

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010076.D
 Acq On : 05 Jun 2019 14:54
 Operator : JC/SP
 Sample : K3190-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:32:50 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	179038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111362	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	118286	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
35) Dibromofluoromethane	5.50	113	88377	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	360121	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	119762	45.56	ug/l	0.00
Spiked Amount			Recovery	=	91.12%	

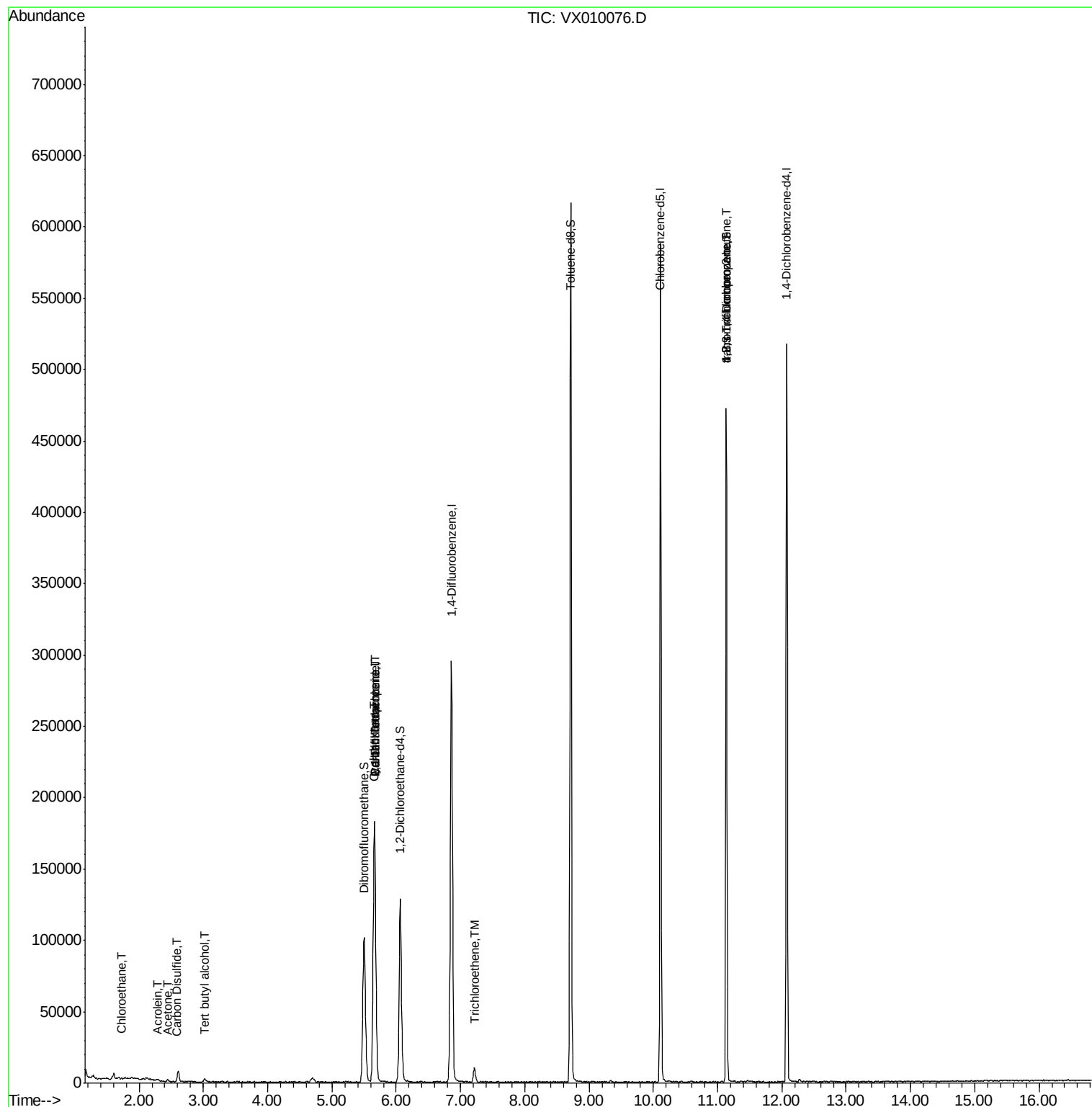
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.72	64	437	0.268	ug/l #	54
11) Tert butyl alcohol	3.02	59	1497	2.405	ug/l #	73
13) Acrolein	2.29	56	76	21.255	ug/l #	78
16) Acetone	2.45	43	1477	1.011	ug/l #	87
17) Carbon Disulfide	2.57	76	486	0.472	ug/l #	76
31) Cyclohexane	5.65	56	3818	0.992	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13736	4.723	ug/l #	50
38) Carbon Tetrachloride	5.67	117	16638	6.620	ug/l #	17
44) Trichloroethene	7.21	130	4056	1.935	ug/l	91
76) 1,2,3-Trichloropropane	11.13	75	61283	23.013	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61283	56.937	ug/l #	10

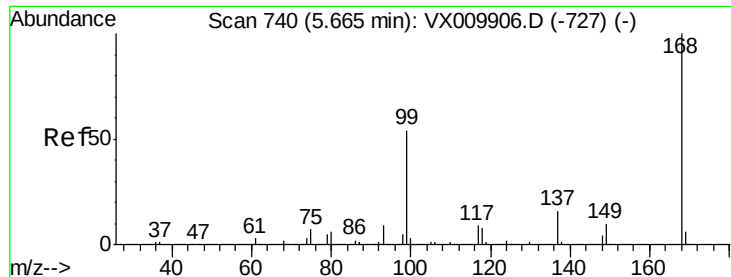
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060519\
Data File : VX010076.D
Acq On : 05 Jun 2019 14:54
Operator : JC/SP
Sample : K3190-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 06 06:32:50 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

