

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006247.D
 Acq On : 03 Dec 2018 12:31
 Operator : JC/MD
 Sample : J6139-01
 Misc : 6.24g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483

Quant Time: Dec 04 04:54:10 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	5.66	168	791638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1170339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1081609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	593524	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	379178	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	5.51	113	371242	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	8.71	98	1363235	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.14	95	537453	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	

Target Compounds

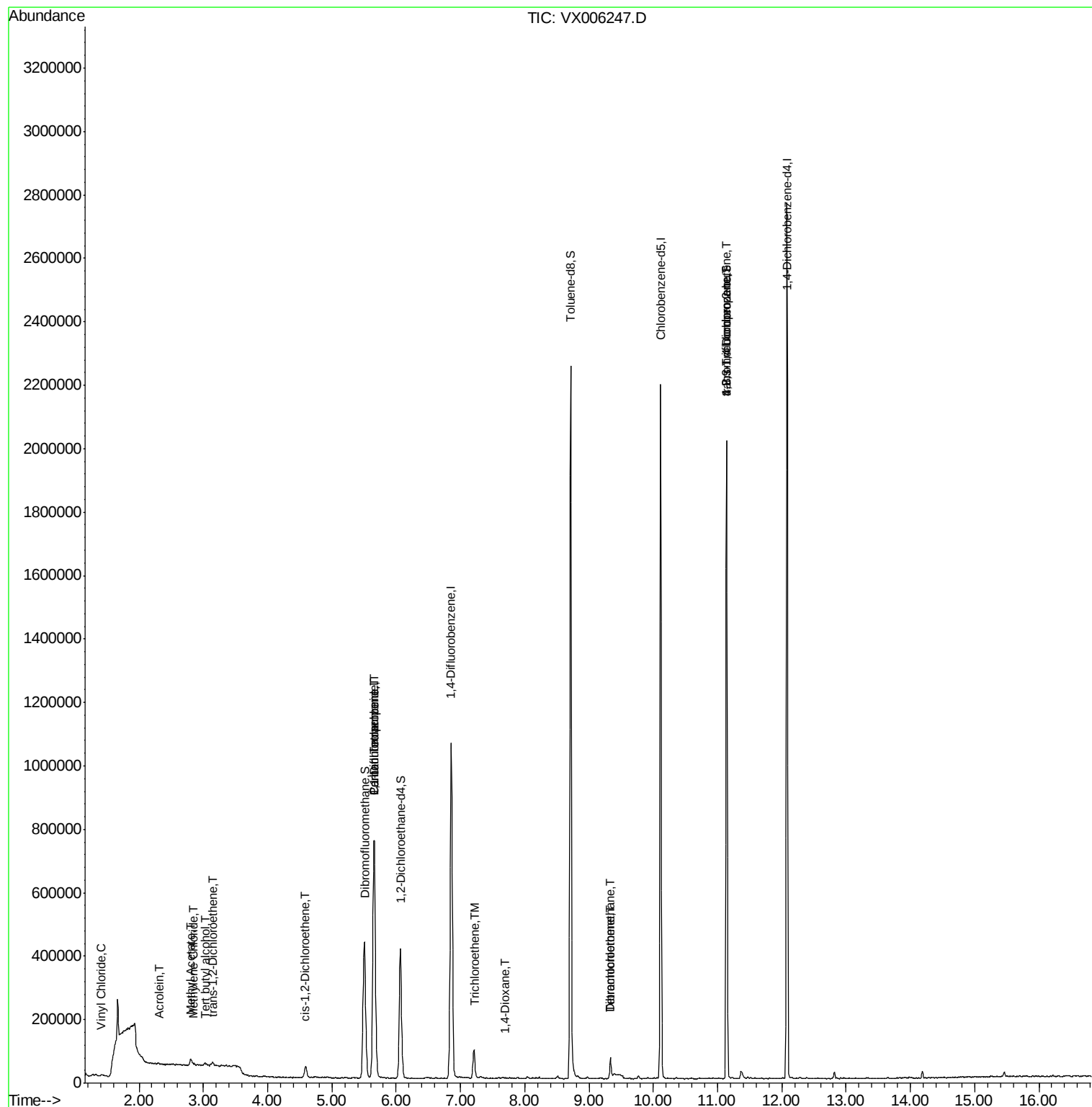
						Qvalue
4) Vinyl Chloride	1.41	62	3179	0.371	ug/l #	82
11) Tert butyl alcohol	3.02	59	5701	2.580	ug/l	98
13) Acrolein	2.31	56	596	0.493	ug/l #	31
18) Methyl Acetate	2.80	43	28556	2.252	ug/l	100
20) Methylene Chloride	2.85	84	3685	0.457	ug/l #	79
21) trans-1,2-Dichloroethene	3.14	96	5096	0.668	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	25252	2.966	ug/l	87
36) 1,1-Dichloropropene	5.66	75	52104	5.287	ug/l #	48
38) Carbon Tetrachloride	5.66	117	69971	6.035	ug/l #	16
44) Trichloroethene	7.21	130	38752	4.334	ug/l	93
49) 1,4-Dioxane	7.70	88	91	0.412	ug/l #	1
60) Dibromochloromethane	9.34	129	7844	0.806	ug/l #	13
64) Tetrachloroethene	9.34	164	8901	1.093	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	244749	21.364	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	244749	50.136	ug/l #	15

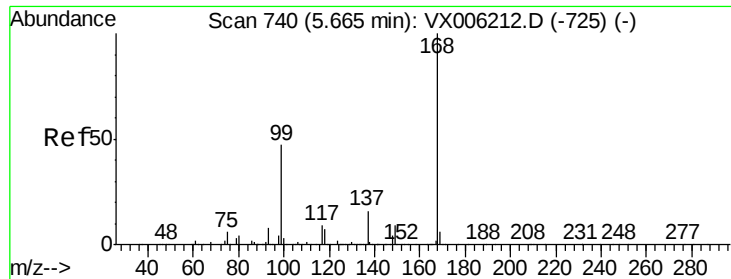
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120318\
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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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006247.D

