

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006362.D
 Acq On : 10 Dec 2018 11:46
 Operator : JC/MD
 Sample : VX1210MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210MBL01

Quant Time: Dec 11 03:55:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	903831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1335433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1199772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	596835	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	429858	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
35) Dibromofluoromethane	5.51	113	419280	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.71	98	1544242	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.13	95	568883	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

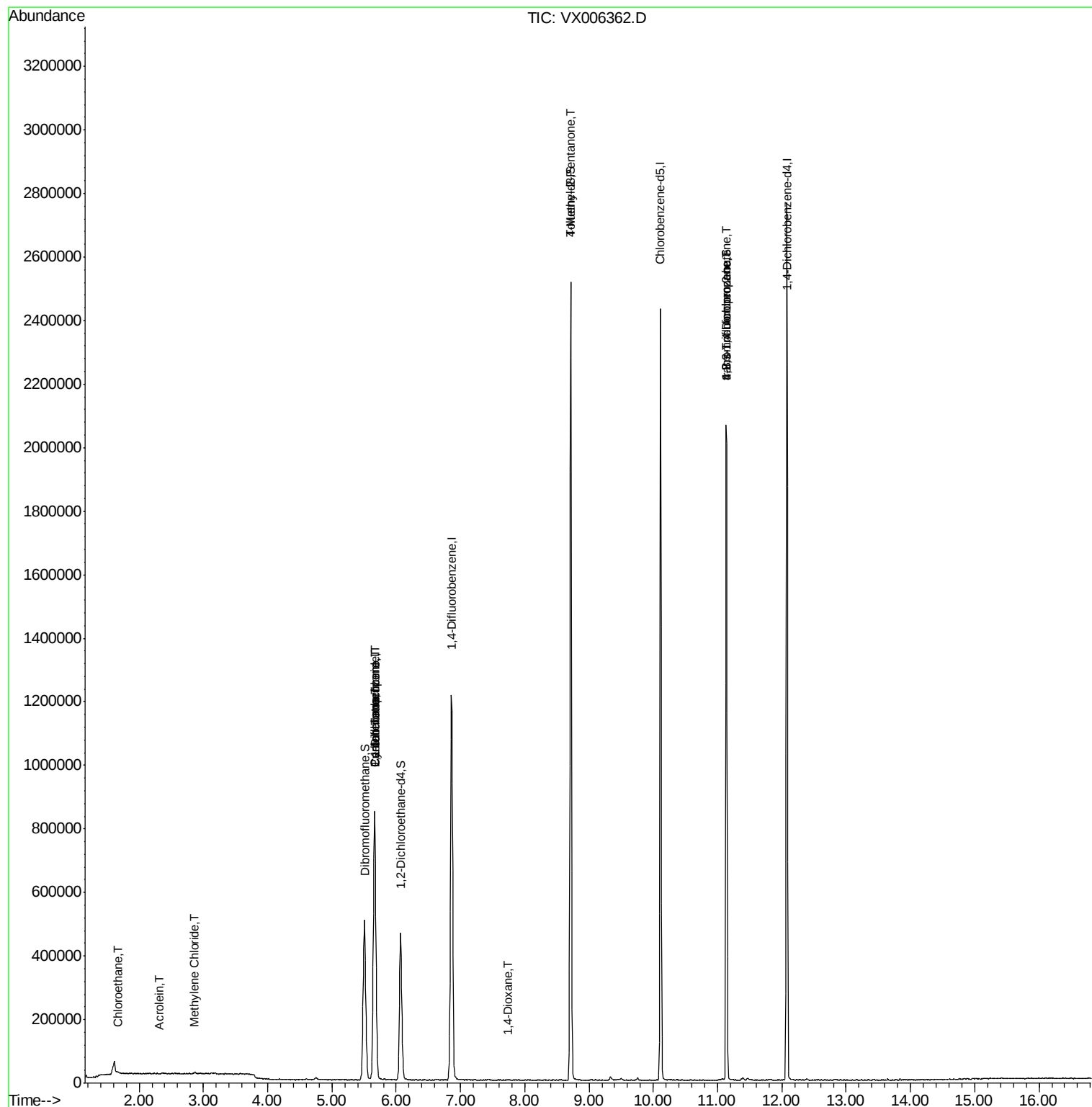
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.67	64	2508	0.418	ug/l #	42
13) Acrolein	2.31	56	502	0.364	ug/l	94
20) Methylene Chloride	2.87	84	1950	0.212	ug/l #	85
31) Cyclohexane	5.67	56	13796	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	52400	4.660	ug/l #	44
38) Carbon Tetrachloride	5.66	117	77577	5.864	ug/l #	15
49) 1,4-Dioxane	7.74	88	138	0.548	ug/l #	61
51) 4-Methyl-2-Pentanone	8.72	43	5475	0.448	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	257571	22.359	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	257571	52.470	ug/l #	15

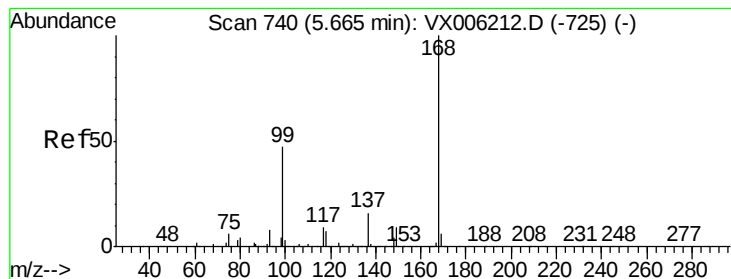
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
Data File : VX006362.D
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ClientSampled :
VX1210MBL01

Quant Time: Dec 11 03:55:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006362.D

