

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010268.D
 Acq On : 13 Jun 2019 12:31
 Operator : JC/SP
 Sample : VX0613MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:31:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	307349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	464271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	407536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185078	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	139945	46.65	ug/l	0.00
Spiked Amount			Recovery	=	93.30%	
35) Dibromofluoromethane	5.49	113	143210	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
50) Toluene-d8	8.71	98	540954	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	177455	44.27	ug/l	0.00
Spiked Amount			Recovery	=	88.54%	

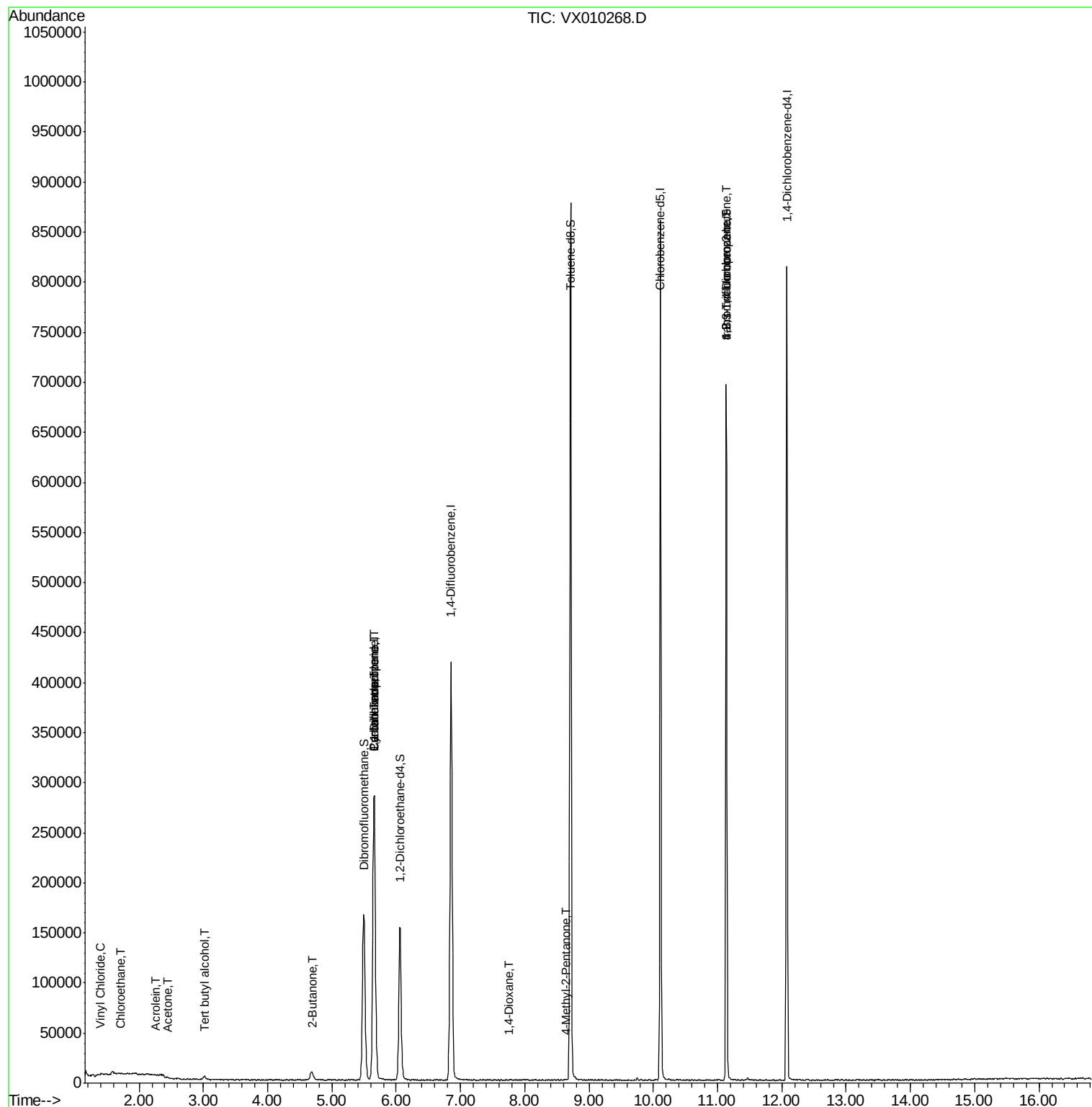
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	1110	0.421	ug/l	94
6) Chloroethane	1.71	64	1885	1.416	ug/l #	73
11) Tert butyl alcohol	3.01	59	2014	2.740	ug/l #	88
13) Acrolein	2.26	56	34	0.254	ug/l #	1
16) Acetone	2.44	43	958	0.679	ug/l	90
25) 2-Butanone	4.70	43	806	0.384	ug/l	99
31) Cyclohexane	5.66	56	5089	1.166	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	18405	4.859	ug/l #	53
38) Carbon Tetrachloride	5.65	117	27122	6.326	ug/l #	15
49) 1,4-Dioxane	7.75	88	19	0.216	ug/l #	1
51) 4-Methyl-2-Pentanone	8.63	43	803	0.204	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	82297	22.231	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	82297	49.118	ug/l #	10

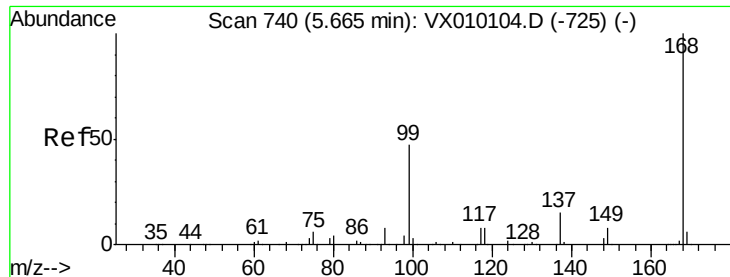
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061319\
Data File : VX010268.D
Acq On : 13 Jun 2019 12:31
Operator : JC/SP
Sample : VX0613MBL01
Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jun 14 03:31:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 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: VX010268.D

Acq: 13 Jun 2019 12:31

Instrument :

MSVOA_X

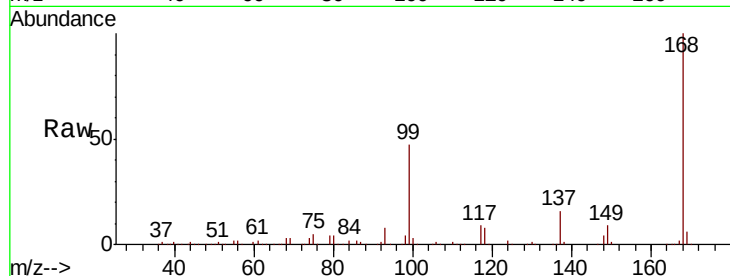
ClientSampleId :

