

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010053.D
 Acq On : 04 Jun 2019 11:29
 Operator : JC/SP
 Sample : VX0604WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:17:31 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	181721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117711	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	128459	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	5.50	113	93609	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
50) Toluene-d8	8.71	98	391375	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	11.13	95	132634	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	

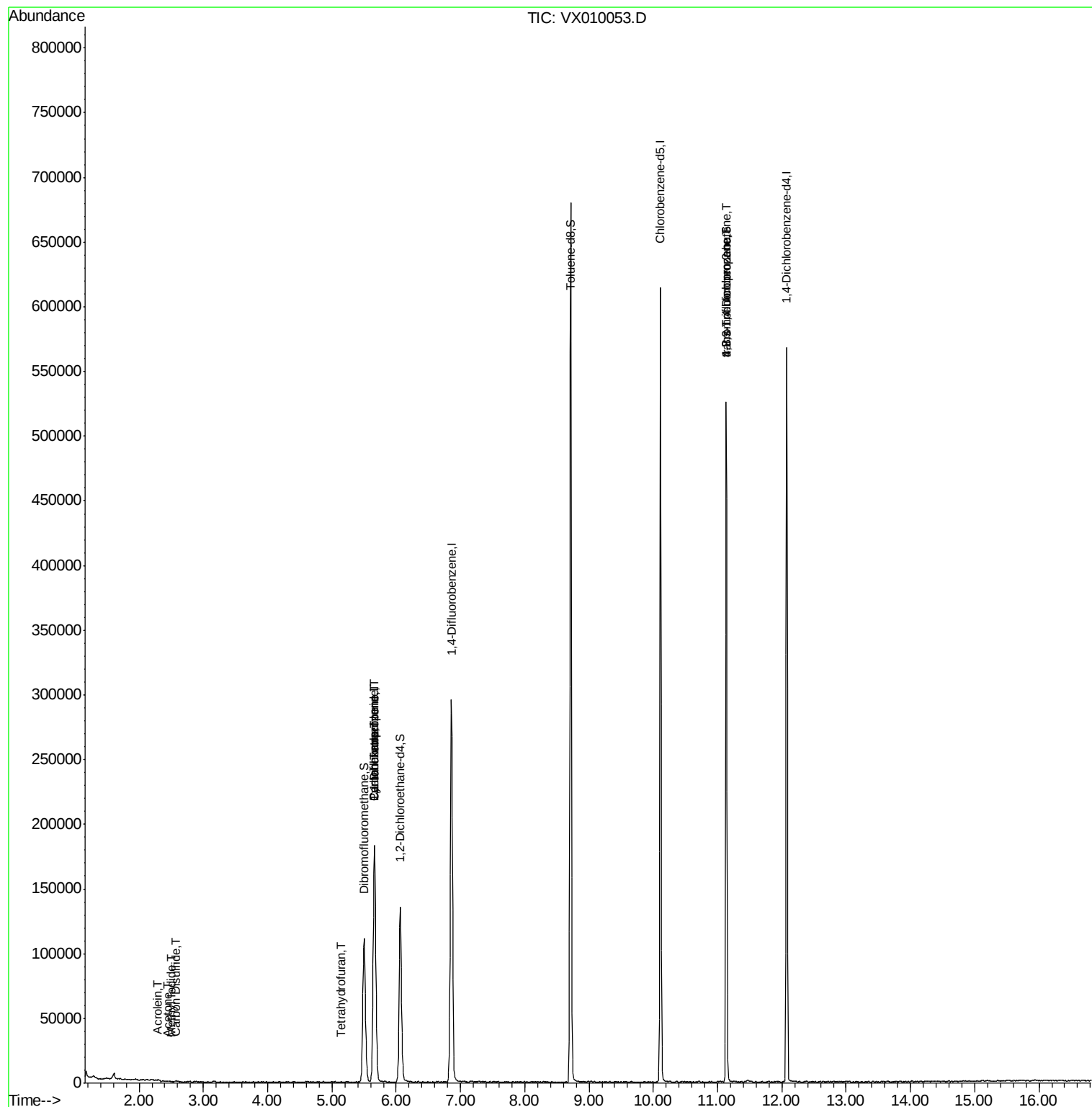
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	161	4.722	ug/l #	42
13) Acrolein	2.29	56	343	21.798	ug/l	92
16) Acetone	2.45	43	453	0.305	ug/l #	89
17) Carbon Disulfide	2.57	76	903	0.545	ug/l #	81
29) Tetrahydrofuran	5.14	42	308	0.208	ug/l #	58
31) Cyclohexane	5.66	56	4054	1.038	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13656	4.657	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16723	6.600	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	68465	24.323	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	68465	60.179	ug/l #	10

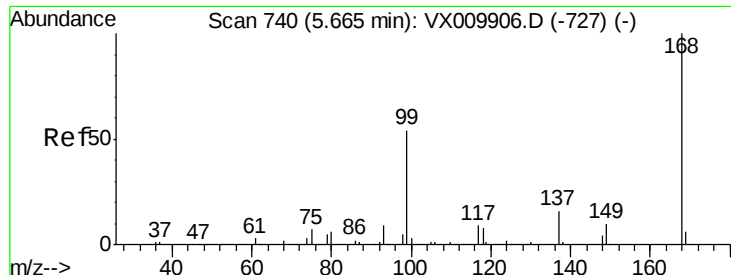
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060419\
Data File : VX010053.D
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MSVOA_X
ClientSampleId :

Quant Time: Jun 05 07:17:31 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: VX010053.D

Acq: 04 Jun 2019 11:29

Instrument :

MSVOA_X

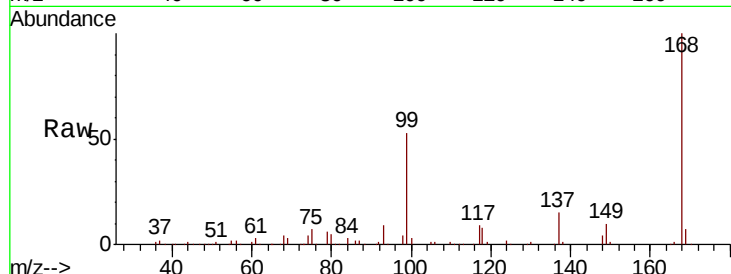
ClientSampled :