Acq: 03 Dec 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

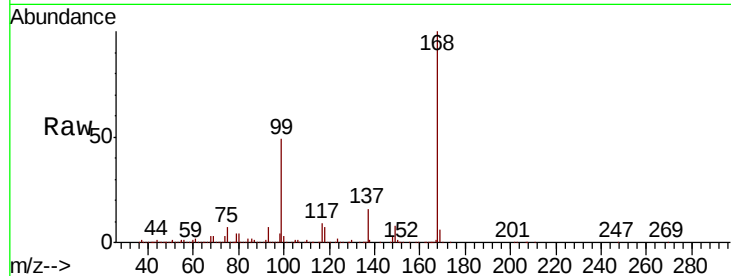
S49-0483

Tot Ion:168 Resp: 791638

Ion Ratio Lower Upper

168 100

99 48.7 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

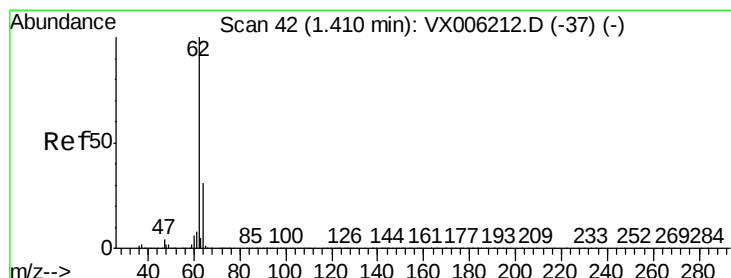
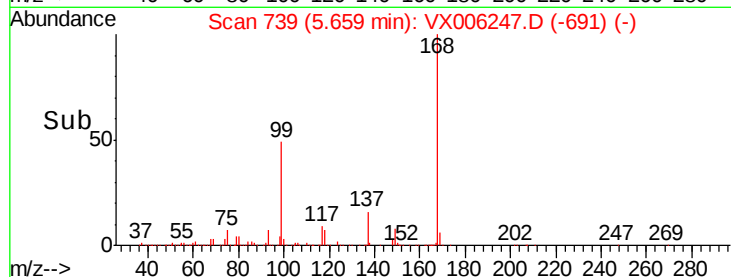
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 0.371 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006247.D

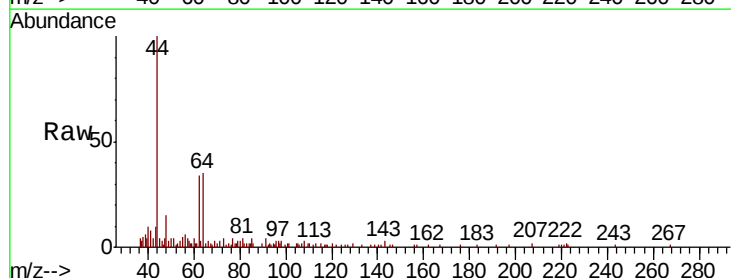
Acq: 03 Dec 2018 12:31

Tgt Ion: 62 Resp: 3179

Ion Ratio Lower Upper

62 100

64 41.0 24.9 37.3#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

3000

2500

2000

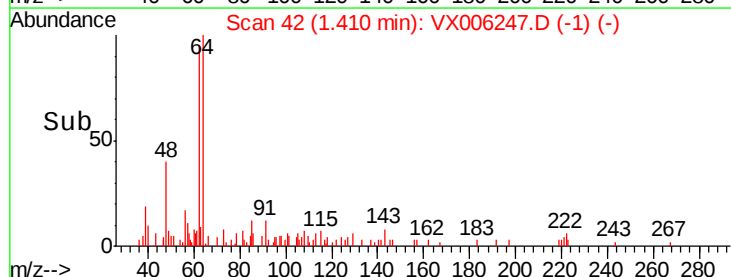
1500

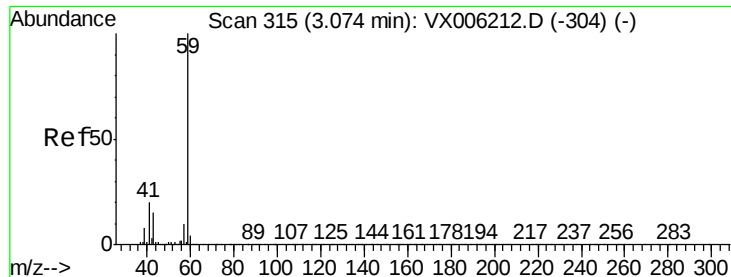
1000

500

0

Time-->

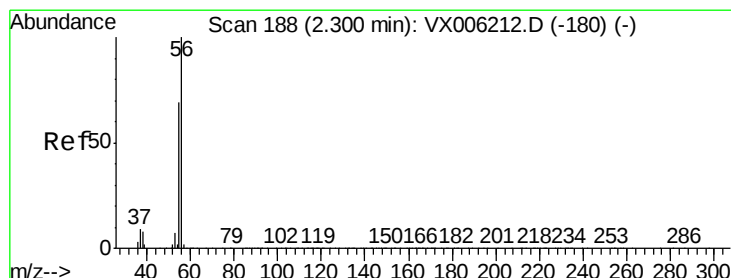
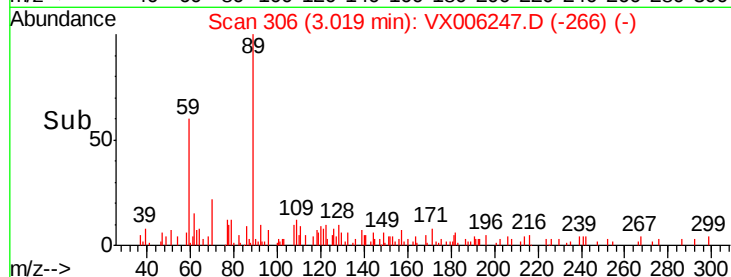
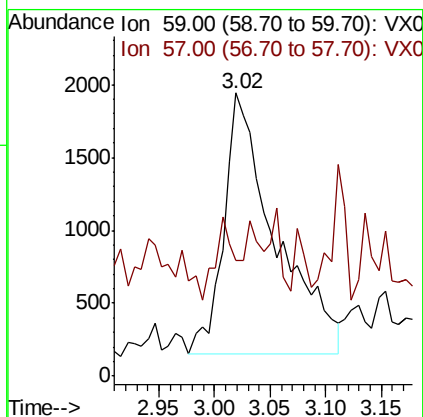
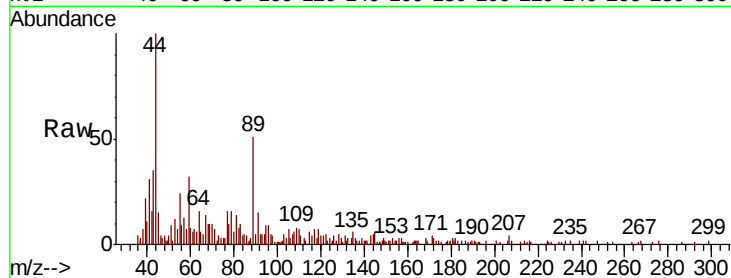




