

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006243.D
 Acq On : 03 Dec 2018 10:44
 Operator : JC/MD
 Sample : VX1203WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBL01

Quant Time: Dec 04 04:52:19 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	1044723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1522762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1356589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	665165	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	490805	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.50	113	482389	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	1765360	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.13	95	642442	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

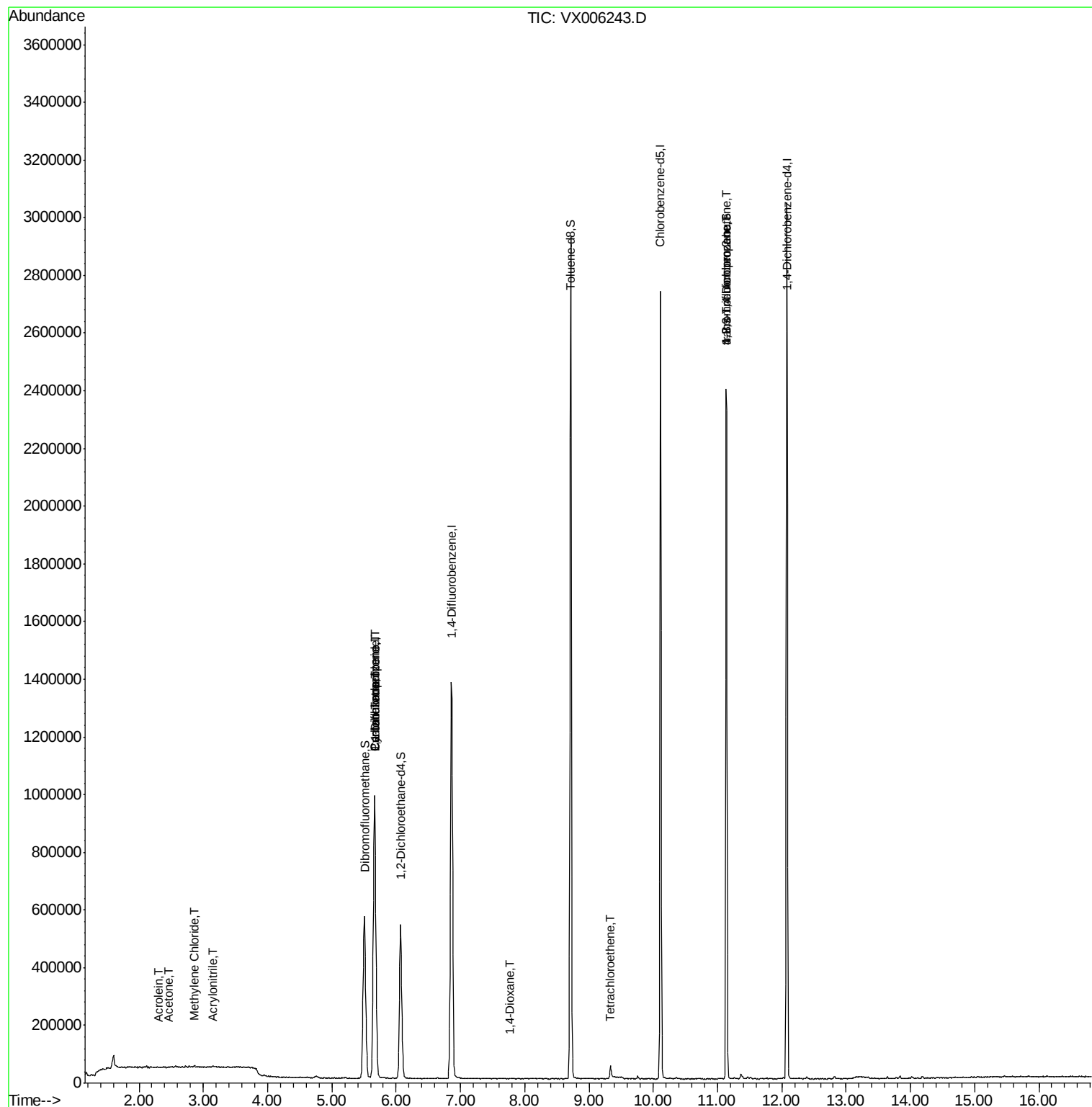
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.31	56	680	0.427	ug/l #	73
15) Acrylonitrile	3.15	53	2776	0.456	ug/l	92
16) Acetone	2.45	43	2440	0.488	ug/l #	74
20) Methylene Chloride	2.85	84	2348	0.220	ug/l	88
31) Cyclohexane	5.66	56	15597	1.012	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	62188	4.850	ug/l #	49
38) Carbon Tetrachloride	5.67	117	91188	6.045	ug/l #	16
49) 1,4-Dioxane	7.76	88	361	1.257	ug/l #	40
64) Tetrachloroethene	9.34	164	4216	0.413	ug/l #	92
76) 1,2,3-Trichloropropane	11.13	75	293175	22.835	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	293175	53.588	ug/l #	15

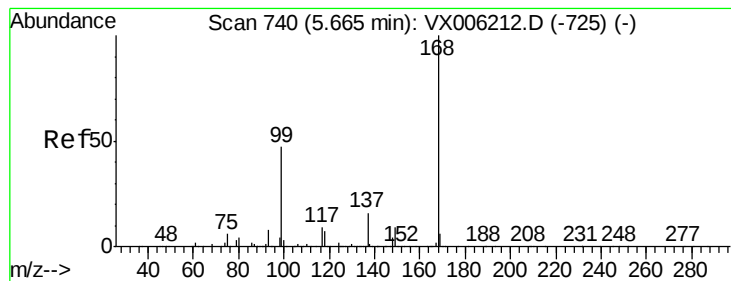
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120318\
Data File : VX006243.D
Acq On : 03 Dec 2018 10:44
Operator : JC/MD
Sample : VX1203WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX1203WBL01

Quant Time: Dec 04 04:52:19 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: VX006243.D

