

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010052.D
 Acq On : 04 Jun 2019 11:05
 Operator : JC/SP
 Sample : VX0604MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:17:21 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	5.66	168	176469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105436	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	115941	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
35) Dibromofluoromethane	5.49	113	86727	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
50) Toluene-d8	8.71	98	354894	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	116447	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	

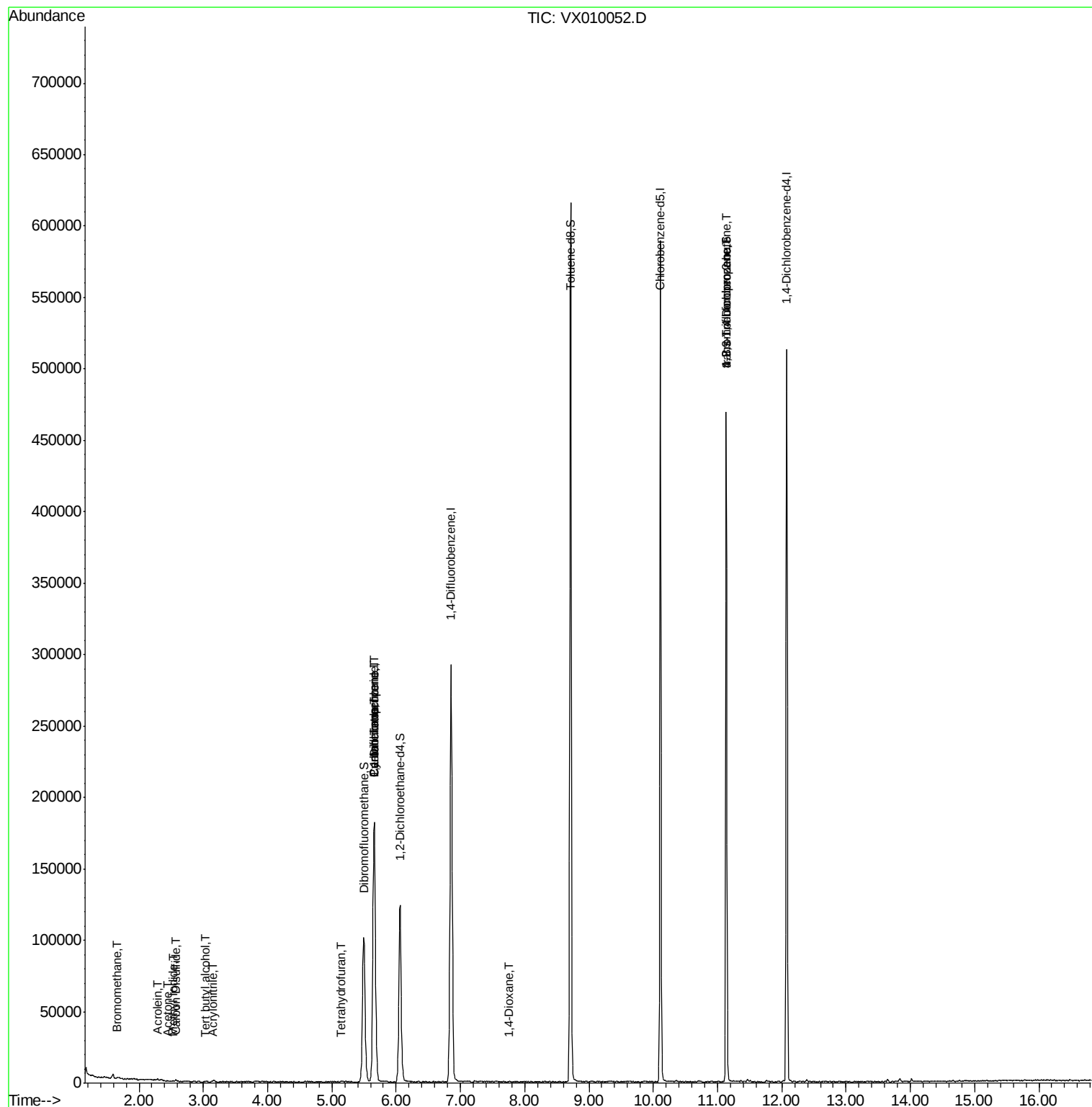
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	463	0.292	ug/l #	72
10) Methyl Iodide	2.52	142	210	4.745	ug/l #	76
11) Tert butyl alcohol	3.03	59	229	0.373	ug/l #	71
13) Acrolein	2.29	56	409	21.958	ug/l #	42
15) Acrylonitrile	3.15	53	469	0.317	ug/l	93
16) Acetone	2.45	43	506	0.351	ug/l #	71
17) Carbon Disulfide	2.57	76	1409	0.643	ug/l #	88
29) Tetrahydrofuran	5.13	42	429	0.298	ug/l #	55
31) Cyclohexane	5.67	56	4028	1.062	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	13430	4.713	ug/l #	46
38) Carbon Tetrachloride	5.65	117	16299	6.620	ug/l #	16
49) 1,4-Dioxane	7.76	88	66	1.119	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	59568	23.626	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	59568	58.454	ug/l #	10

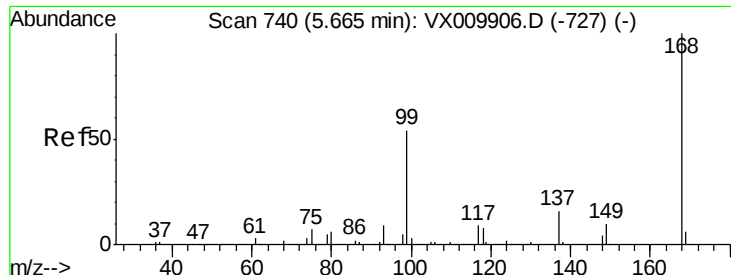
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060419\
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ClientSampleId :

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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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010052.D

Acq: 04 Jun 2019 11:05

Instrument :

MSVOA_X

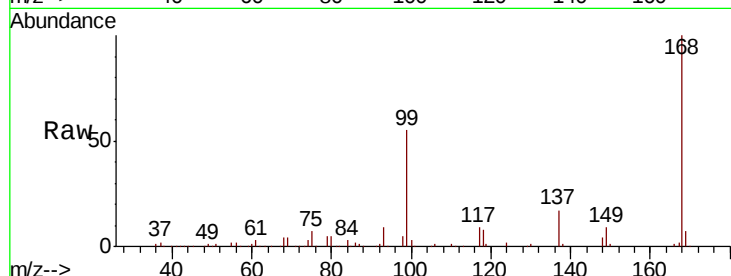
ClientSampleId :

Tot Ion:168 Resp: 176469

Ion Ratio Lower Upper

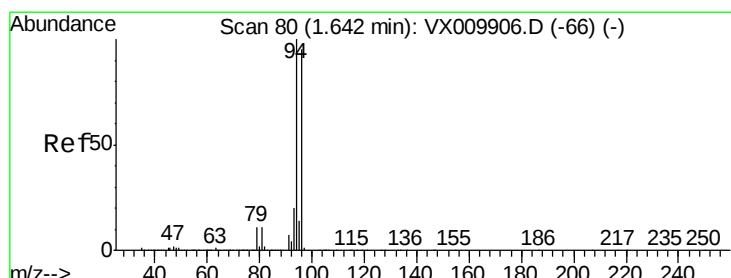
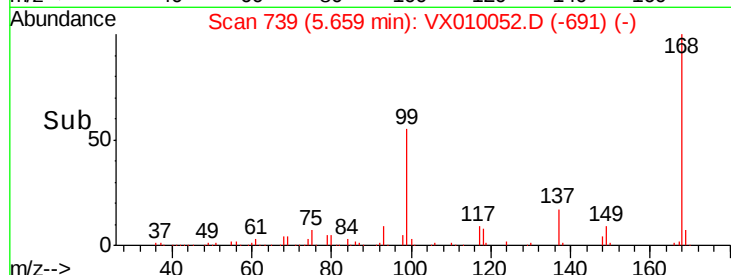
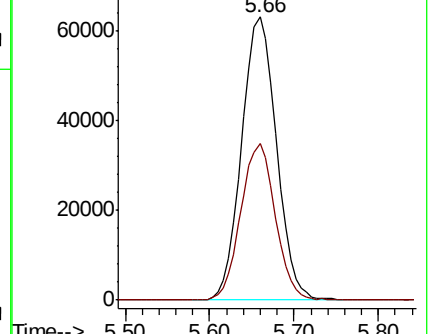
168 100