Acq: 10 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

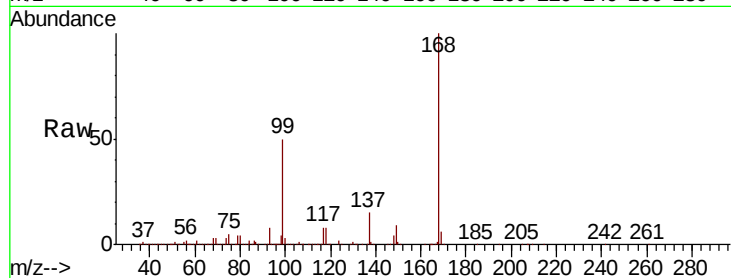
VX1210MBL01

Tot Ion:168 Resp: 903831

Ion Ratio Lower Upper

168 100

99 50.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

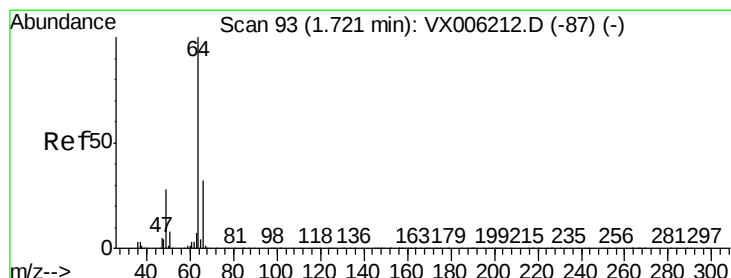
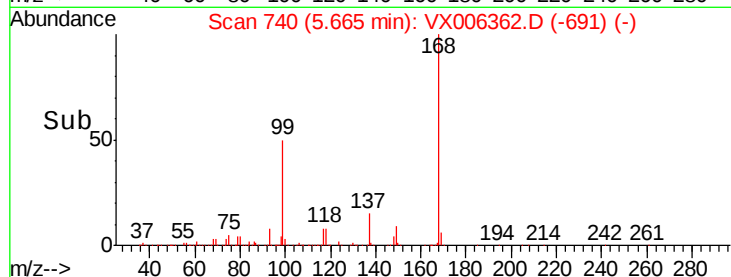
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.418 ug/l

RT: 1.67 min Scan# 84

Delta R.T. -0.05 min

Lab File: VX006362.D

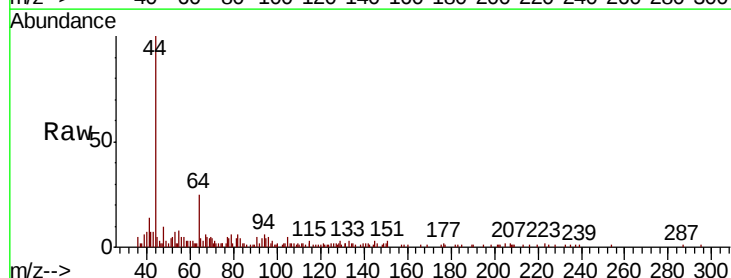
Acq: 10 Dec 2018 11:46

Tgt Ion: 64 Resp: 2508

Ion Ratio Lower Upper

64 100

66 0.0 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.67

2000

1500

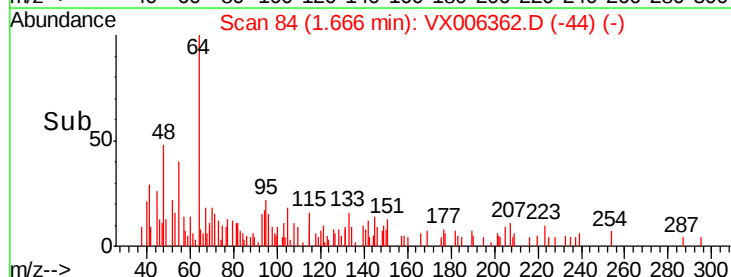
1000

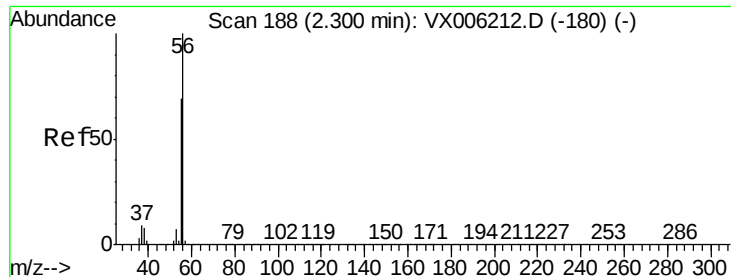
500

0

Time-->

1.60 1.65 1.70





#13

Acrolein

Concen: 0.364 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX006362.D

Acq: 10 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

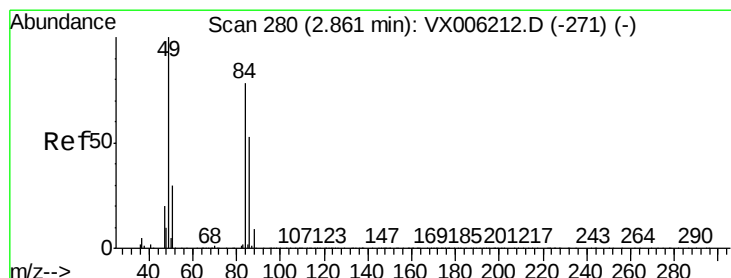
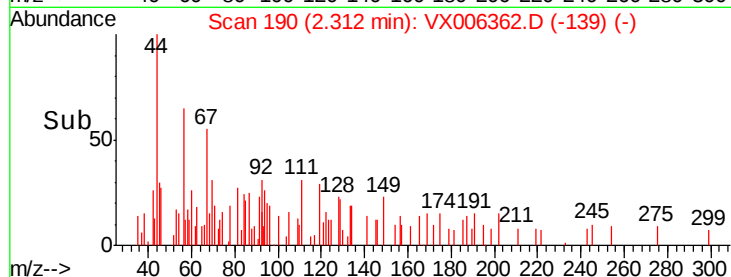
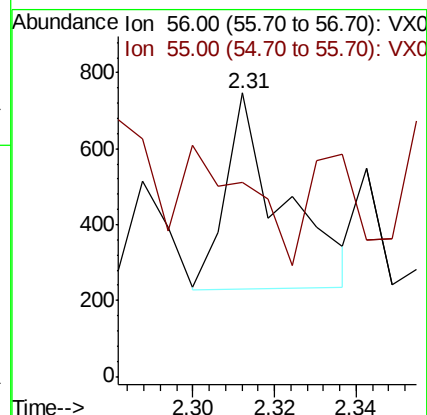
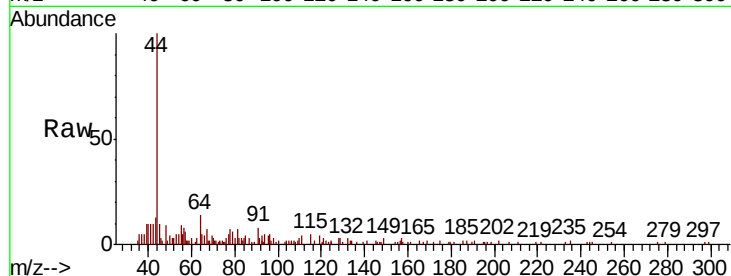
VX1210MBL01