Tot Ion:168 Resp: 307349

Ion Ratio Lower Upper

168 100

99 47.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

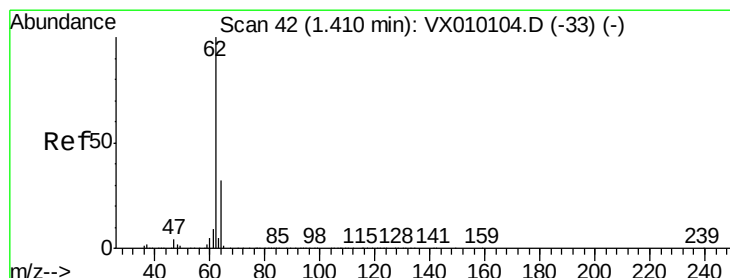
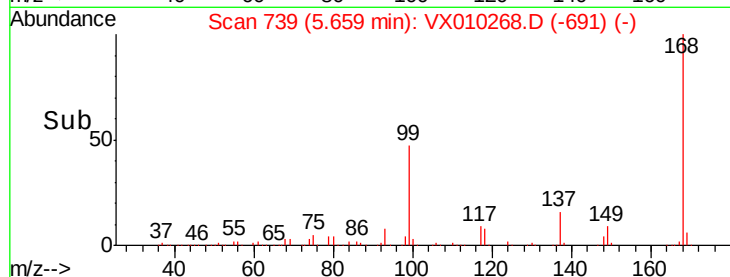
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.421 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010268.D

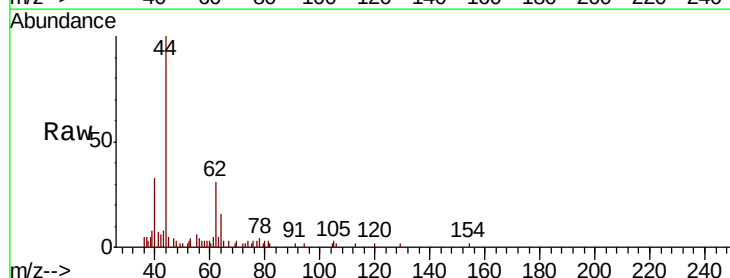
Acq: 13 Jun 2019 12:31

Tgt Ion: 62 Resp: 1110

Ion Ratio Lower Upper

62 100

64 28.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

1000

800

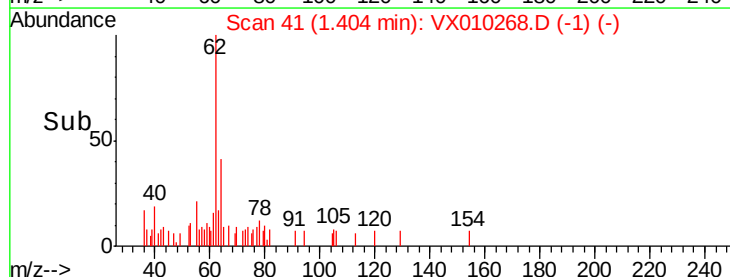
600

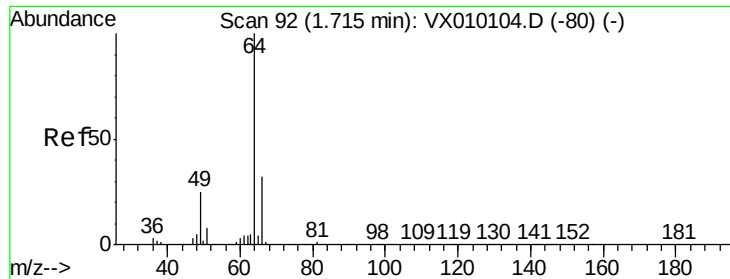
400

200

0

Time-->





#6

Chloroethane

Concen: 1.416 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX010268.D

Acq: 13 Jun 2019 12:31

Instrument :

MSVOA_X

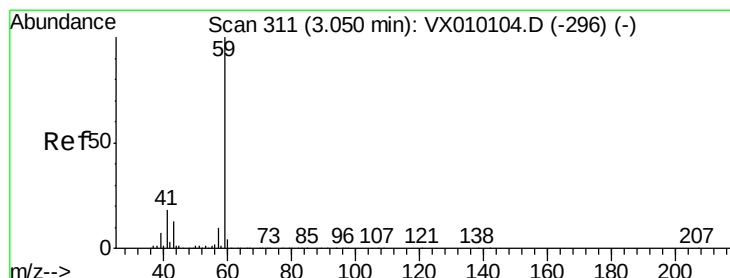
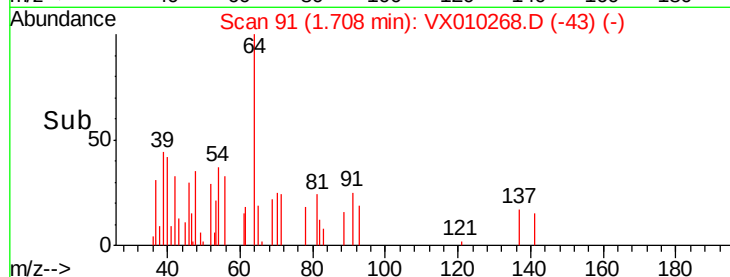
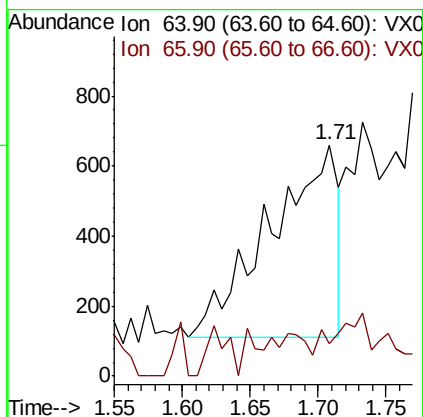
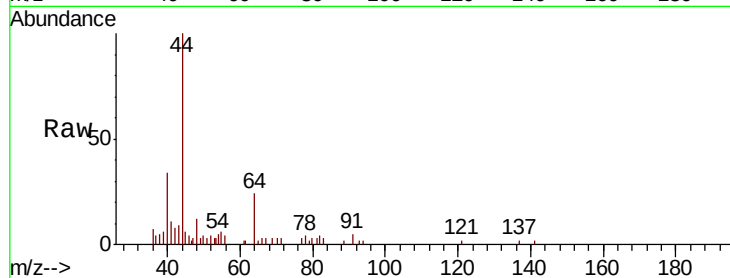
ClientSampled :

Tot Ion: 64 Resp: 1885

Ion Ratio Lower Upper

64 100

66 16.7 25.1 37.7#



#11

Tert butyl alcohol

Concen: 2.740 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX010268.D

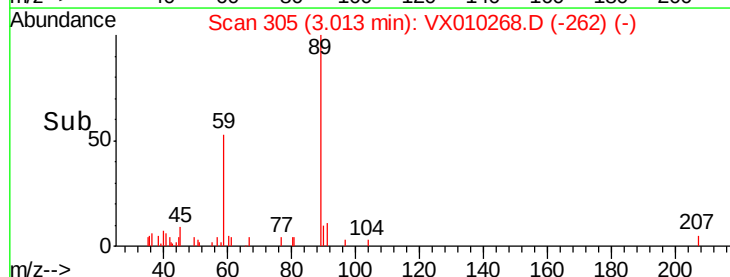
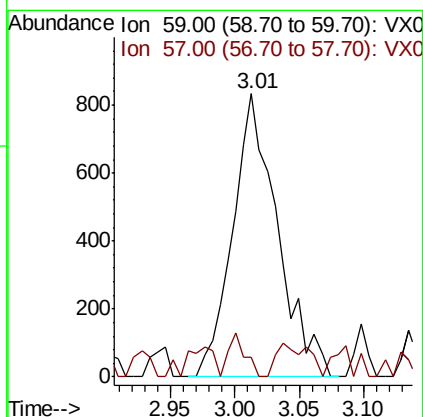
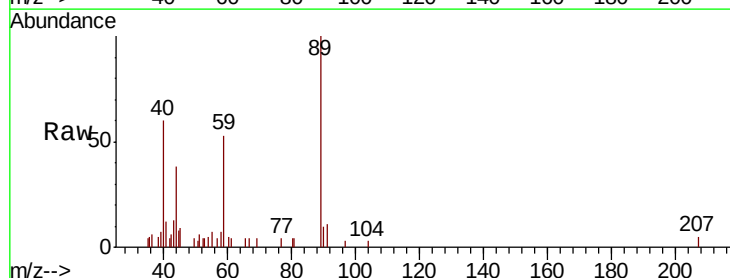
Acq: 13 Jun 2019 12:31

