

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060419\
 Data File : VX010062.D
 Acq On : 04 Jun 2019 16:51
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:21:07 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

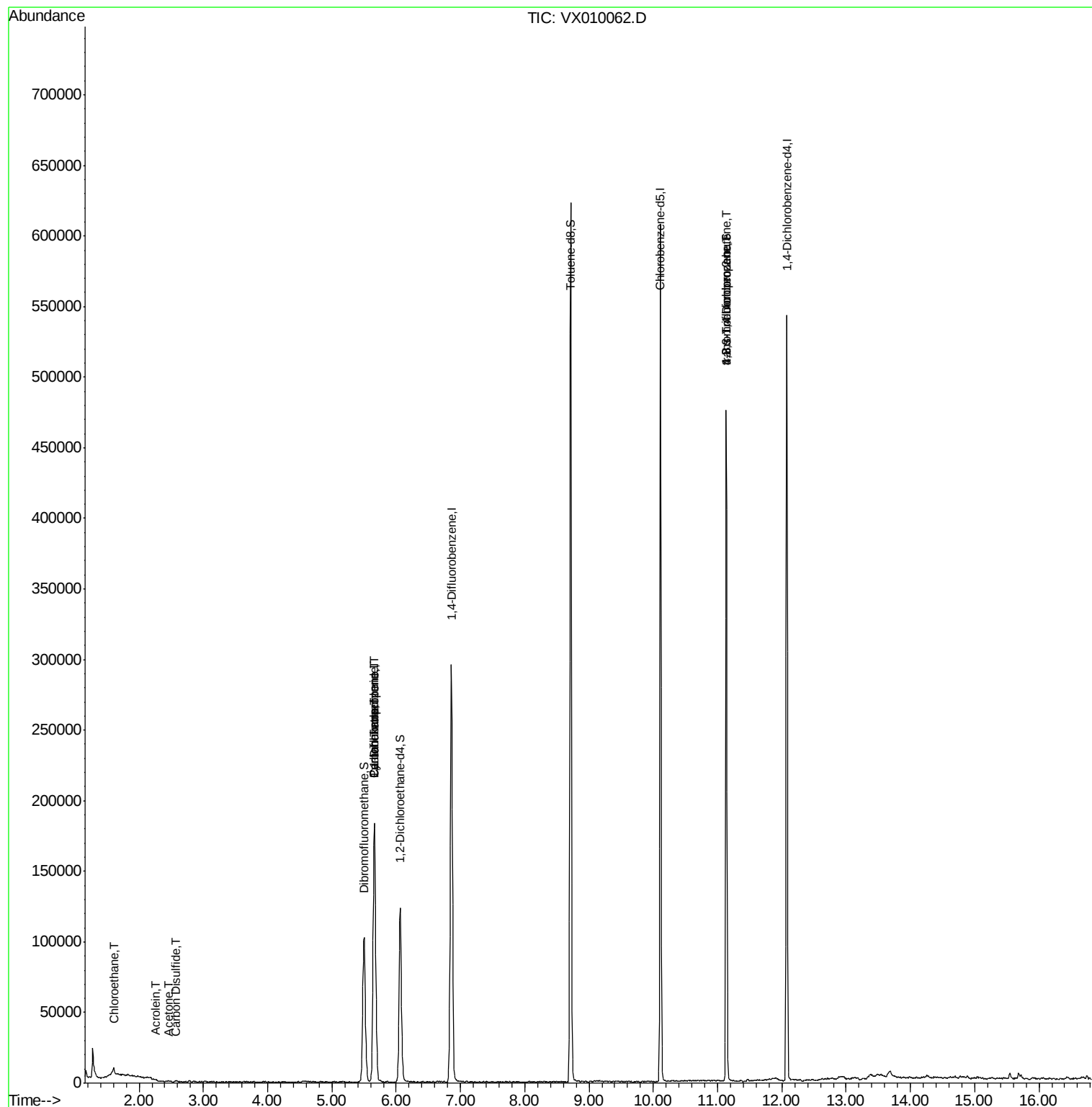
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	180593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118451	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
35) Dibromofluoromethane	5.50	113	87552	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	360493	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	122394	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.60	64	10591	6.433	ug/l #	54
13) Acrolein	2.27	56	32	21.163	ug/l #	1
16) Acetone	2.45	43	713	0.484	ug/l	97
17) Carbon Disulfide	2.57	76	700	0.510	ug/l #	71
31) Cyclohexane	5.67	56	4110	1.059	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13515	4.641	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16846	6.694	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	61902	22.750	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61902	56.288	ug/l #	10

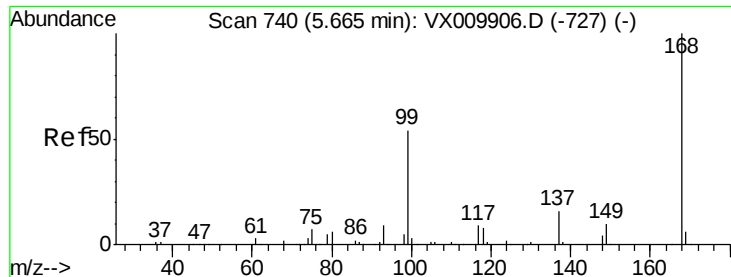
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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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: VX010062.D

Acq: 04 Jun 2019 16:51

Instrument :

MSVOA_X

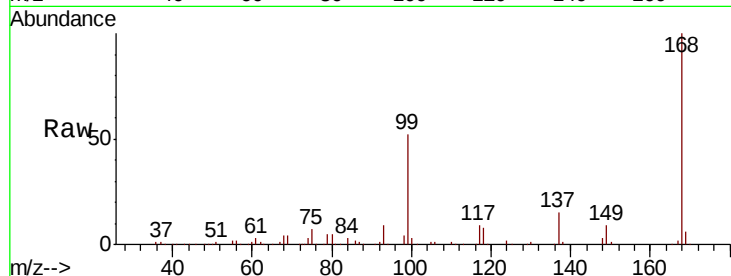
ClientSampleId :