Acq: 03 Dec 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

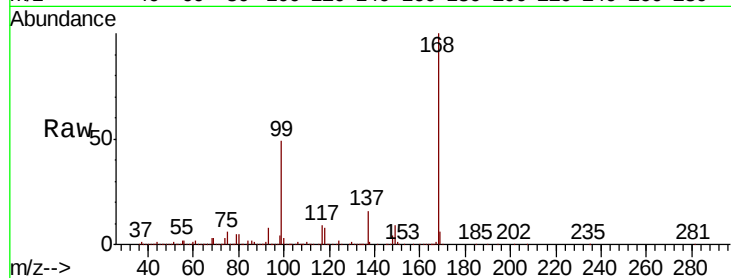
VX1203WBL01

Tot Ion:168 Resp: 1044723

Ion Ratio Lower Upper

168 100

99 49.1 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

400000

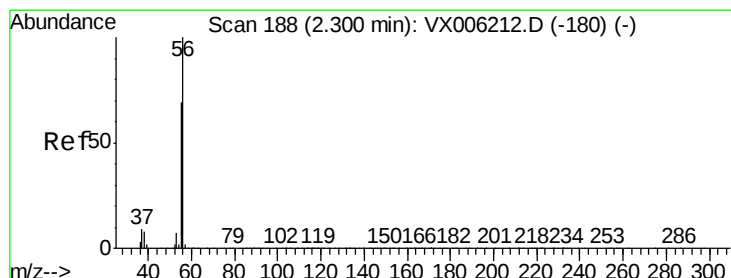
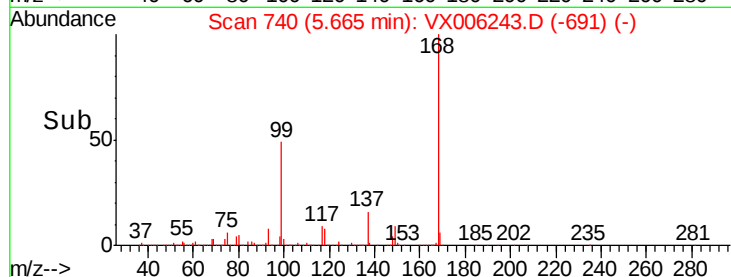
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.427 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX006243.D

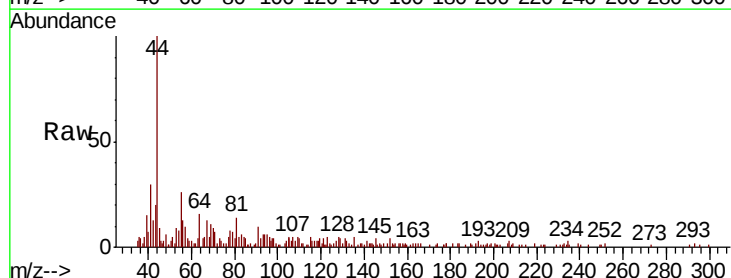
Acq: 03 Dec 2018 10:44

Tgt Ion: 56 Resp: 680

Ion Ratio Lower Upper

56 100

55 94.4 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.31

2000

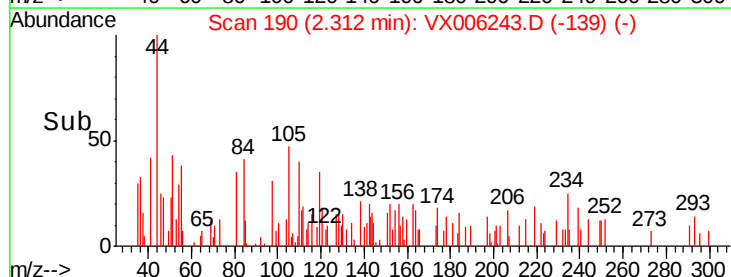
1500

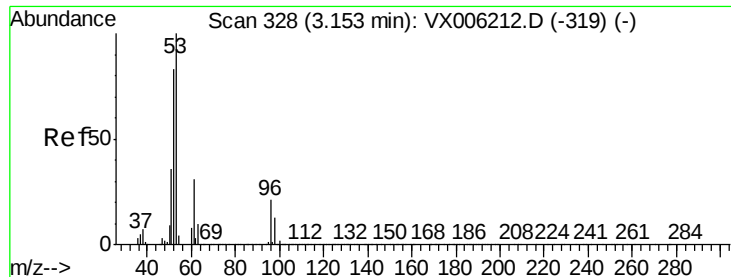
1000

500

0

Time-->





#15

Acrylonitrile

Concen: 0.456 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

Instrument :

MSVOA_X

ClientSampled :

VX1203WBL01

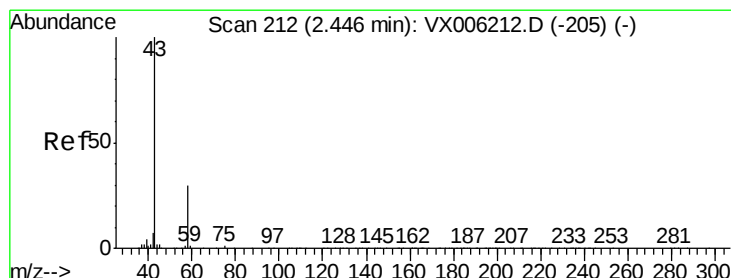
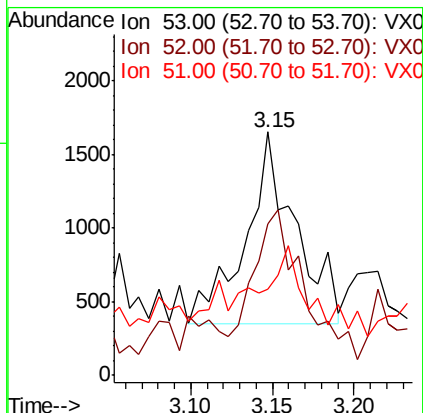
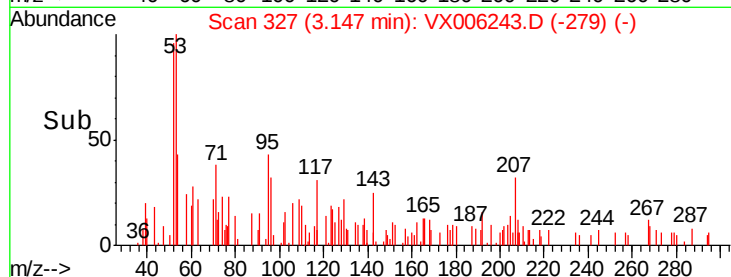
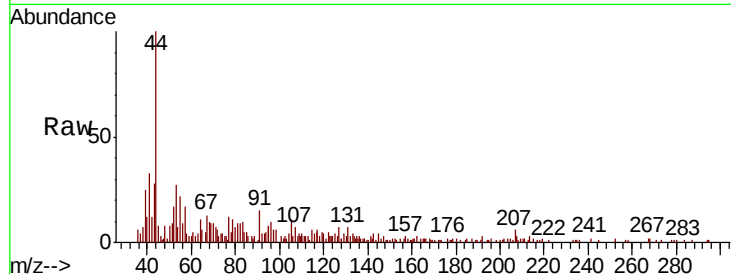
Tot Ion: 53 Resp: 2776