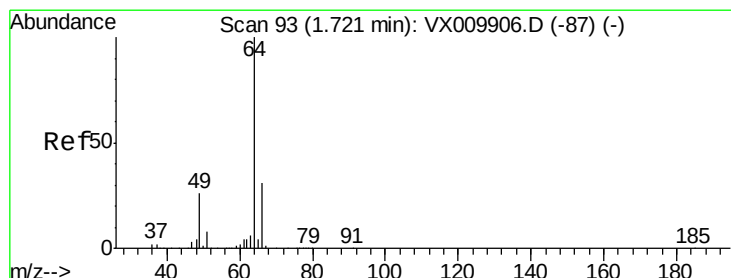
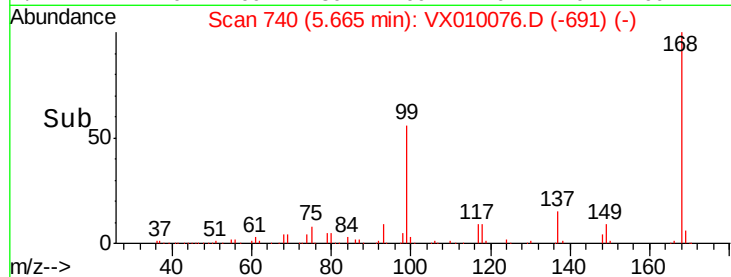
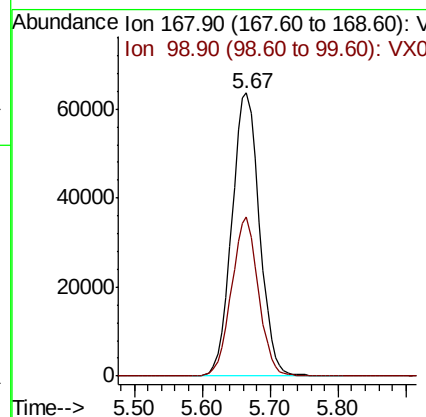
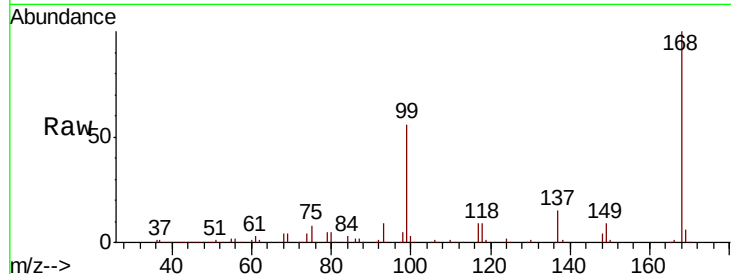




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010076.D
Acq: 05 Jun 2019 14:54

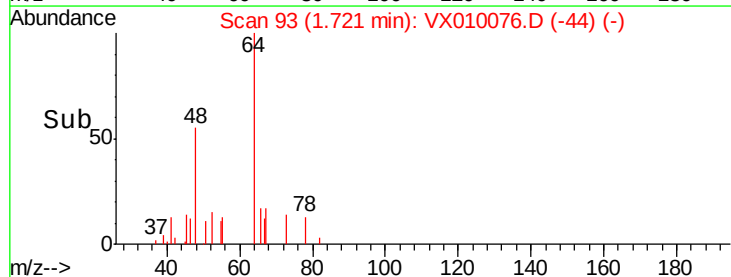
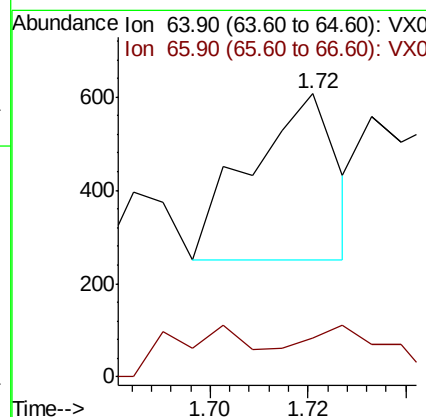
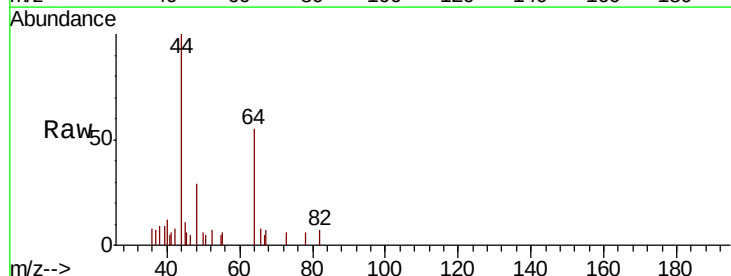
Instrument :
MSVOA_X
ClientSampleId :

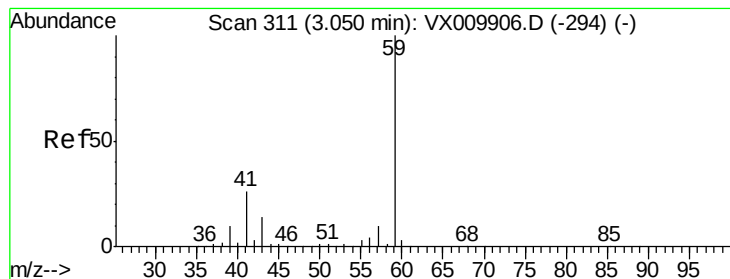
Tot Ion:168 Resp: 179038
Ion Ratio Lower Upper
168 100
99 56.5 43.0 64.6



#6
Chloroethane
Concen: 0.268 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.00 min
Lab File: VX010076.D
Acq: 05 Jun 2019 14:54

Tgt Ion: 64 Resp: 437
Ion Ratio Lower Upper
64 100
66 5.9 25.1 37.7#



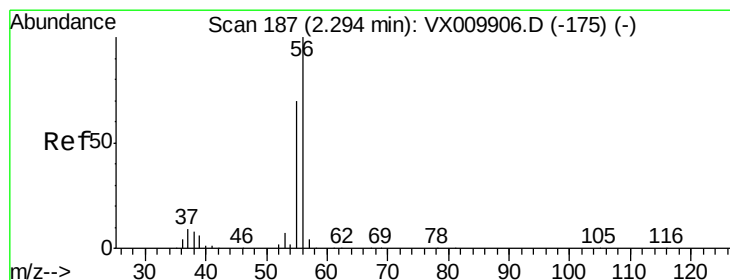
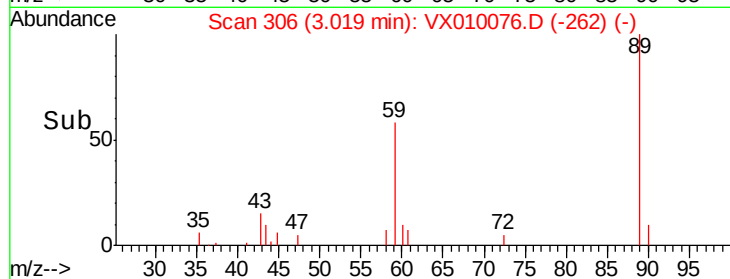
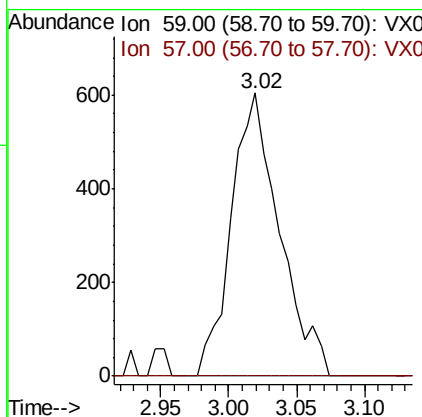
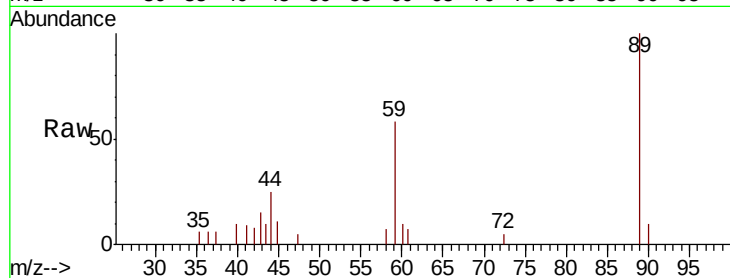