Tot Ion:168 Resp: 181721

Ion Ratio Lower Upper

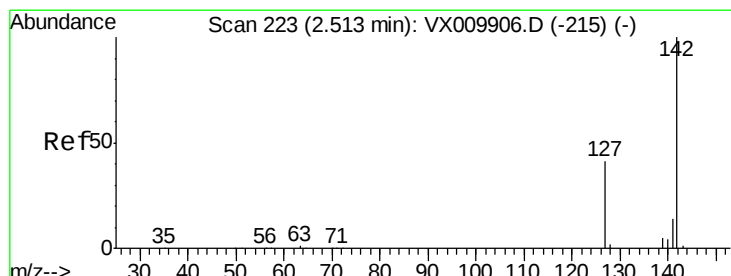
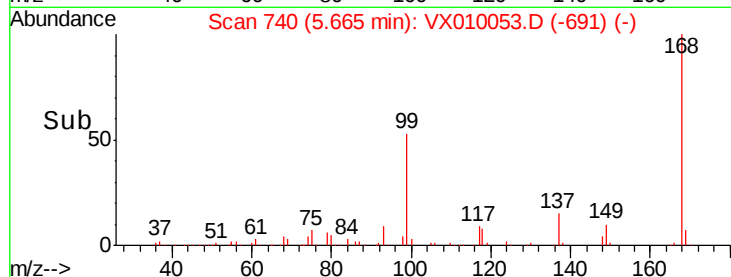
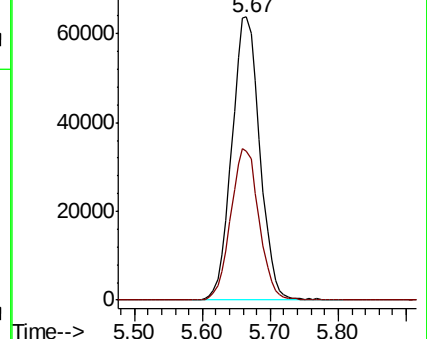
168 100

99 52.6 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: 4.722 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX010053.D

Acq: 04 Jun 2019 11:29

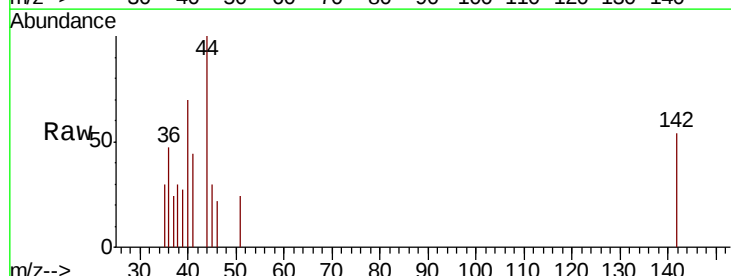
Tgt Ion:142 Resp: 161

Ion Ratio Lower Upper

142 100

127 0.0 33.0 49.4#

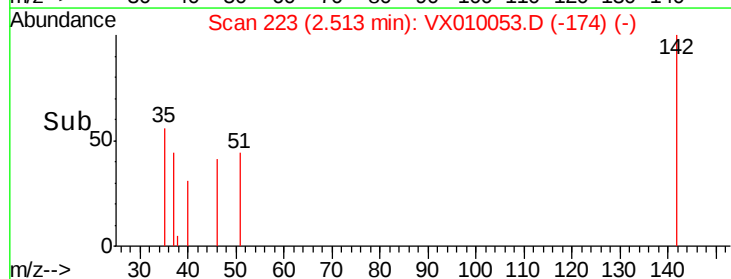
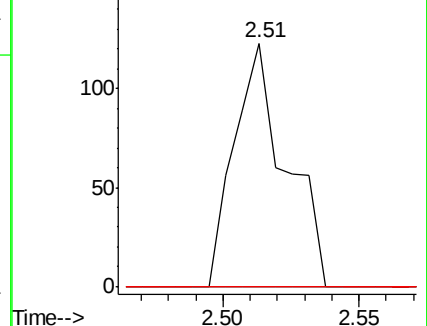
141 0.0 11.4 17.0#

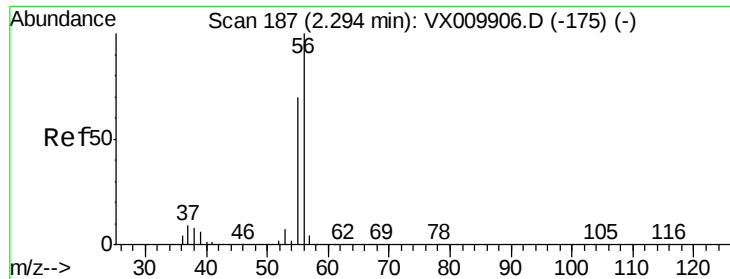


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 21.798 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010053.D

Acq: 04 Jun 2019 11:29

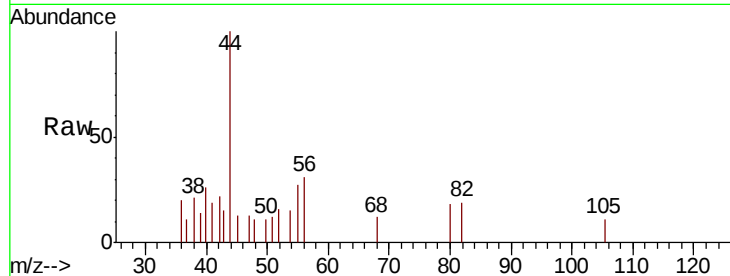
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 343

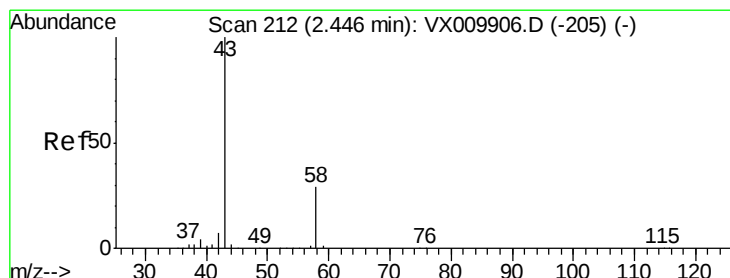
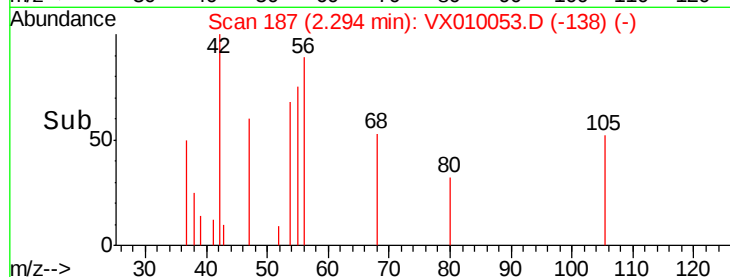
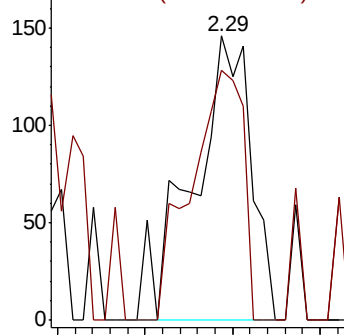
Ion Ratio Lower Upper