Ion Ratio Lower Upper

53 100

52 77.1 66.2 99.4

51 42.7 28.7 43.1



#16

Acetone

Concen: 0.488 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006243.D

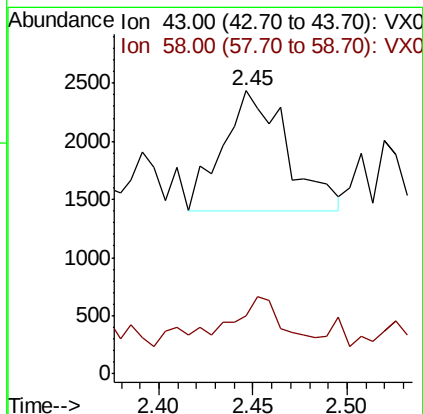
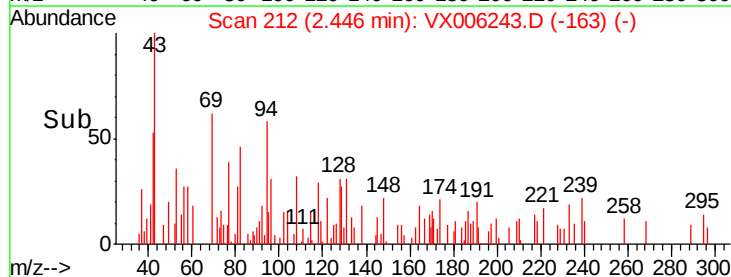
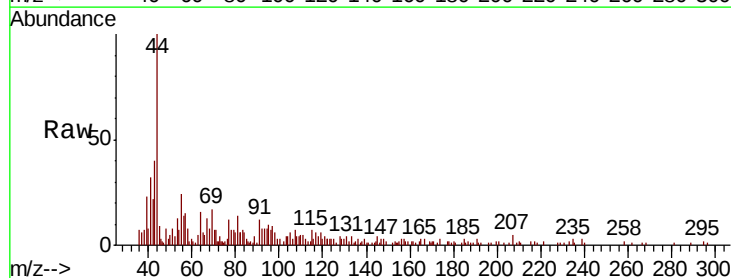
Acq: 03 Dec 2018 10:44

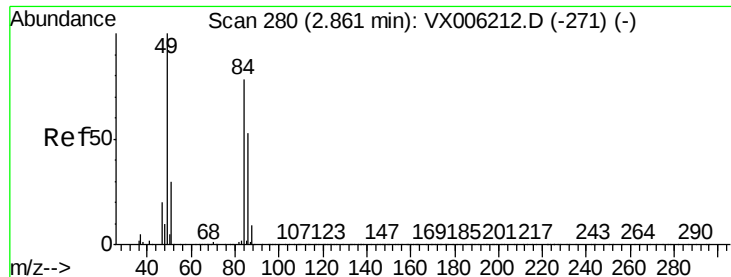
Tgt Ion: 43 Resp: 2440

Ion Ratio Lower Upper

43 100

58 16.0 24.0 36.0#

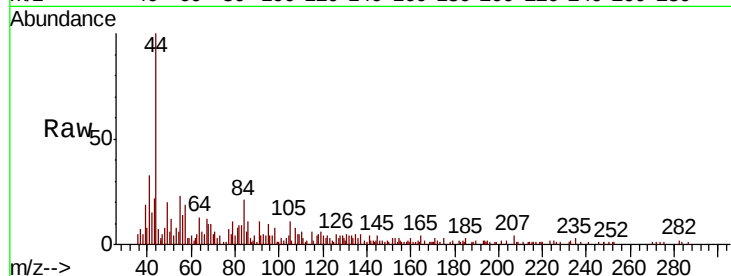




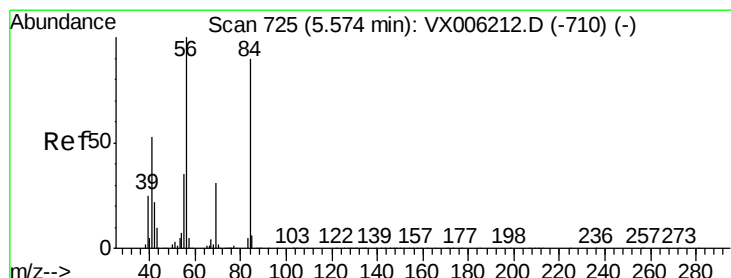
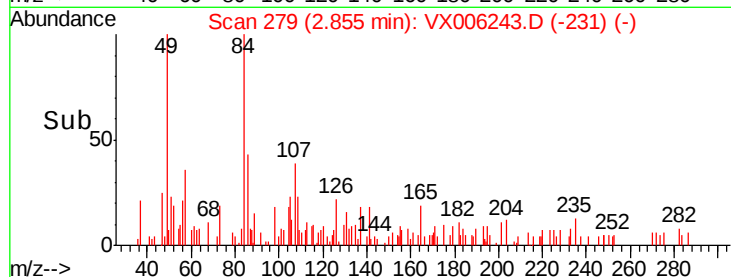
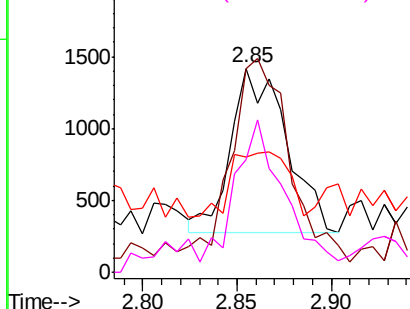
#20
Methvlene Chloride
Concen: 0.220 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006243.D
Acq: 03 Dec 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBL01

Tot Ion:	84	Resp:	2348
Ion	Ratio	Lower	Upper
84	100		
49	107.5	102.2	153.4
51	36.6	31.1	46.7
86	61.9	53.7	80.5