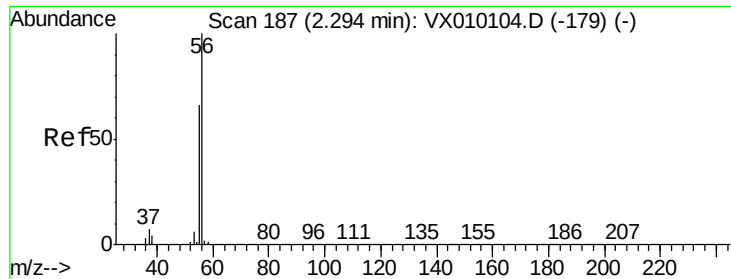
Tgt Ion: 59 Resp: 2014

Ion Ratio Lower Upper

59 100

57 5.8 8.2 12.2#





#13

Acrolein

Concen: 0.254 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX010268.D

Acq: 13 Jun 2019 12:31

Instrument :

MSVOA_X

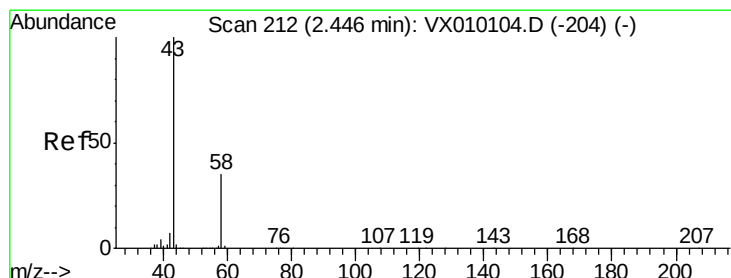
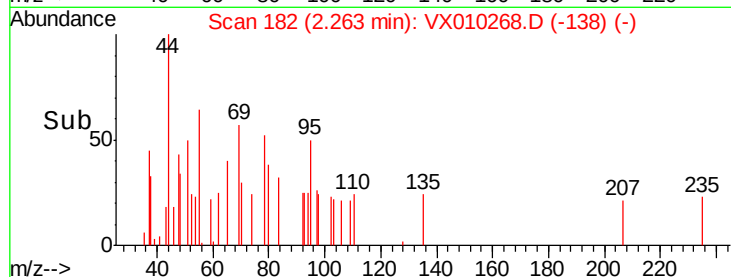
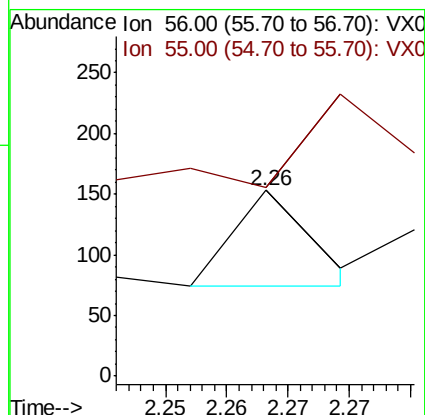
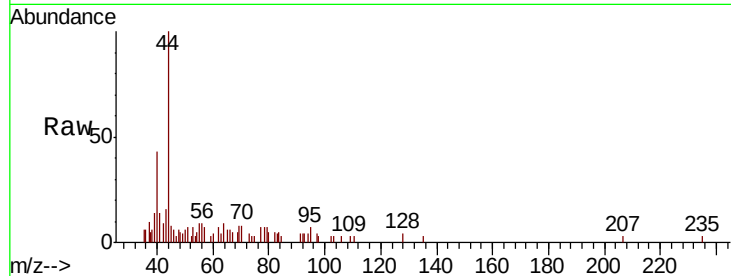
ClientSampleId :

Tot Ion: 56 Resp: 34

Ion Ratio Lower Upper

56 100

55 961.8 57.0 85.4#



#16

Acetone

Concen: 0.679 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010268.D

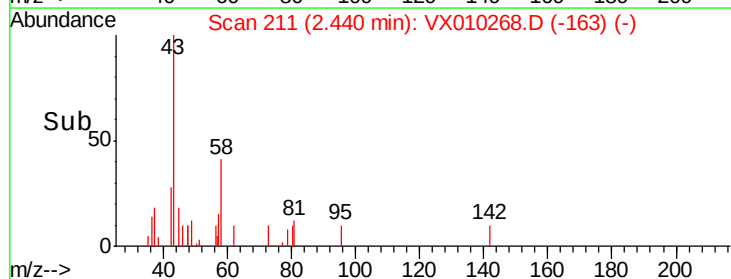
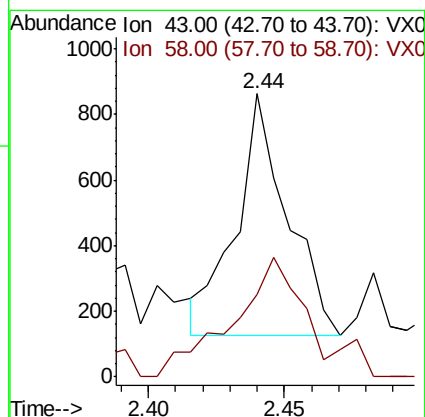
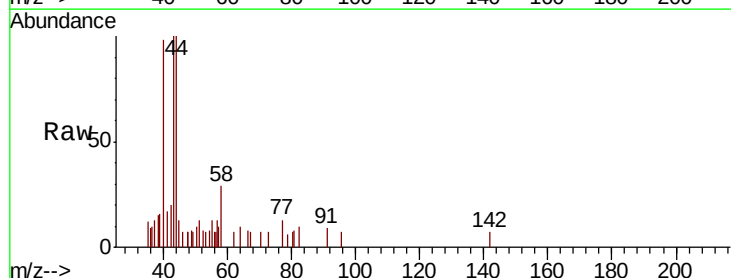
Acq: 13 Jun 2019 12:31

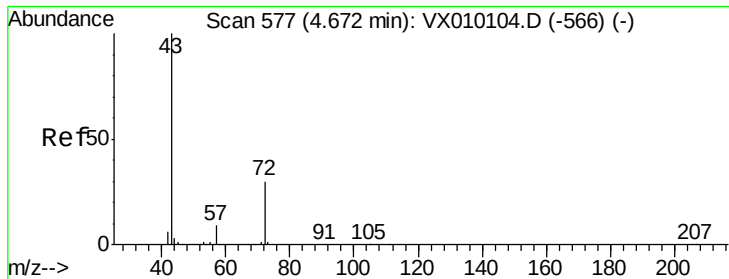
Tgt Ion: 43 Resp: 958

Ion Ratio Lower Upper

43 100

58 23.8 23.2 34.8





#25

2-Butanone

Concen: 0.384 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX010268.D

Acq: 13 Jun 2019 12:31

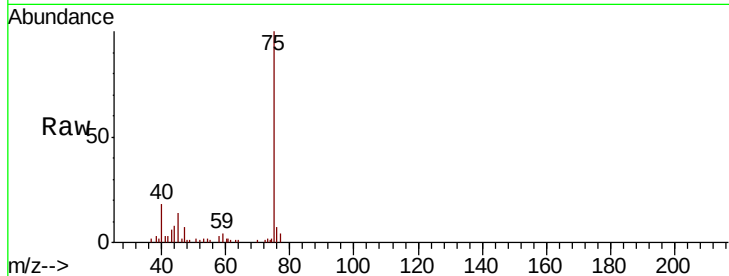
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 806

