower Upper
 75 100
 110 8.4 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: 6.652 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010087.D

Acq: 05 Jun 2019 19:12

Instrument :

MSVOA_X

ClientSampled :

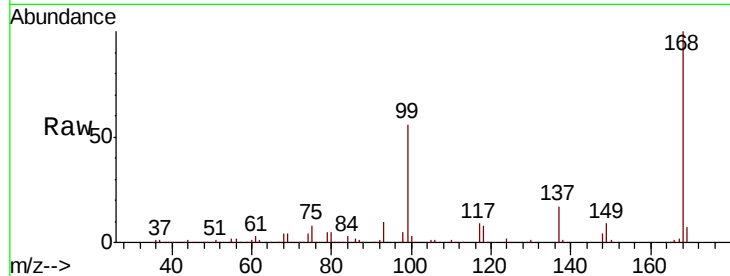
Tot Ion:117 Resp: 16361

Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

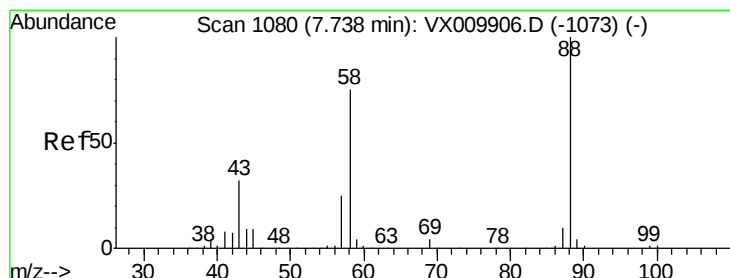
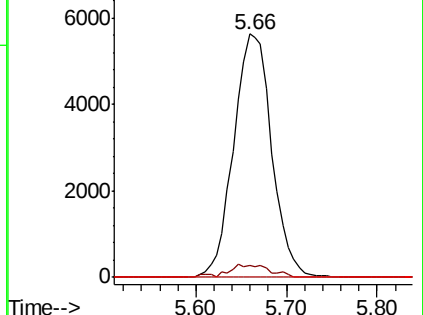
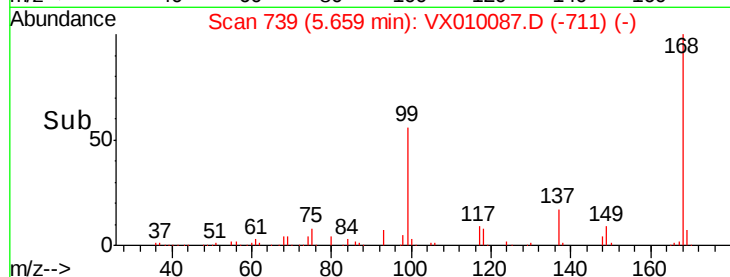
121 0.0 25.4 38.0#