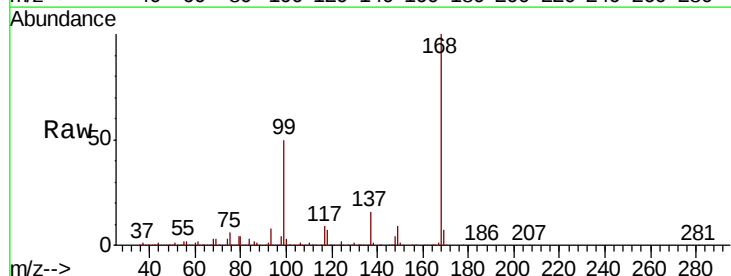


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

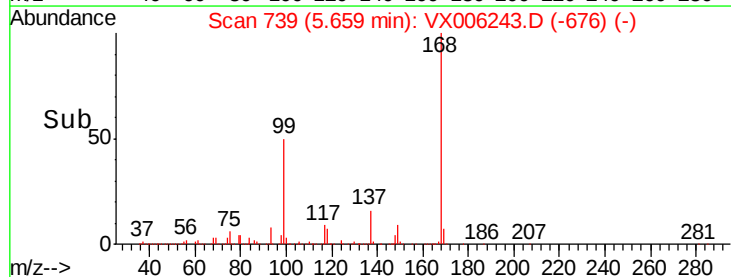
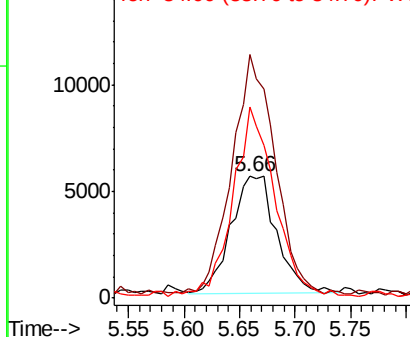


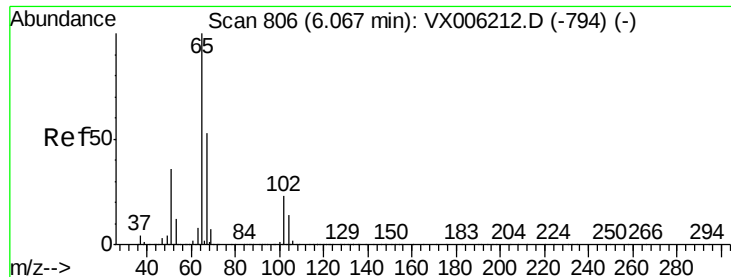
#31
Cyclohexane
Concen: 1.012 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006243.D
Acq: 03 Dec 2018 10:44

Tgt Ion:	56	Resp:	15597
Ion	Ratio	Lower	Upper
56	100		
69	204.2	24.5	36.7#
84	162.9	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: 46.020 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

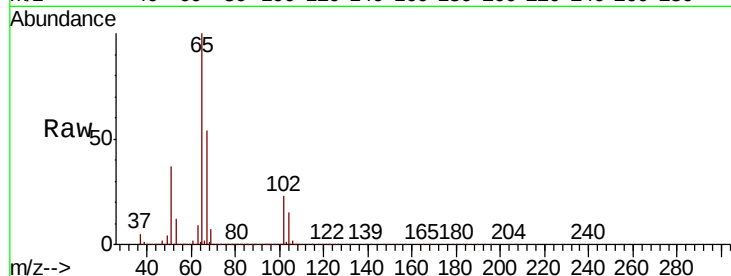
VX1203WBL01

Tot Ion: 65 Resp: 490805

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

200000

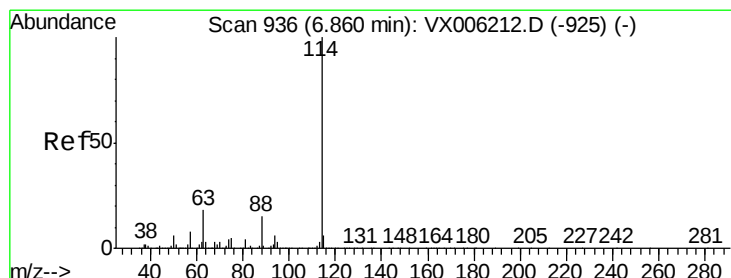
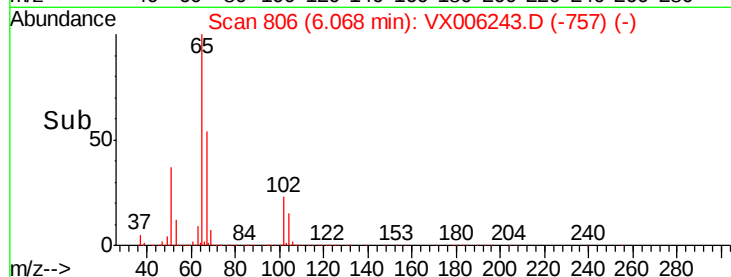
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

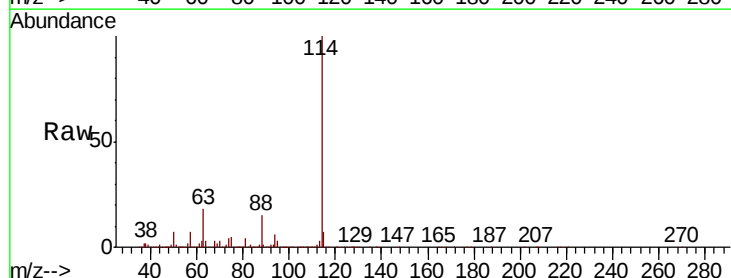
Tgt Ion: 114 Resp: 1522762

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

88 14.7 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

6.86

800000

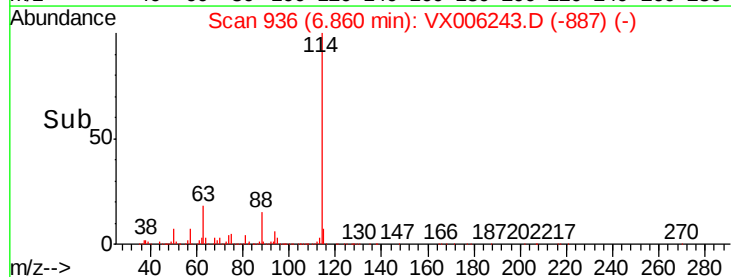
600000

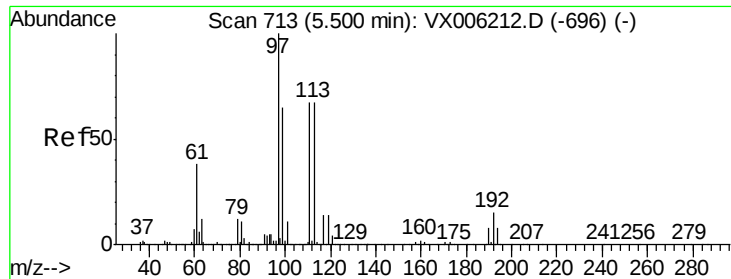
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.927 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBL01