#11
Tert butyl alcohol
Concen: 2.580 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006247.D
Acq: 03 Dec 2018 12:31

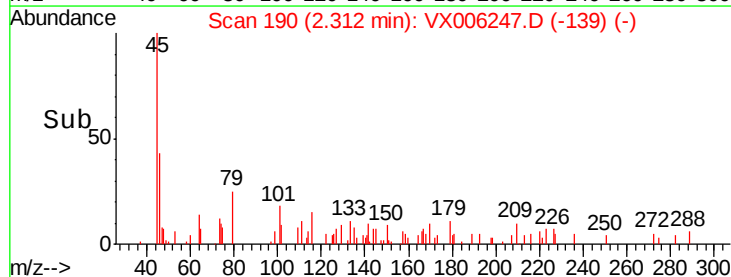
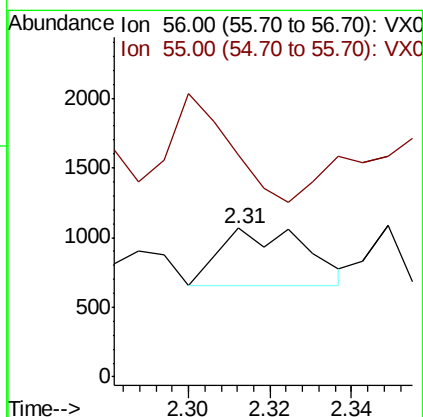
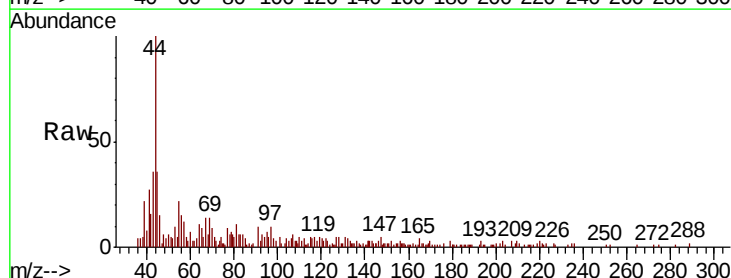
Instrument :
MSVOA_X
ClientSampleId :
S49-0483

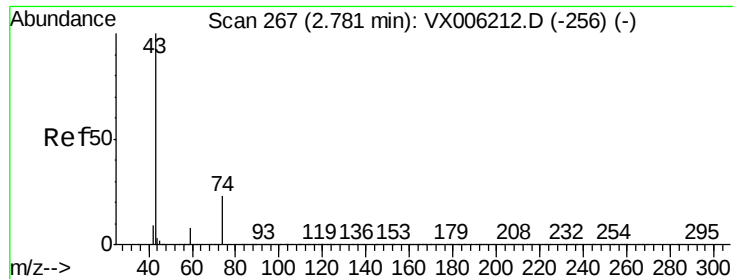
Tot Ion: 59 Resp: 5701
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#13
Acrolein
Concen: 0.493 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.01 min
Lab File: VX006247.D
Acq: 03 Dec 2018 12:31

Tgt Ion: 56 Resp: 596
Ion Ratio Lower Upper
56 100
55 130.0 57.8 86.6#

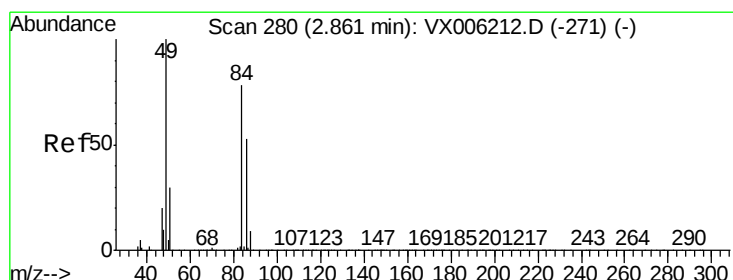
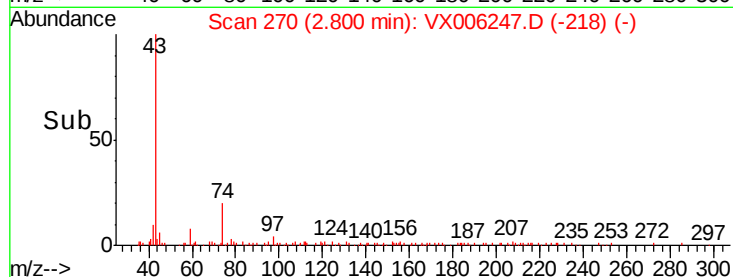
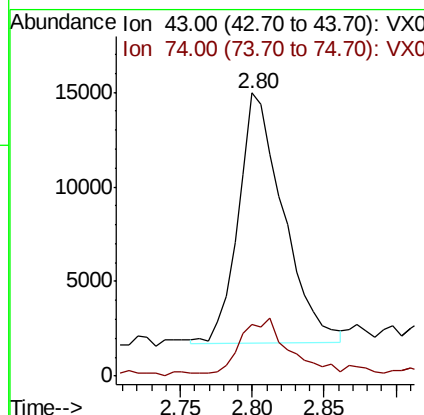
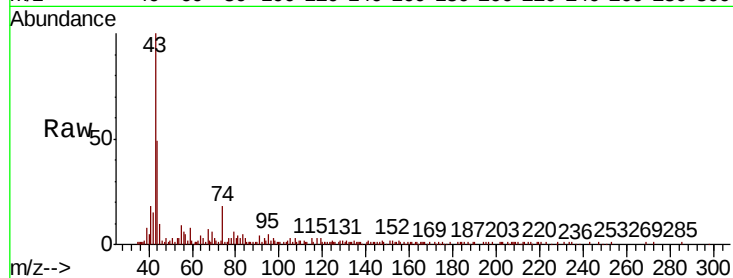