Tot Ion: 56 Resp: 502

Ion Ratio Lower Upper

56 100

55 67.1 57.8 86.6



#20

Methylene Chloride

Concen: 0.212 ug/l

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX006362.D

Acq: 10 Dec 2018 11:46

Tgt Ion: 84 Resp: 1950

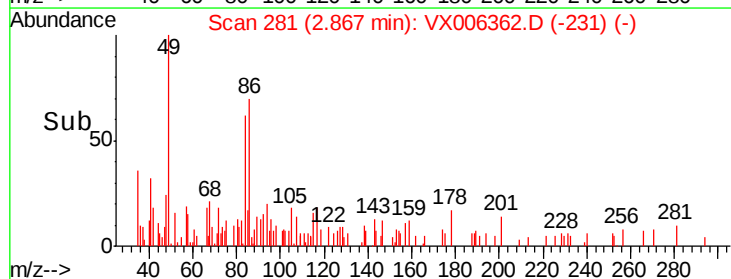
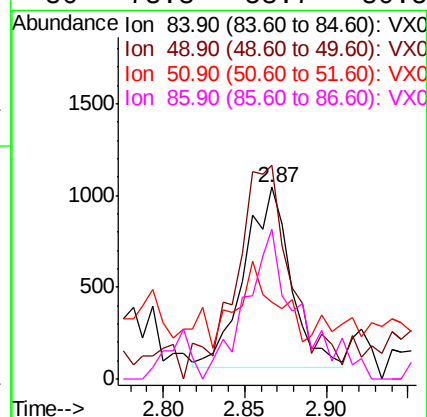
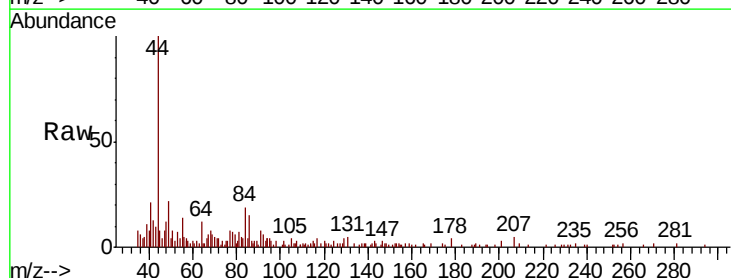
Ion Ratio Lower Upper

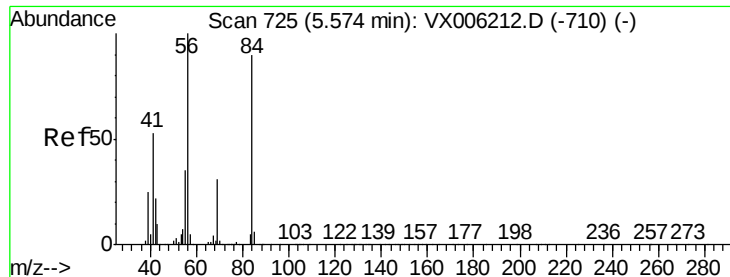
84 100

49 114.3 102.2 153.4

51 15.6 31.1 46.7#

86 73.3 53.7 80.5

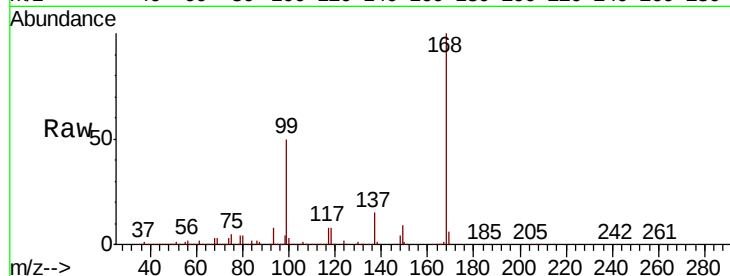




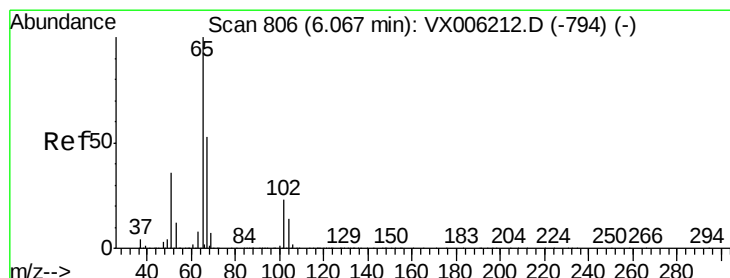
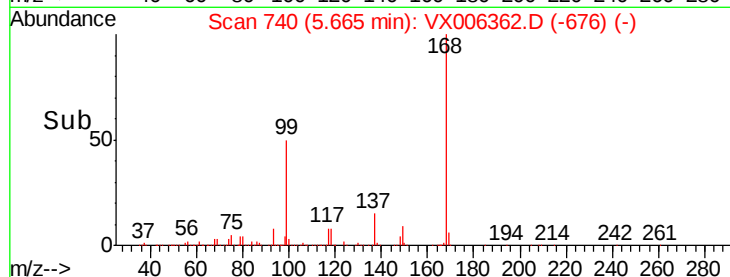
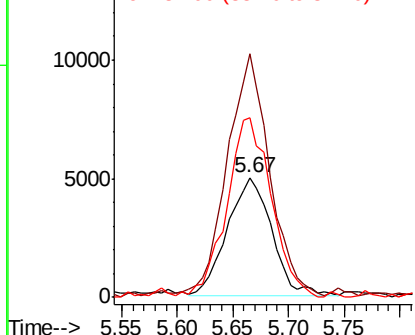
#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006362.D
Acq: 10 Dec 2018 11:46

Instrument :
MSVOA_X
ClientSampled :
VX1210MBL01

Tot Ion: 56 Resp: 13796
Ion Ratio Lower Upper
56 100
69 200.3 24.5 36.7#
84 150.2 71.8 107.6#