Ion Ratio Lower Upper

43 100

72 22.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300

250

200

150

100

50

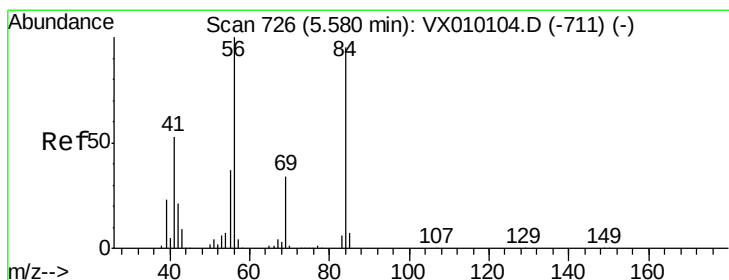
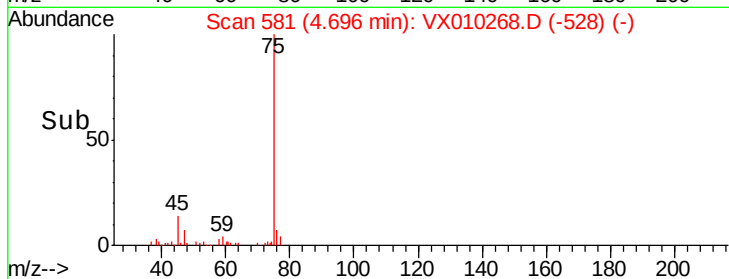
0

4.60

4.65

4.70

Time-->



#31

Cyclohexane

Concen: 1.166 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX010268.D

Acq: 13 Jun 2019 12:31

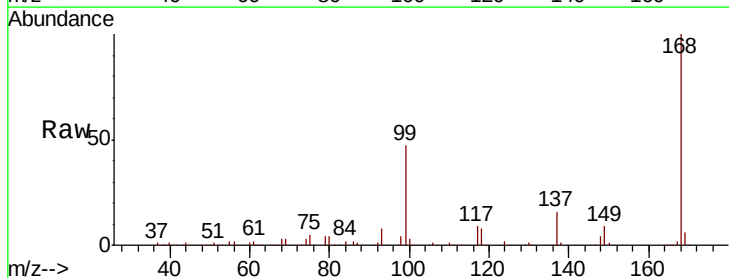
Tgt Ion: 56 Resp: 5089

Ion Ratio Lower Upper

56 100

69 166.3 21.6 32.4#

84 144.4 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

4000

3000

2000

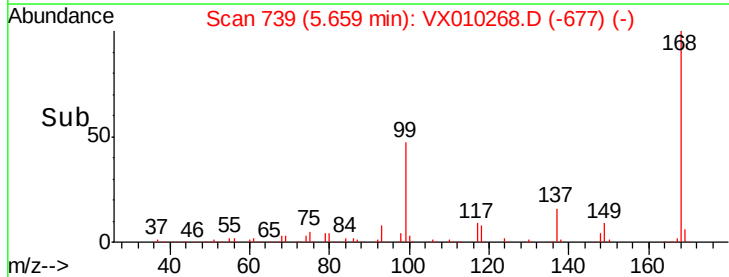
1000

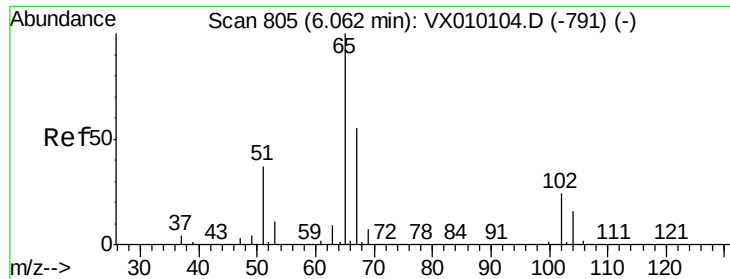
0

5.60

5.70

Time-->

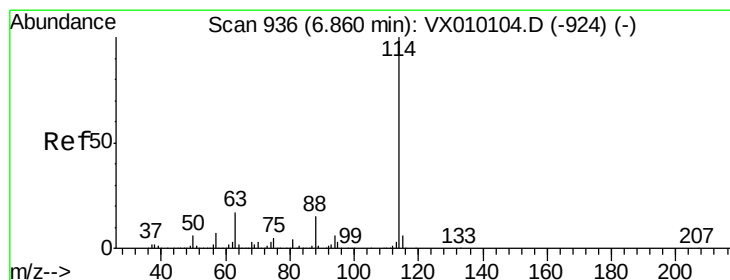
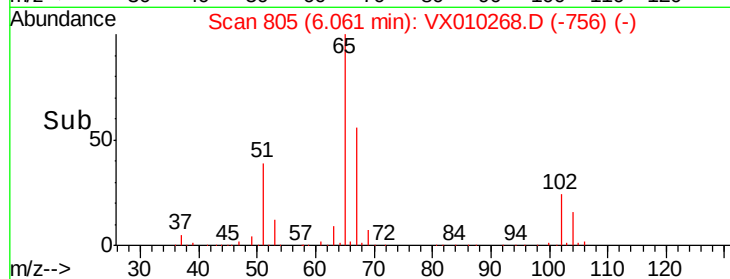
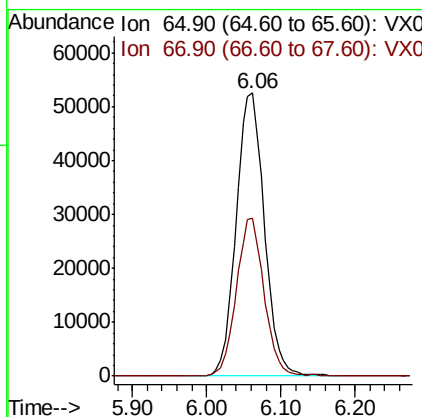
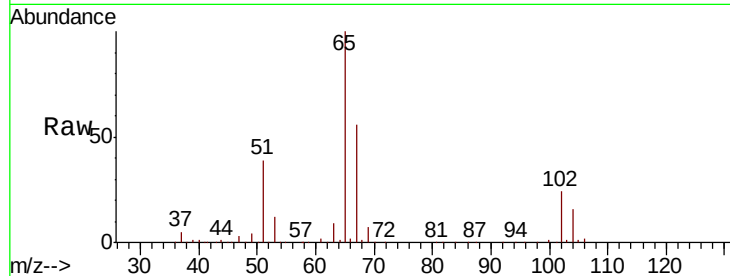




#33
 1,2-Dichloroethane-d4
 Concen: 46.647 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010268.D
 Acq: 13 Jun 2019 12:31