56 100

55 77.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.305 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010053.D

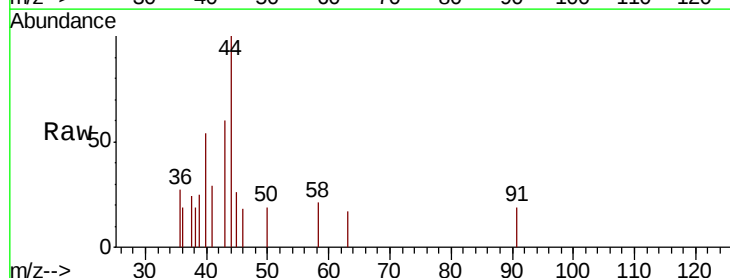
Acq: 04 Jun 2019 11:29

Tgt Ion: 43 Resp: 453

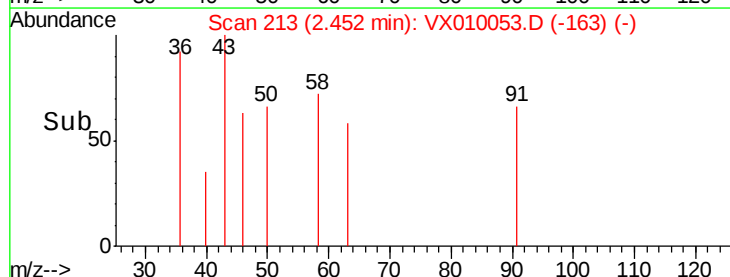
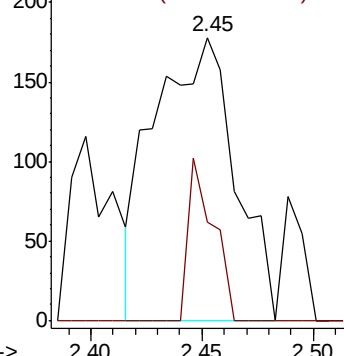
Ion Ratio Lower Upper

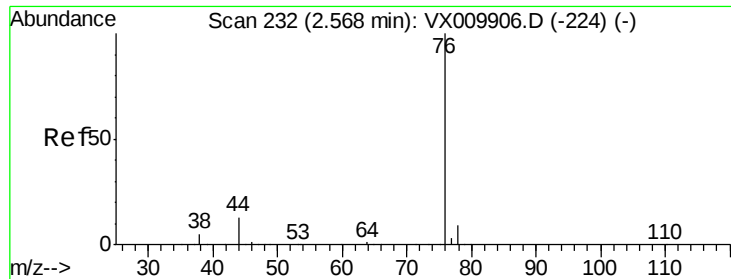
43 100

58 34.8 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.545 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010053.D

Acq: 04 Jun 2019 11:29

Instrument :

MSVOA_X

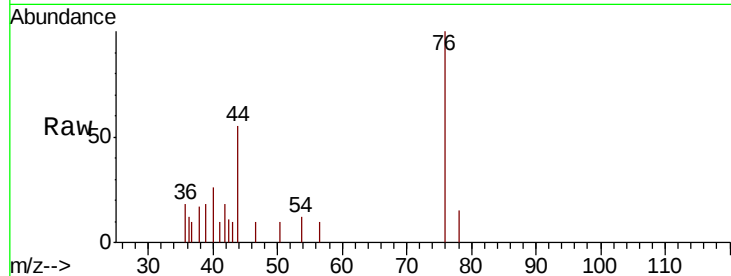
ClientSampled :