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: 0.730 ug/l

RT: 7.96 min Scan# 1117

Delta R.T. 0.23 min

Lab File: VX010087.D

Acq: 05 Jun 2019 19:12

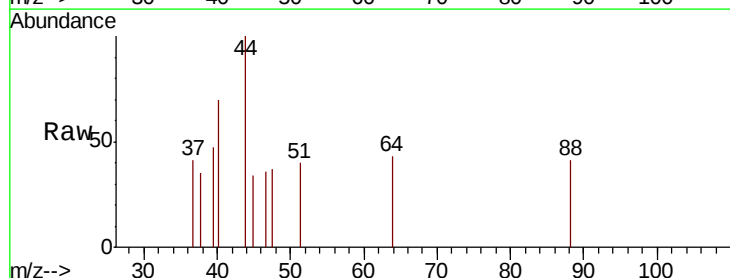
Tgt Ion: 88 Resp: 43

Ion Ratio Lower Upper

88 100

43 311.6 30.2 45.4#

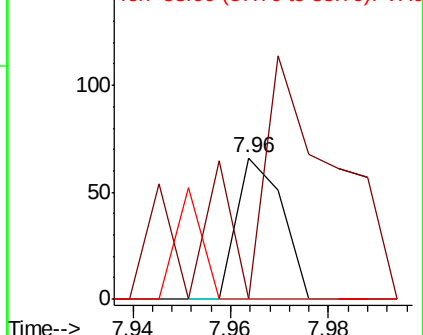
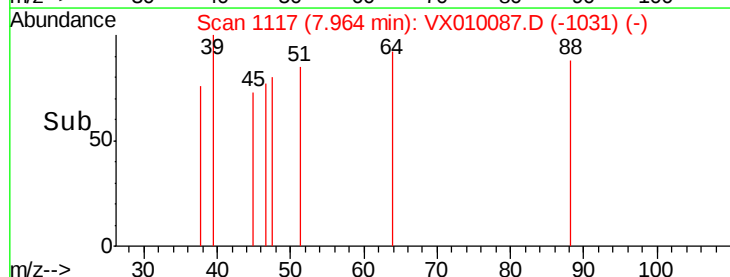
58 0.0 64.0 96.0#

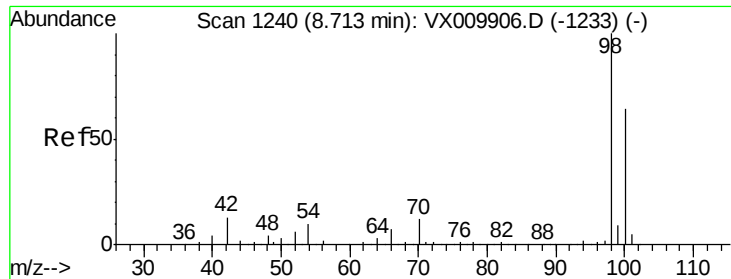


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

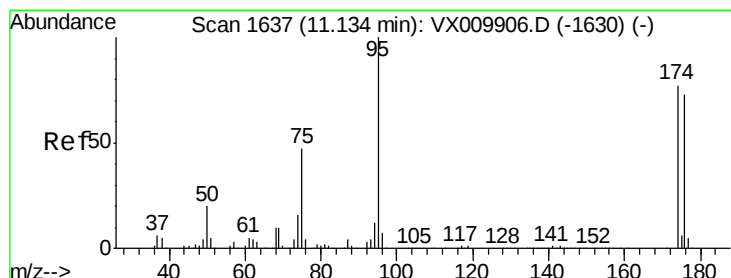
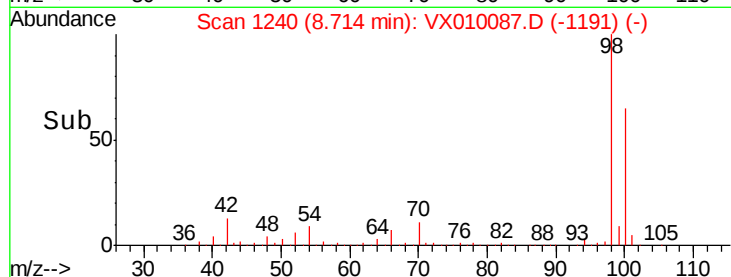
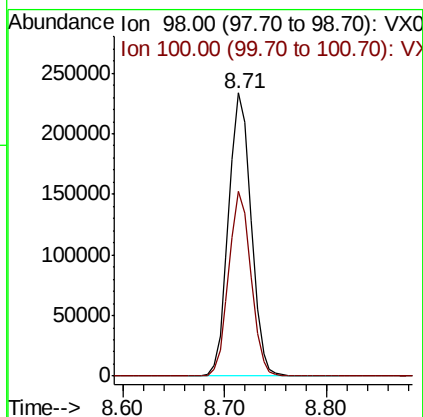
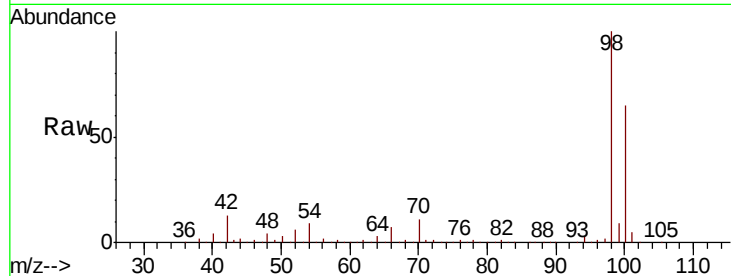