#18
Methyl Acetate
Concen: 2.252 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX006247.D
Acq: 03 Dec 2018 12:31

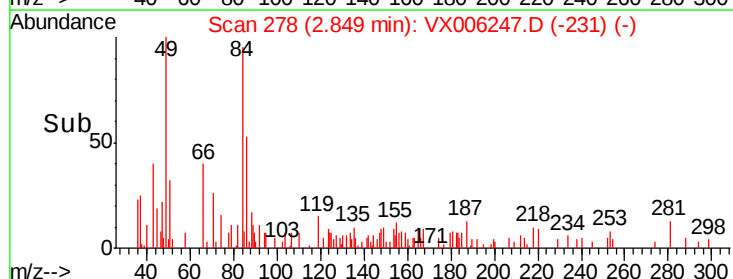
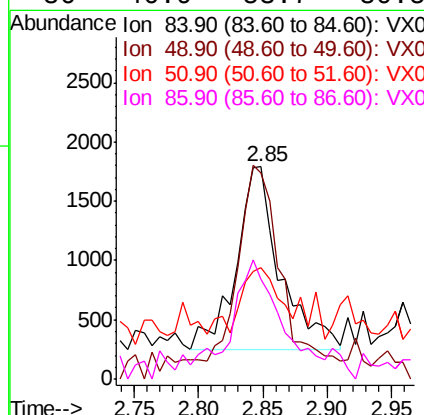
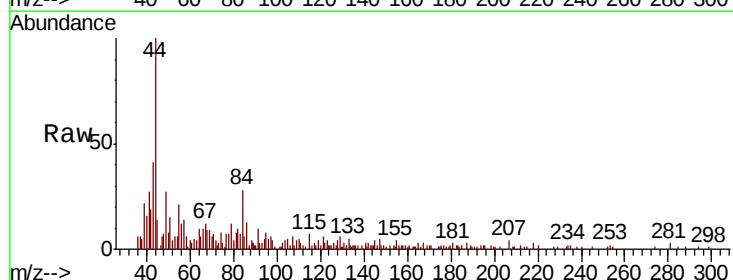
Instrument :
MSVOA_X
ClientSampleId :
S49-0483

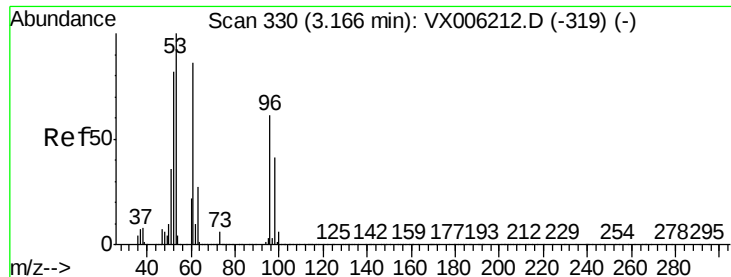
Tot Ion: 43 Resp: 28556
Ion Ratio Lower Upper
43 100
74 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 0.457 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX006247.D
Acq: 03 Dec 2018 12:31

Tgt Ion: 84 Resp: 3685
Ion Ratio Lower Upper
84 100
49 103.1 102.2 153.4
51 32.0 31.1 46.7
86 46.9 53.7 80.5#





#21

trans-1,2-Dichloroethene

Concen: 0.668 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.02 min

Lab File: VX006247.D

Acq: 03 Dec 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

S49-0483

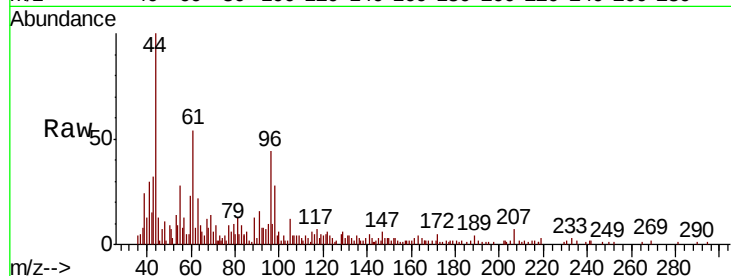
Tot Ion: 96 Resp: 5096

Ion Ratio Lower Upper

96 100

61 132.4 113.3 169.9

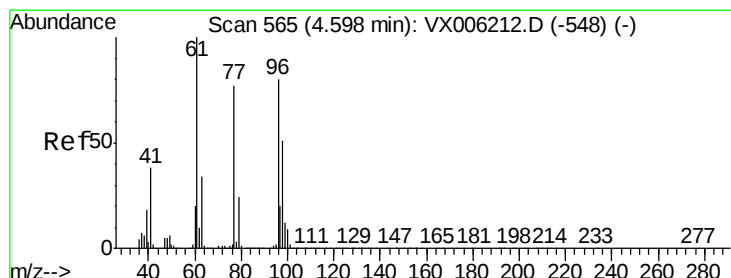
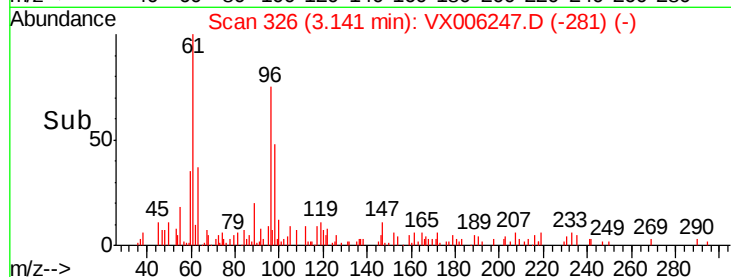
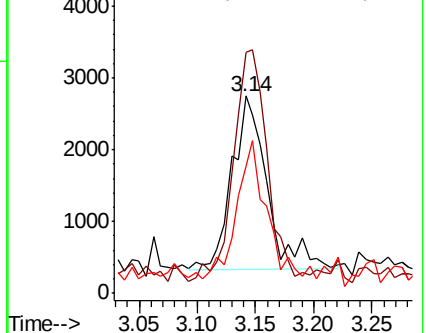
98 64.3 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.966 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX006247.D