Tot Ion: 76 Resp: 903

Ion Ratio Lower Upper

76 100

78 15.5 7.0 10.6#

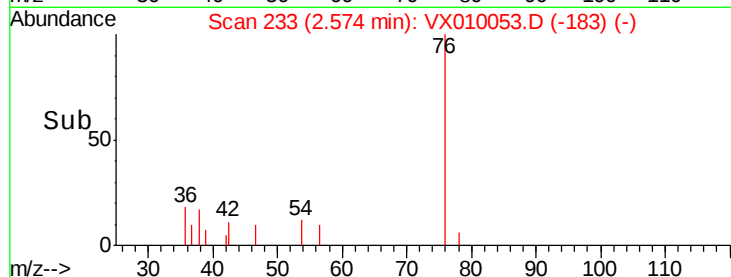


Abundance Ion 75.90 (75.60 to 76.60): VX0

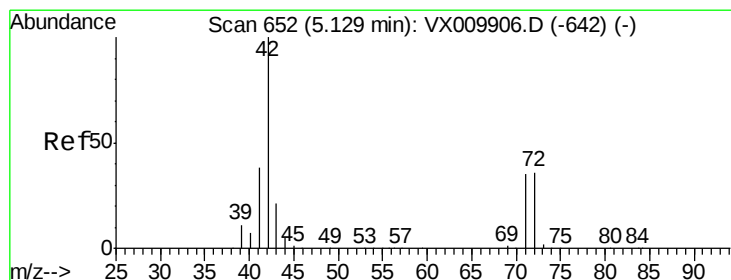
Ion 77.90 (77.60 to 78.60): VX0

2.57

Time-->



Time-->



#29

Tetrahydrofuran

Concen: 0.208 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX010053.D

Acq: 04 Jun 2019 11:29

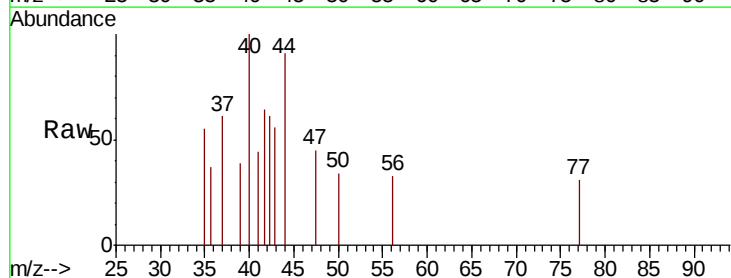
Tgt Ion: 42 Resp: 308

Ion Ratio Lower Upper

42 100

72 14.6 29.2 43.8#

71 7.1 27.6 41.4#



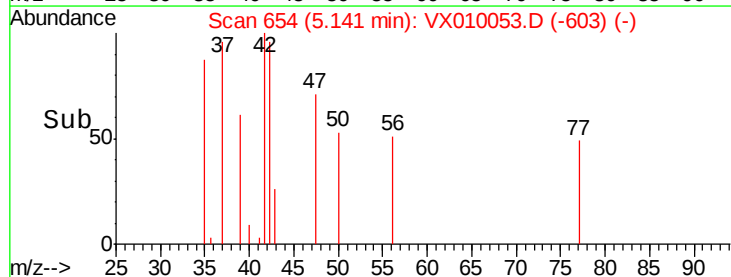
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

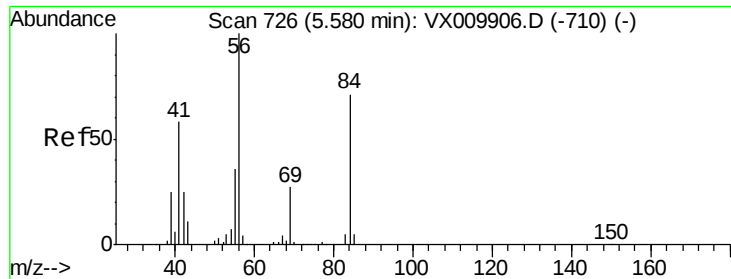
Ion 71.00 (70.70 to 71.70): VX0

5.14

Time-->



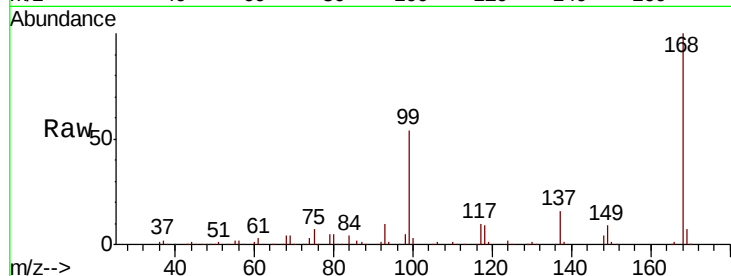
Time-->



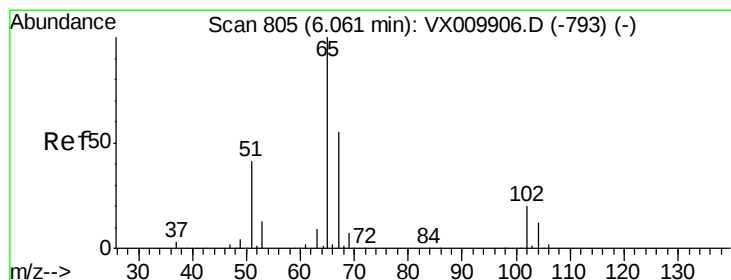
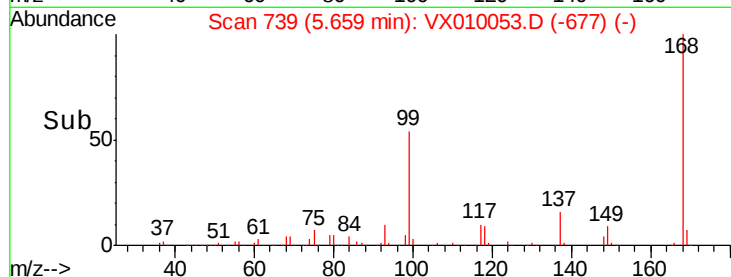
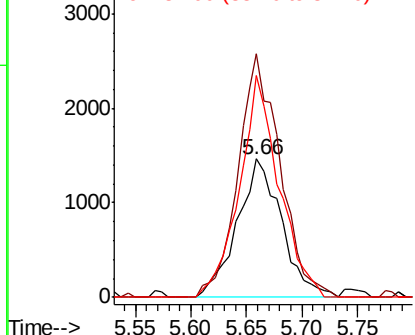
#31
Cyclohexane
Concen: 1.038 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX010053.D
Acq: 04 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 4054
Ion Ratio Lower Upper
56 100
69 176.2 21.6 32.4#
84 160.9 56.8 85.2#

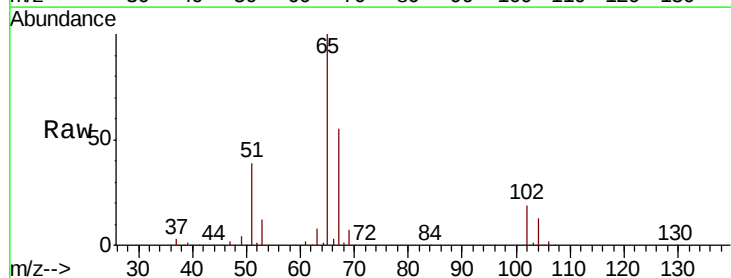


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

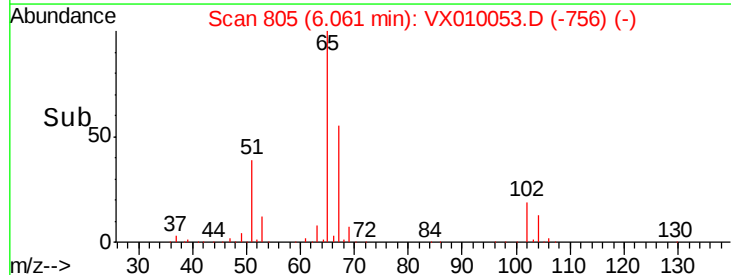
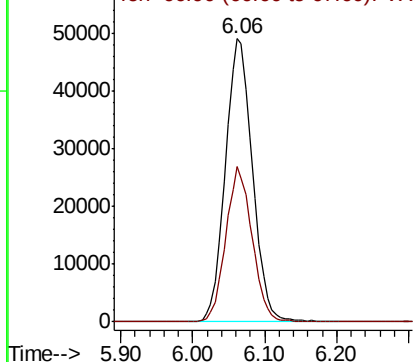