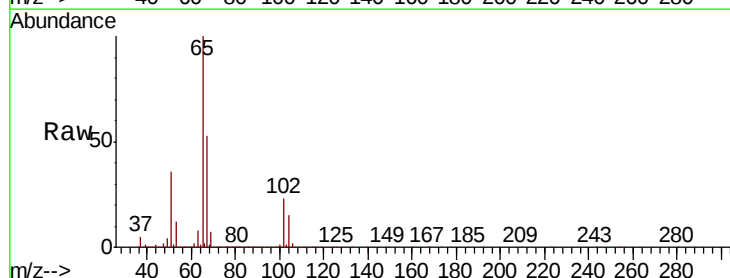


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

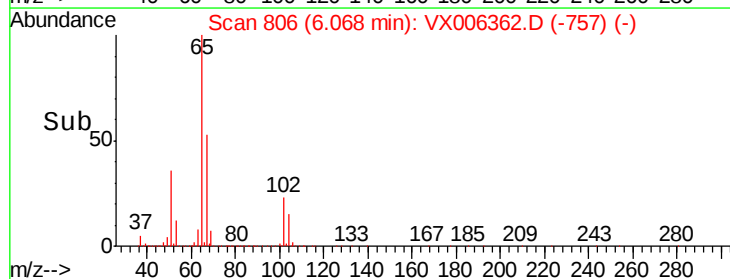
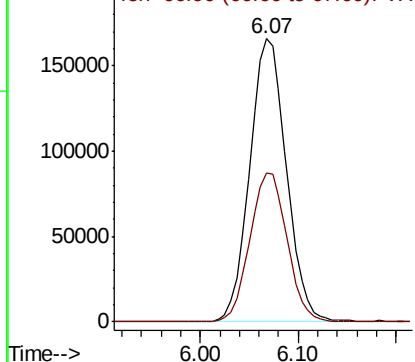


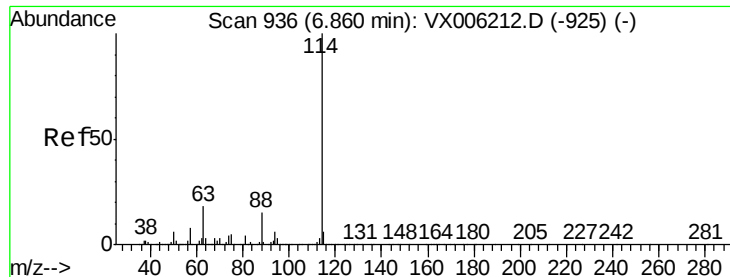
#33
1,2-Dichloroethane-d4
Concen: 46.589 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006362.D
Acq: 10 Dec 2018 11:46

Tgt Ion: 65 Resp: 429858
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.2



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: VX006362.D

Acq: 10 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX1210MBL01

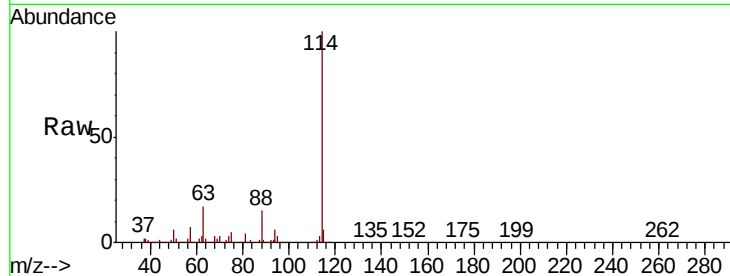
Tot Ion:114 Resp: 1335433

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

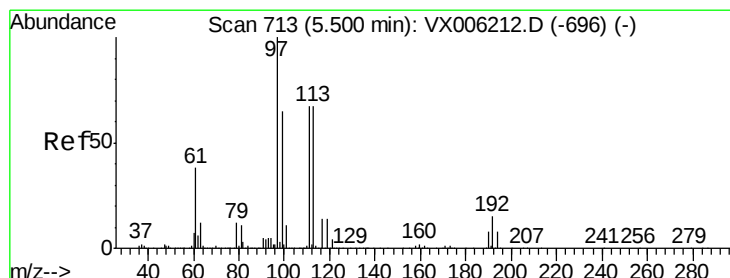
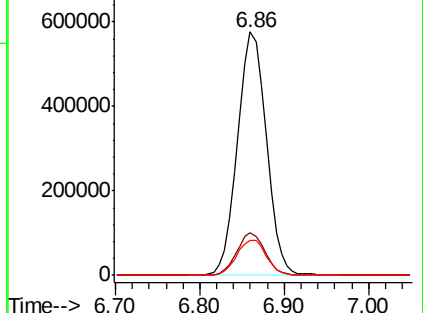
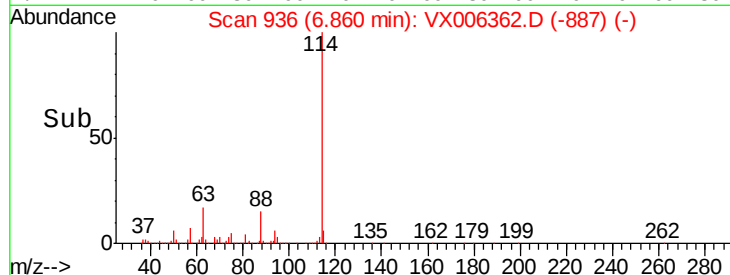
88 14.6 0.0 29.0



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: 48.492 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006362.D

Acq: 10 Dec 2018 11:46

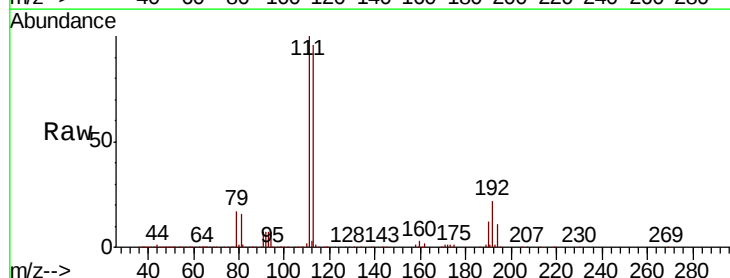
Tgt Ion:113 Resp: 419280

Ion Ratio Lower Upper

113 100

111 103.3 81.1 121.7

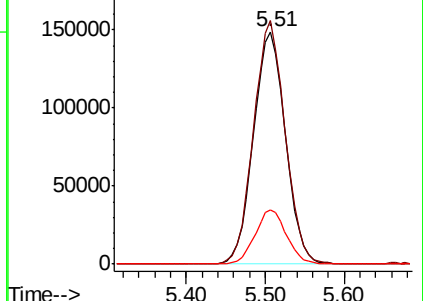
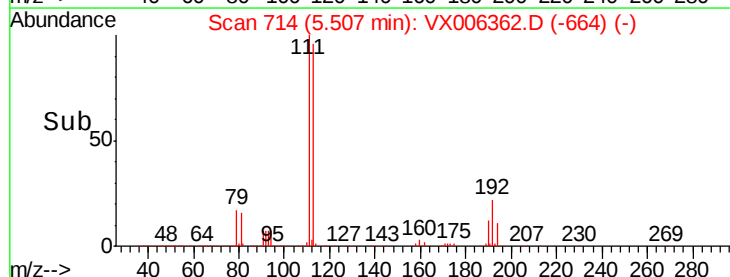
192 23.0 18.2 27.2