99 55.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.292 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010052.D

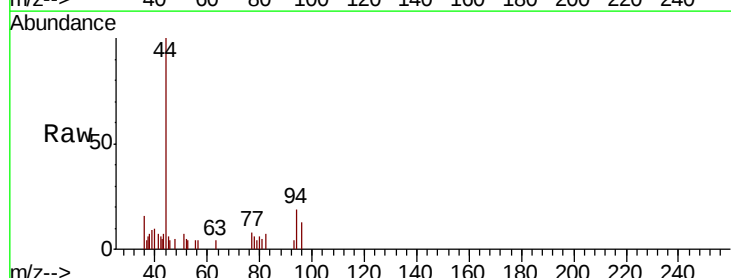
Acq: 04 Jun 2019 11:05

Tgt Ion: 94 Resp: 463

Ion Ratio Lower Upper

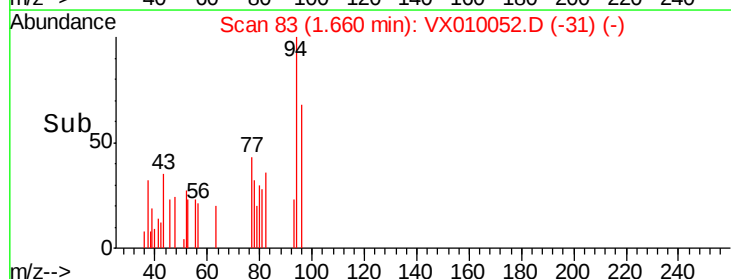
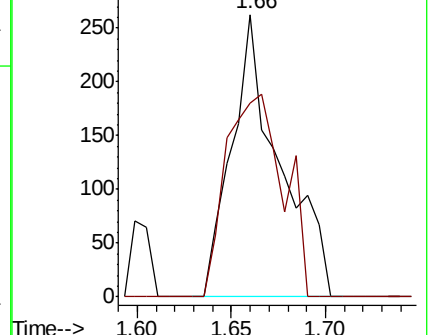
94 100

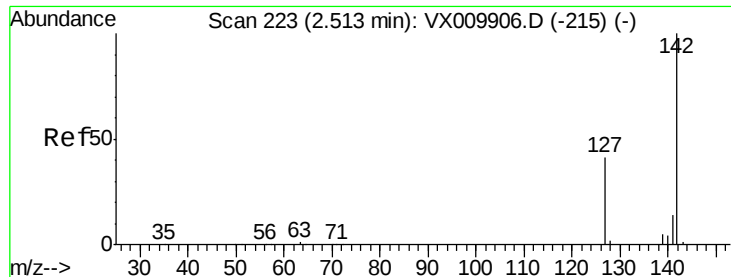
96 68.4 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

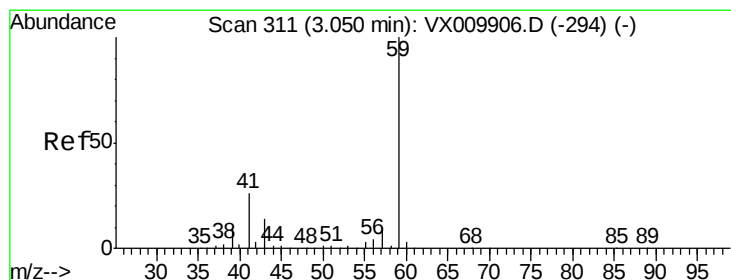
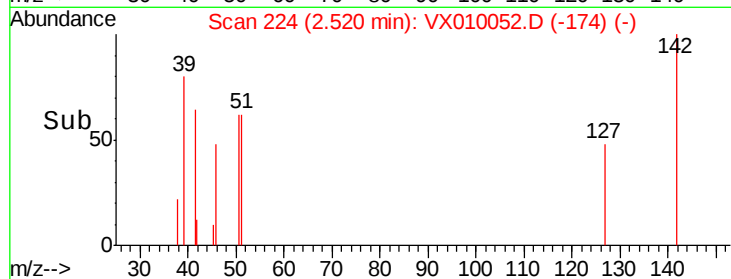
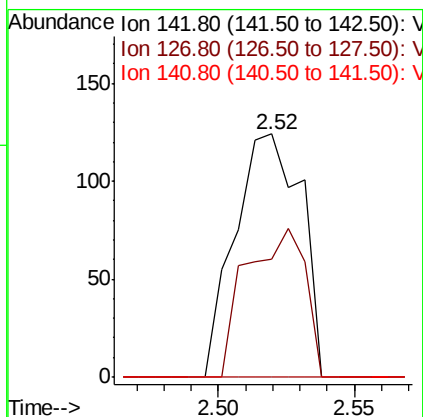
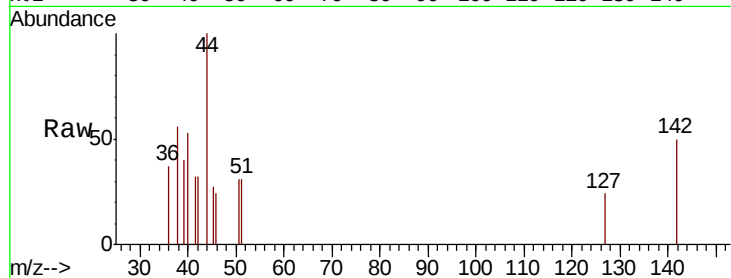




#10
Methvl Iodide
Concen: 4.745 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010052.D
Acq: 04 Jun 2019 11:05

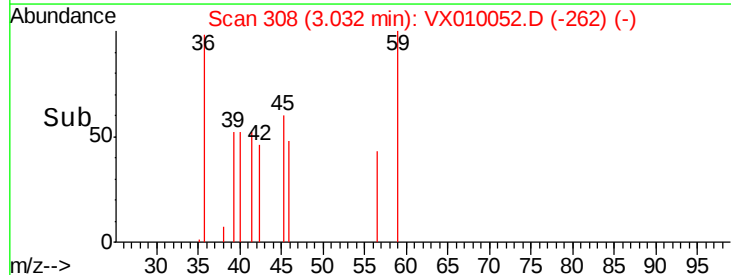
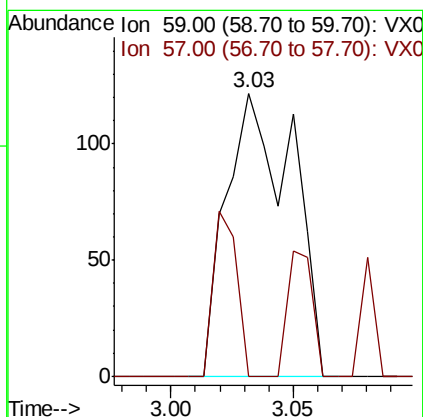
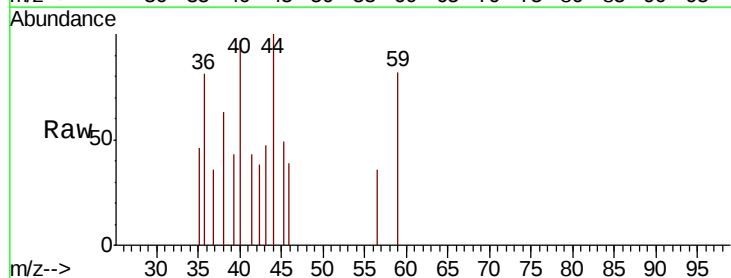
Instrument :
MSVOA_X
ClientSampleId :