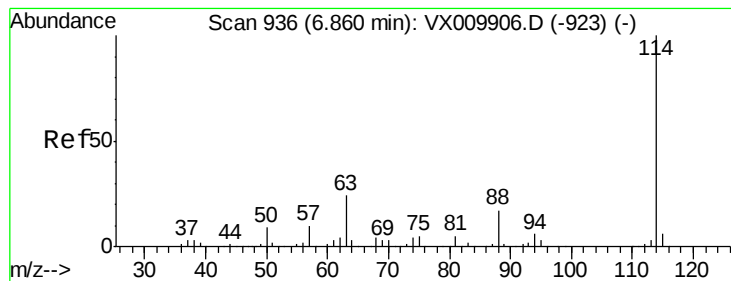
#33
1,2-Dichloroethane-d4
Concen: 50.043 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010053.D
Acq: 04 Jun 2019 11:29

Tgt Ion: 65 Resp: 128459
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010053.D

Acq: 04 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

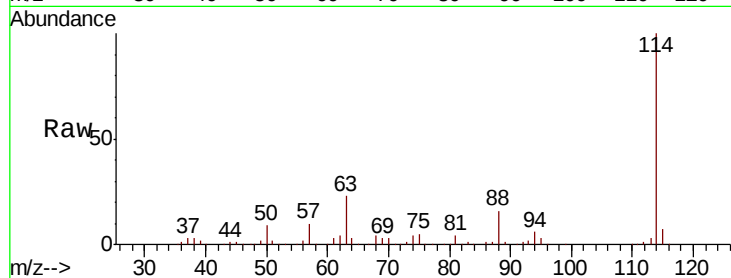
Tot Ion:114 Resp: 288983

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.4

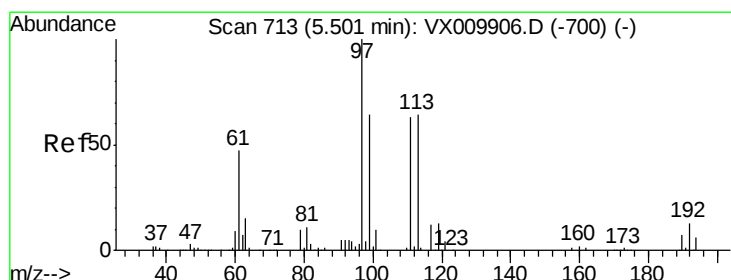
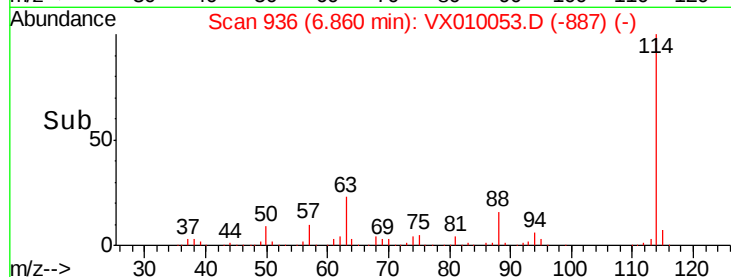
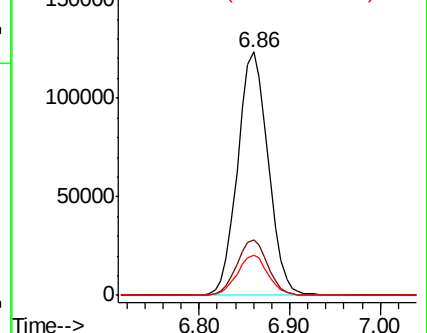
88 16.3 0.0 33.0



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: 51.523 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010053.D

Acq: 04 Jun 2019 11:29

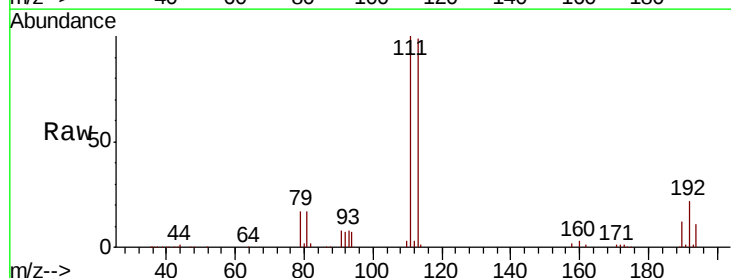
Tgt Ion:113 Resp: 93609

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

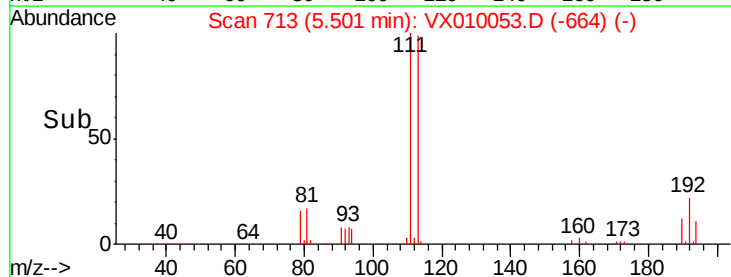
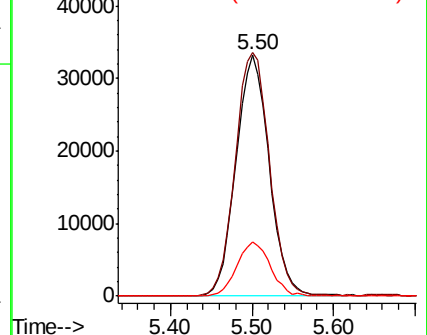
192 22.6 17.1 25.7