#11

Tert butyl alcohol
 Concen: 2.405 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010076.D
 Acq: 05 Jun 2019 14:54

Instrument :
 MSVOA_X
 ClientSampleId :

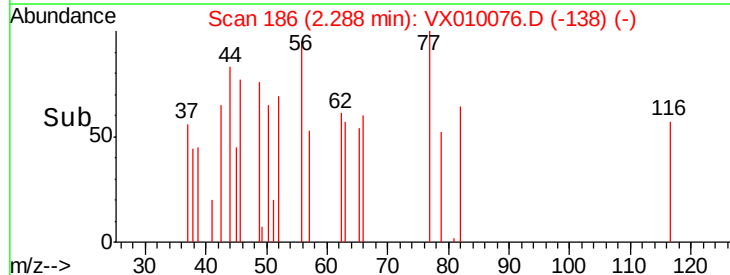
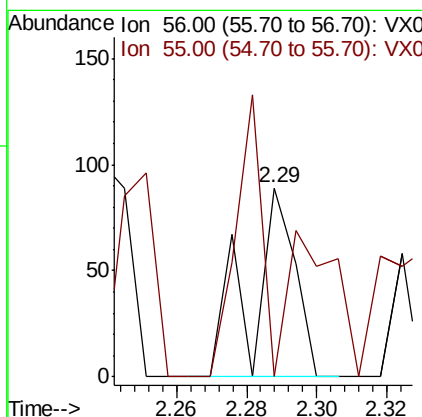
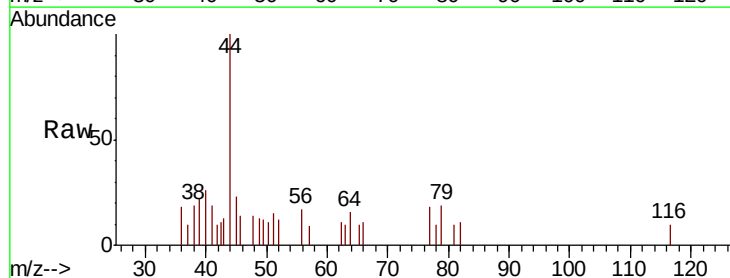
Tot Ion: 59 Resp: 1497
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

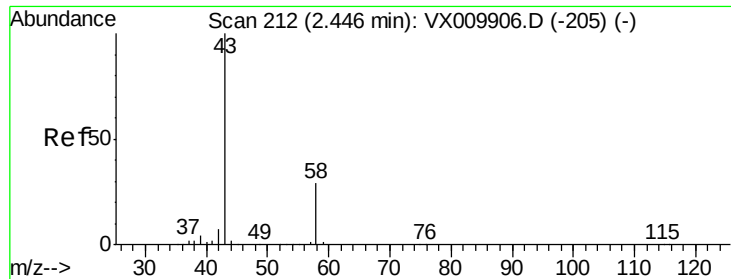


#13

Acrolein
 Concen: 21.255 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VX010076.D
 Acq: 05 Jun 2019 14:54

Tgt Ion: 56 Resp: 76
 Ion Ratio Lower Upper
 56 100
 55 89.5 57.0 85.4#





#16

Acetone

Concen: 1.011 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010076.D

Acq: 05 Jun 2019 14:54

Instrument :

MSVOA_X

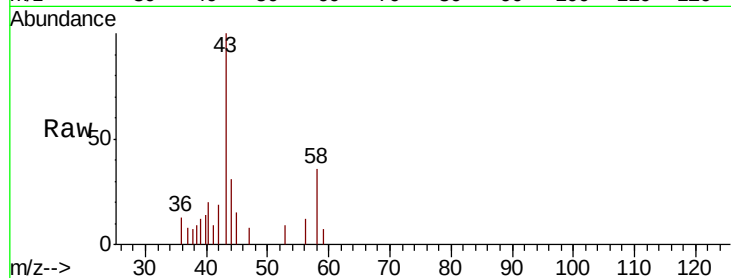
ClientSampled :

Tot Ion: 43 Resp: 1477

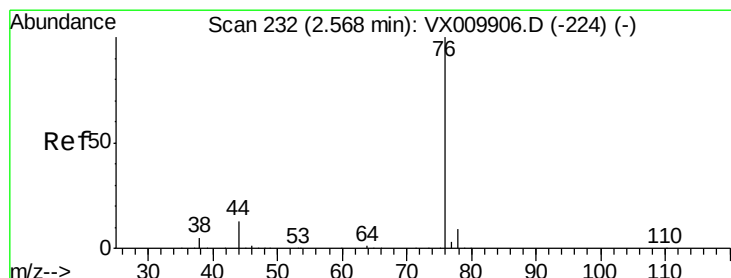
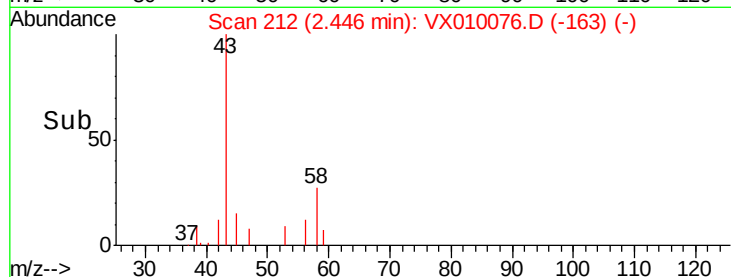
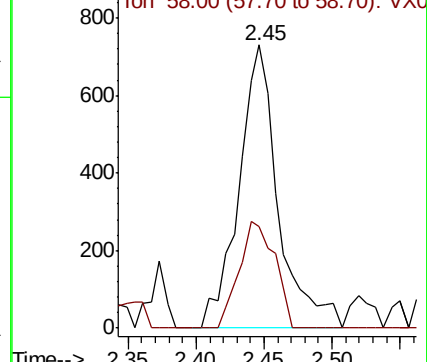
Ion Ratio Lower Upper