Acq: 03 Dec 2018 12:31

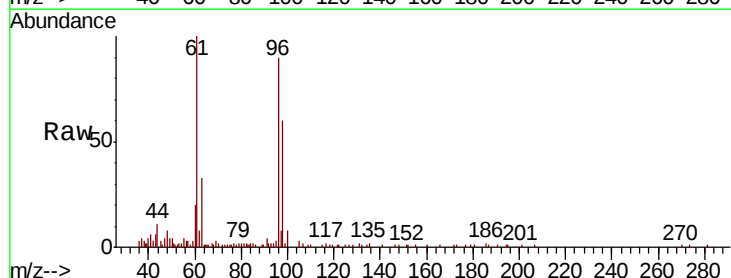
Tgt Ion: 96 Resp: 25252

Ion Ratio Lower Upper

96 100

61 112.2 0.0 265.0

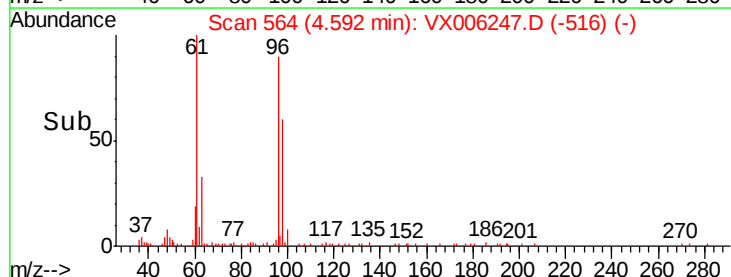
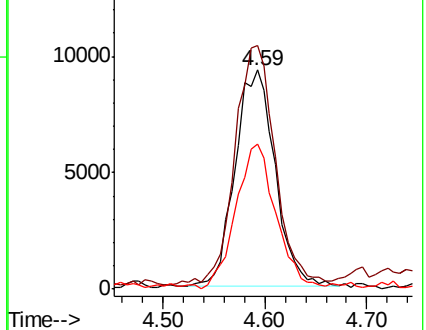
98 67.5 0.0 130.2

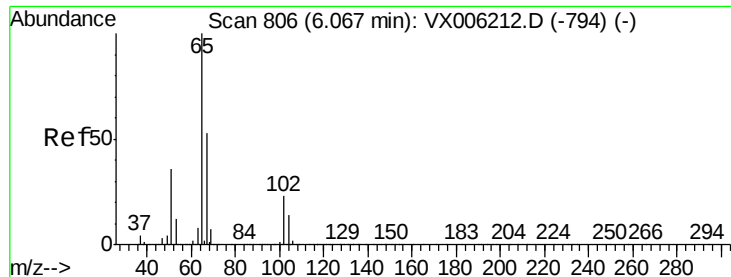


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

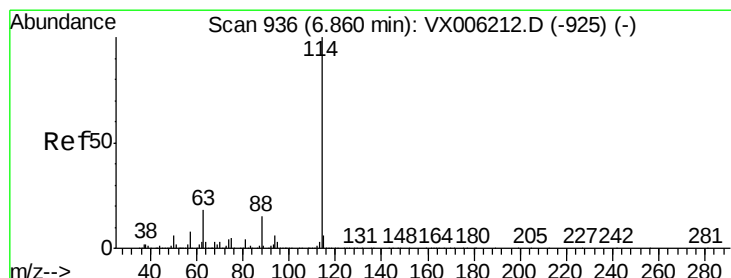
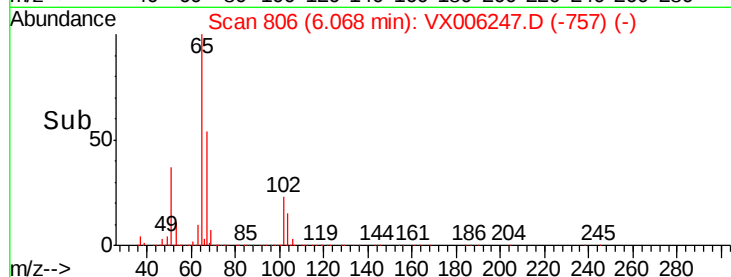
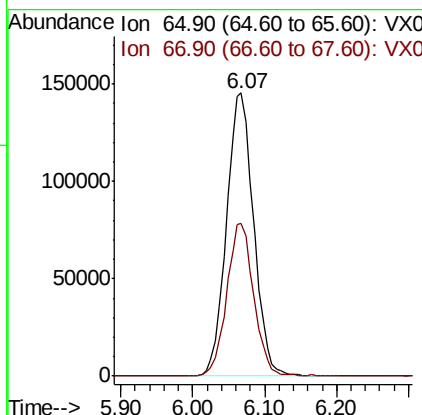
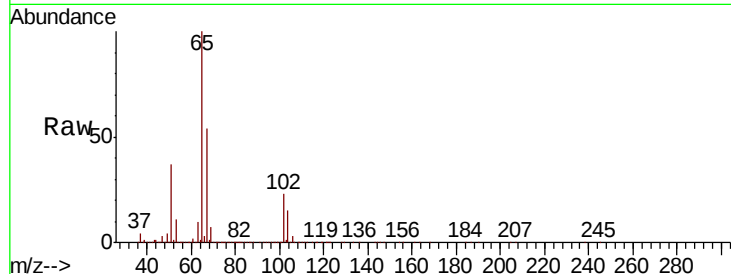




#33
 1,2-Dichloroethane-d4
 Concen: 46.920 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006247.D
 Acq: 03 Dec 2018 12:31