Tot Ion:168 Resp: 180593

Ion Ratio Lower Upper

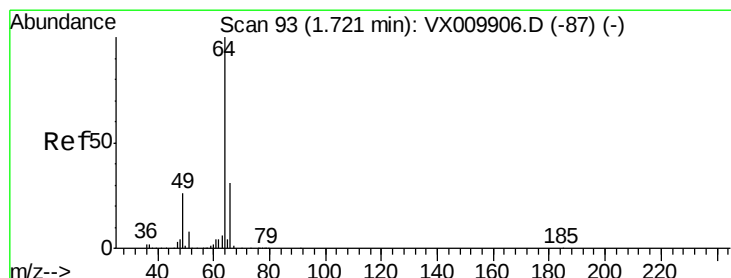
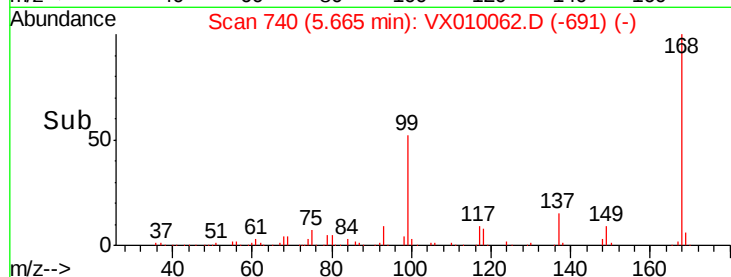
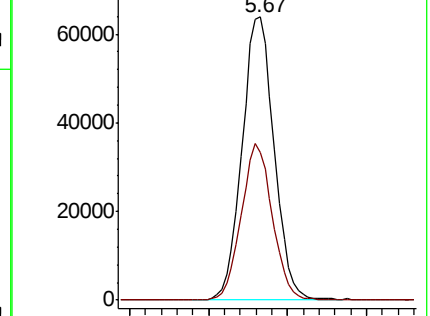
168 100

99 52.1 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: 6.433 ug/l

RT: 1.60 min Scan# 73

Delta R.T. -0.12 min

Lab File: VX010062.D

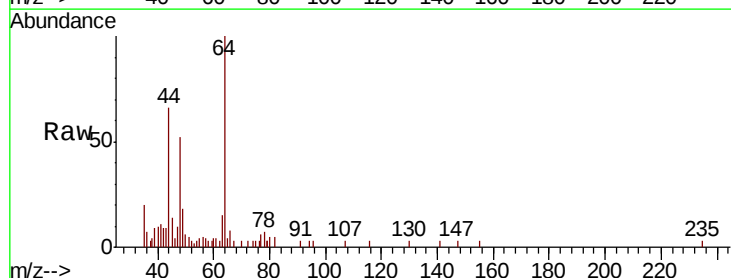
Acq: 04 Jun 2019 16:51

Tgt Ion: 64 Resp: 10591

Ion Ratio Lower Upper

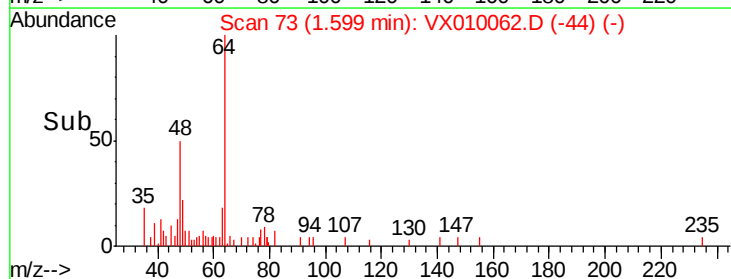
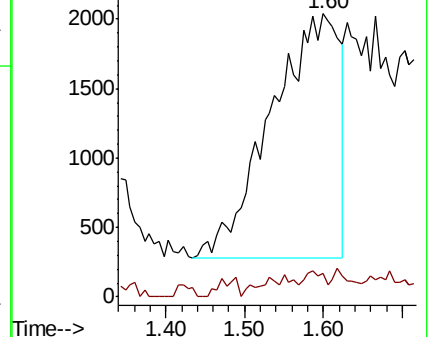
64 100

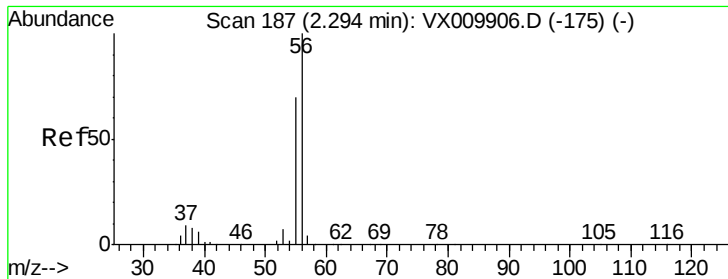
66 5.8 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#13

Acrolein

Concen: 21.163 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX010062.D

Acq: 04 Jun 2019 16:51

Instrument :

MSVOA_X

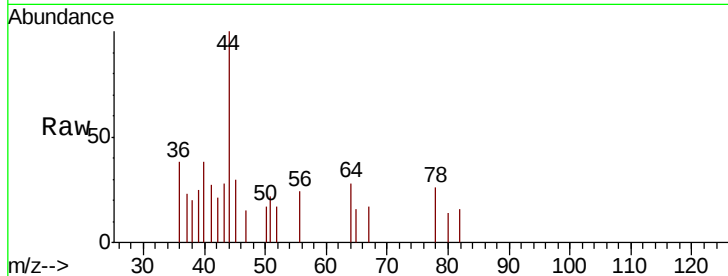
ClientSampleId :