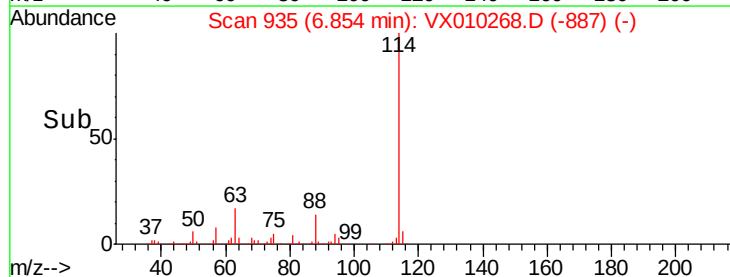
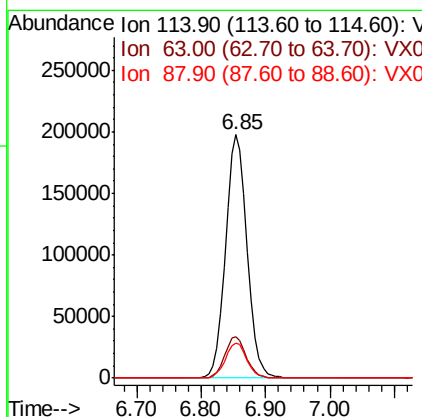
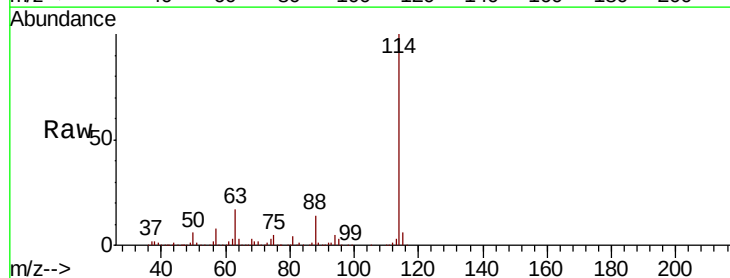
Instrument :
 MSVOA_X
 ClientSampleId :

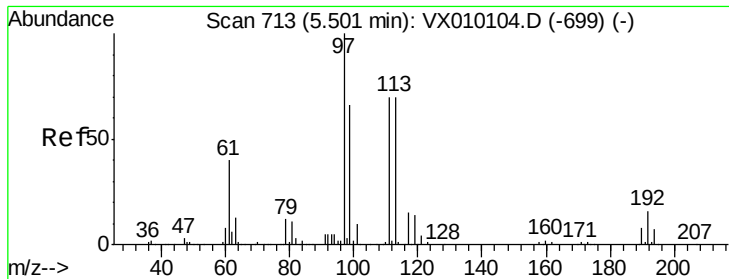
Tot Ion: 65 Resp: 139945
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010268.D
 Acq: 13 Jun 2019 12:31

Tgt Ion: 114 Resp: 464271
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 47.4
 88 14.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.008 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010268.D

Acq: 13 Jun 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

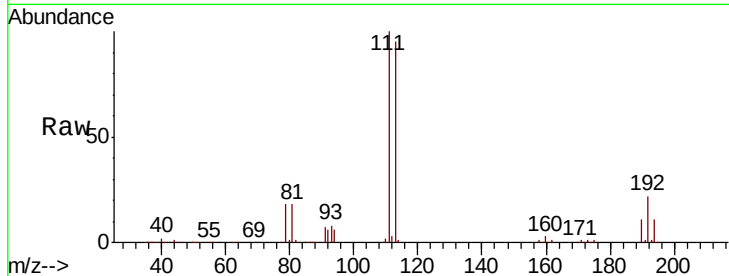
Tot Ion:113 Resp: 143210

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

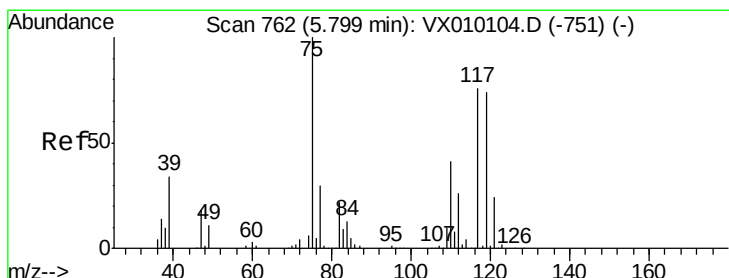
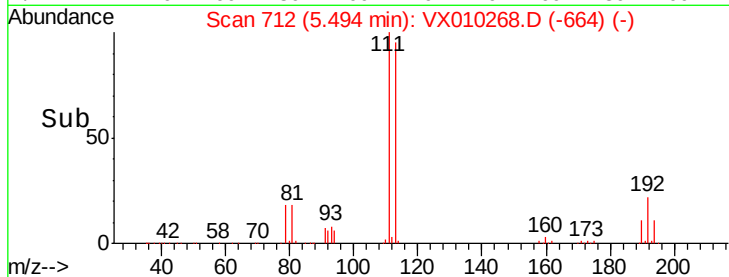
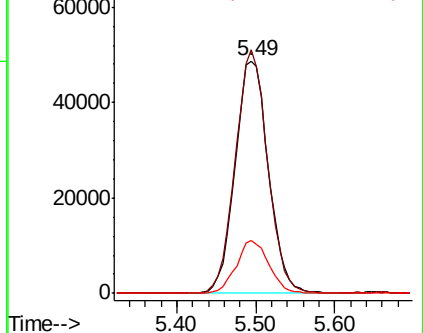
192 22.2 17.1 25.7



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: 4.859 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX010268.D

Acq: 13 Jun 2019 12:31

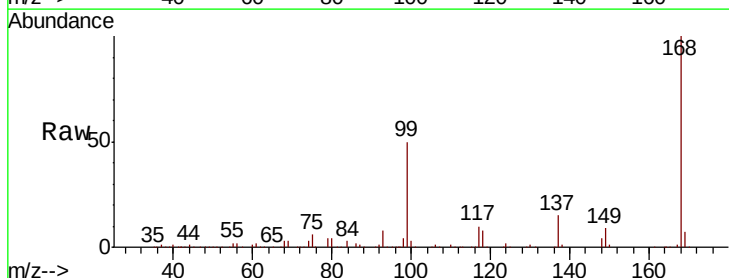
Tgt Ion: 75 Resp: 18405

Ion Ratio Lower Upper

75 100

110 11.3 16.7 50.1#

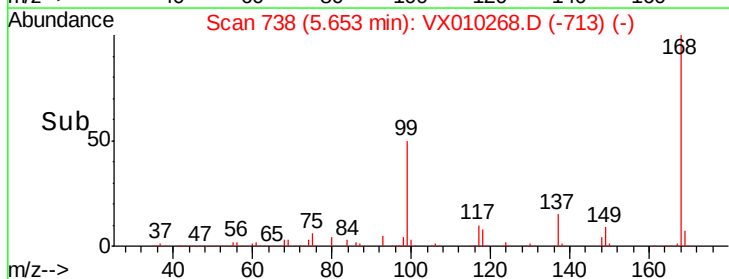
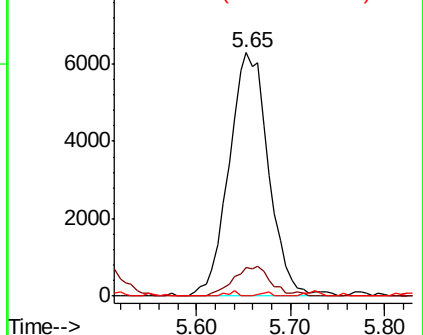
77 0.0 25.0 37.4#