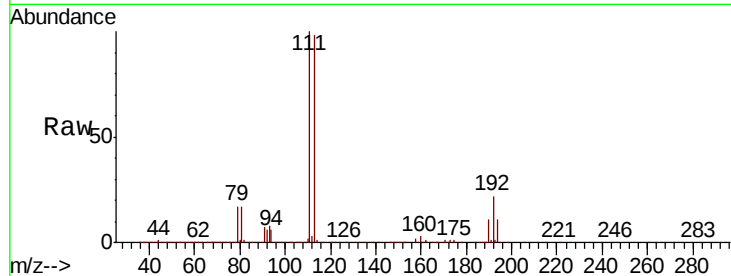
Tot Ion:113 Resp: 482389

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

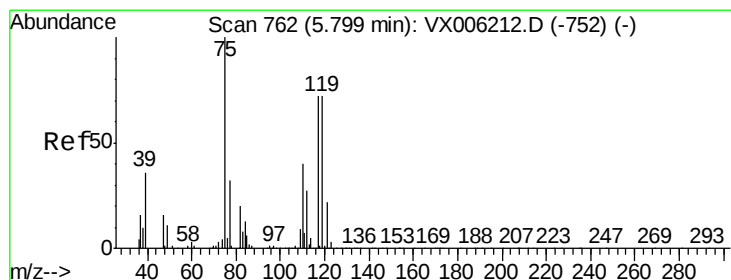
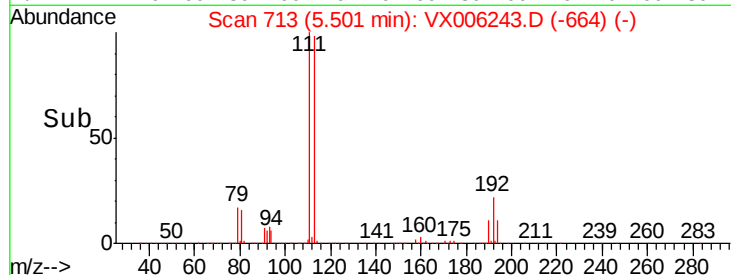
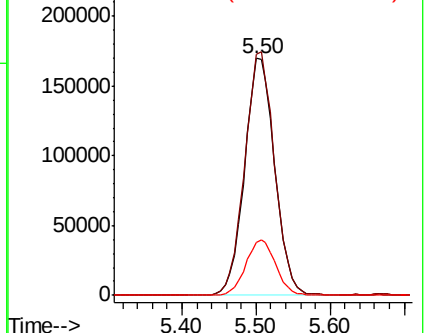
192 23.0 18.2 27.2



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: 4.850 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

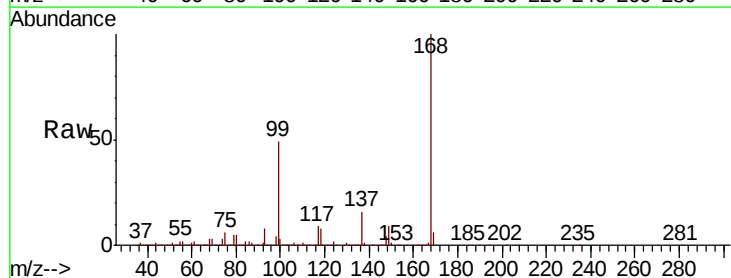
Tgt Ion: 75 Resp: 62188

Ion Ratio Lower Upper

75 100

110 11.1 20.4 61.3#

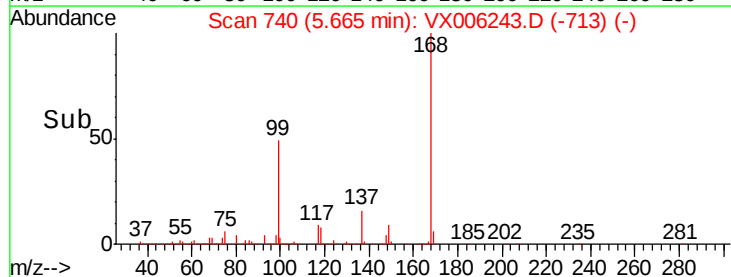
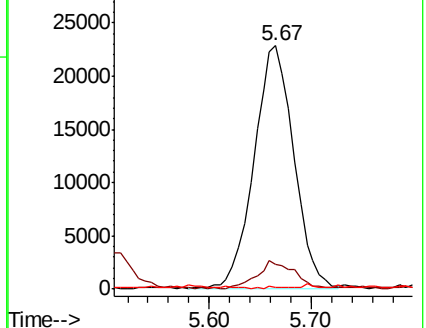
77 0.4 24.9 37.3#

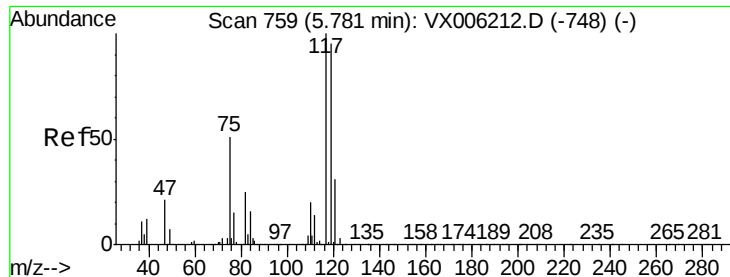


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.045 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBL01

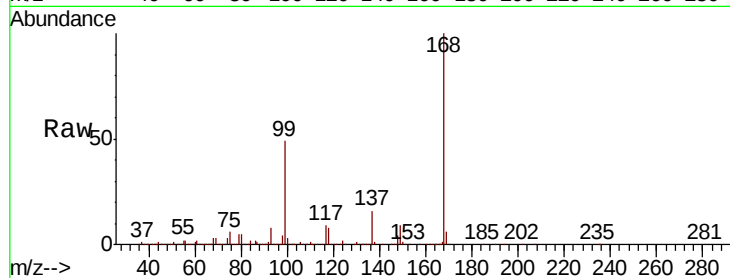
Tot Ion: 117 Resp: 91188

Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.8#

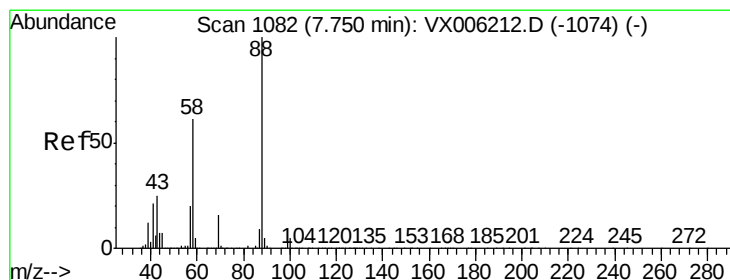
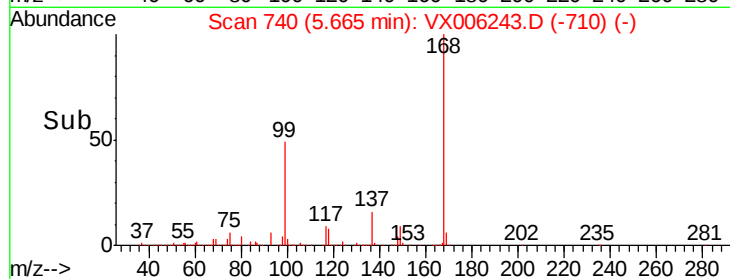
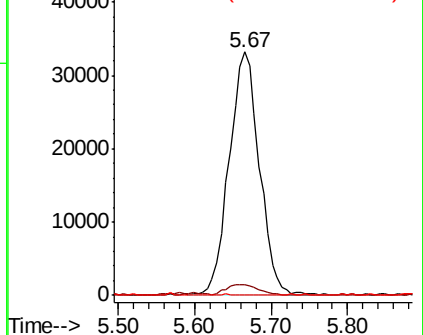
121 0.1 24.6 37.0#