Tot Ion: 56.00 Resp: 32

Ion Ratio Lower Upper

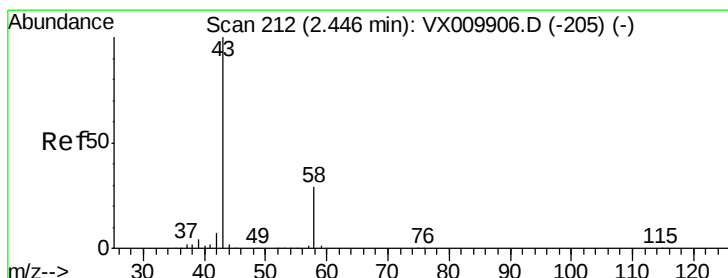
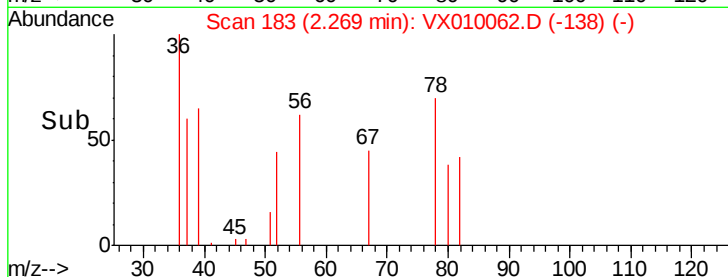
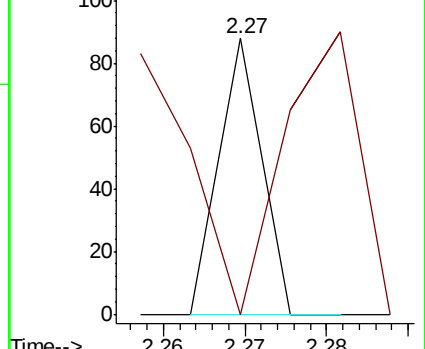
56 100

55 178.1 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: 0.484 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010062.D

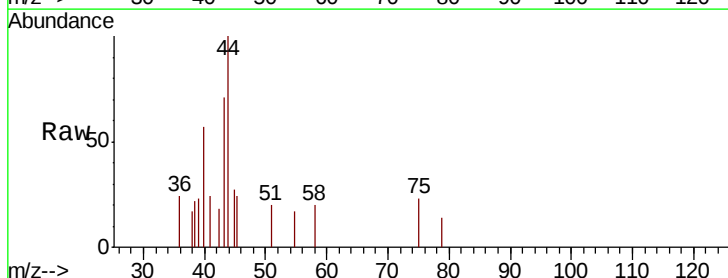
Acq: 04 Jun 2019 16:51

Tgt Ion: 43 Resp: 713

Ion Ratio Lower Upper

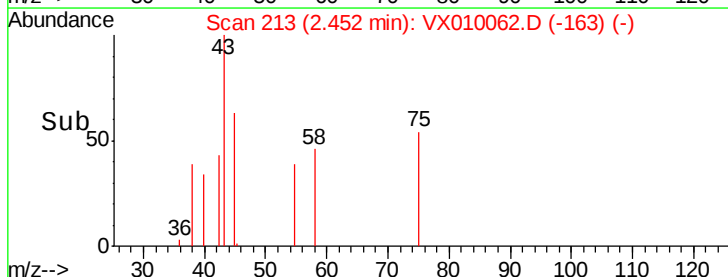
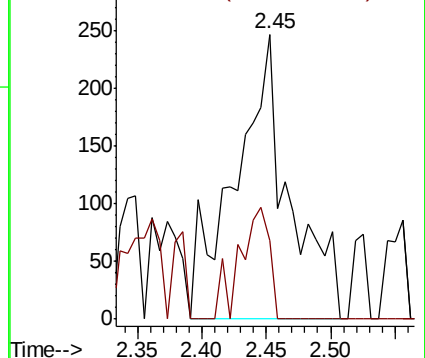
43 100

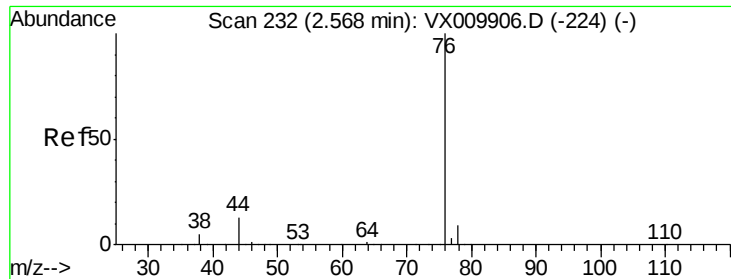
58 27.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.510 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010062.D

Acq: 04 Jun 2019 16:51

Instrument :

MSVOA_X

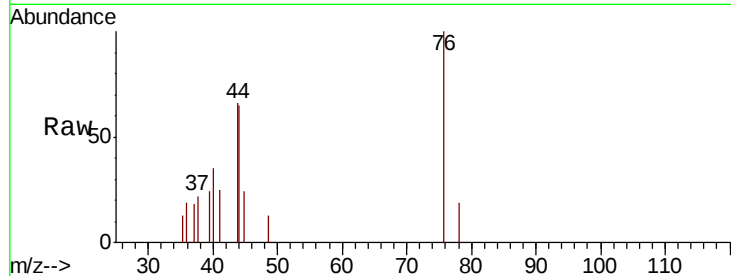
ClientSampleId :

Tot Ion: 76 Resp: 700

Ion Ratio Lower Upper

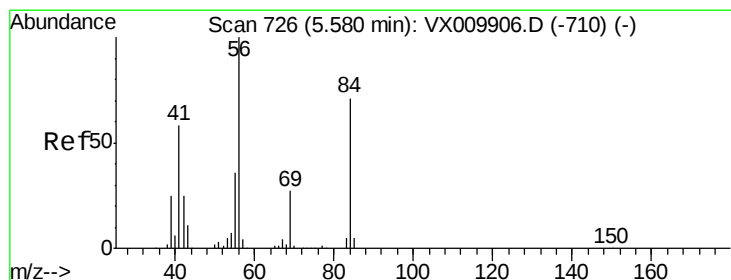
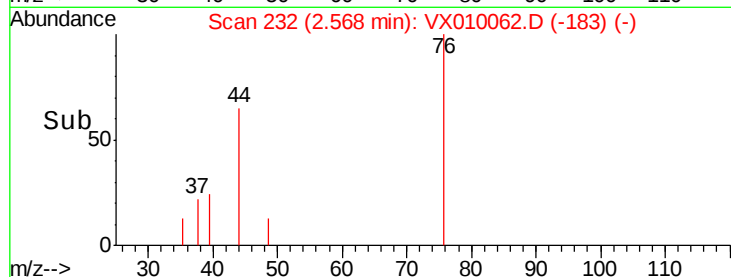
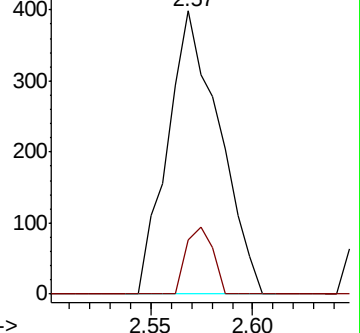
76 100