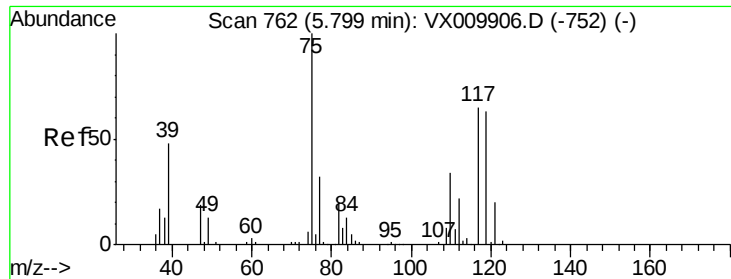


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

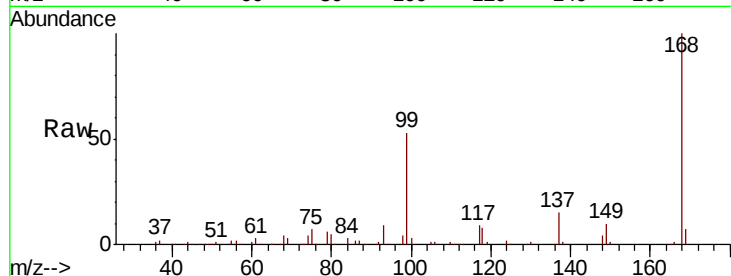




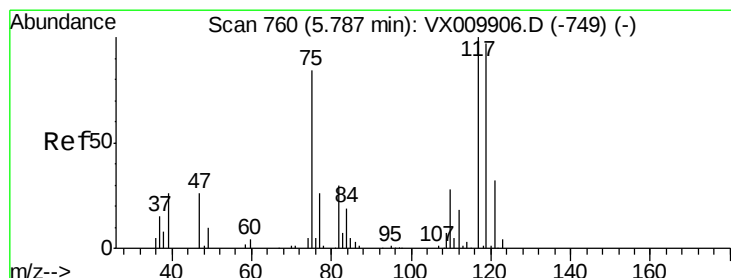
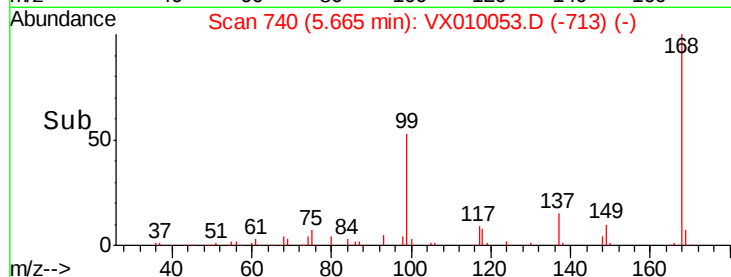
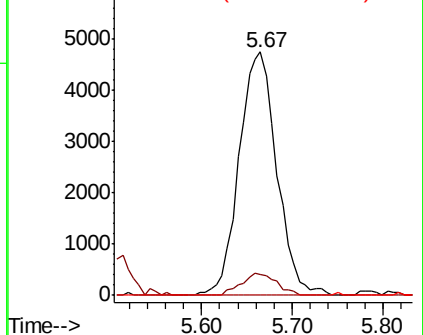
#36
 1,1-Dichloropropene
 Concen: 4.657 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010053.D
 Acq: 04 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.7	50.1#
77	0.0	25.0	37.4#

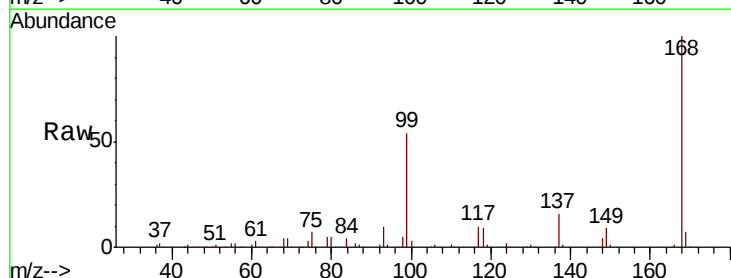


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

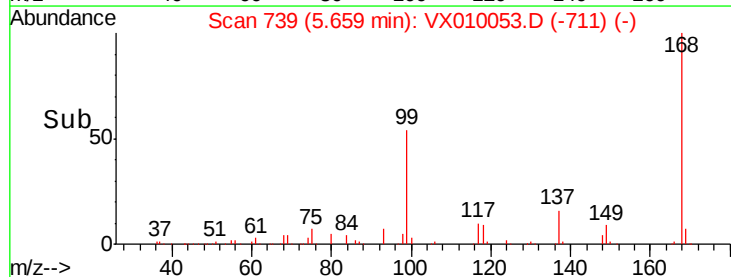
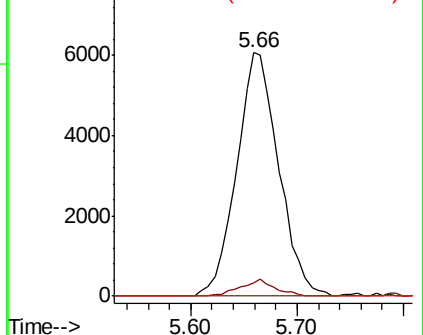


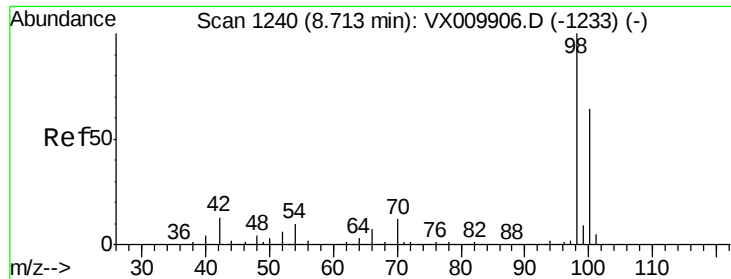
#38
 Carbon Tetrachloride
 Concen: 6.600 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010053.D
 Acq: 04 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	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

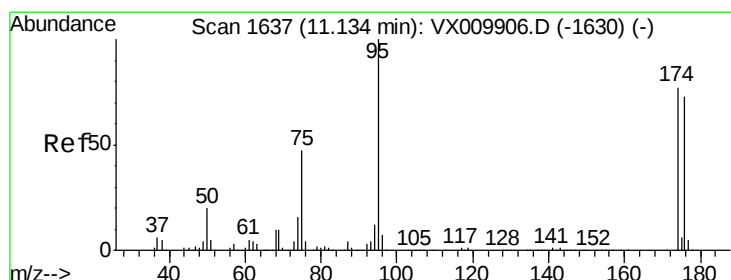
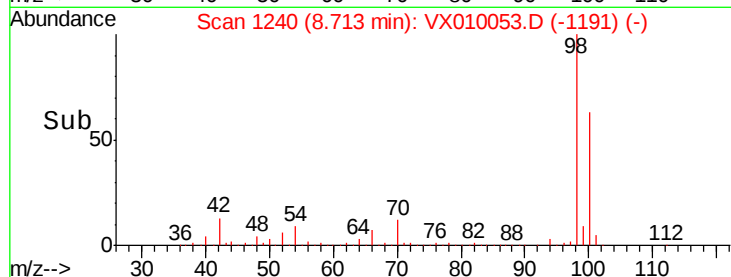
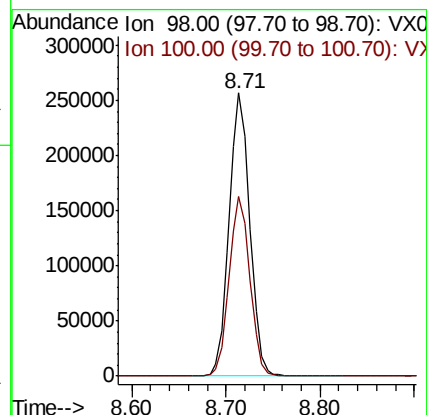
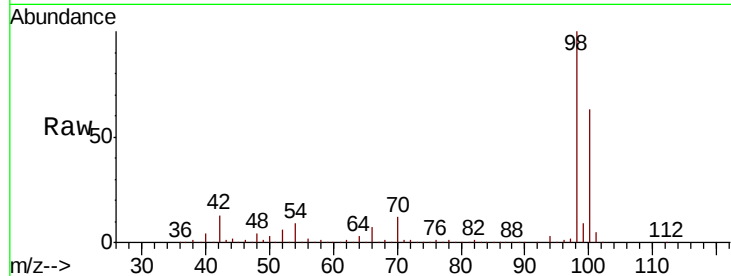