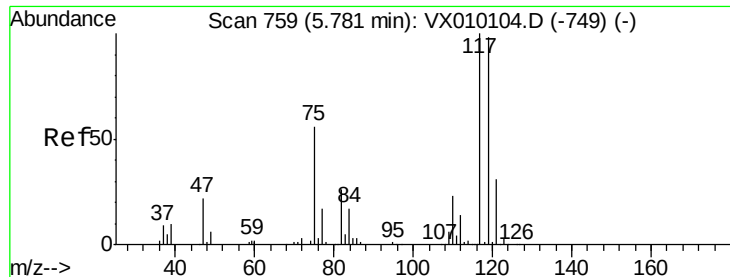


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.326 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX010268.D

Acq: 13 Jun 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

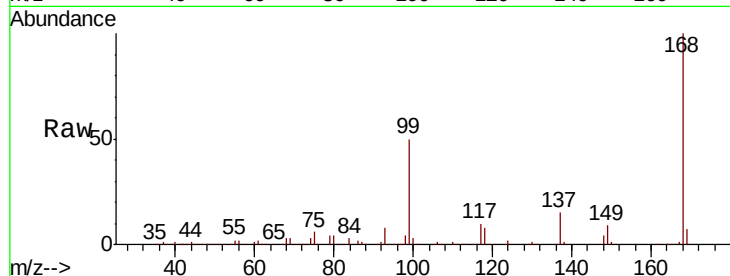
Tot Ion:117 Resp: 27122

Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

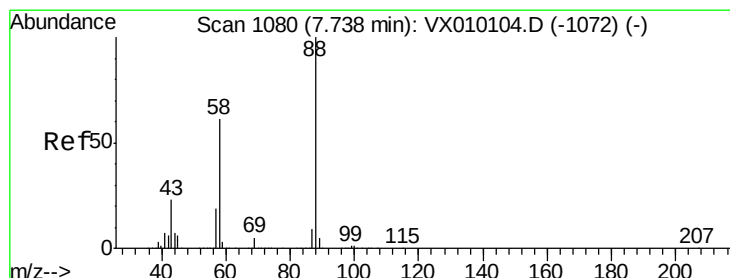
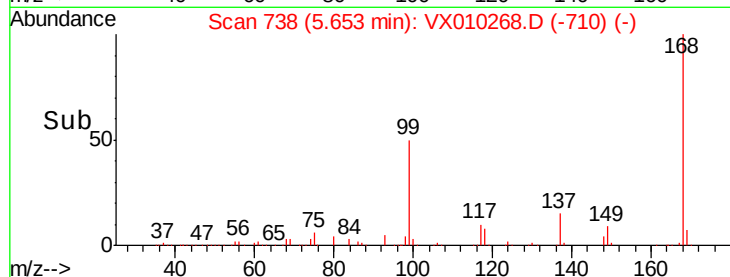
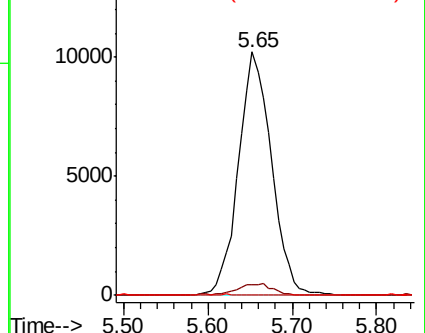
121 0.0 25.4 38.0#



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: 0.216 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX010268.D

Acq: 13 Jun 2019 12:31

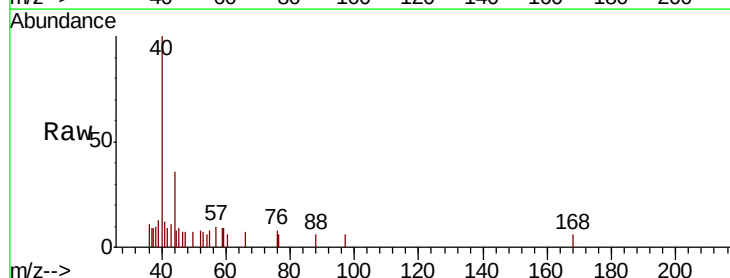
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 178.9 30.2 45.4#

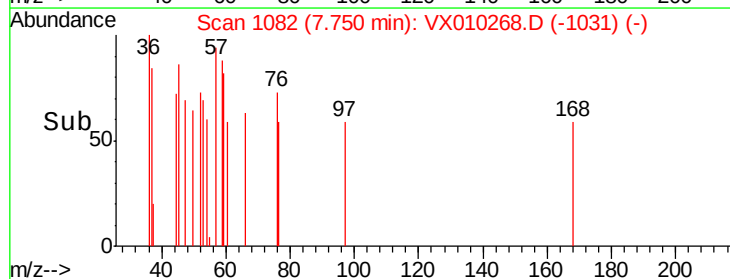
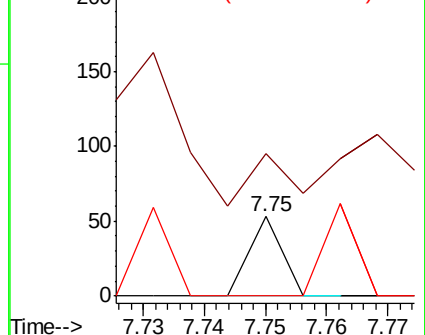
58 121.1 64.0 96.0#

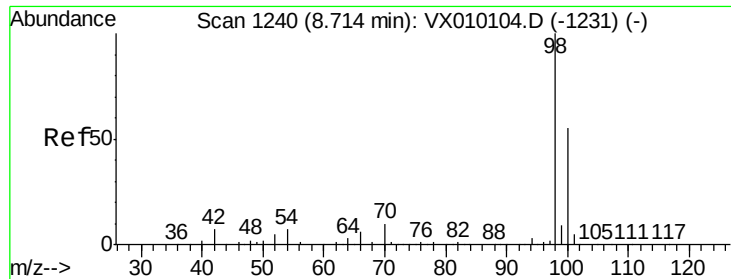


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

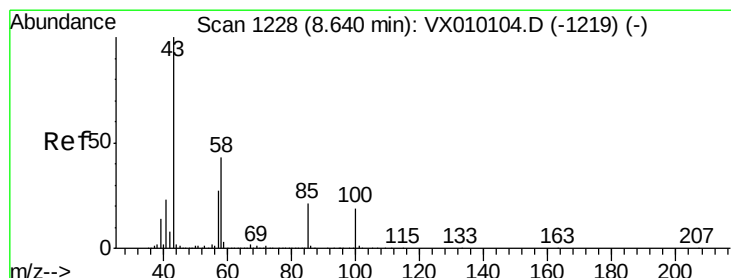
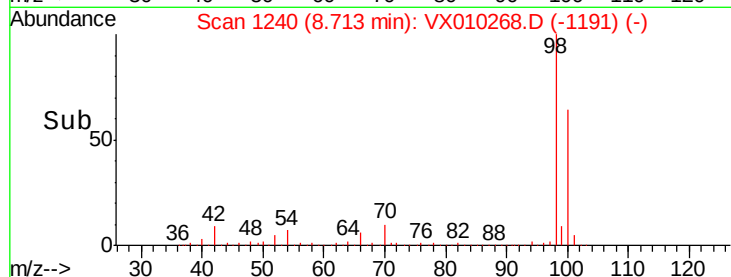
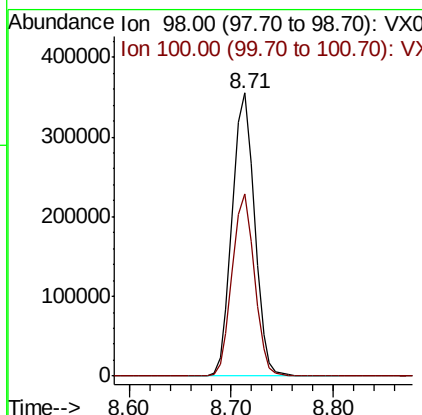
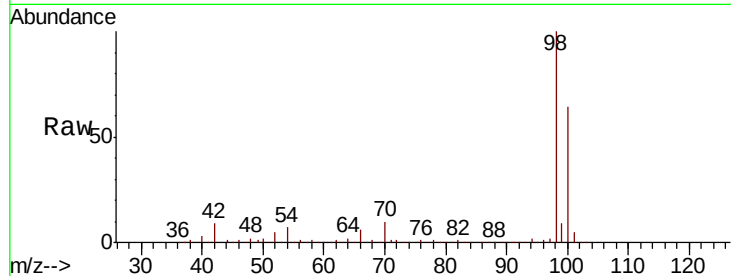