78 19.3 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: 1.059 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX010062.D

Acq: 04 Jun 2019 16:51

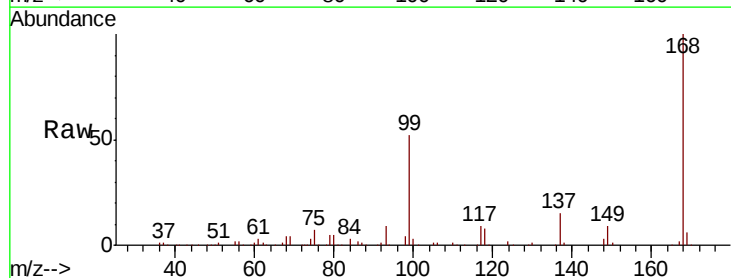
Tgt Ion: 56 Resp: 4110

Ion Ratio Lower Upper

56 100

69 166.2 21.6 32.4#

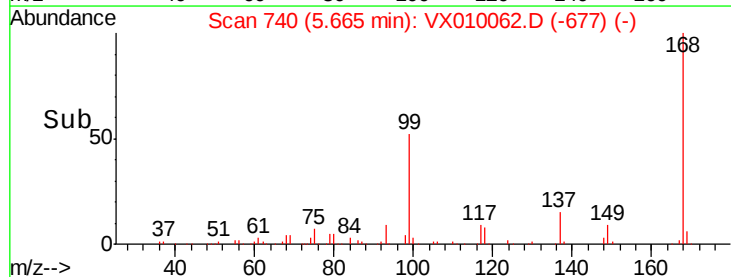
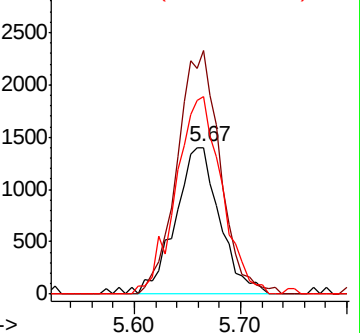
84 134.4 56.8 85.2#

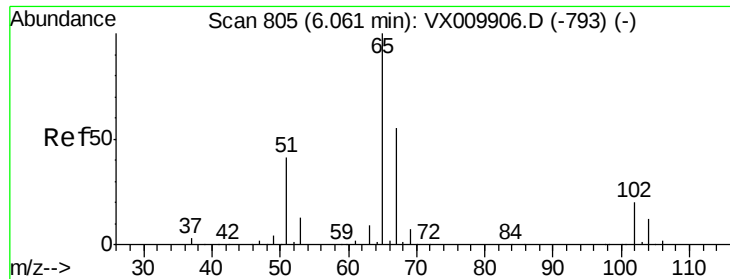


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.433 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010062.D

Acq: 04 Jun 2019 16:51

Instrument :

MSVOA_X

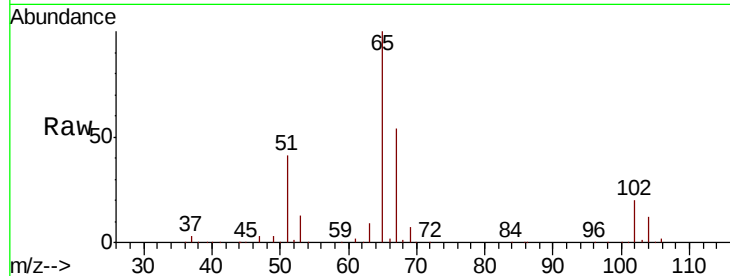
ClientSampleId :

Tot Ion: 65 Resp: 118451

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

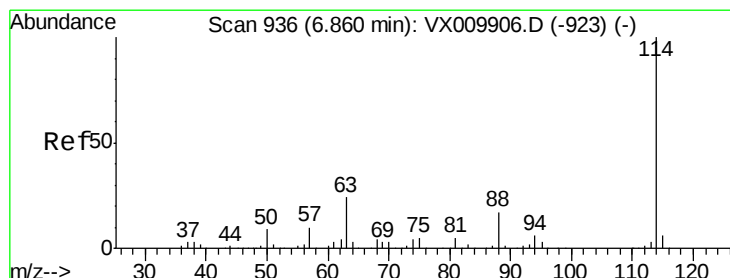
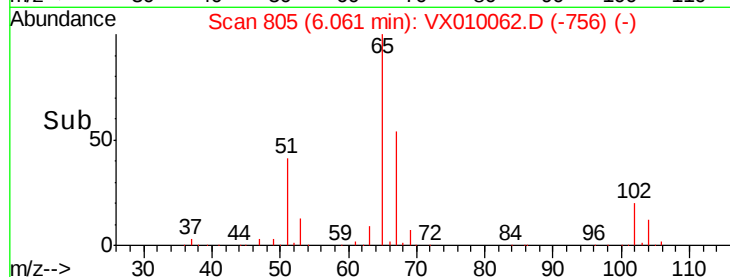
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010062.D