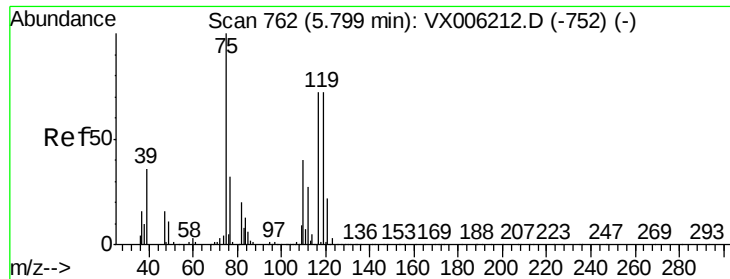


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.660 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.13 min

Lab File: VX006362.D

Acq: 10 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX1210MBL01

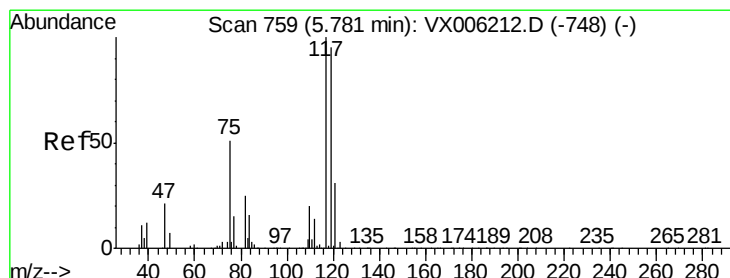
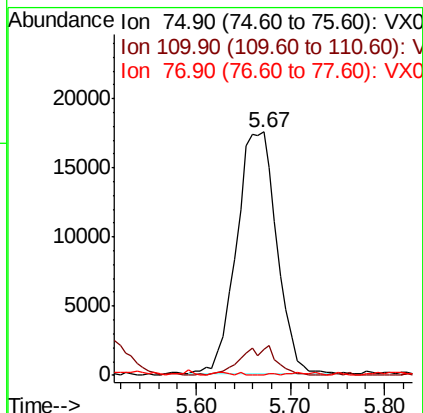
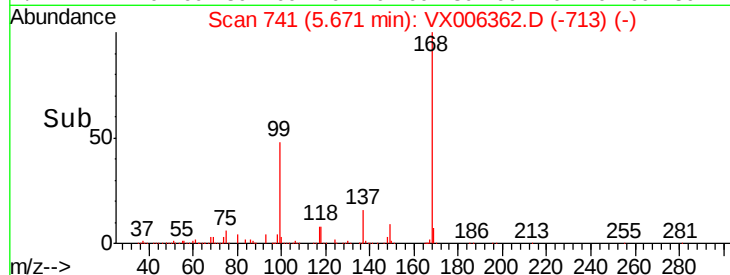
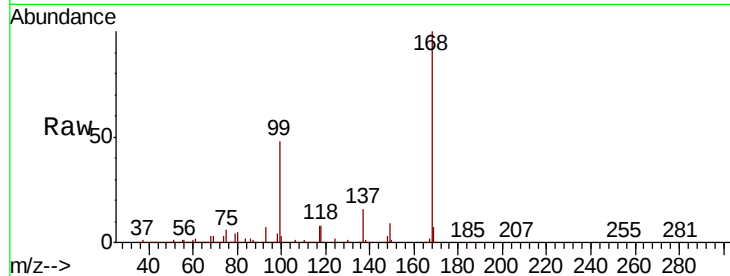
Tot Ion: 75 Resp: 52400

Ion Ratio Lower Upper

75 100

110 5.9 20.4 61.3#

77 0.2 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.864 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006362.D

Acq: 10 Dec 2018 11:46

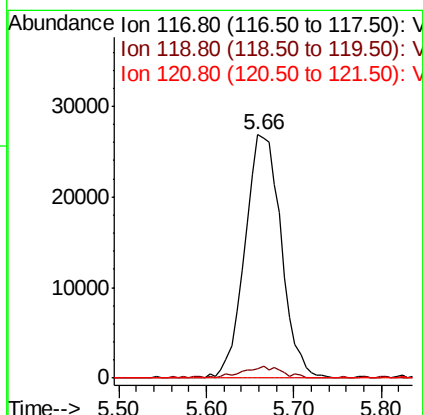
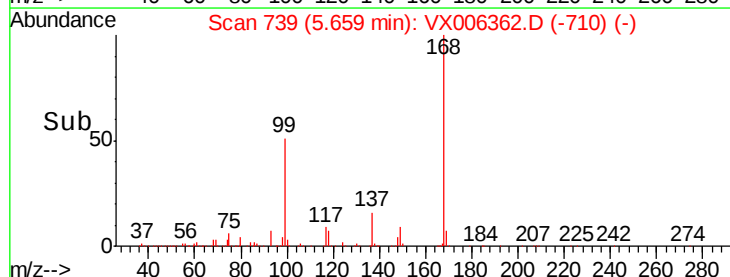
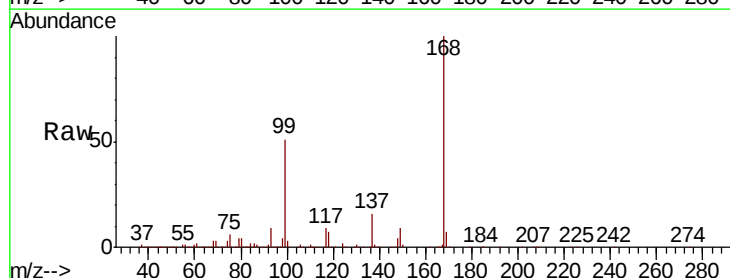
Tgt Ion: 117 Resp: 77577