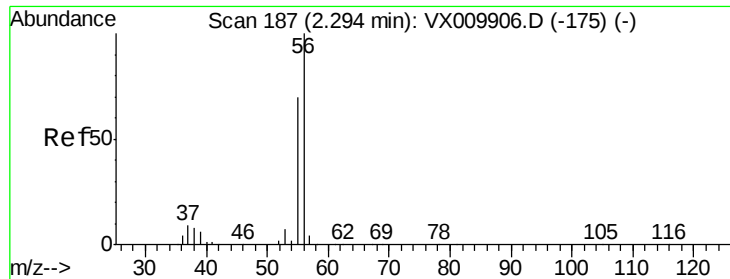
Tot Ion:142 Resp: 210
Ion Ratio Lower Upper
142 100
127 54.3 33.0 49.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.373 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX010052.D
Acq: 04 Jun 2019 11:05

Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 21.0 8.2 12.2#





#13

Acrolein

Concen: 21.958 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010052.D

Acq: 04 Jun 2019 11:05

Instrument :

MSVOA_X

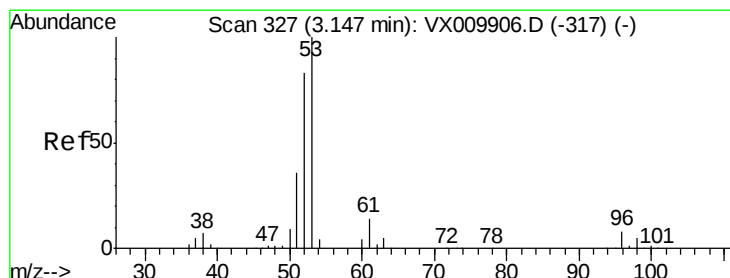
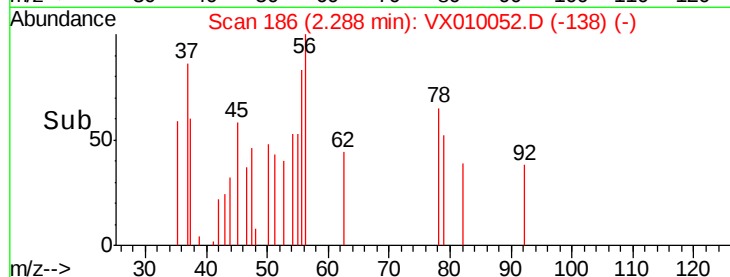
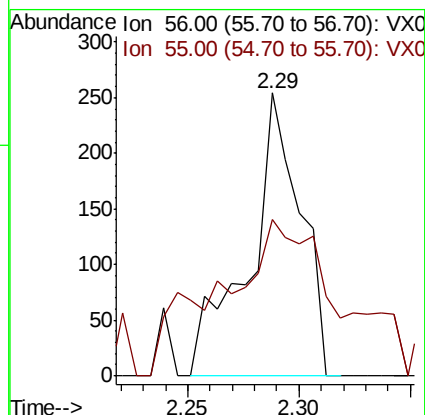
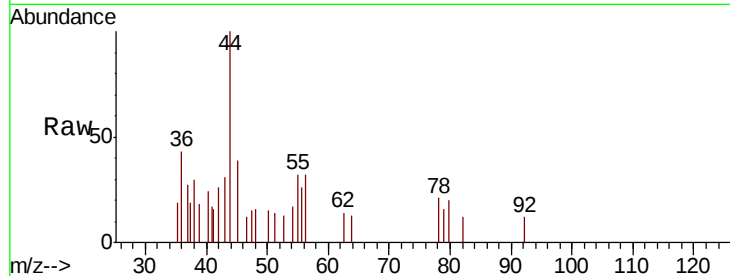
ClientSampled :

Tot Ion: 56 Resp: 409

Ion Ratio Lower Upper

56 100

55 118.8 57.0 85.4#



#15

Acrylonitrile

Concen: 0.317 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX010052.D

Acq: 04 Jun 2019 11:05

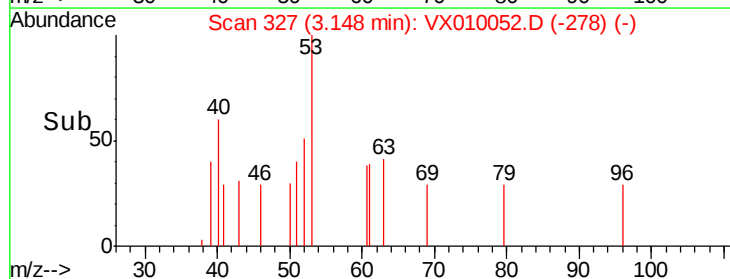
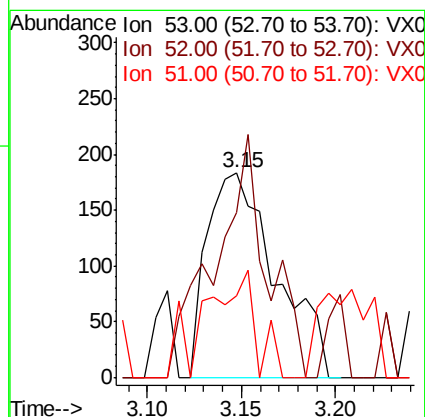
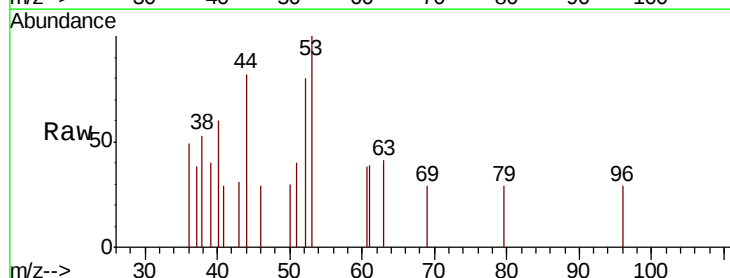
Tgt Ion: 53 Resp: 469

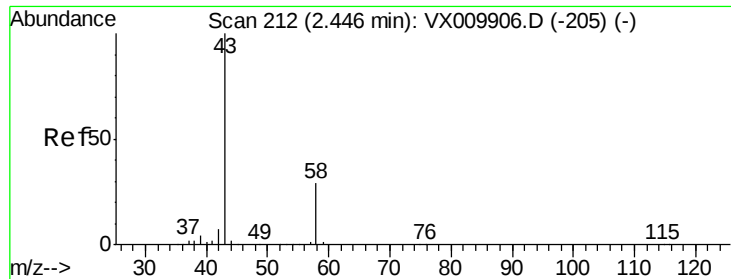
Ion Ratio Lower Upper

53 100

52 90.2 66.7 100.1

51 38.6 28.8 43.2





#16

Acetone

Concen: 0.351 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010052.D

Acq: 04 Jun 2019 11:05

Instrument :

MSVOA_X

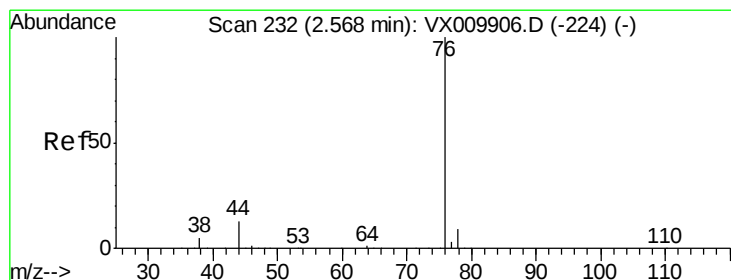
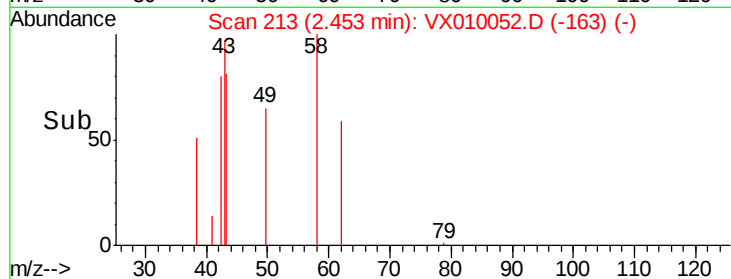
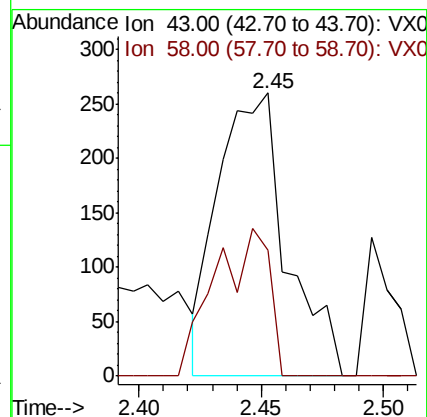
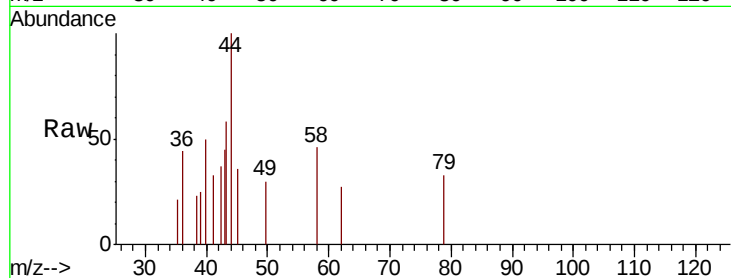
ClientSampled :