#50
Toluene-d8
Concen: 49.959 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010087.D
Acq: 05 Jun 2019 19:12

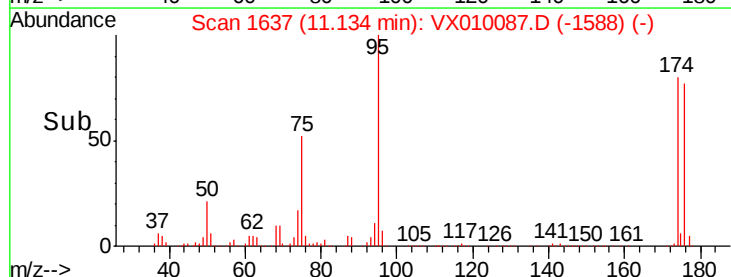
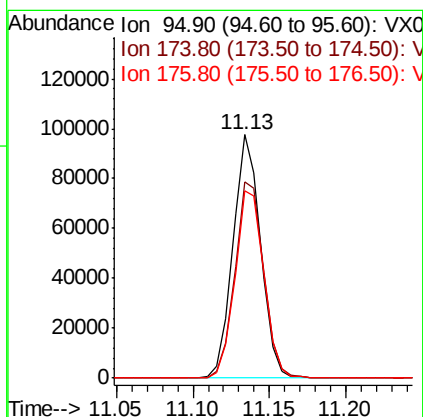
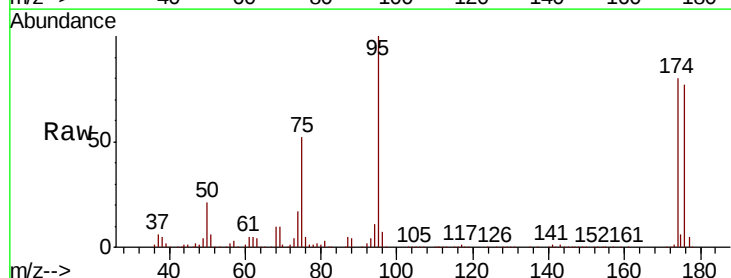
Instrument :
MSVOA_X
ClientSampleId :

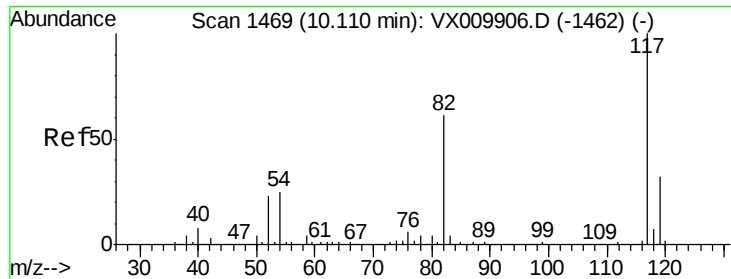
Tot Ion: 98 Resp: 357799
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.166 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010087.D
Acq: 05 Jun 2019 19:12

Tgt Ion: 95 Resp: 121330
Ion Ratio Lower Upper
95 100
174 84.4 0.0 160.4
176 81.1 0.0 154.6