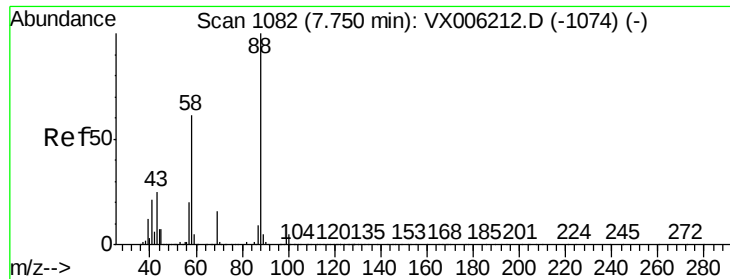
Ion Ratio Lower Upper

117 100

119 3.4 75.8 113.8#

121 0.2 24.6 37.0#

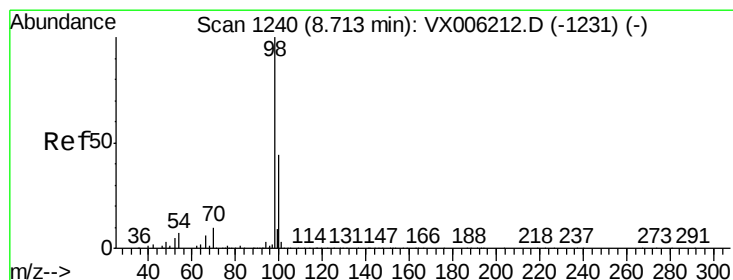
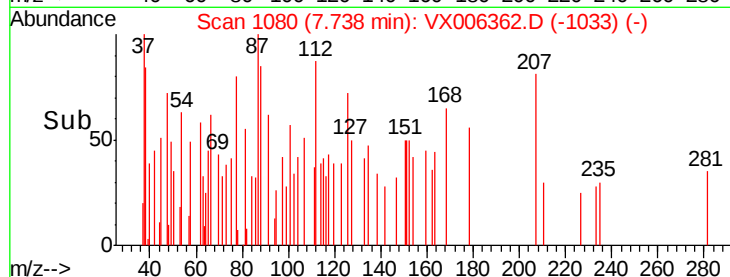
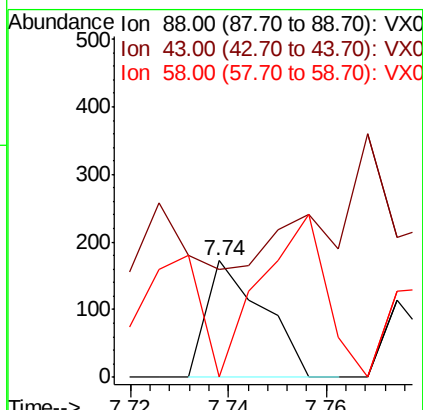
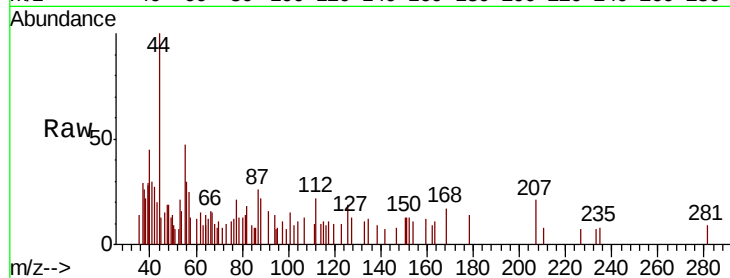




#49
1,4-Dioxane
Concen: 0.548 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX006362.D
Acq: 10 Dec 2018 11:46

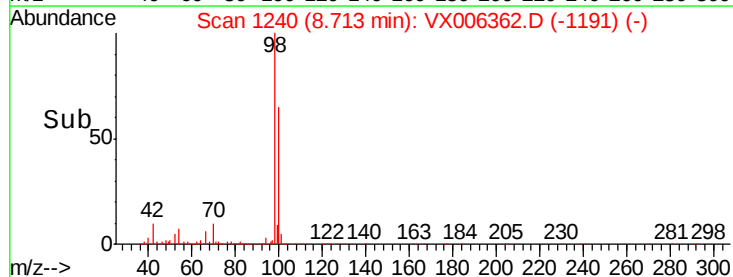
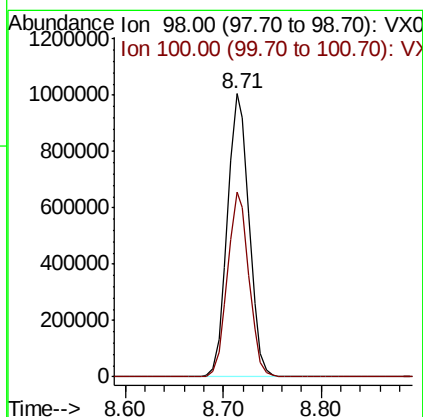
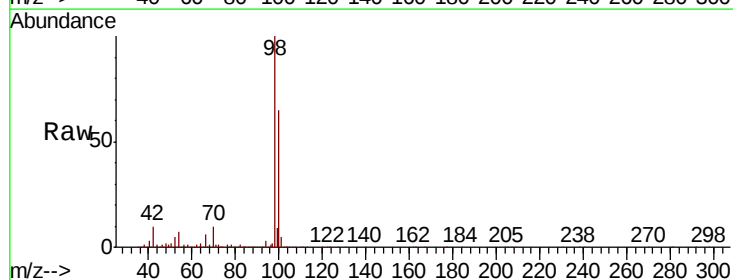
Instrument :
MSVOA_X
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VX1210MBL01

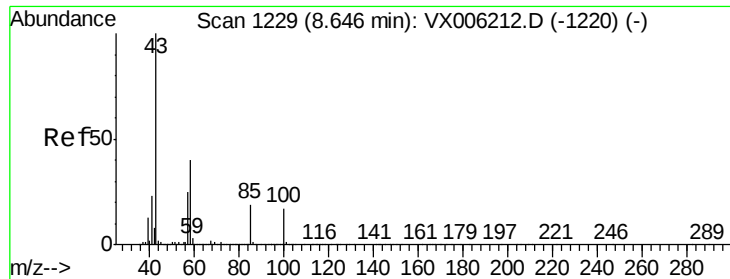
Tot Ion: 88 Resp: 138
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 89.9 51.4 77.0#



#50
Toluene-d8
Concen: 49.101 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006362.D
Acq: 10 Dec 2018 11:46

Tgt Ion: 98 Resp: 1544242
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 0.448 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.07 min