Tot Ion: 43 Resp: 506

Ion Ratio Lower Upper

43 100

58 44.6 23.2 34.8#



#17

Carbon Disulfide

Concen: 0.643 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010052.D

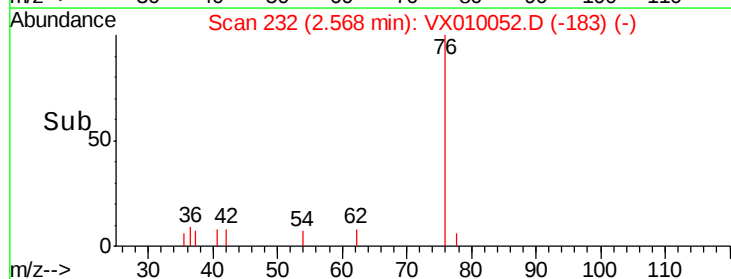
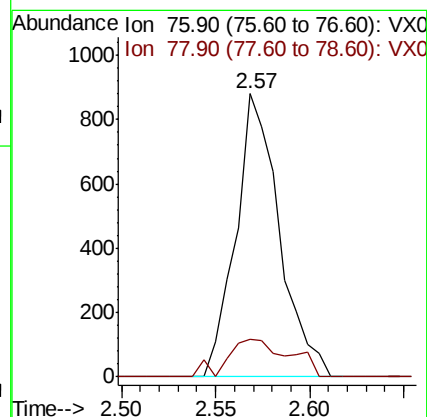
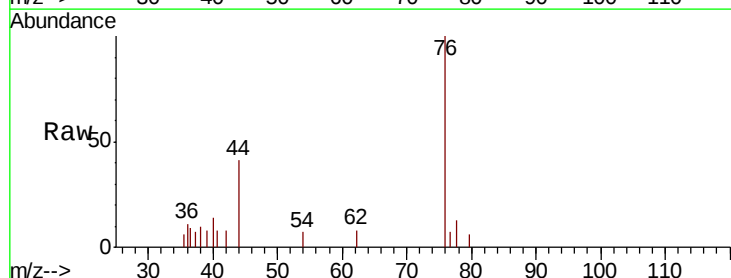
Acq: 04 Jun 2019 11:05

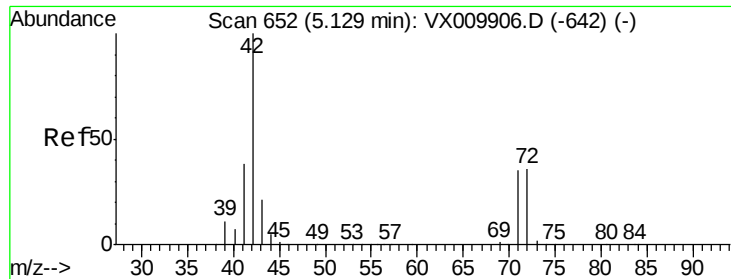
Tgt Ion: 76 Resp: 1409

Ion Ratio Lower Upper

76 100

78 13.2 7.0 10.6#





#29

Tetrahydrofuran

Concen: 0.298 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010052.D

Acq: 04 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampled :

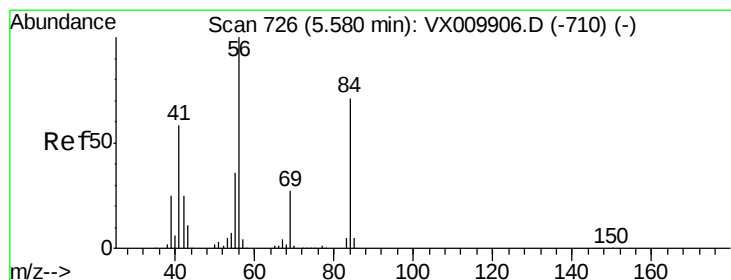
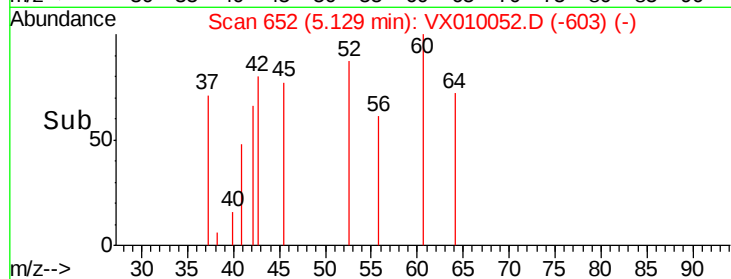
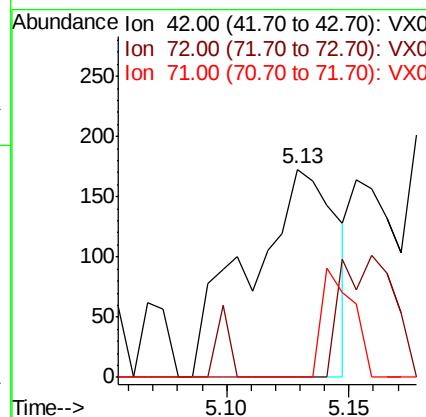
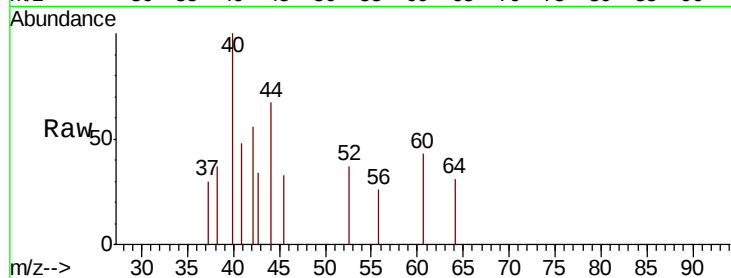
Tot Ion: 42 Resp: 429

Ion Ratio Lower Upper

42 100

72 0.0 29.2 43.8#

71 19.1 27.6 41.4#



#31

Cyclohexane

Concen: 1.062 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX010052.D

Acq: 04 Jun 2019 11:05

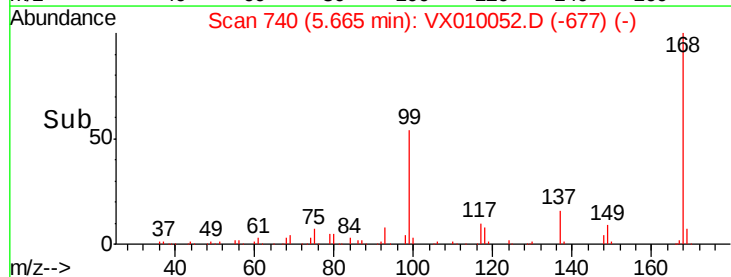
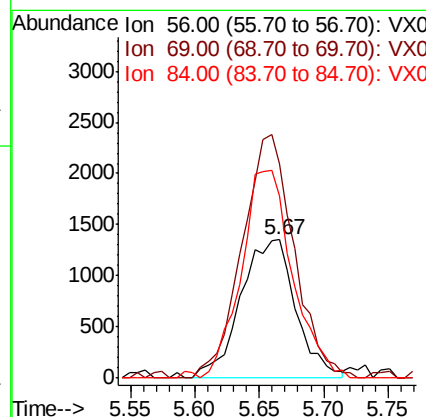
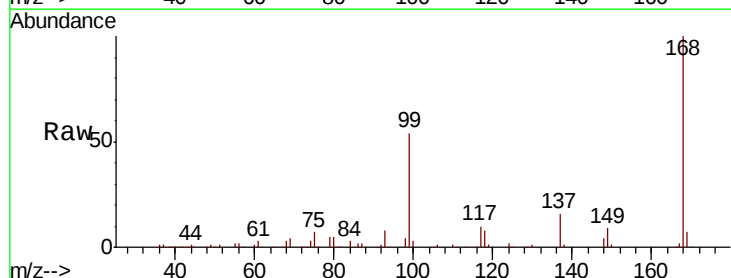
Tgt Ion: 56 Resp: 4028