43 100

58 36.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0



#17

Carbon Disulfide

Concen: 0.472 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010076.D

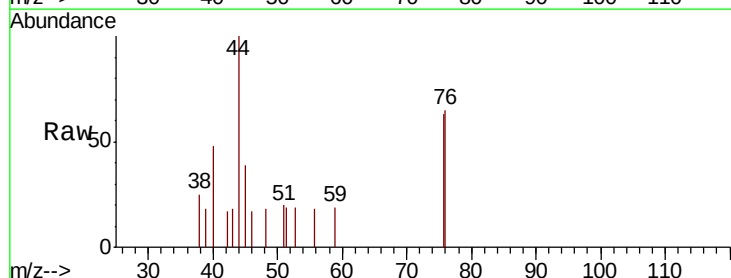
Acq: 05 Jun 2019 14:54

Tgt Ion: 76 Resp: 486

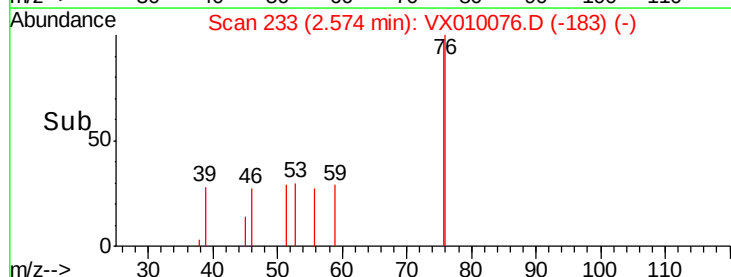
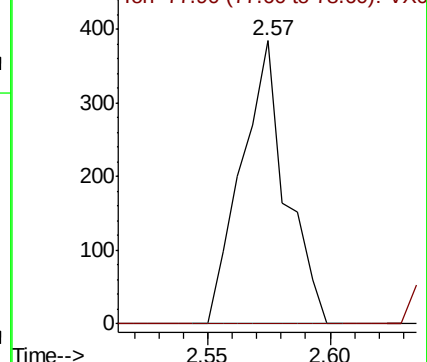
Ion Ratio Lower Upper

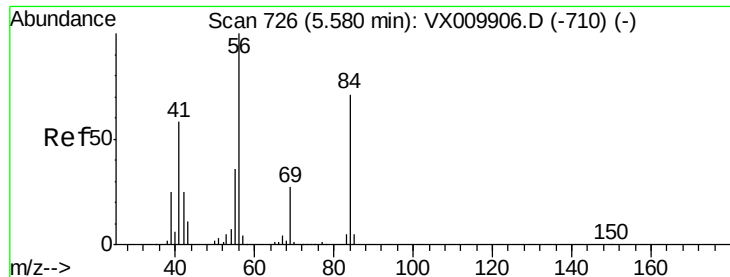
76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

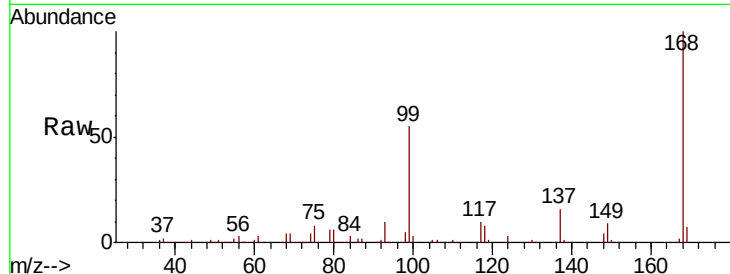




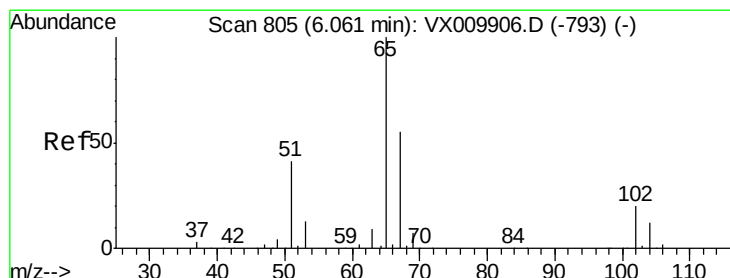
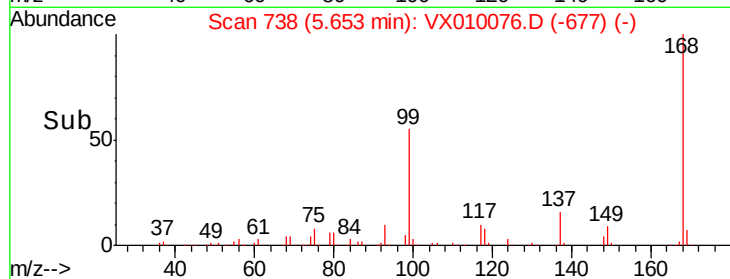
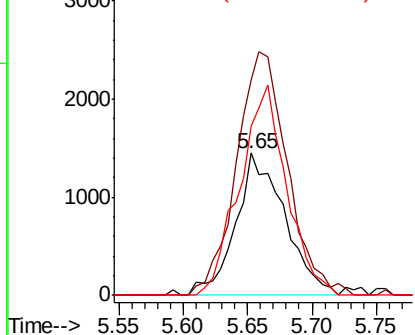
#31
Cyclohexane
Concen: 0.992 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX010076.D
Acq: 05 Jun 2019 14:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 3818
Ion Ratio Lower Upper
56 100
69 151.2 21.6 32.4#
84 119.4 56.8 85.2#

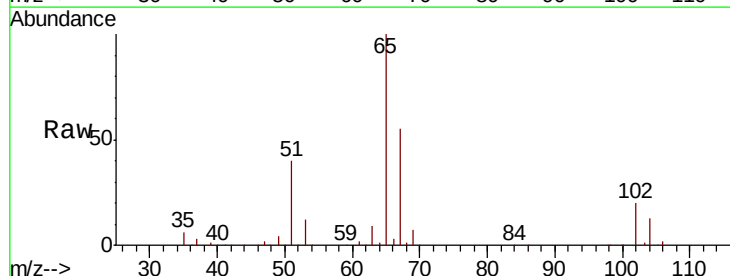


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

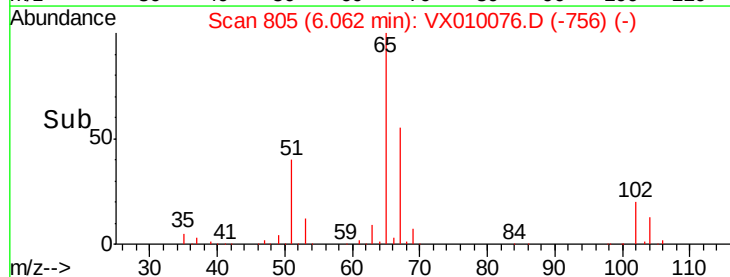
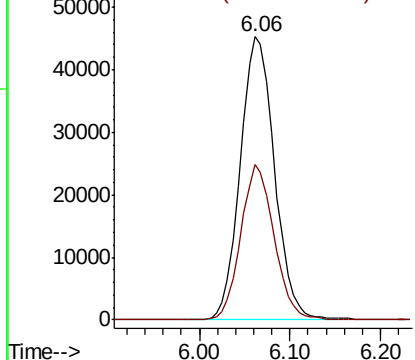


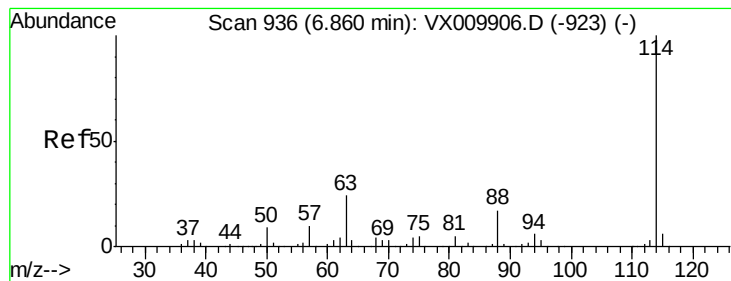
#33
1,2-Dichloroethane-d4
Concen: 46.771 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010076.D
Acq: 05 Jun 2019 14:54