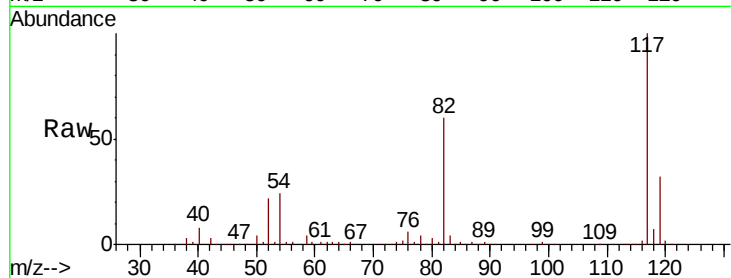




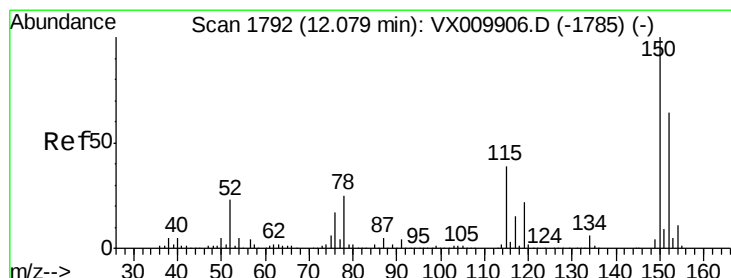
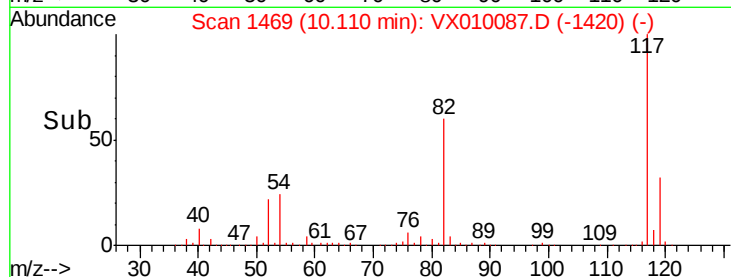
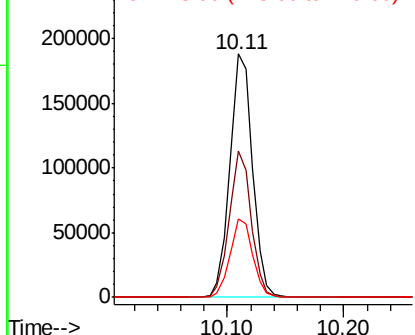
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010087.D
Acq: 05 Jun 2019 19:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 255548
Ion Ratio Lower Upper
117 100
82 60.0 49.2 73.8
119 32.3 25.2 37.8

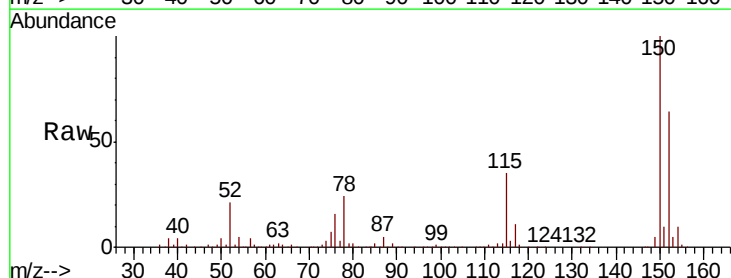


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

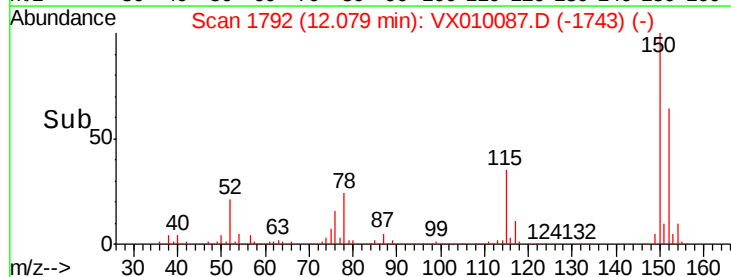
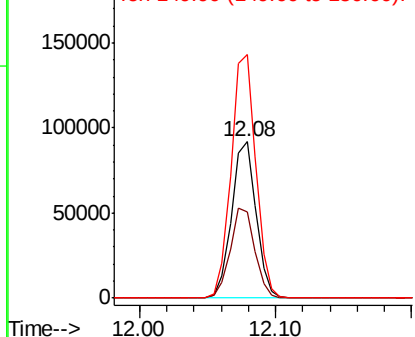