Lab File: VX006362.D

Acq: 10 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

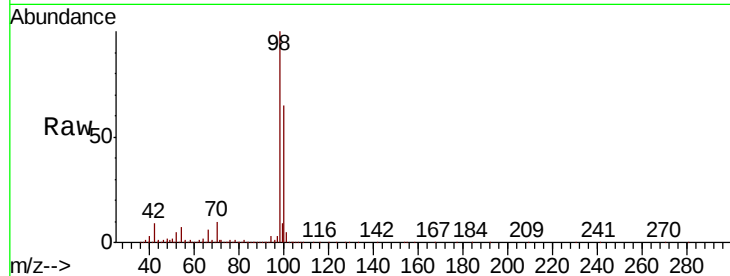
VX1210MBL01

Tot Ion: 43 Resp: 5475

Ion Ratio Lower Upper

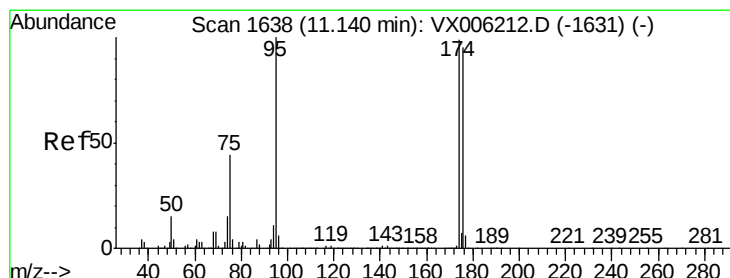
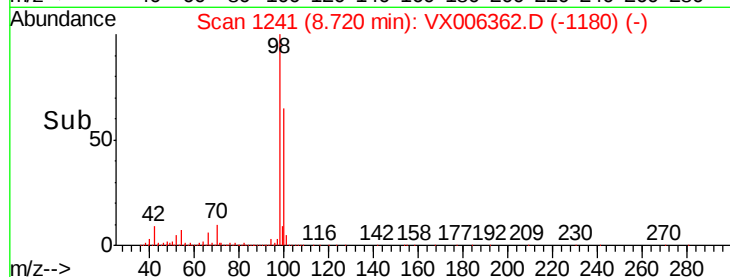
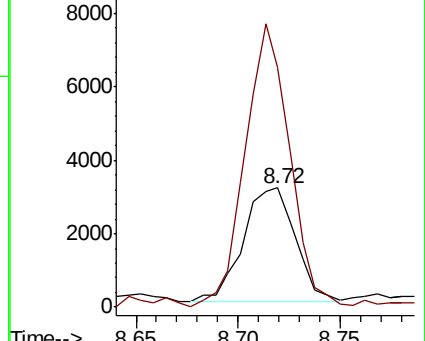
43 100

58 214.4 31.3 46.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.001 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006362.D

Acq: 10 Dec 2018 11:46

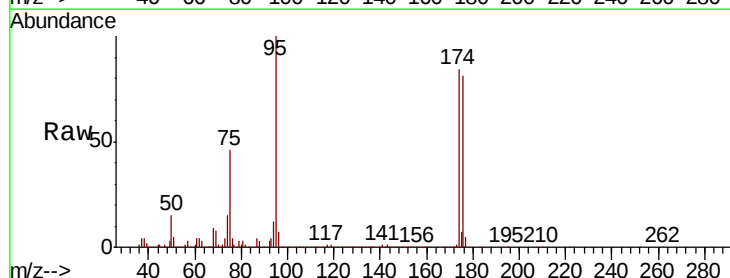
Tgt Ion: 95 Resp: 568883

Ion Ratio Lower Upper

95 100

174 91.5 0.0 187.0

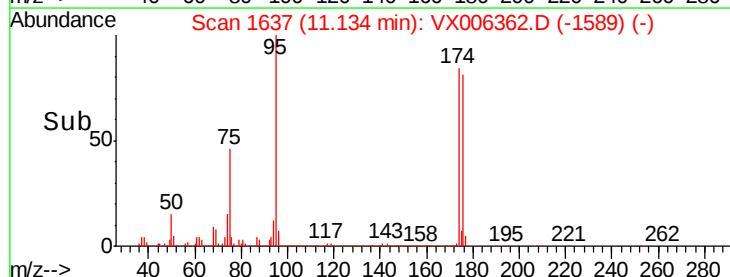
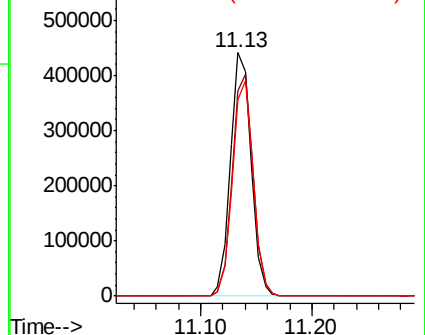
176 88.4 0.0 181.8

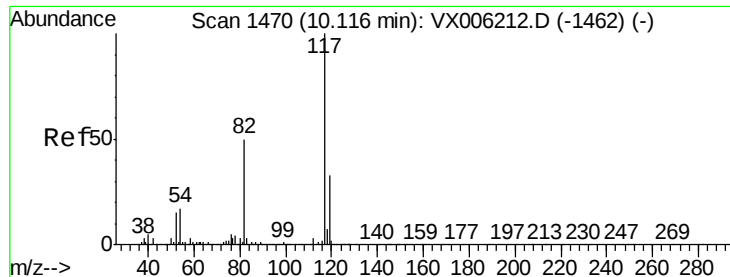


Abundance Ion 94.90 (94.60 to 95.60): VX0

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. -0.01 min

Lab File: VX006362.D

Acq: 10 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX1210MBL01

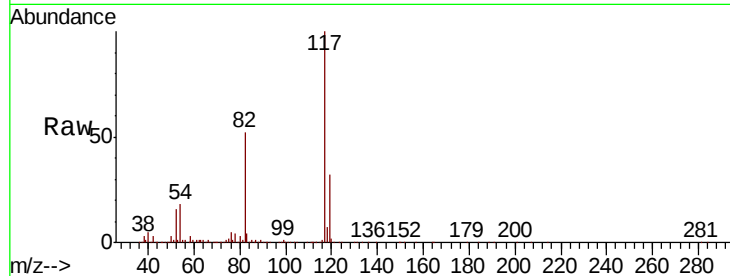
Tot Ion:117 Resp: 1199772

Ion Ratio Lower Upper

117 100

82 51.6 39.6 59.4

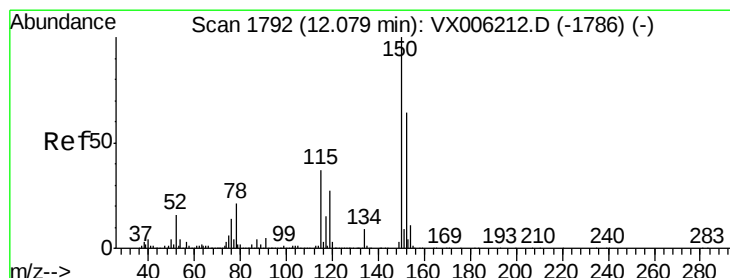
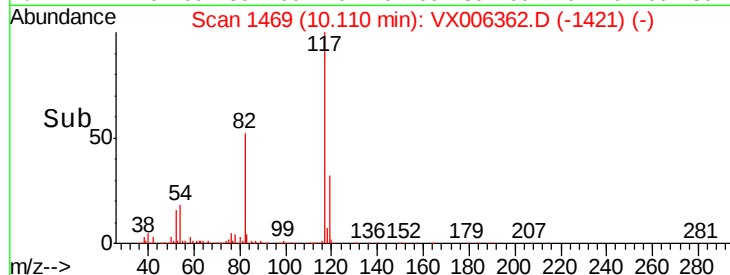
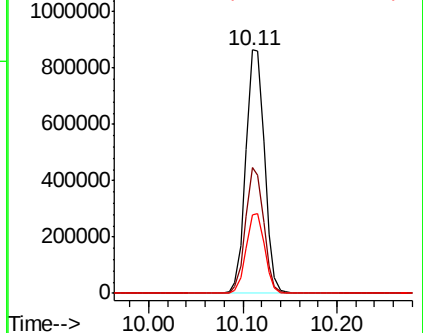
119 32.3 26.3 39.5