Tgt Ion: 65 Resp: 118286
Ion Ratio Lower Upper
65 100
67 53.6 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: VX010076.D

Acq: 05 Jun 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

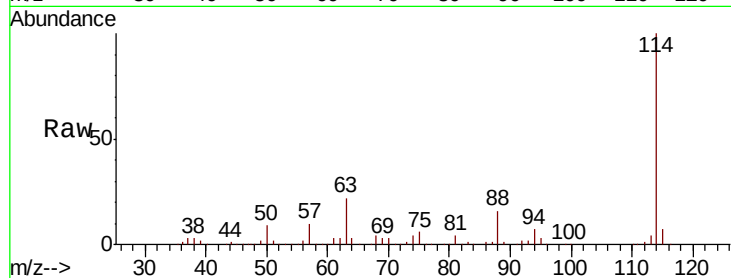
Tot Ion:114 Resp: 286642

Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.4

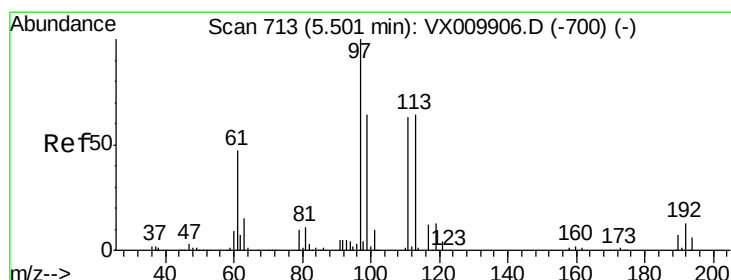
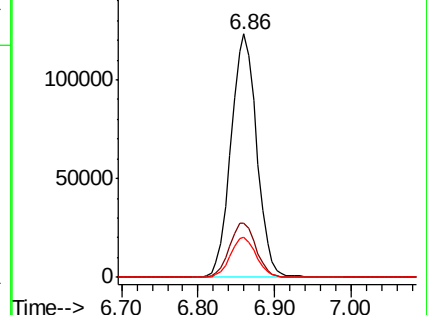
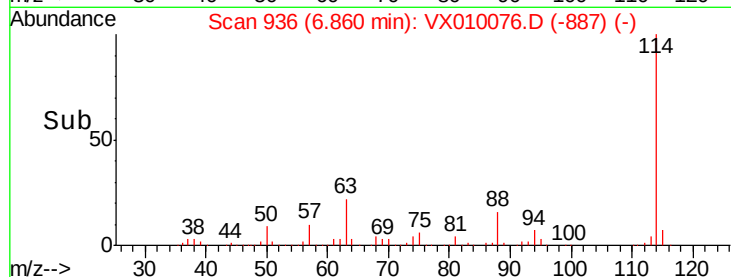
88 16.3 0.0 33.0



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: 49.040 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010076.D

Acq: 05 Jun 2019 14:54

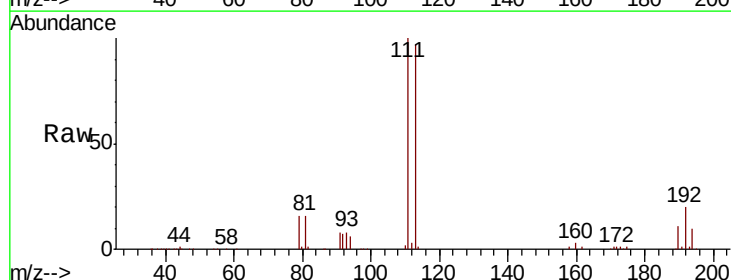
Tgt Ion:113 Resp: 88377

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

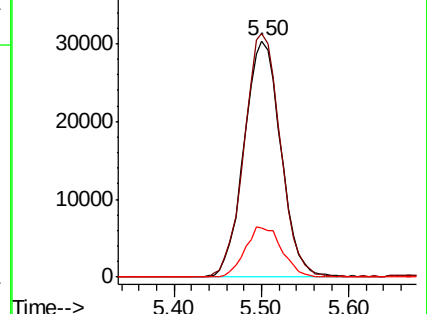
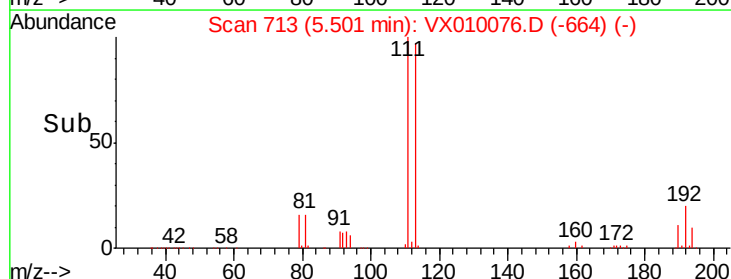
192 21.4 17.1 25.7