#50
Toluene-d8
Concen: 53.048 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010053.D
Acq: 04 Jun 2019 11:29

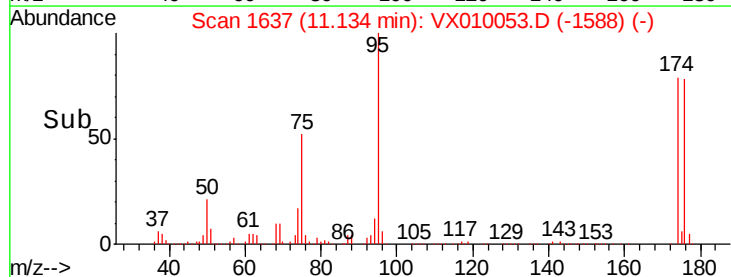
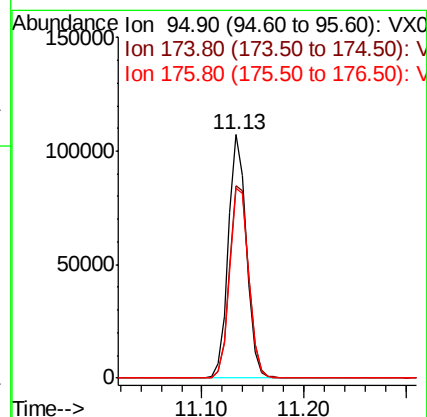
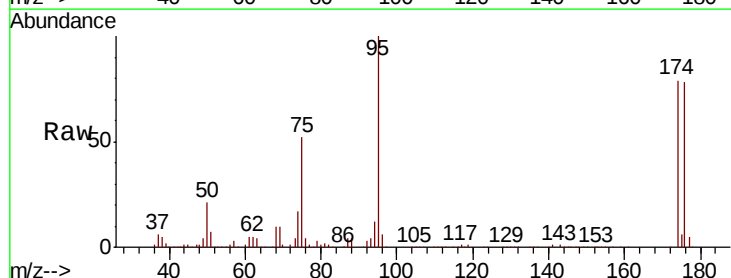
Instrument :
MSVOA_X
ClientSampled :

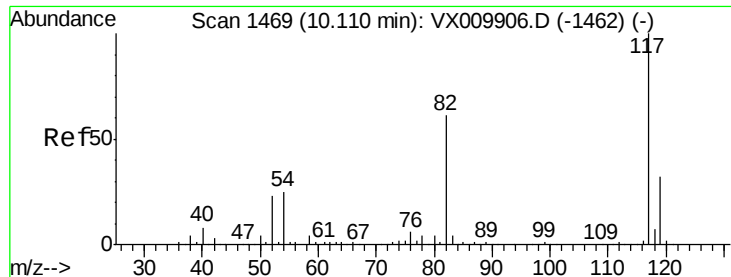
Tot Ion: 98 Resp: 391375
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.051 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010053.D
Acq: 04 Jun 2019 11:29

Tgt Ion: 95 Resp: 132634
Ion Ratio Lower Upper
95 100
174 83.4 0.0 160.4
176 81.6 0.0 154.6

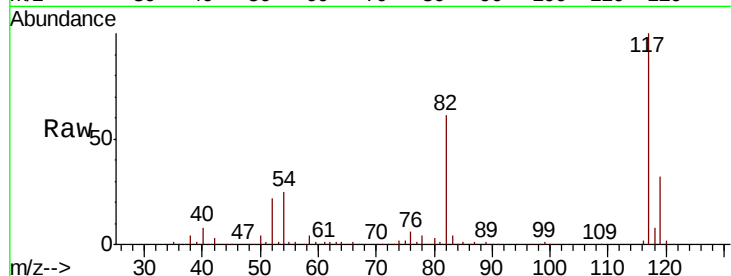




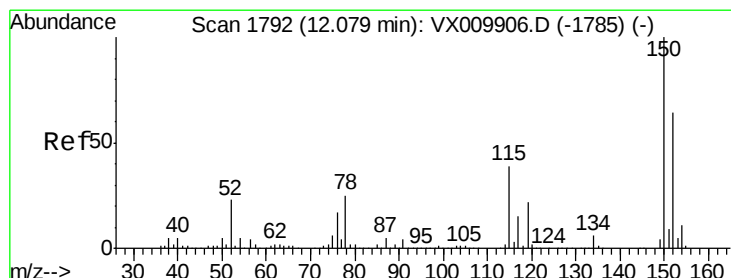
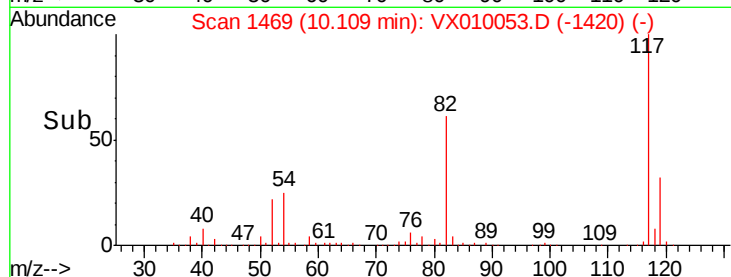
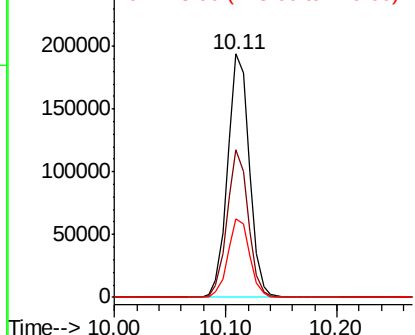
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010053.D
Acq: 04 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 262198
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 32.5 25.2 37.8