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: 1.257 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

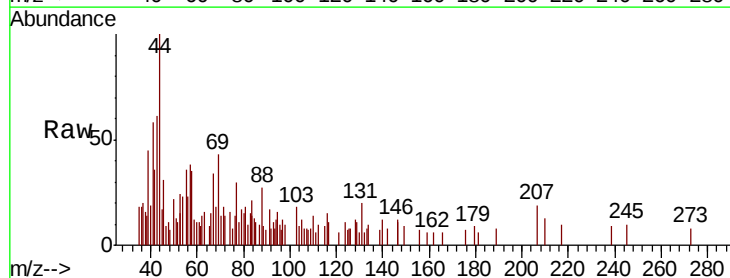
Tgt Ion: 88 Resp: 361

Ion Ratio Lower Upper

88 100

43 58.4 23.2 34.8#

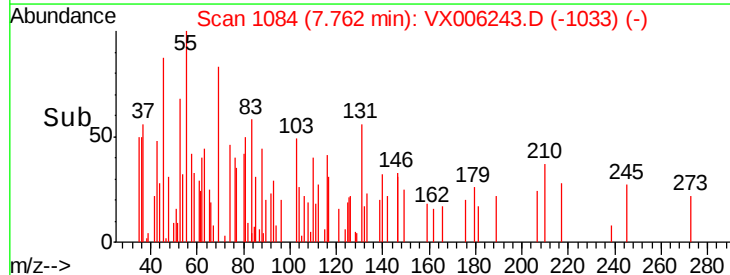
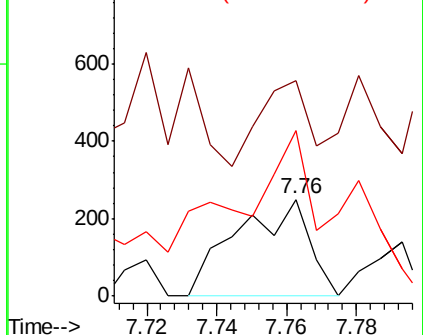
58 112.7 51.4 77.0#



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: 49.226 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

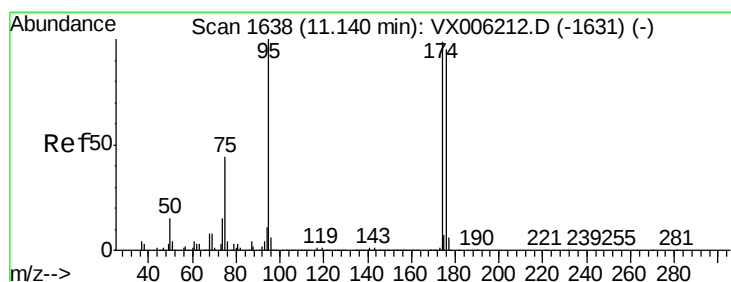
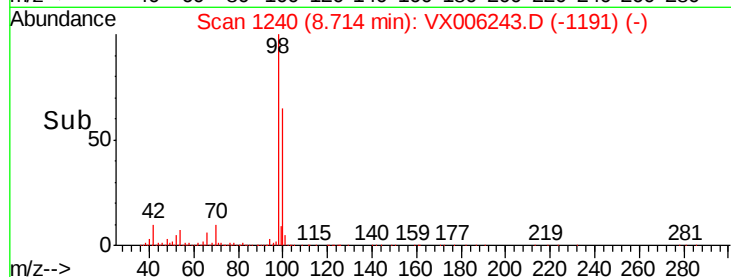
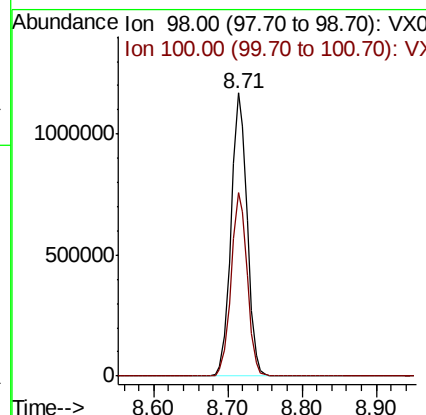
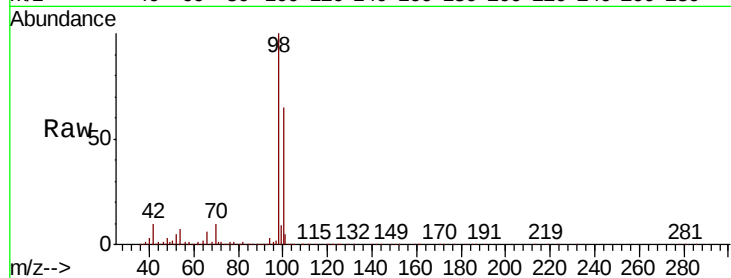
VX1203WBL01

Tot Ion: 98 Resp: 1765360

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.539 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