Acq: 04 Jun 2019 16:51

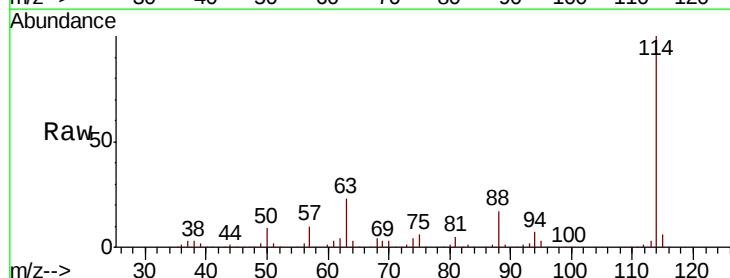
Tgt Ion: 114 Resp: 287029

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.4

88 17.1 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

6.86

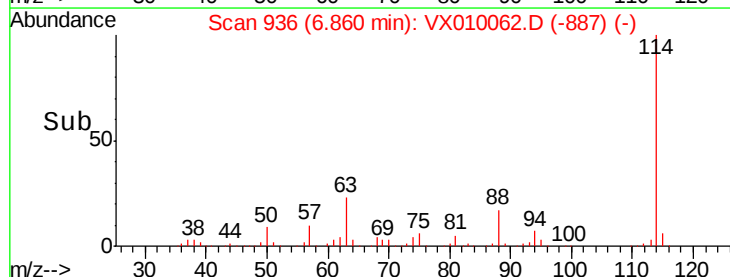
150000

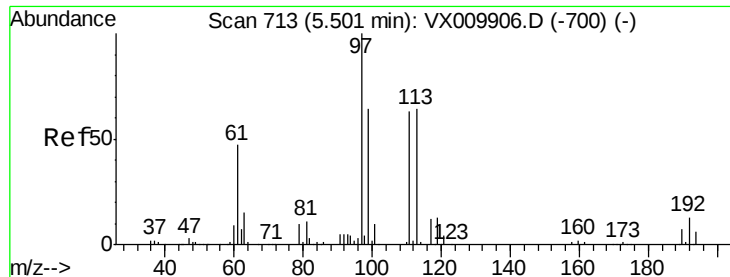
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

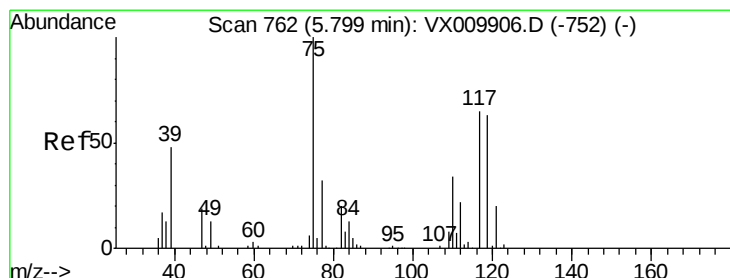
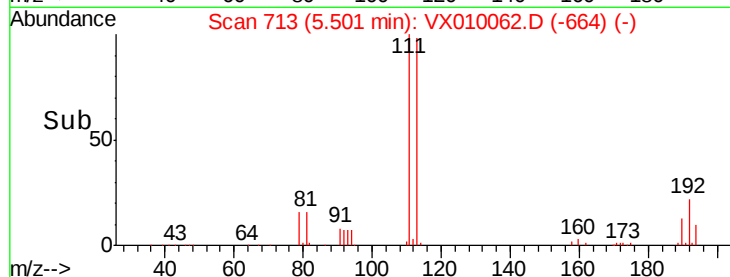
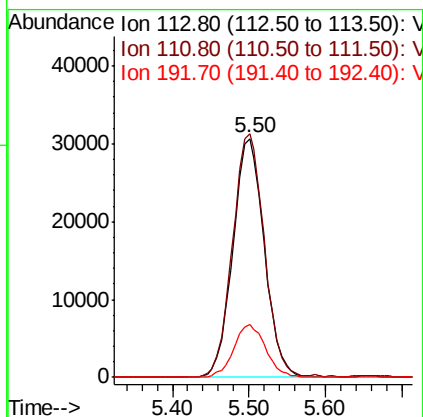
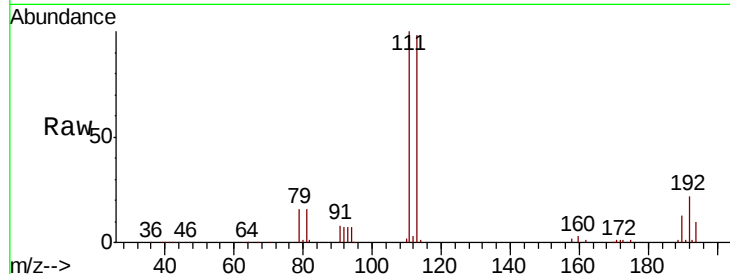




#35
 Dibromofluoromethane
 Concen: 48.517 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010062.D
 Acq: 04 Jun 2019 16:51

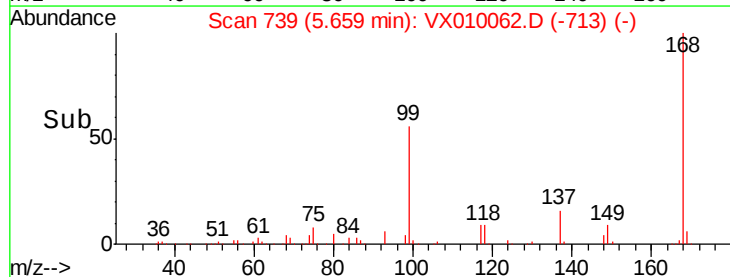
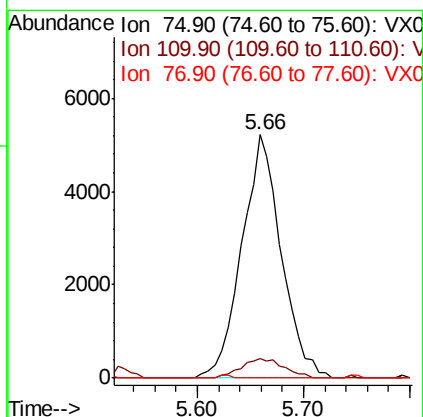
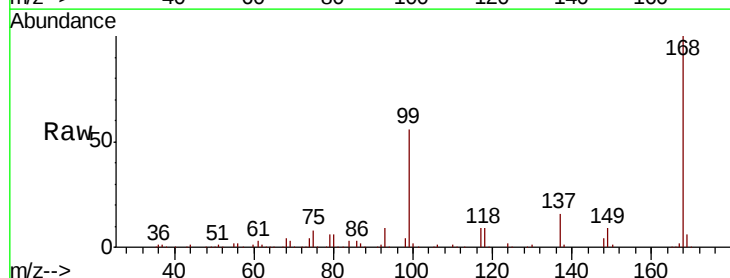
Instrument :
 MSVOA_X
 ClientSampleId :