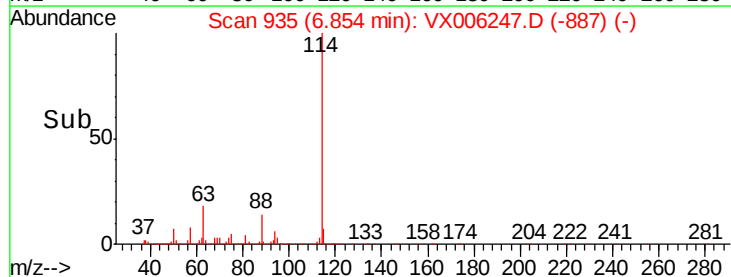
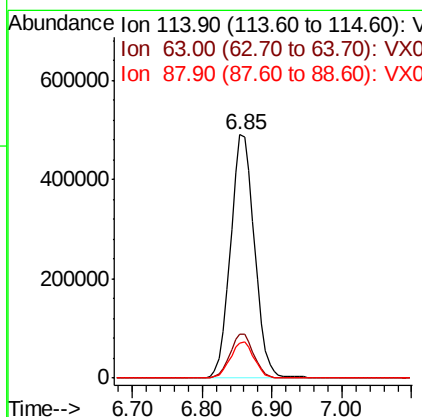
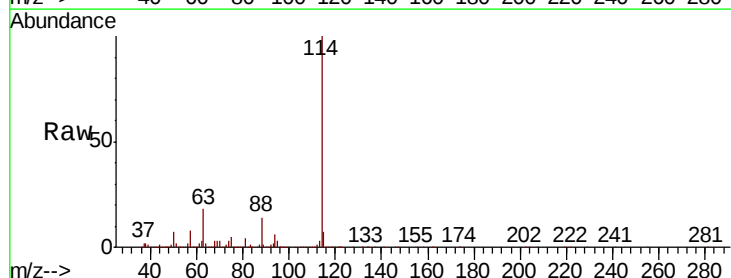
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483

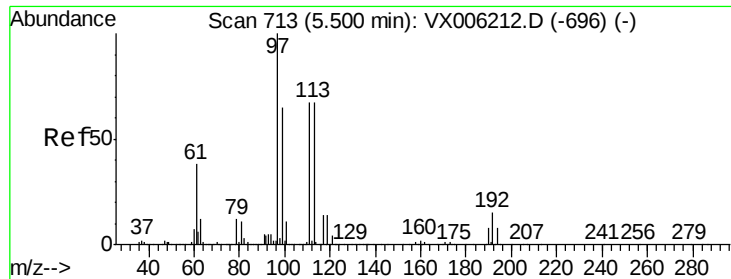
Tot Ion: 65 Resp: 379178
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006247.D
 Acq: 03 Dec 2018 12:31

Tgt Ion: 114 Resp: 1170339
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.6
 88 14.5 0.0 29.0

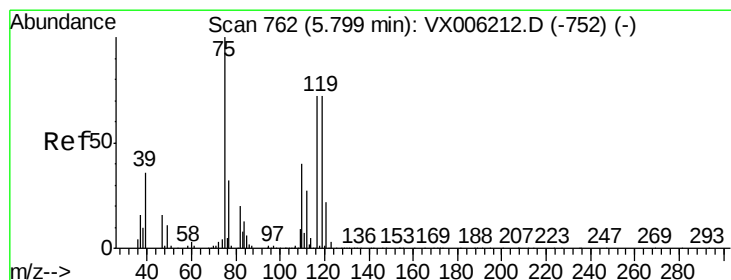
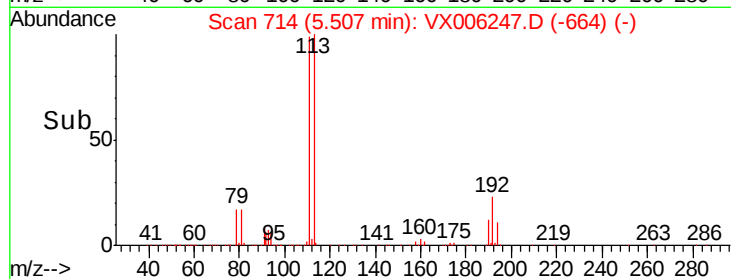
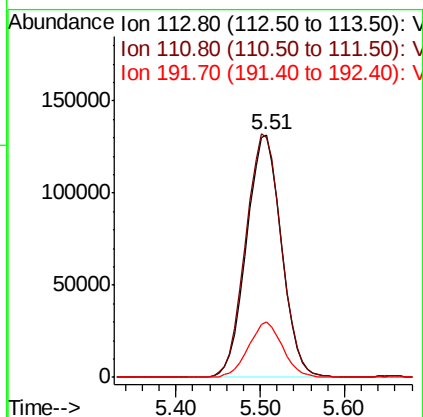
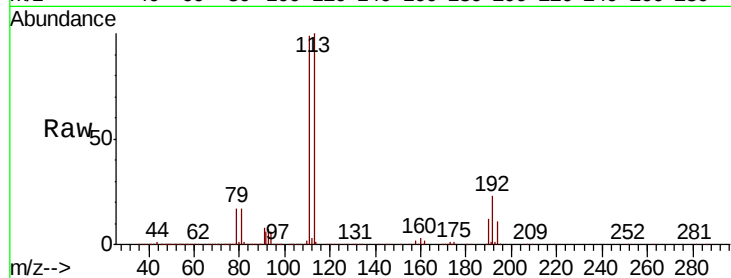




#35
 Dibromofluoromethane
 Concen: 48.993 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006247.D
 Acq: 03 Dec 2018 12:31