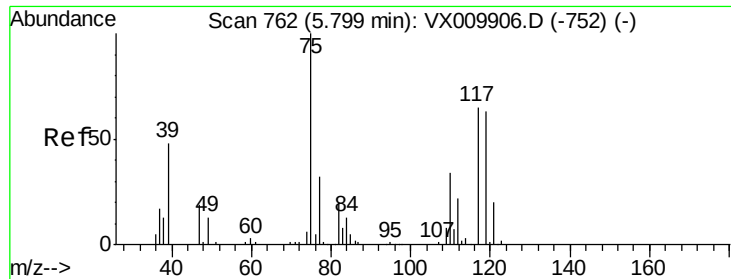


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

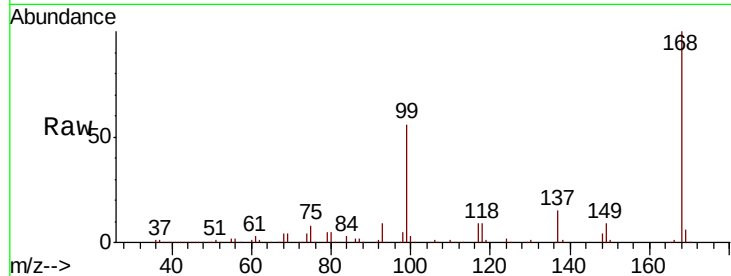




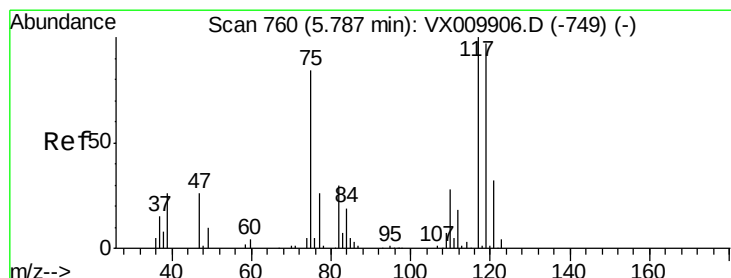
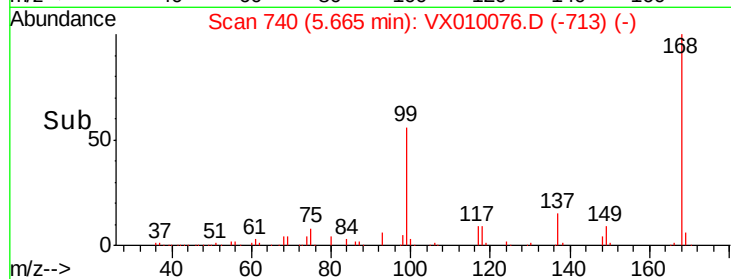
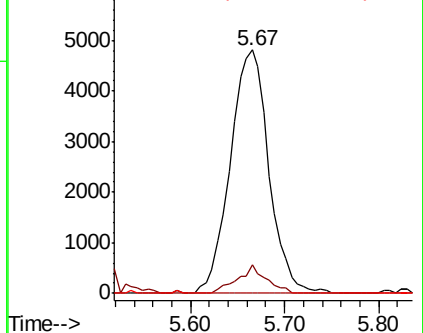
#36
 1,1-Dichloropropene
 Concen: 4.723 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010076.D
 Acq: 05 Jun 2019 14:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.7	50.1#
77	0.0	25.0	37.4#

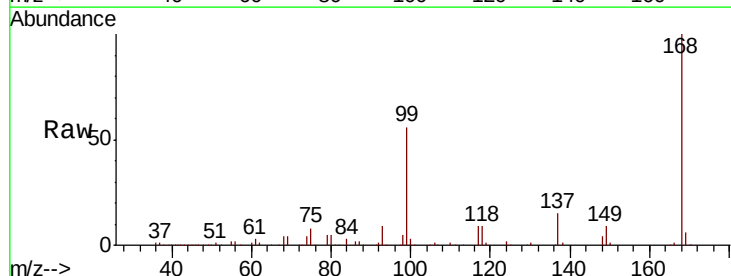


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

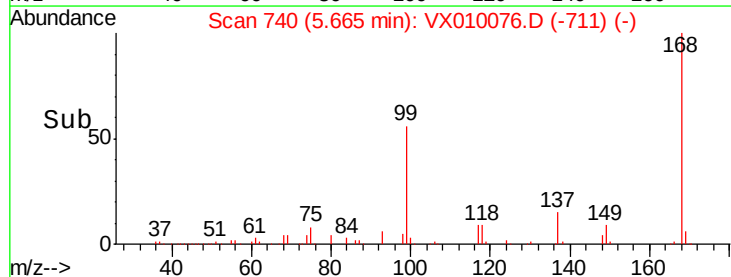
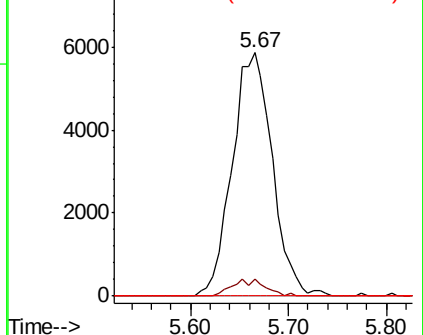


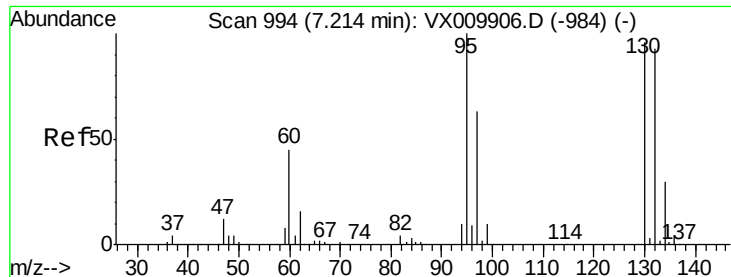
#38
 Carbon Tetrachloride
 Concen: 6.620 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010076.D
 Acq: 05 Jun 2019 14:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.1	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

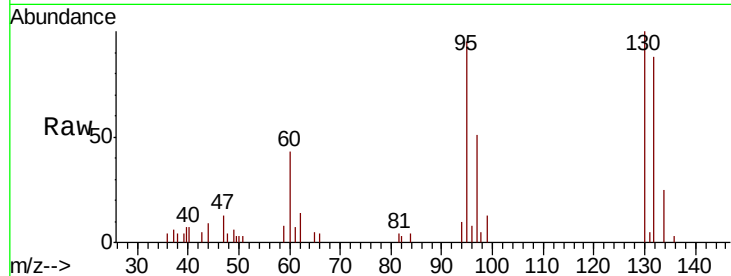




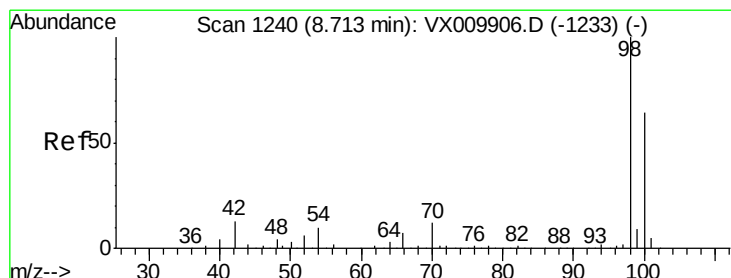
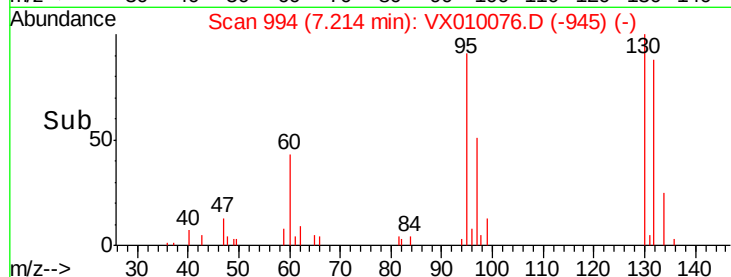
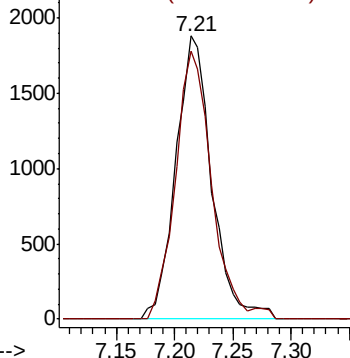
#44
 Trichloroethene
 Concen: 1.935 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010076.D
 Acq: 05 Jun 2019 14:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 4056
 Ion Ratio Lower Upper
 130 100
 95 94.6 0.0 207.4