#50
Toluene-d8
Concen: 50.402 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010268.D
Acq: 13 Jun 2019 12:31

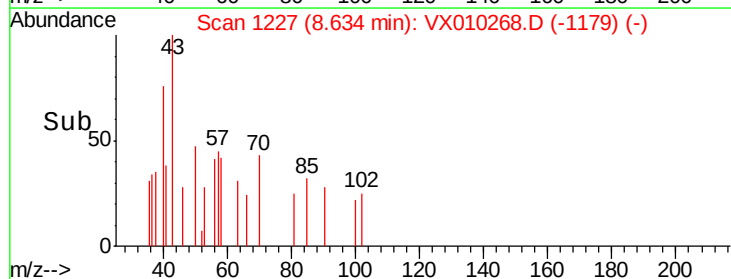
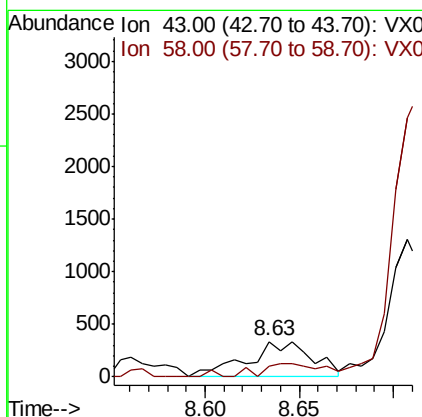
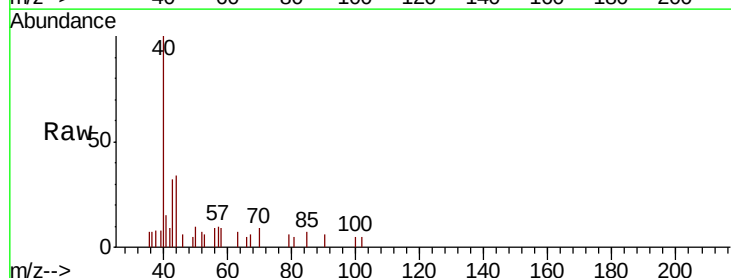
Instrument :
MSVOA_X
ClientSampled :

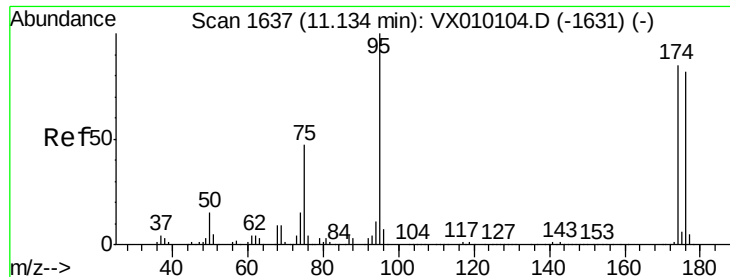
Tot Ion: 98 Resp: 540954
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.204 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX010268.D
Acq: 13 Jun 2019 12:31

Tgt Ion: 43 Resp: 803
Ion Ratio Lower Upper
43 100
58 35.1 28.8 43.2





#62

4-Bromofluorobenzene

Concen: 44.272 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010268.D

Acq: 13 Jun 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

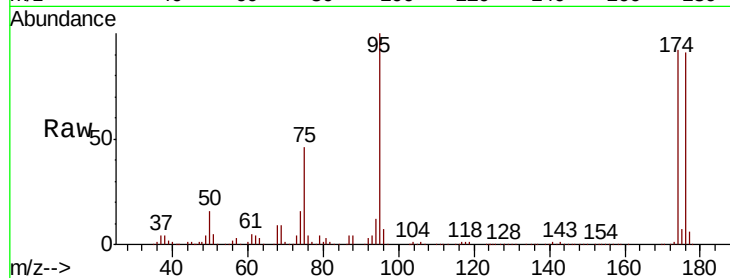
Tot Ion: 95 Resp: 177455

Ion Ratio Lower Upper

95 100

174 95.4 0.0 160.4

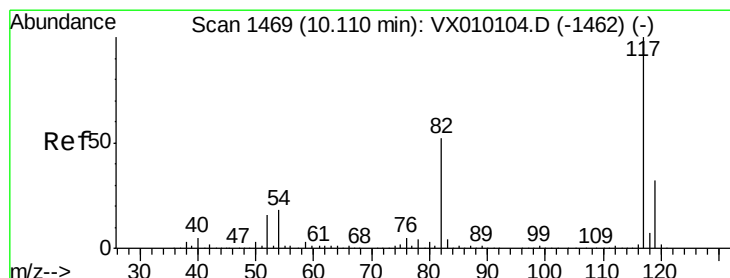
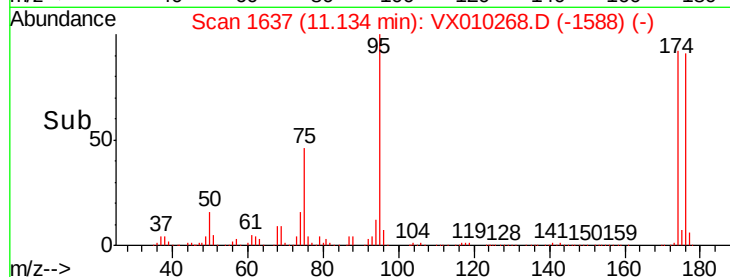
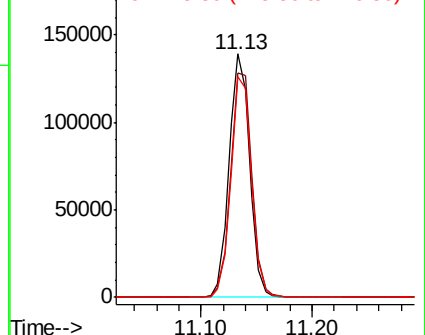
176 91.1 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010268.D