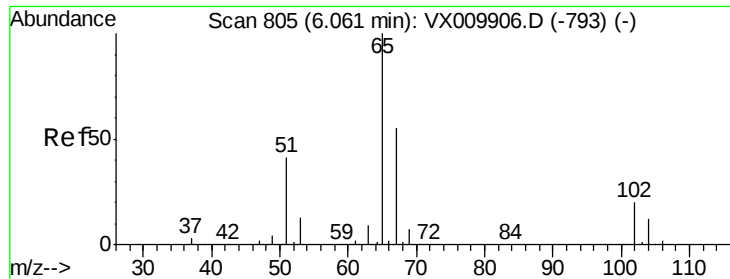
Ion Ratio Lower Upper

56 100

69 155.6 21.6 32.4#

84 127.6 56.8 85.2#

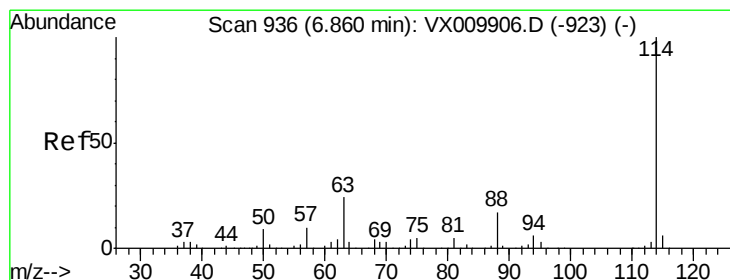
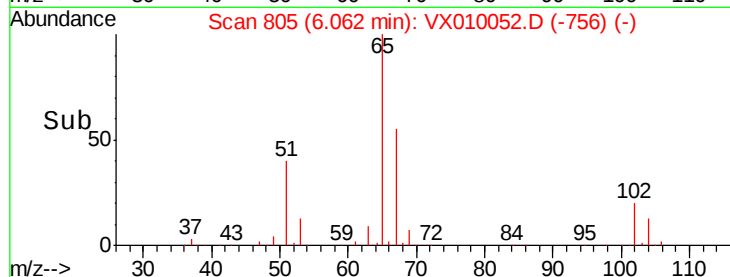
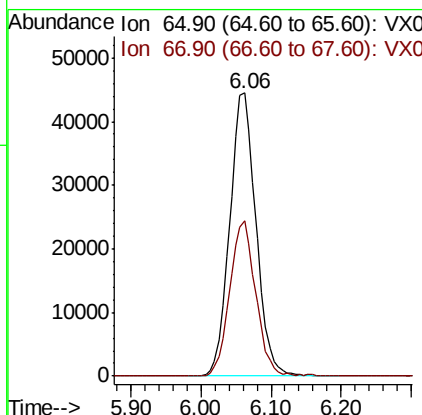
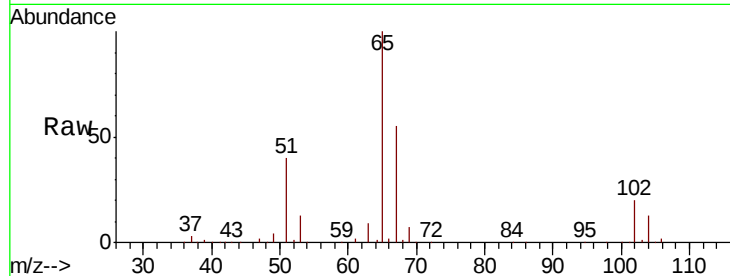




#33
 1,2-Dichloroethane-d4
 Concen: 46.511 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010052.D
 Acq: 04 Jun 2019 11:05

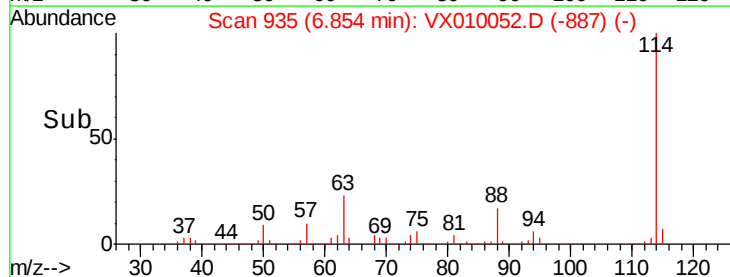
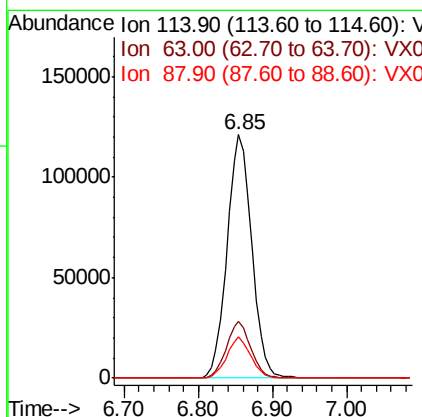
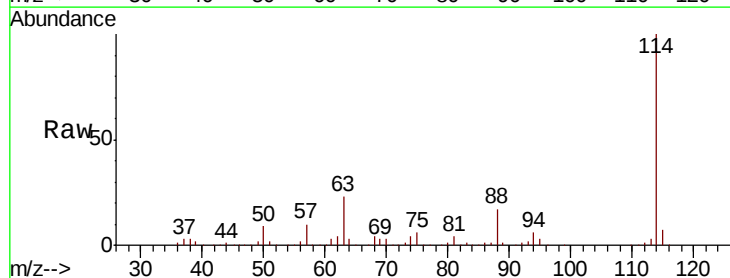
Instrument :
 MSVOA_X
 ClientSampleId :

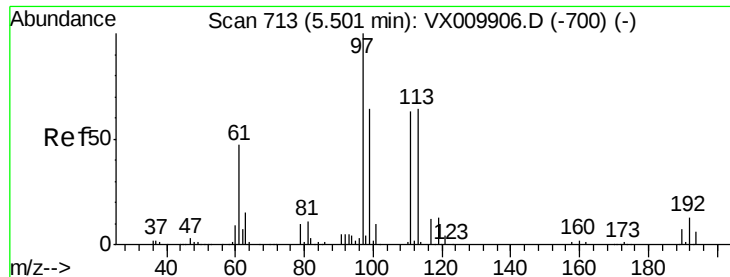
Tot Ion: 65 Resp: 115941
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX010052.D
 Acq: 04 Jun 2019 11:05

Tgt Ion: 114 Resp: 280827
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.4
 88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.121 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010052.D

Acq: 04 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :