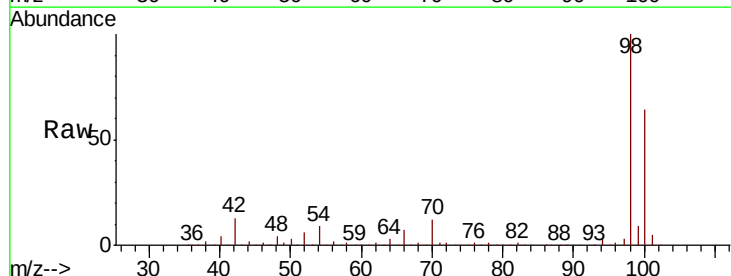


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

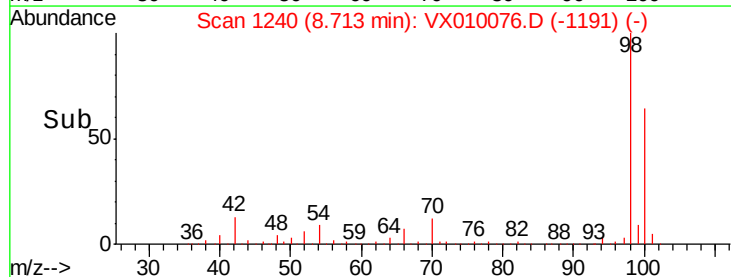
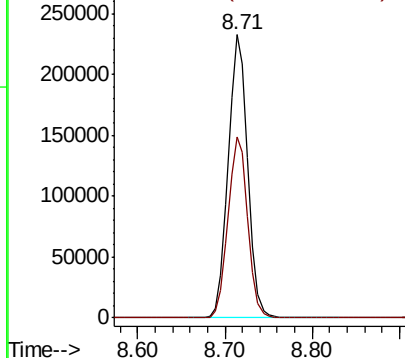


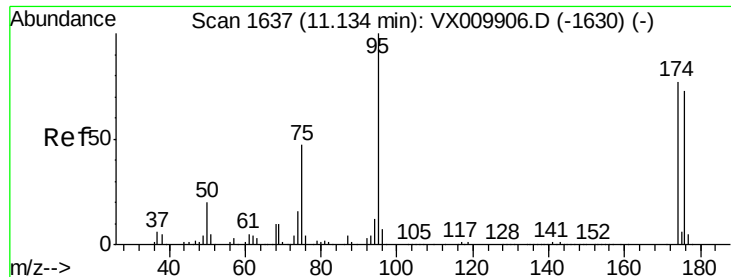
#50
 Toluene-d8
 Concen: 49.210 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010076.D
 Acq: 05 Jun 2019 14:54

Tgt Ion: 98 Resp: 360121
 Ion Ratio Lower Upper
 98 100
 100 64.5 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: 45.563 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010076.D

Acq: 05 Jun 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

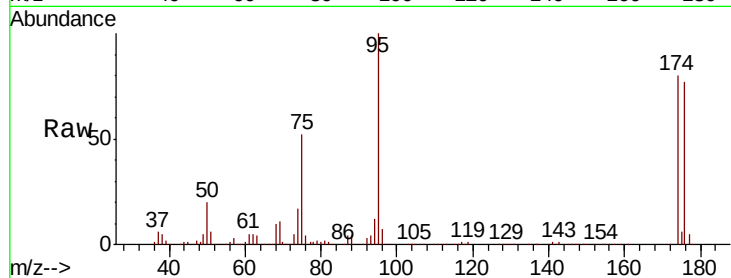
Tot Ion: 95 Resp: 119762

Ion Ratio Lower Upper

95 100

174 83.5 0.0 160.4

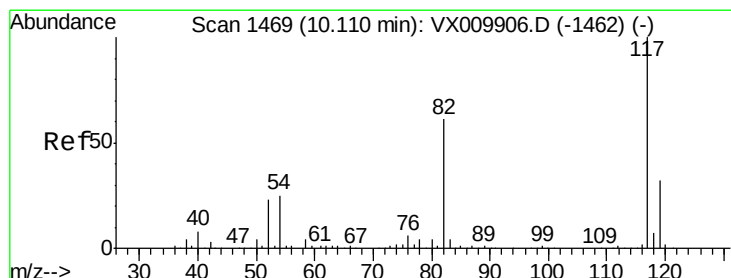
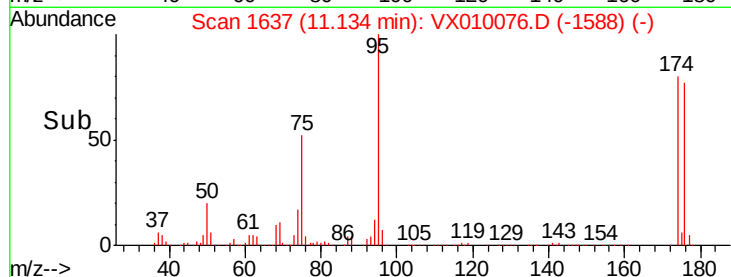
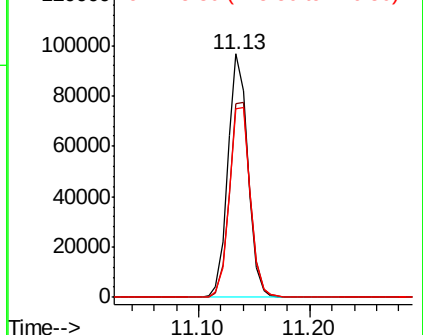
176 81.7 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010076.D

Acq: 05 Jun 2019 14:54

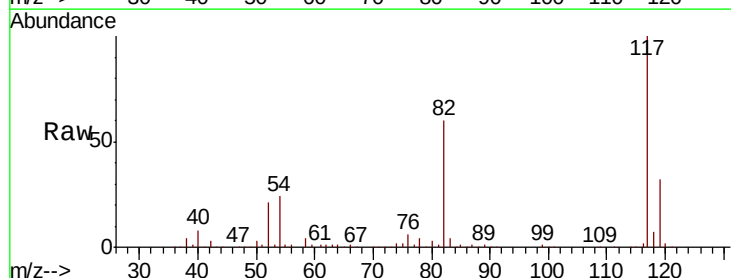
Tgt Ion: 117 Resp: 255856

Ion Ratio Lower Upper

117 100

82 59.9 49.2 73.8

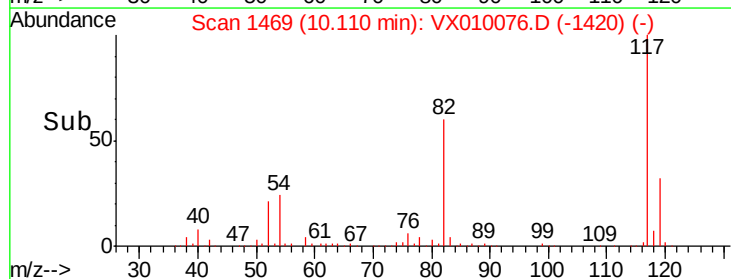
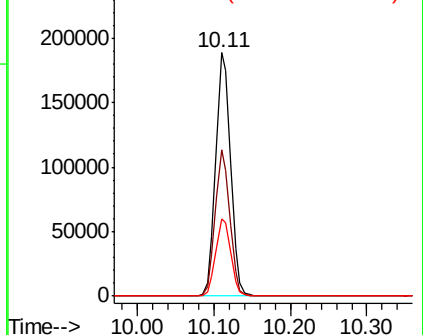
119 31.7 25.2 37.8