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: VX006362.D

Acq: 10 Dec 2018 11:46

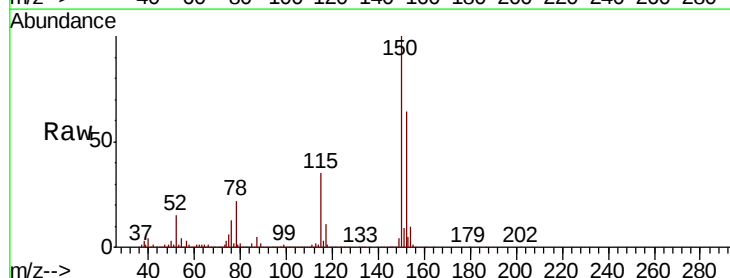
Tgt Ion:152 Resp: 596835

Ion Ratio Lower Upper

152 100

115 54.5 39.0 116.9

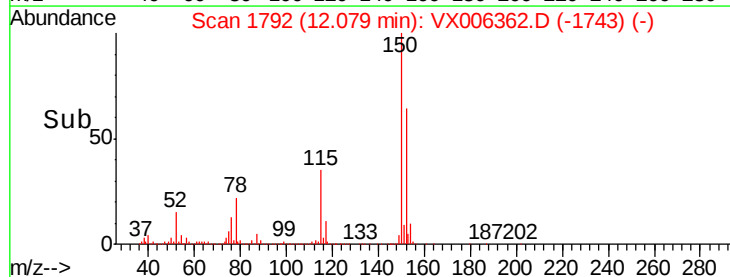
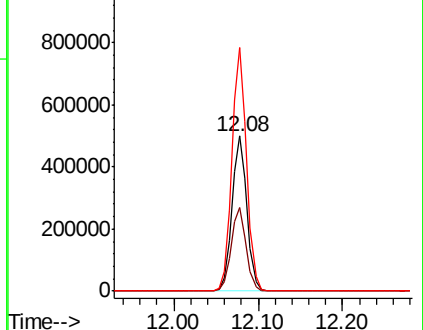
150 155.9 0.0 345.8

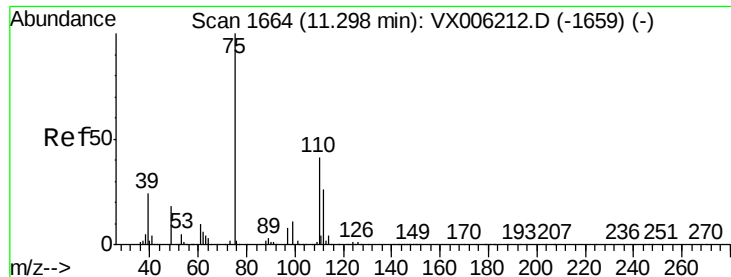


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.359 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006362.D

Acq: 10 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

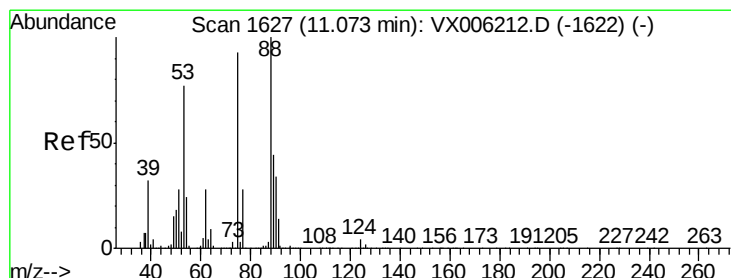
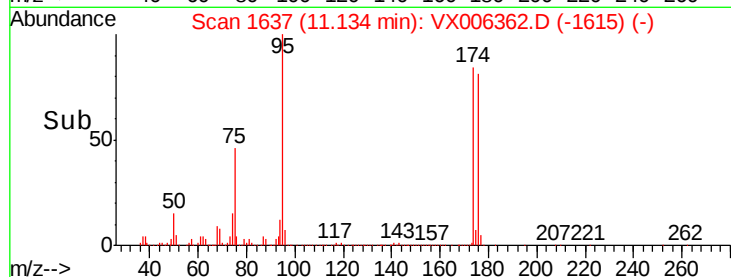
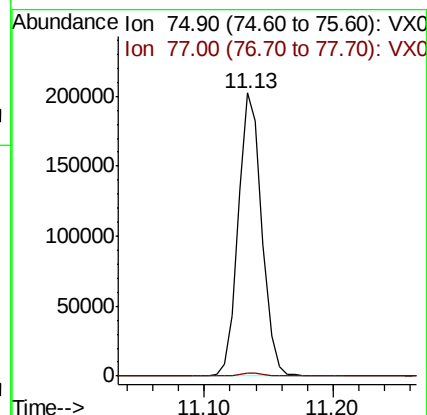
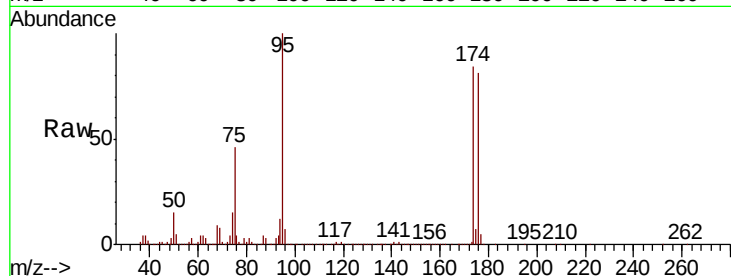
VX1210MBL01

Tot Ion: 75 Resp: 257571

Ion Ratio Lower Upper

75 100

77 1.2 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.470 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006362.D

Acq: 10 Dec 2018 11:46

Tgt Ion: 75 Resp: 257571

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.1 44.2 66.4#