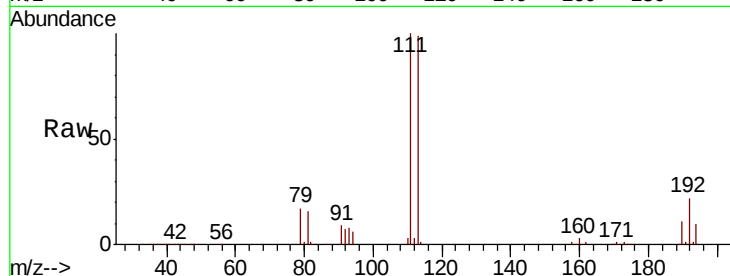
Tot Ion:113 Resp: 86727

Ion Ratio Lower Upper

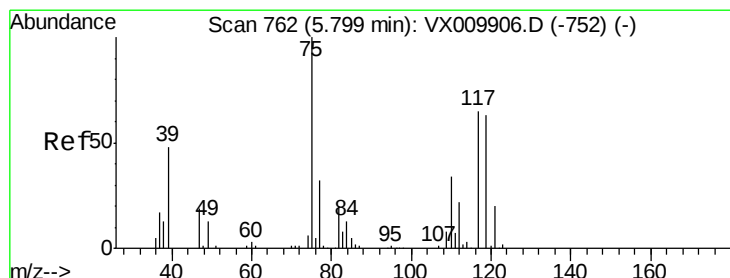
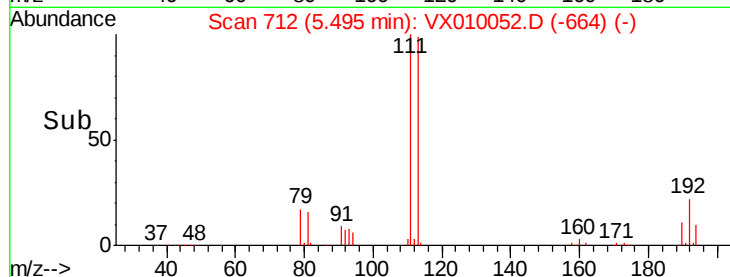
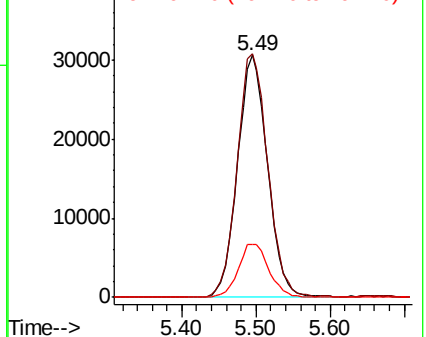
113 100

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: 4.713 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX010052.D

Acq: 04 Jun 2019 11:05

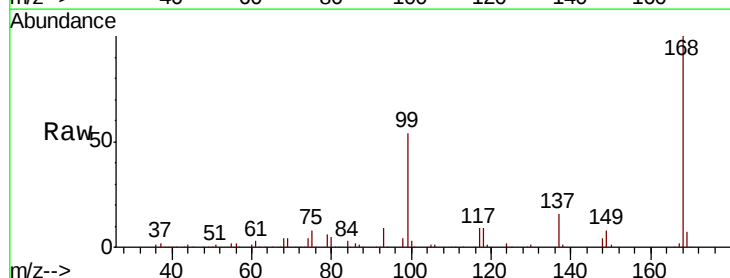
Tgt Ion: 75 Resp: 13430

Ion Ratio Lower Upper

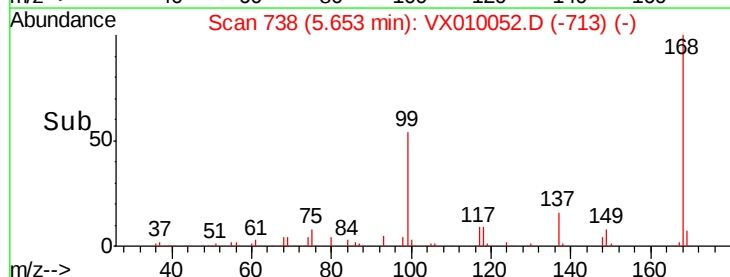
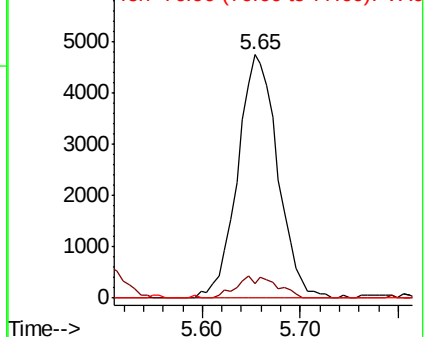
75 100

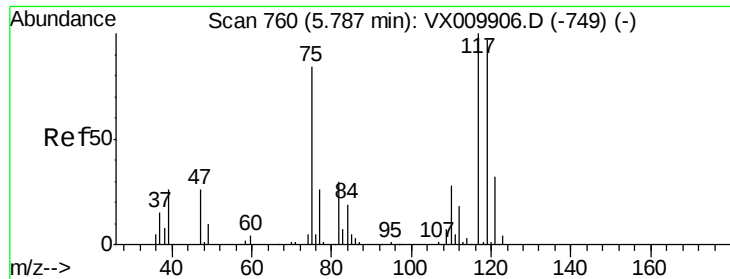
110 4.3 16.7 50.1#

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: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX010052.D

Acq: 04 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

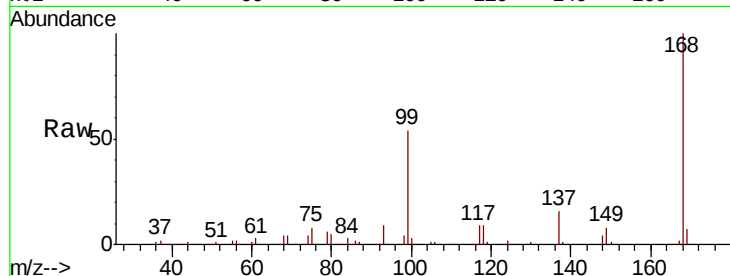
Tot Ion:117 Resp: 16299

Ion Ratio Lower Upper

117 100

119 5.6 77.3 115.9#

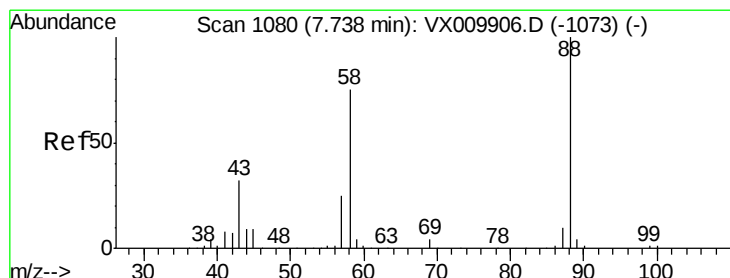
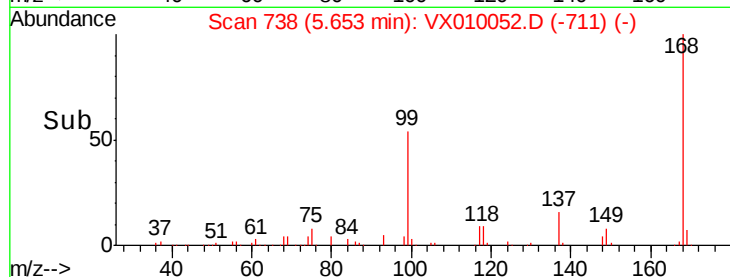
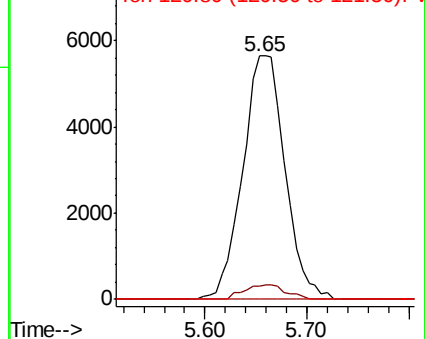
121 0.0 25.4 38.0#



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



#49

1,4-Dioxane

Concen: 1.119 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.02 min

Lab File: VX010052.D

Acq: 04 Jun 2019 11:05

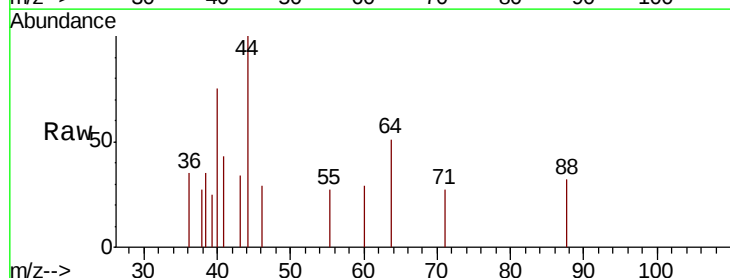
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