Acq: 13 Jun 2019 12:31

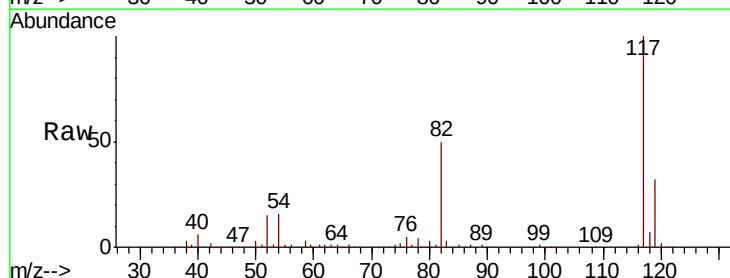
Tgt Ion: 117 Resp: 407536

Ion Ratio Lower Upper

117 100

82 49.9 49.2 73.8

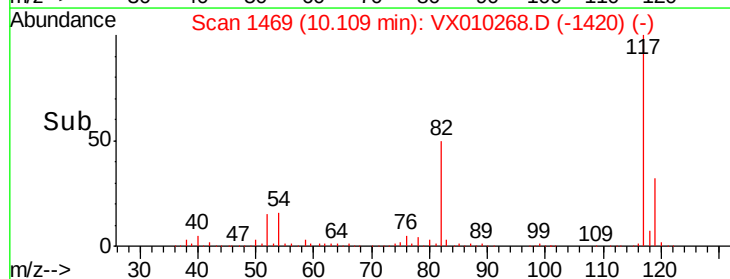
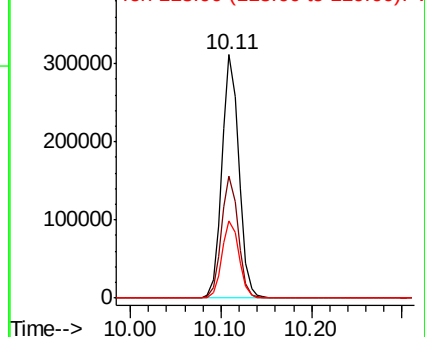
119 31.8 25.2 37.8

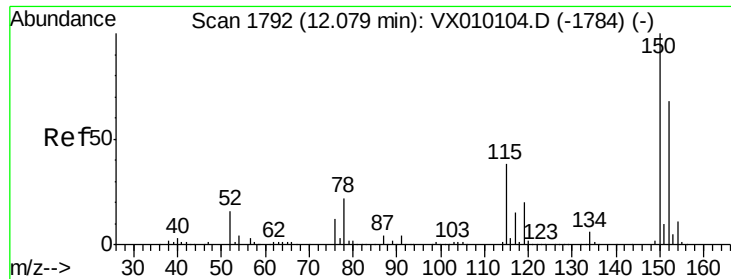


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)



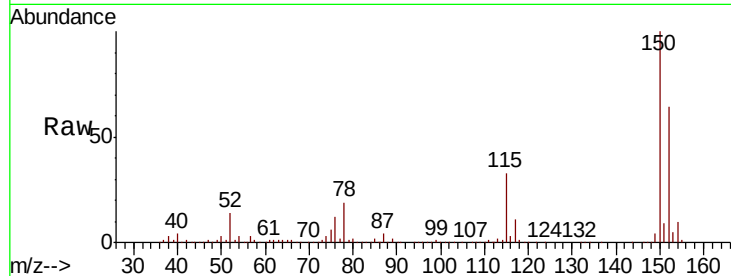


#72

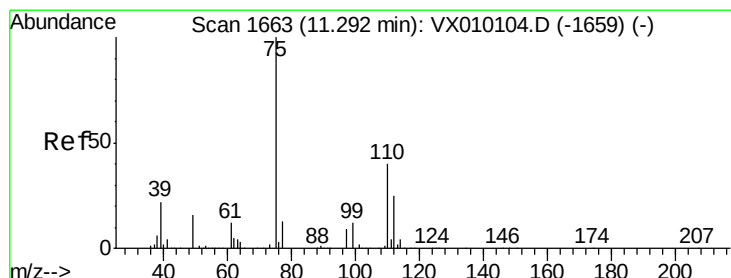
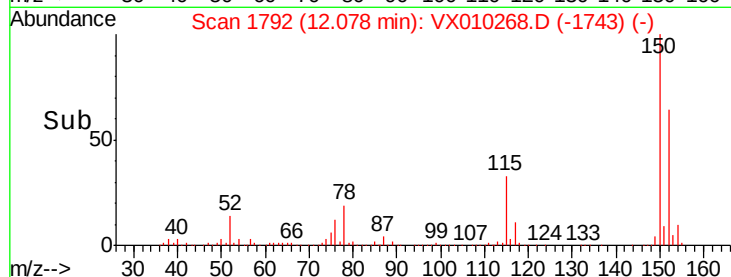
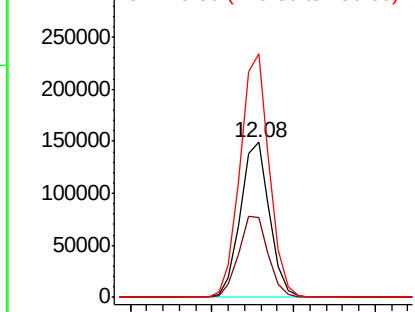
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010268.D
Acq: 13 Jun 2019 12:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 185078
Ion Ratio Lower Upper
152 100
115 53.5 41.4 124.2
150 157.3 0.0 345.2



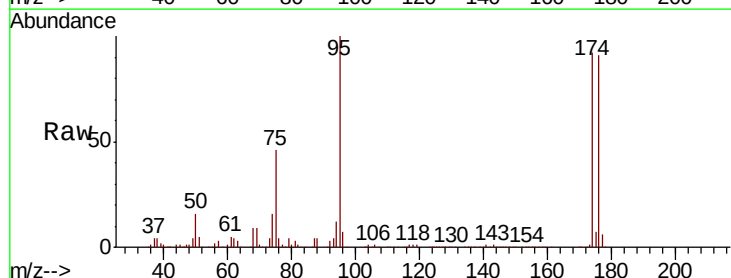
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



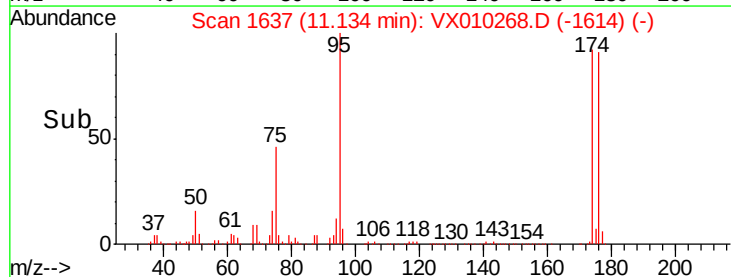
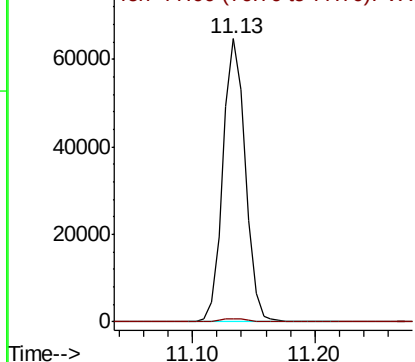
#76

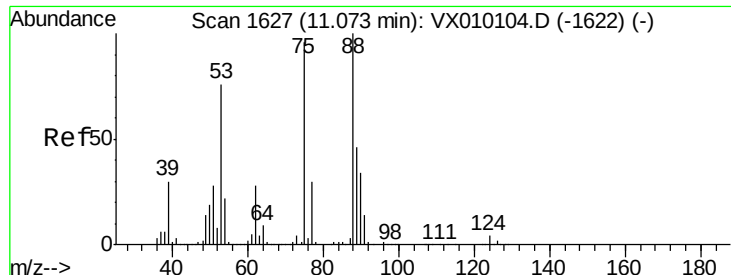
1,2,3-Trichloropropane
Concen: 22.231 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010268.D
Acq: 13 Jun 2019 12:31

Tgt Ion: 75 Resp: 82297
Ion Ratio Lower Upper
75 100
77 1.5 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: 49.118 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010268.D
 Acq: 13 Jun 2019 12:31

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 82297
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.0 34.2 51.4#