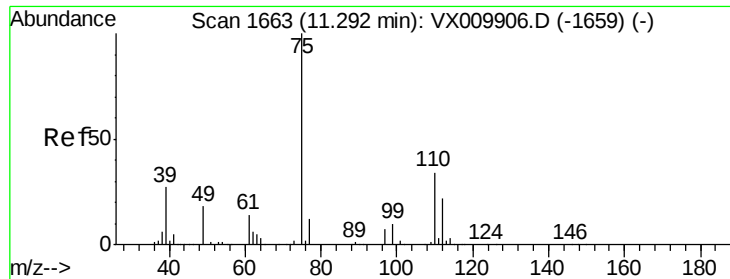
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010087.D
Acq: 05 Jun 2019 19:12

Tgt Ion:152 Resp: 114788
Ion Ratio Lower Upper
152 100
115 58.0 41.4 124.2
150 157.7 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: 22.631 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010087.D

Acq: 05 Jun 2019 19:12

Instrument :

MSVOA_X

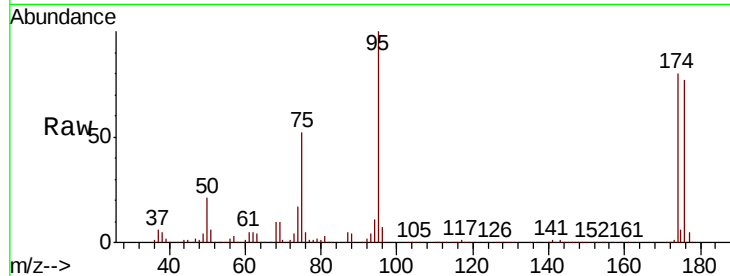
ClientSampled :

Tot Ion: 75 Resp: 62122

Ion Ratio Lower Upper

75 100

77 1.3 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

60000

50000

40000

30000

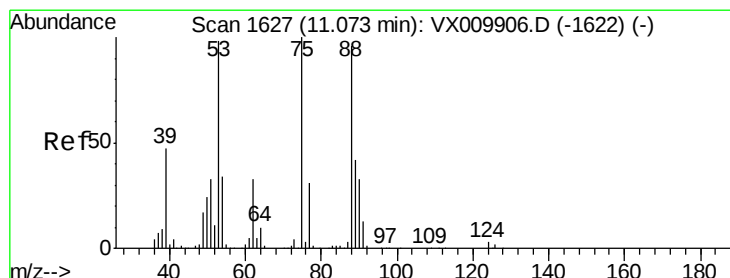
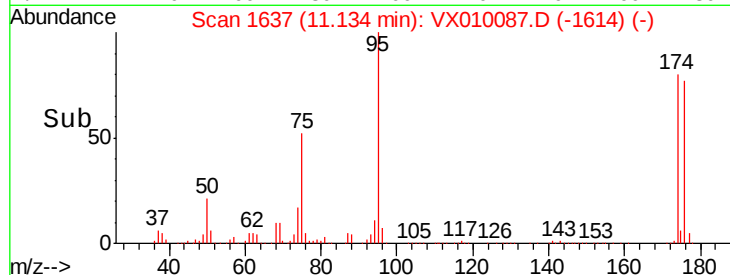
20000

10000

0

Time-->

11.10 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 55.994 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010087.D

Acq: 05 Jun 2019 19:12

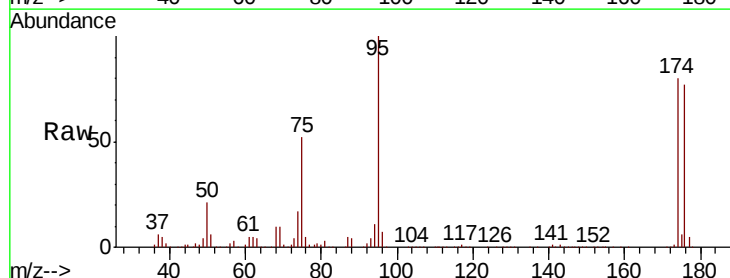
Tgt Ion: 75 Resp: 62122

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

60000

40000

20000

0

Time-->

11.10 11.20