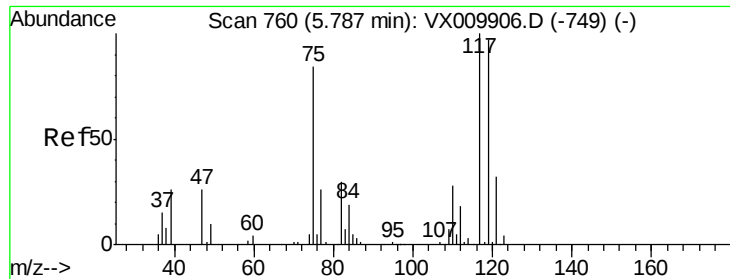
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	22.3	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 4.641 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010062.D
 Acq: 04 Jun 2019 16:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.7	50.1#
77	0.0	25.0	37.4#

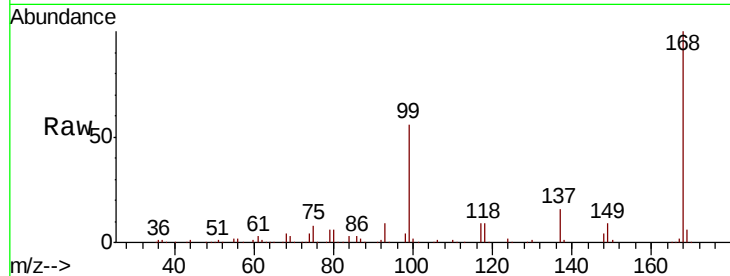




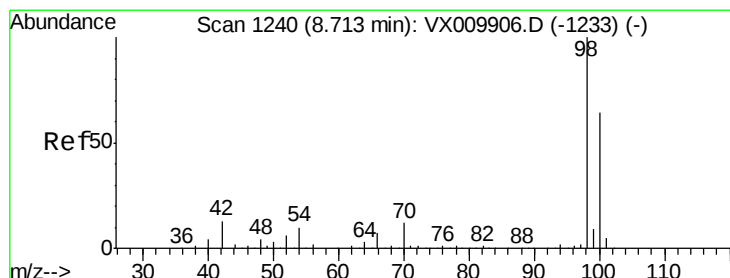
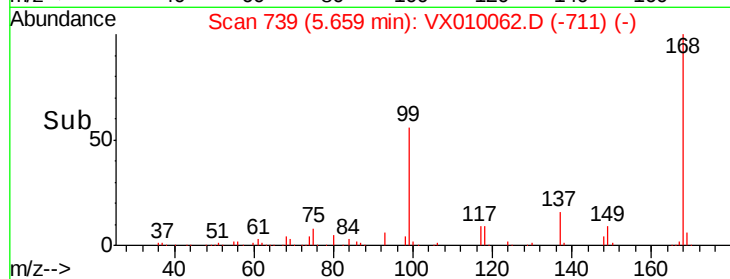
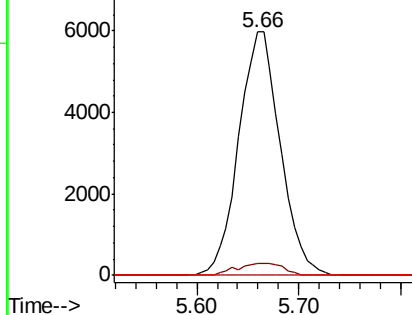
#38
Carbon Tetrachloride
Concen: 6.694 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010062.D
Acq: 04 Jun 2019 16:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 16846
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 25.4 38.0#

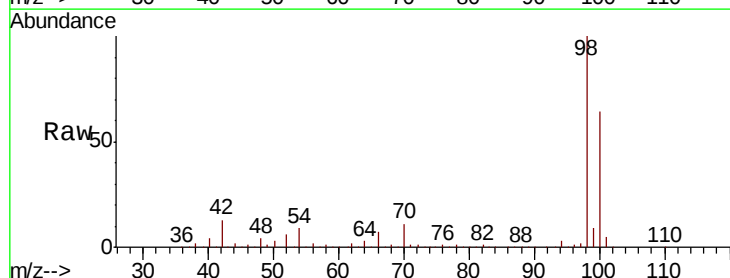


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

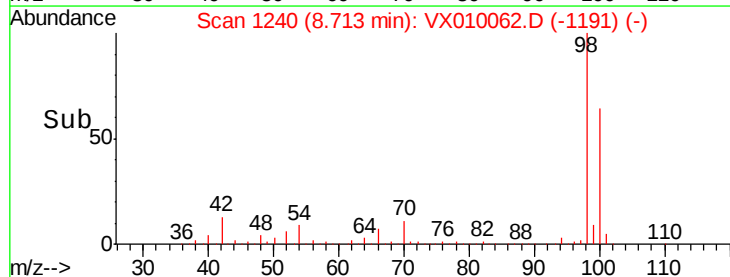
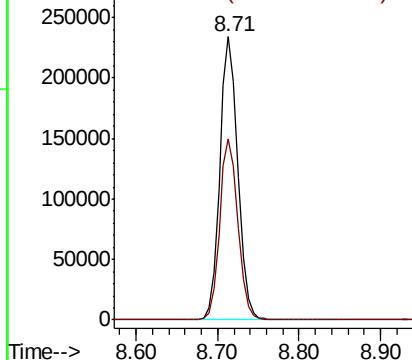


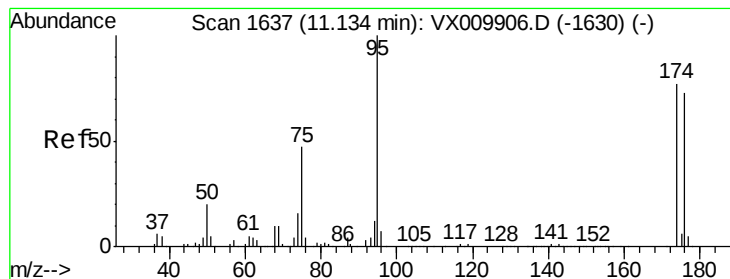
#50
Toluene-d8
Concen: 49.194 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010062.D
Acq: 04 Jun 2019 16:51