43 251.5 30.2 45.4#

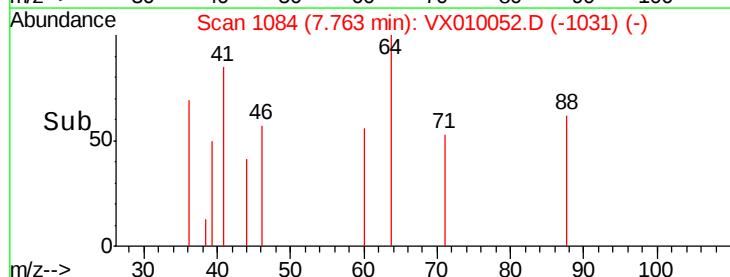
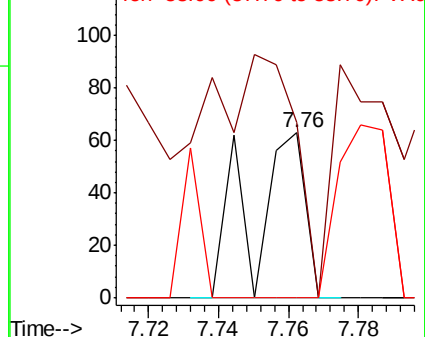
58 0.0 64.0 96.0#

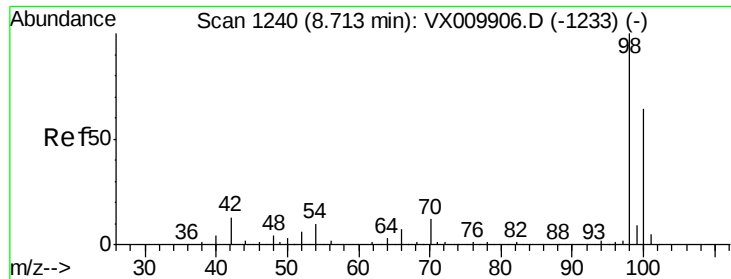


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

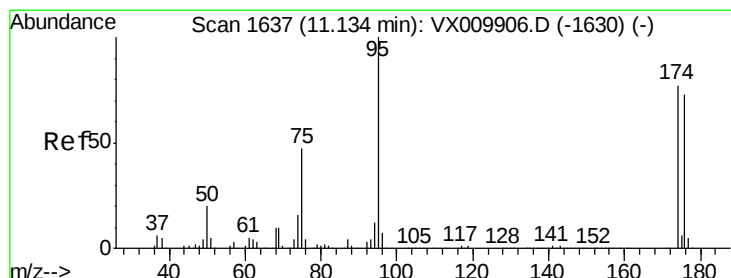
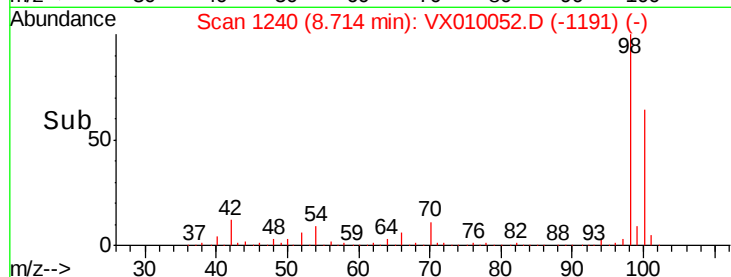
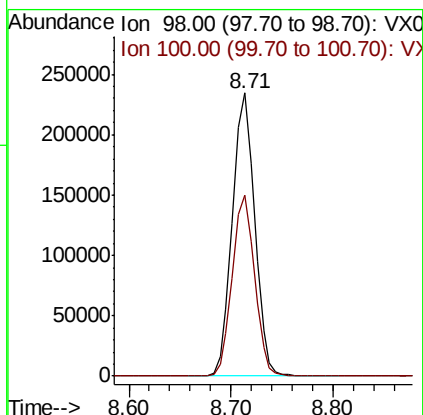
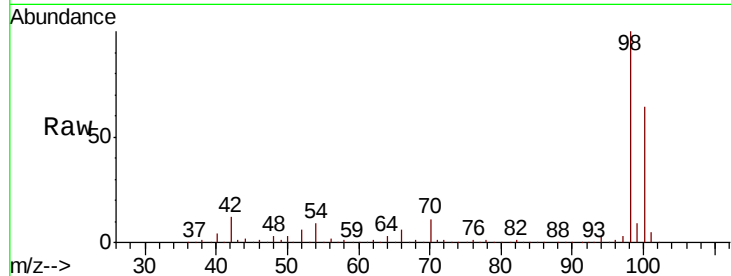




#50
Toluene-d8
Concen: 49.500 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010052.D
Acq: 04 Jun 2019 11:05

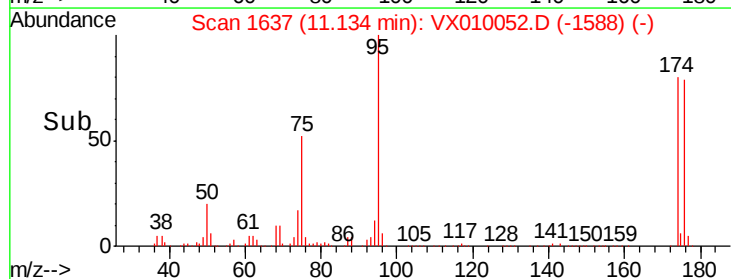
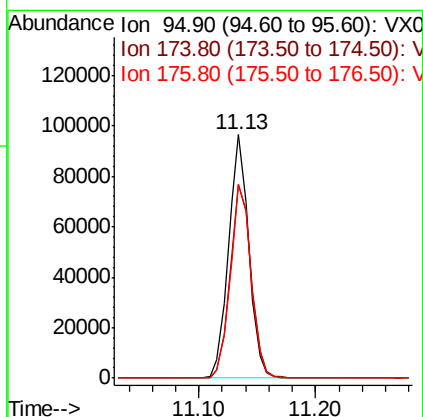
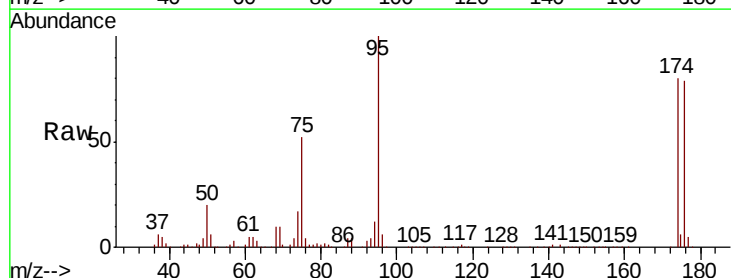
Instrument :
MSVOA_X
ClientSampled :

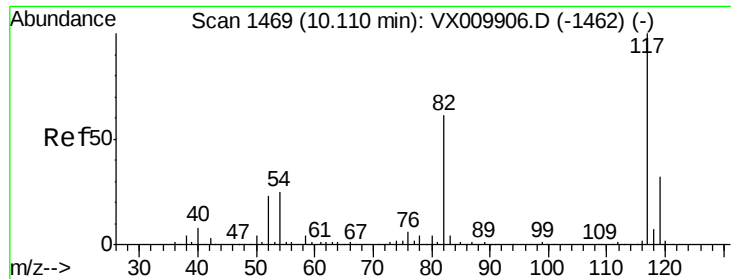
Tot Ion: 98 Resp: 354894
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.219 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010052.D
Acq: 04 Jun 2019 11:05

Tgt Ion: 95 Resp: 116447
Ion Ratio Lower Upper
95 100
174 82.9 0.0 160.4
176 81.4 0.0 154.6