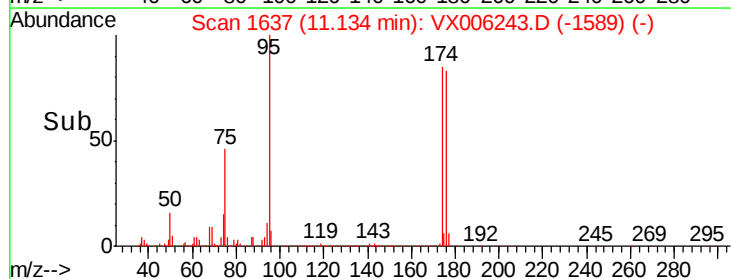
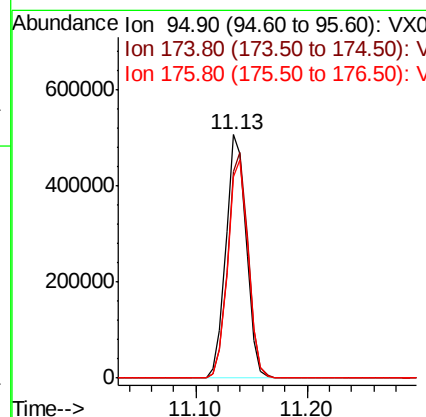
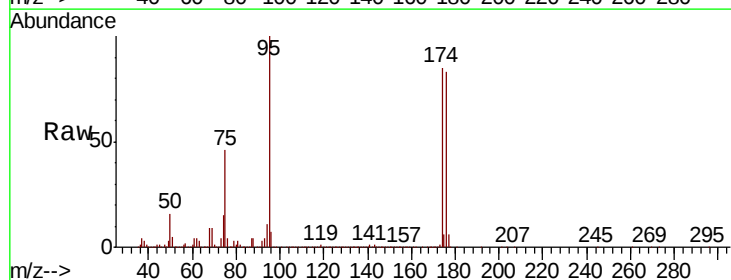
Tgt Ion: 95 Resp: 642442

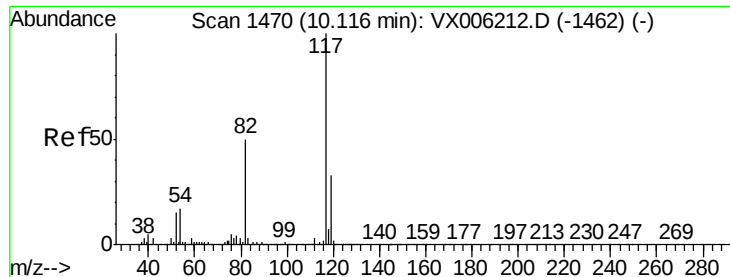
Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.0

176 89.8 0.0 181.8

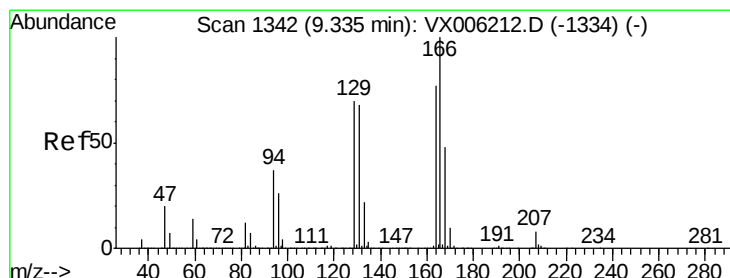
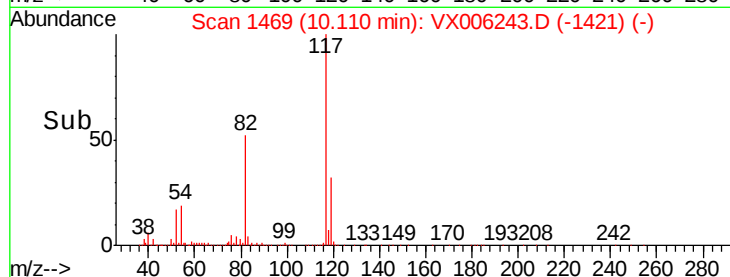
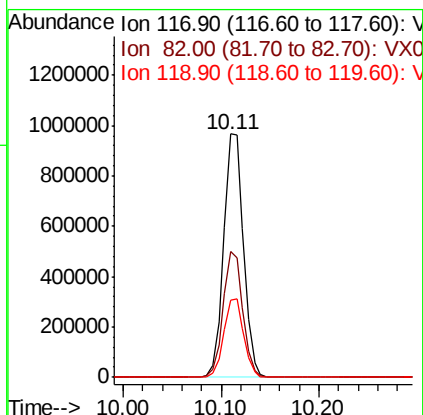
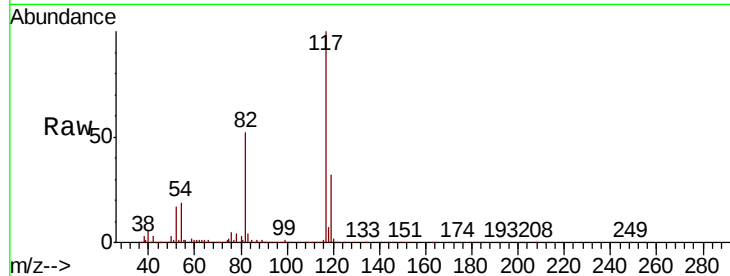




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006243.D
Acq: 03 Dec 2018 10:44

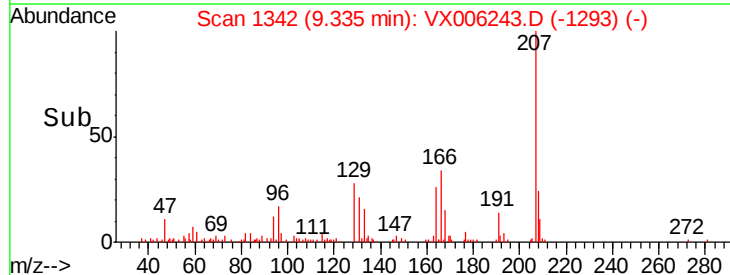
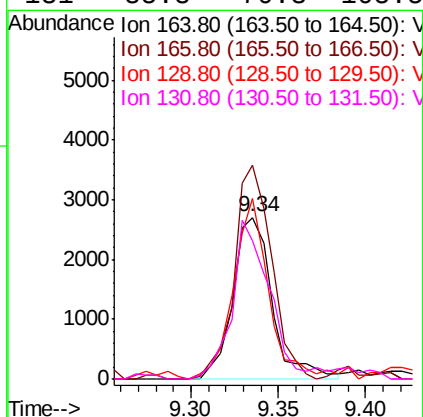
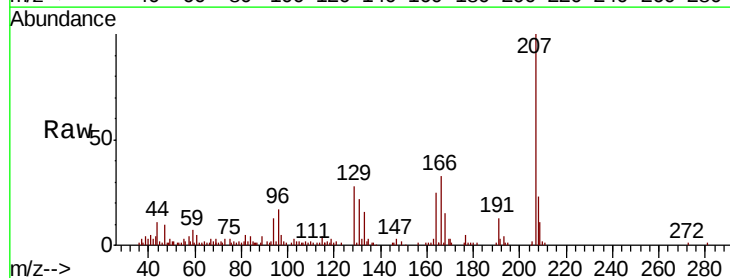
Instrument :
MSVOA_X
ClientSampleId :
VX1203WBL01