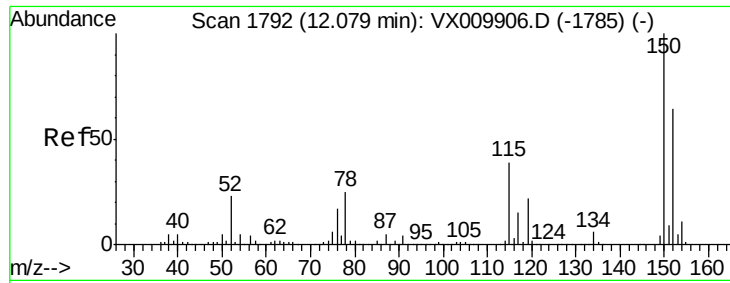


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



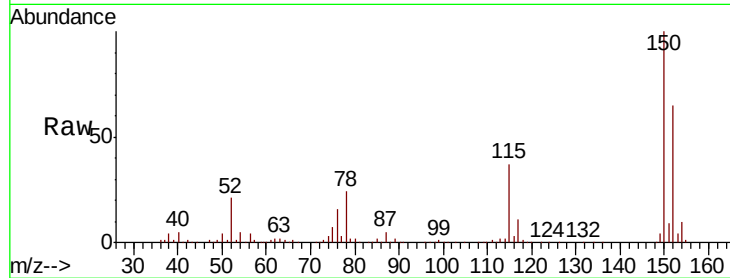


#72

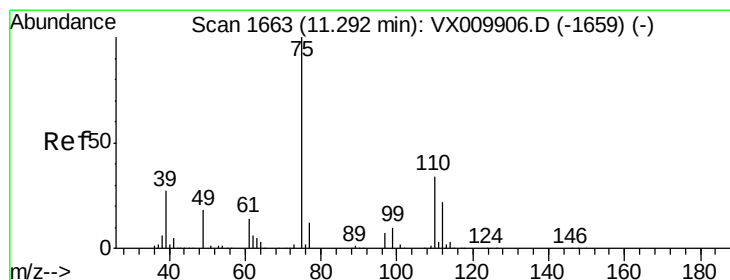
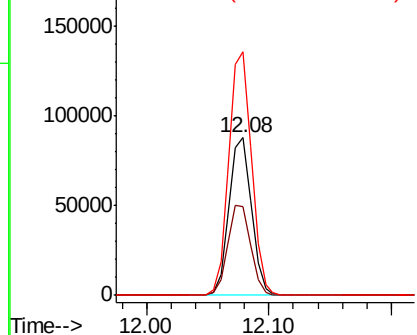
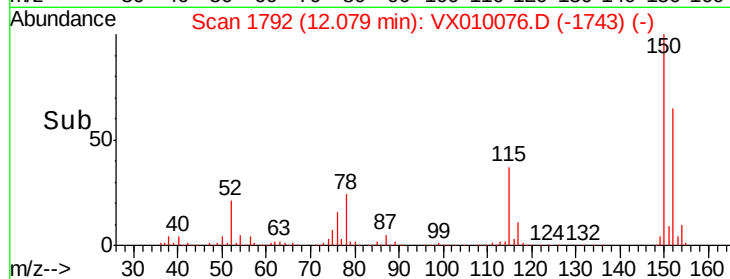
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010076.D
Acq: 05 Jun 2019 14:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 111362
Ion Ratio Lower Upper
152 100
115 58.3 41.4 124.2
150 156.0 0.0 345.2



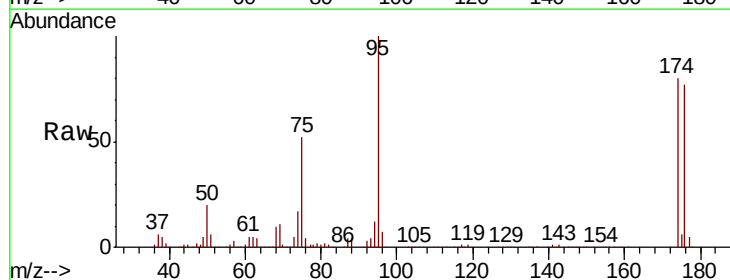
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



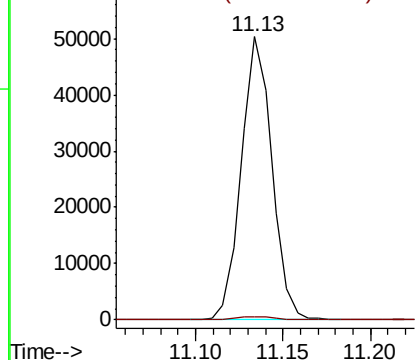
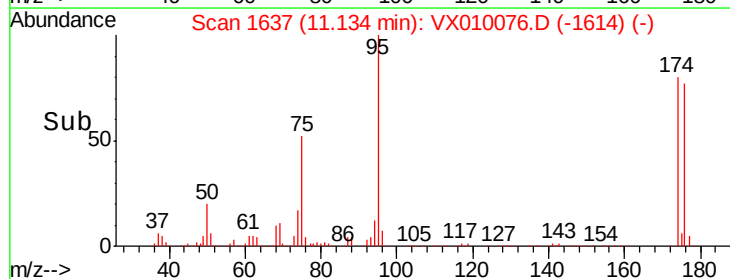
#76

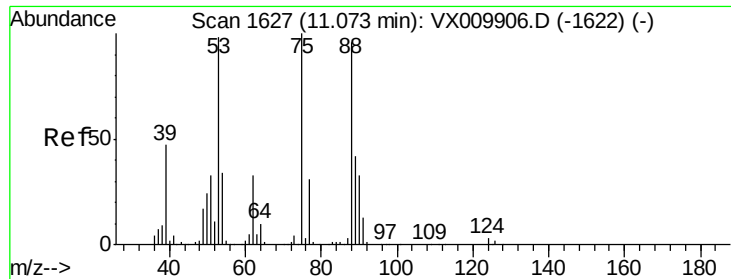
1,2,3-Trichloropropane
Concen: 23.013 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010076.D
Acq: 05 Jun 2019 14:54

Tgt Ion: 75 Resp: 61283
Ion Ratio Lower Upper
75 100
77 1.4 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: 56.937 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010076.D

Acq: 05 Jun 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

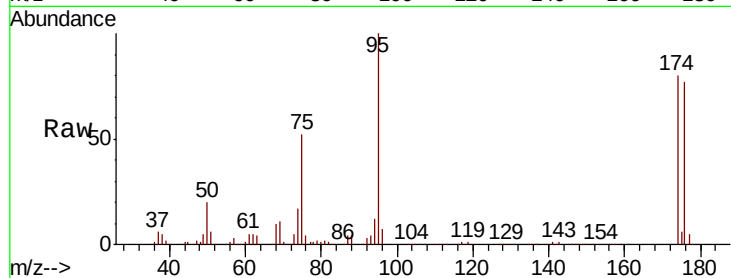
Tot Ion: 75 Resp: 61283

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