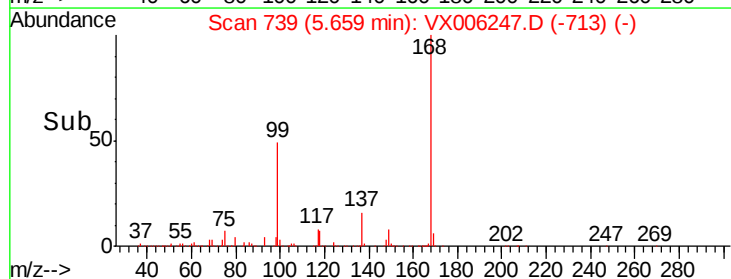
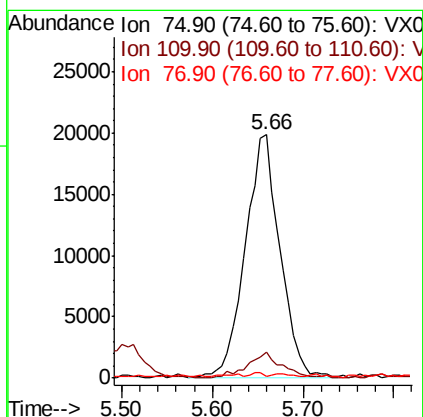
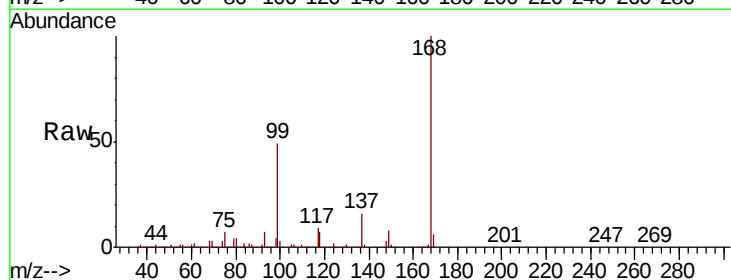
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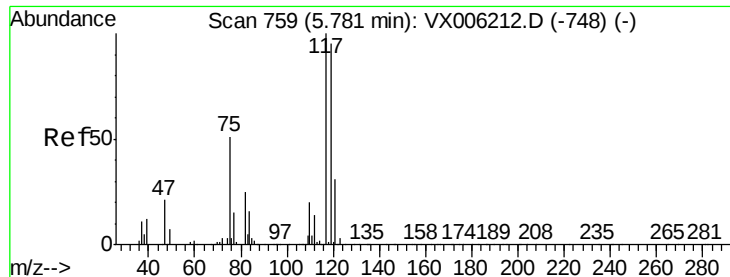
Tot Ion:113 Resp: 371242
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 22.4 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 5.287 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006247.D
 Acq: 03 Dec 2018 12:31

Tgt Ion: 75 Resp: 52104
 Ion Ratio Lower Upper
 75 100
 110 10.5 20.4 61.3#
 77 0.5 24.9 37.3#

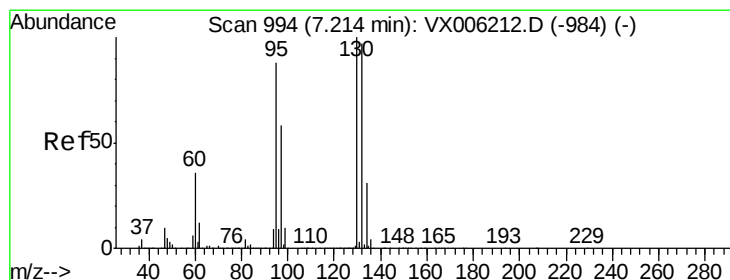
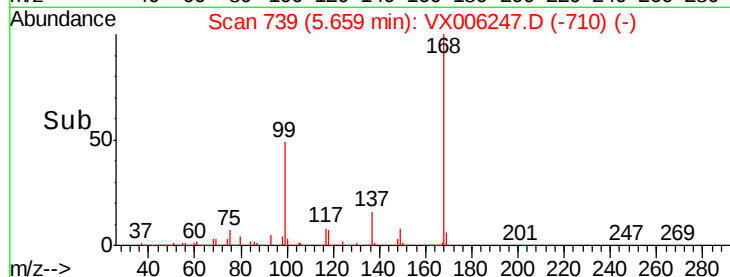
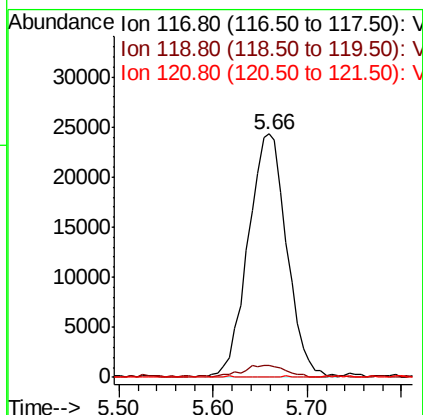
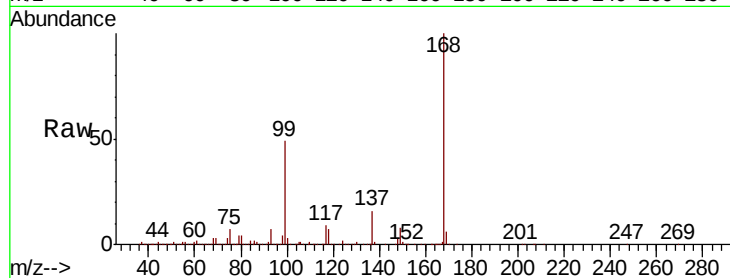




#38
Carbon Tetrachloride
Concen: 6.035 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006247.D
Acq: 03 Dec 2018 12:31