Tgt Ion: 98 Resp: 360493
Ion Ratio Lower Upper
98 100
100 64.4 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: 46.501 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010062.D

Acq: 04 Jun 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

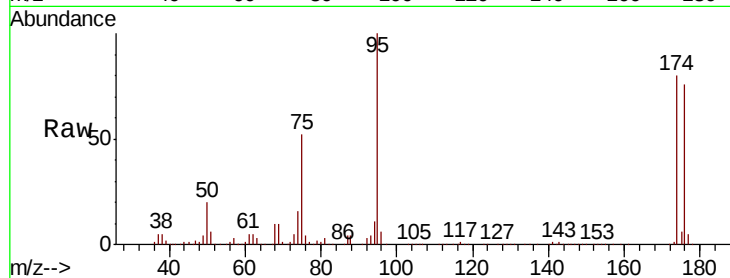
Tot Ion: 95 Resp: 122394

Ion Ratio Lower Upper

95 100

174 83.6 0.0 160.4

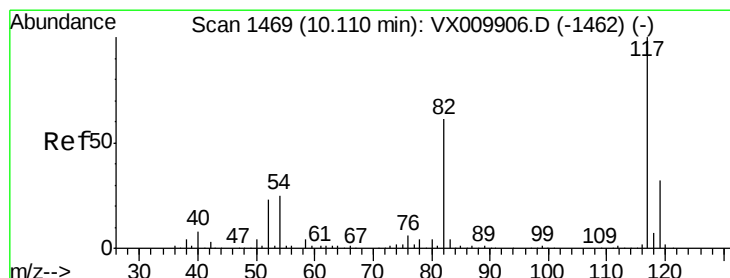
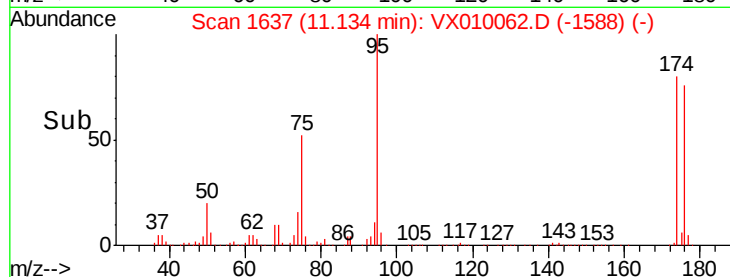
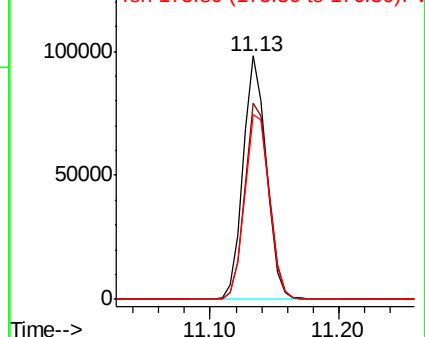
176 80.3 0.0 154.6



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: VX010062.D

Acq: 04 Jun 2019 16:51

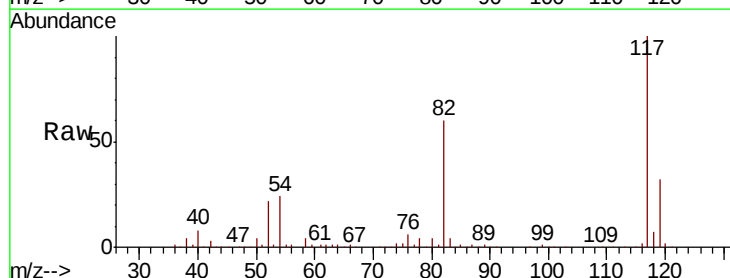
Tgt Ion: 117 Resp: 255149

Ion Ratio Lower Upper

117 100

82 60.5 49.2 73.8

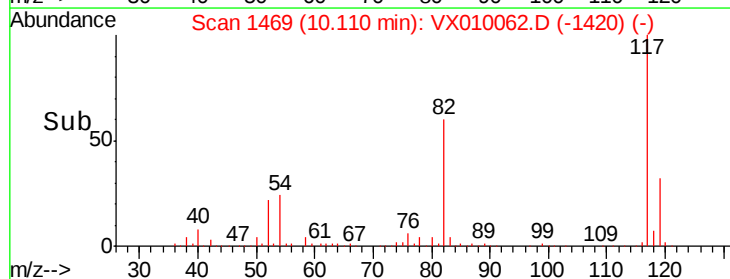
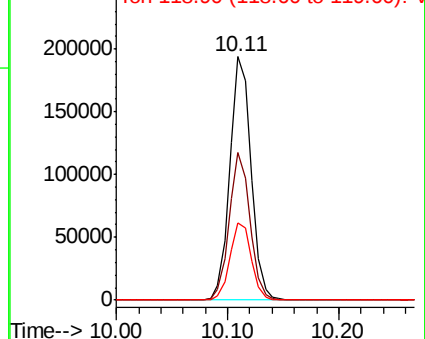
119 31.5 25.2 37.8

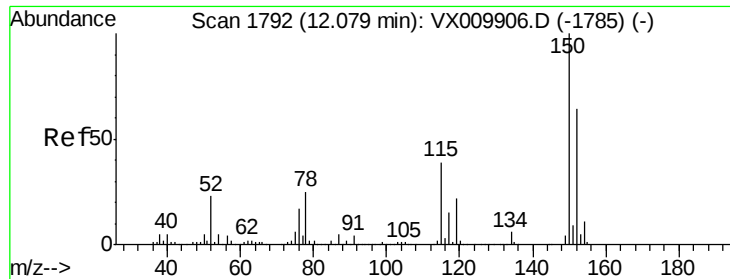


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



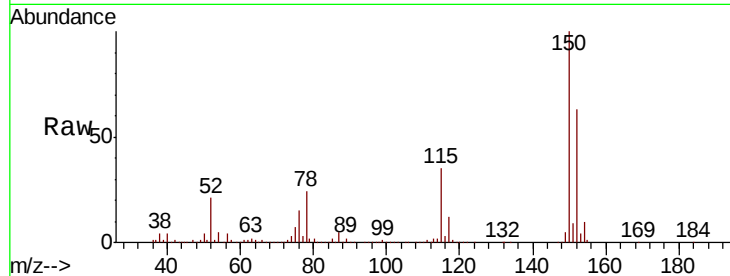


#72

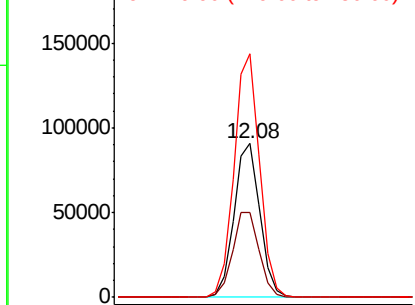
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010062.D
Acq: 04 Jun 2019 16:51