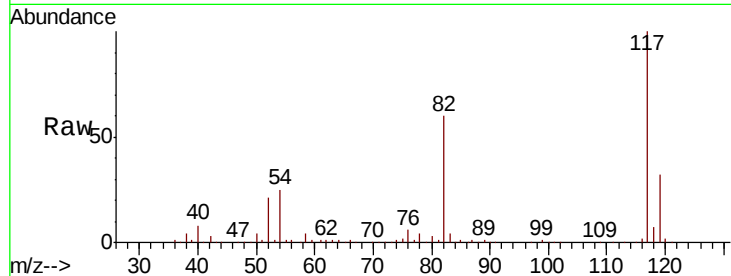




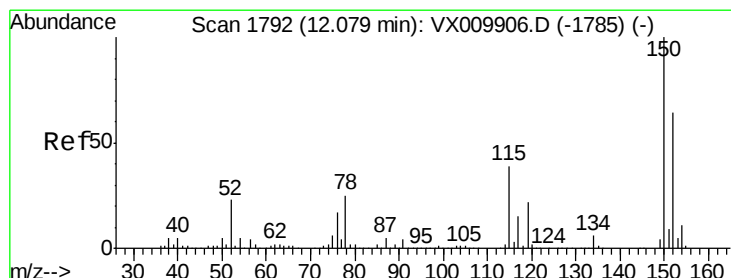
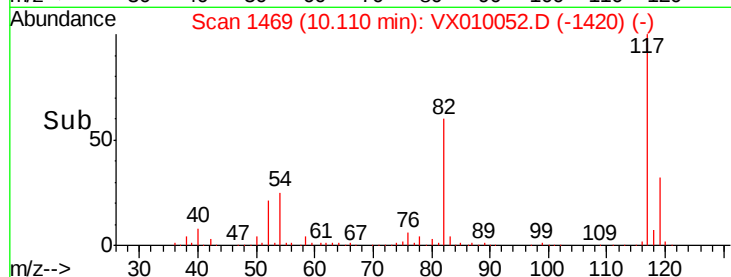
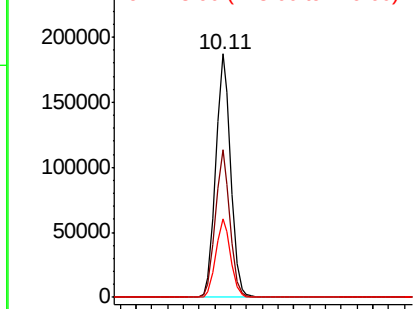
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010052.D
Acq: 04 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 246810
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 32.5 25.2 37.8

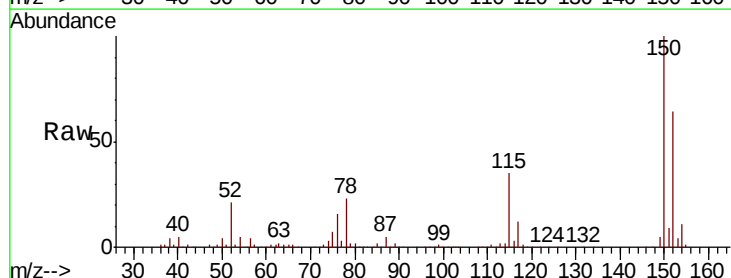


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

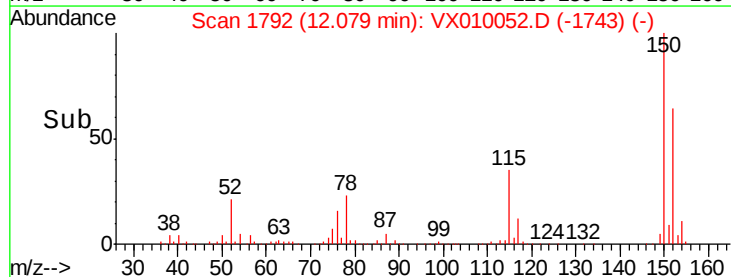
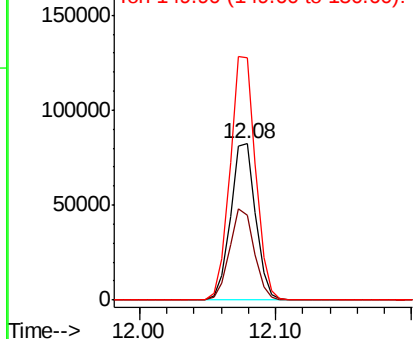


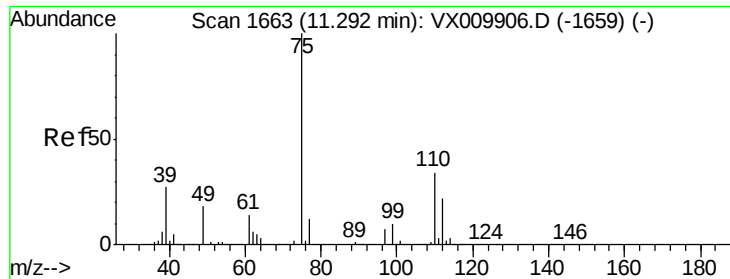
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010052.D
Acq: 04 Jun 2019 11:05

Tgt Ion:152 Resp: 105436
Ion Ratio Lower Upper
152 100
115 57.8 41.4 124.2
150 158.2 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



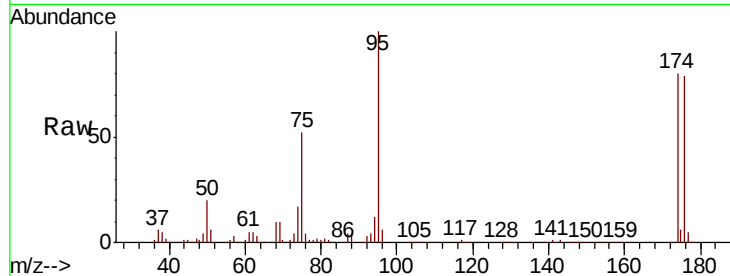


#76

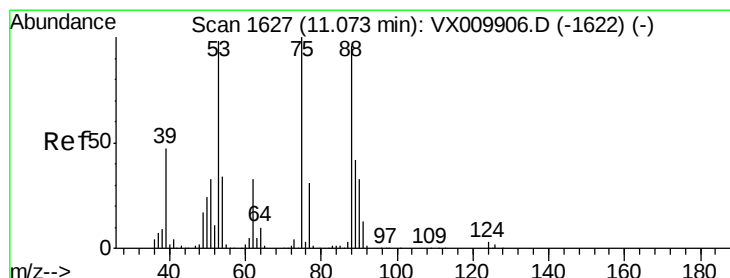
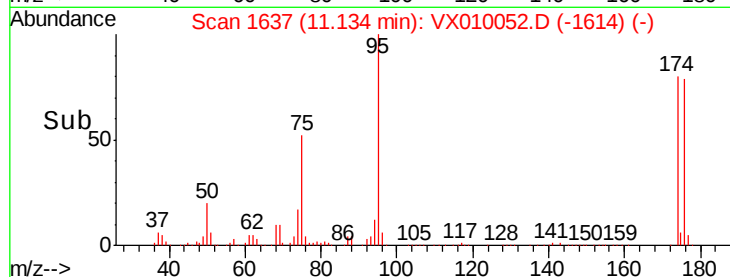
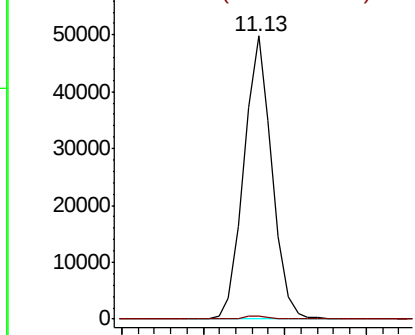
1,2,3-Trichloropropane
Concen: 23.626 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010052.D
Acq: 04 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 59568
Ion Ratio Lower Upper
75 100
77 1.1 22.1 66.1#



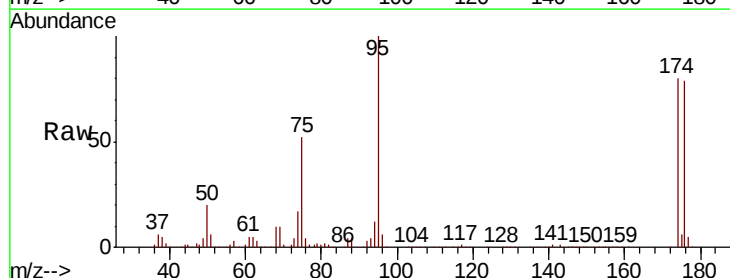
Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene
Concen: 58.454 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010052.D
Acq: 04 Jun 2019 11:05

Tgt Ion: 75 Resp: 59568
Ion Ratio Lower Upper
75 100
53 0.1 79.8 119.6#
89 0.1 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