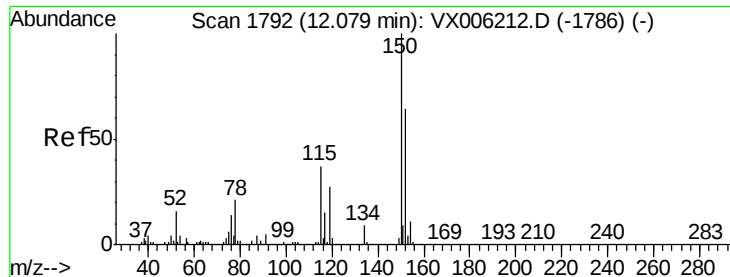
Tot Ion:117 Resp: 1356589
Ion Ratio Lower Upper
117 100
82 51.6 39.6 59.4
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 0.413 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006243.D
Acq: 03 Dec 2018 10:44

Tgt Ion:164 Resp: 4216
Ion Ratio Lower Upper
164 100
166 132.1 104.2 156.2
129 111.6 72.6 108.8#
131 85.8 70.3 105.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBL01

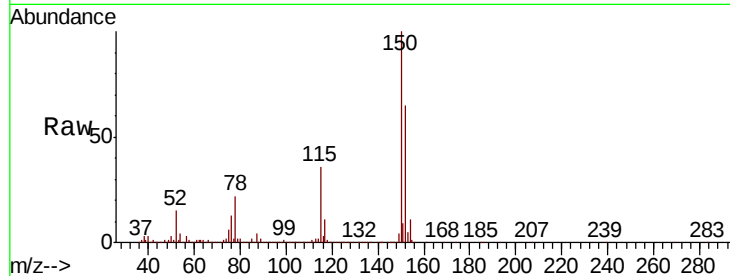
Tot Ion:152 Resp: 665165

Ion Ratio Lower Upper

152 100

115 55.4 39.0 116.9

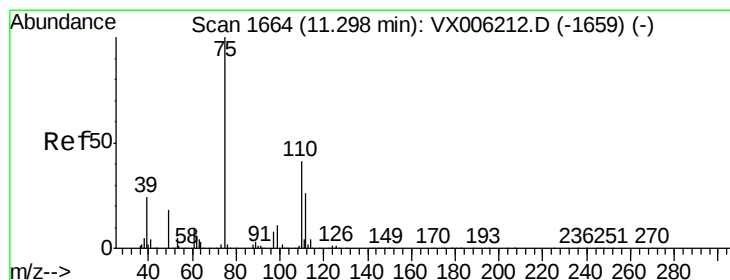
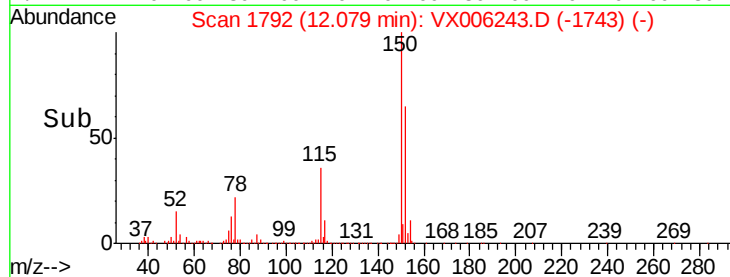
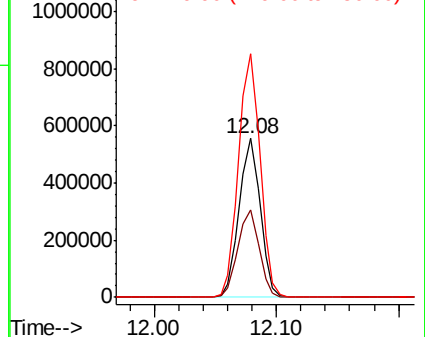
150 155.5 0.0 345.8



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: 22.835 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006243.D

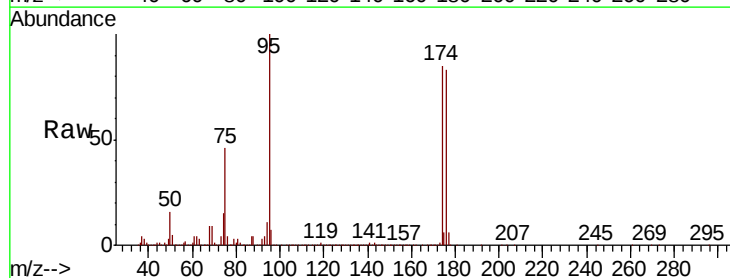
Acq: 03 Dec 2018 10:44

Tgt Ion: 75 Resp: 293175

Ion Ratio Lower Upper

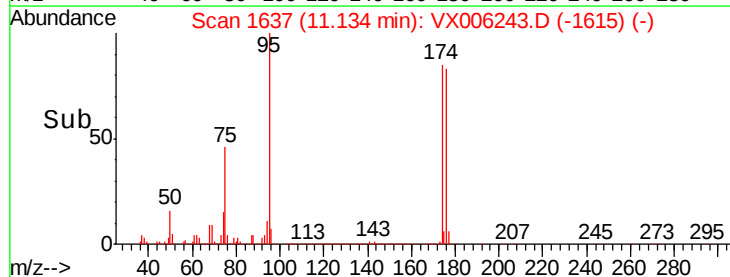
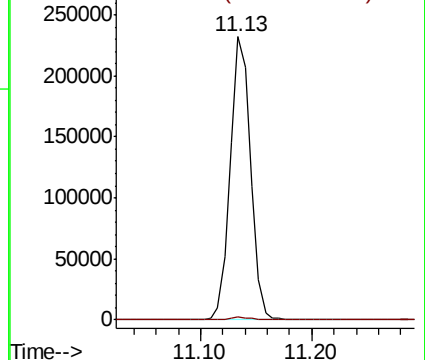
75 100

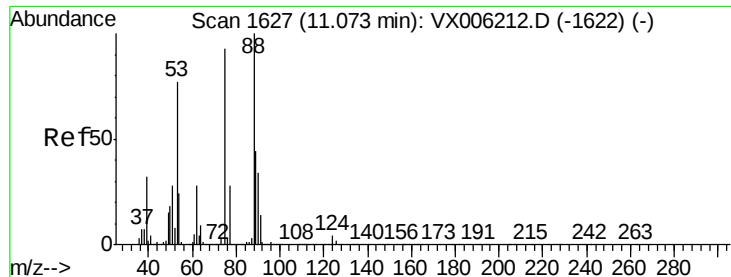
77 1.0 19.9 59.7#



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: 53.588 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBL01

Tot Ion: 75 Resp: 293175

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 44.2 66.4#