Instrument :
MSVOA_X
ClientSampleId :

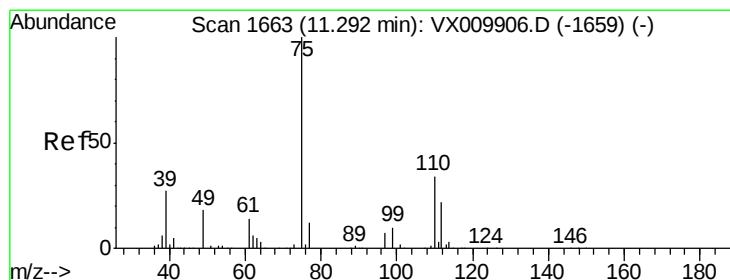
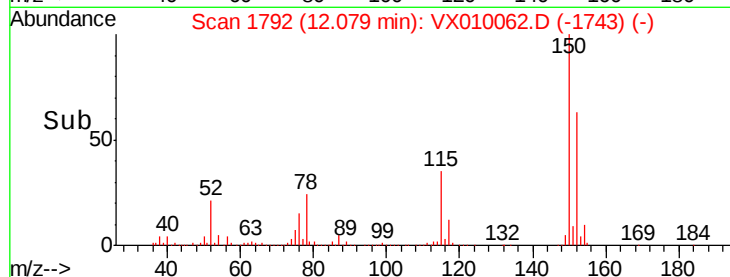
Tot Ion:152 Resp: 113784
Ion Ratio Lower Upper
152 100
115 57.4 41.4 124.2
150 156.5 0.0 345.2



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



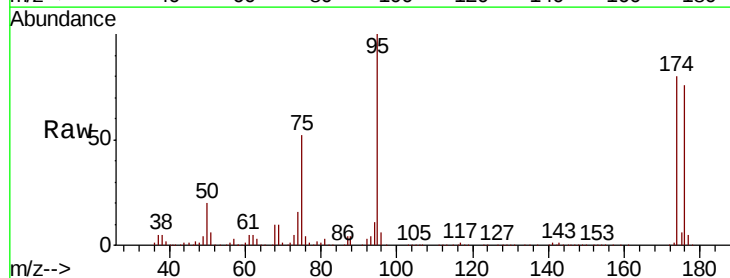
Time--> 12.00 12.05 12.10 12.15



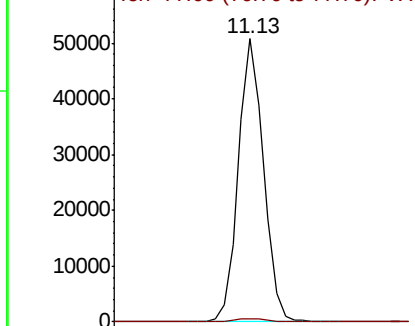
#76

1,2,3-Trichloropropane
Concen: 22.750 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010062.D
Acq: 04 Jun 2019 16:51

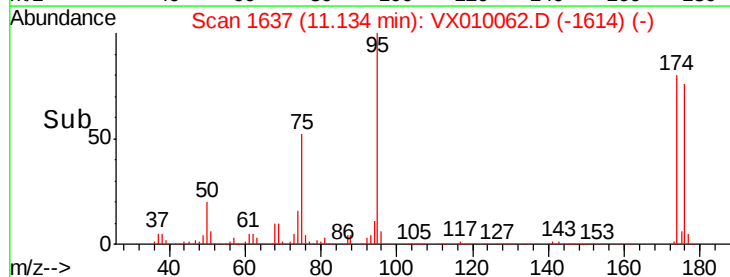
Tgt Ion: 75 Resp: 61902
Ion Ratio Lower Upper
75 100
77 1.3 22.1 66.1#

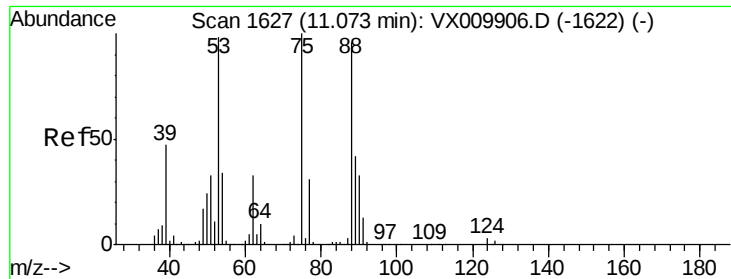


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0



Time--> 11.05 11.10 11.15 11.20





#81

trans-1,4-Dichloro-2-butene

Concen: 56.288 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010062.D

Acq: 04 Jun 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

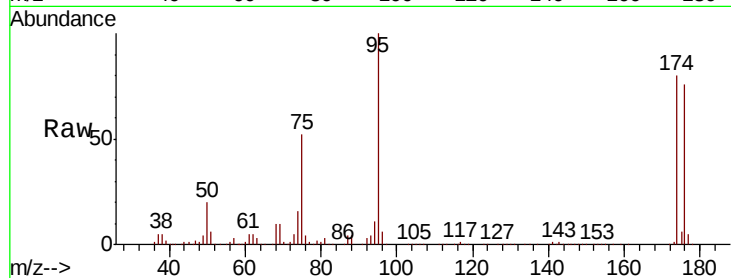
Tot Ion: 75 Resp: 61902

Ion Ratio Lower Upper

75 100

53 0.2 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