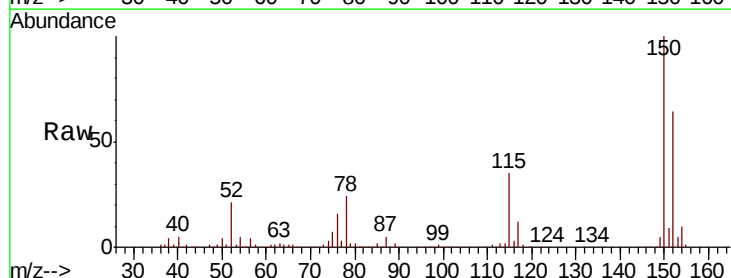


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

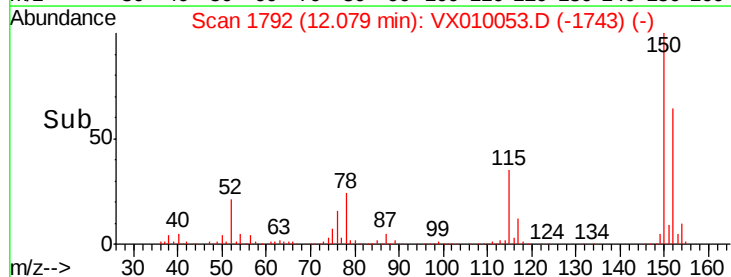
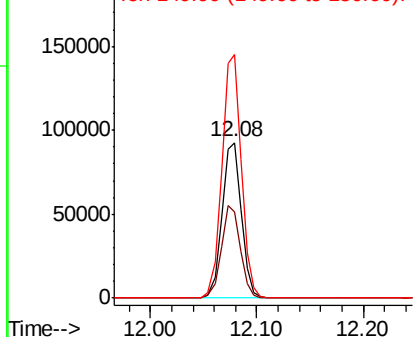


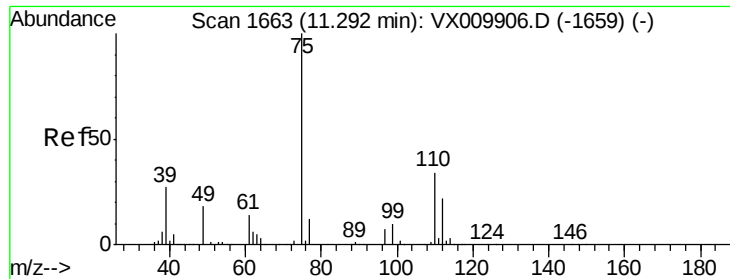
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010053.D
Acq: 04 Jun 2019 11:29

Tgt Ion:152 Resp: 117711
Ion Ratio Lower Upper
152 100
115 58.3 41.4 124.2
150 156.5 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





#76

1,2,3-Trichloropropane

Concen: 24.323 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010053.D

Acq: 04 Jun 2019 11:29

Instrument :

MSVOA_X

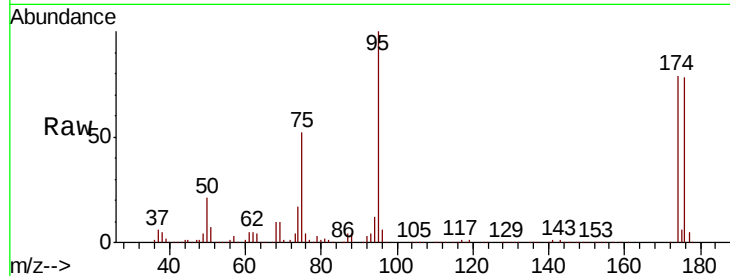
ClientSampleId :

Tot Ion: 75 Resp: 68465

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

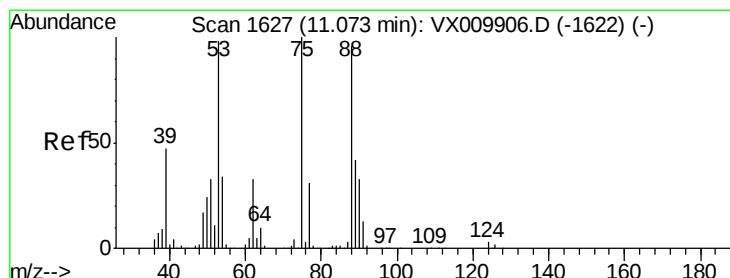
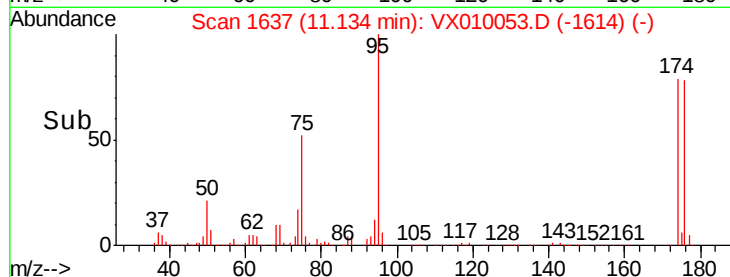
30000

20000

10000

0

Time--> 11.05 11.10 11.15 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 60.179 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010053.D

Acq: 04 Jun 2019 11:29

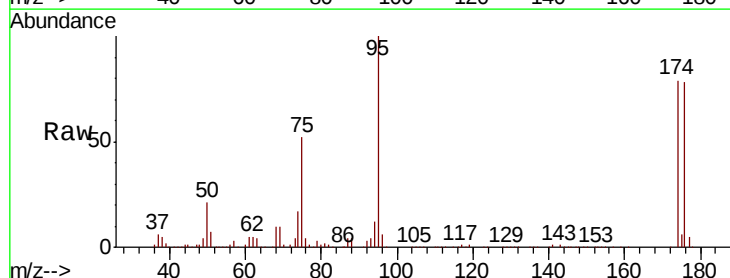
Tgt Ion: 75 Resp: 68465

Ion Ratio Lower Upper

75 100

53 0.1 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

11.13

60000

40000

20000

0

Time--> 11.05 11.10 11.15 11.20