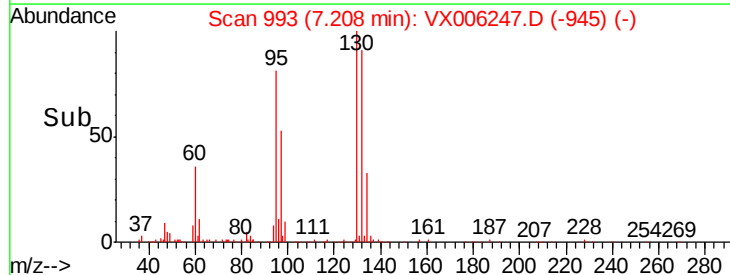
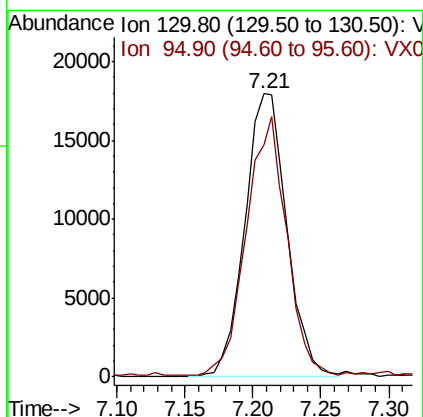
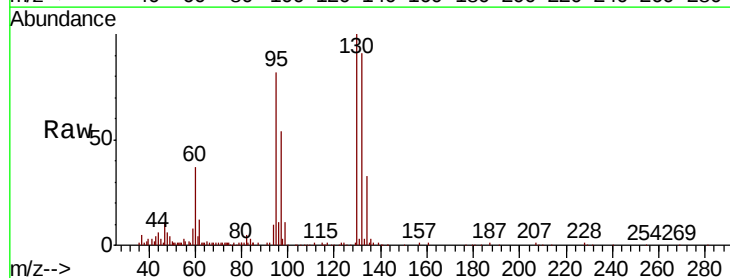
Instrument :
MSVOA_X
ClientSampleId :
S49-0483

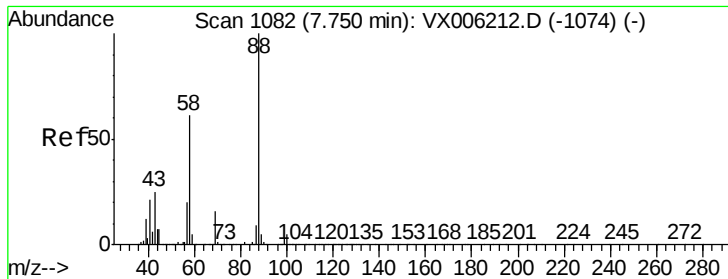
Tot Ion:117 Resp: 69971
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 4.334 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX006247.D
Acq: 03 Dec 2018 12:31

Tgt Ion:130 Resp: 38752
Ion Ratio Lower Upper
130 100
95 81.2 0.0 175.8





#49

1,4-Dioxane

Concen: 0.412 ug/l

RT: 7.70 min Scan# 1073

Delta R.T. -0.05 min

Lab File: VX006247.D

Acq: 03 Dec 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

S49-0483

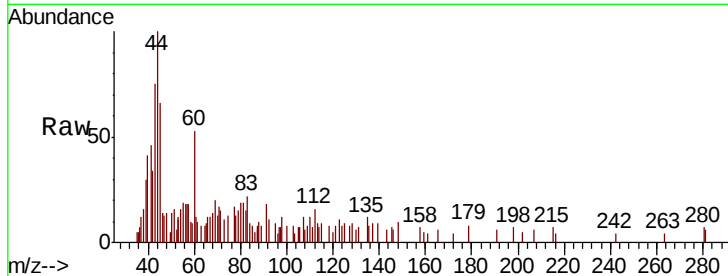
Tot Ion: 88 Resp: 91

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

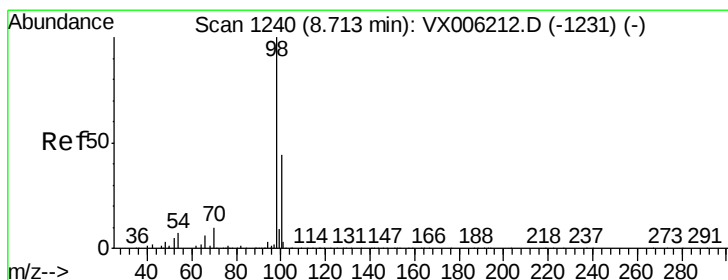
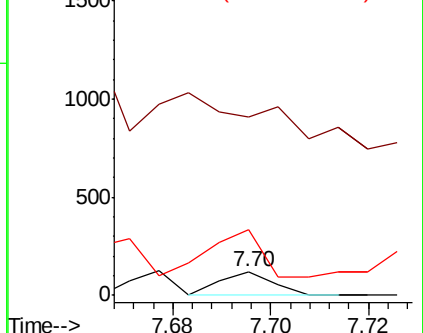
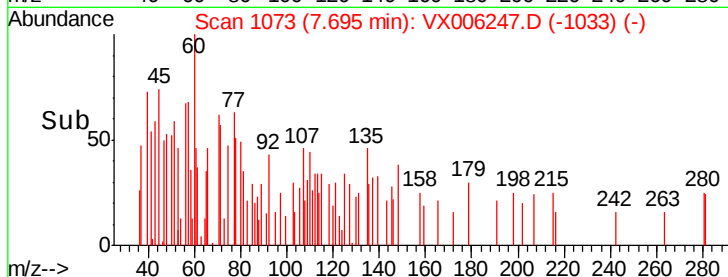
58 384.6 51.4 77.0#



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: 49.460 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006247.D

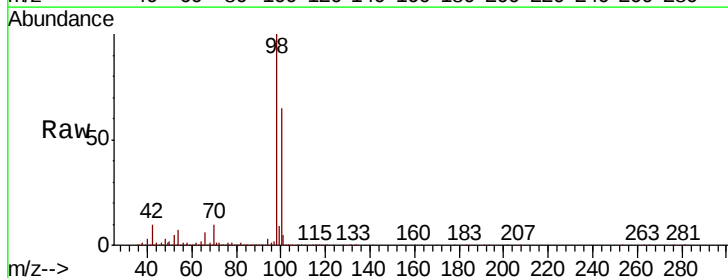
Acq: 03 Dec 2018 12:31

Tgt Ion: 98 Resp: 1363235

Ion Ratio Lower Upper

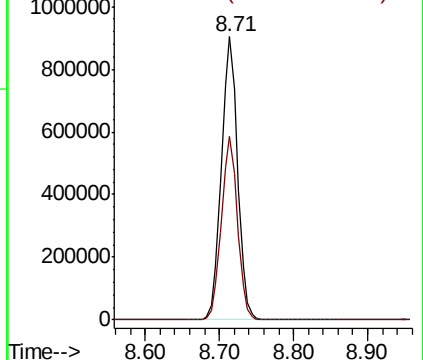
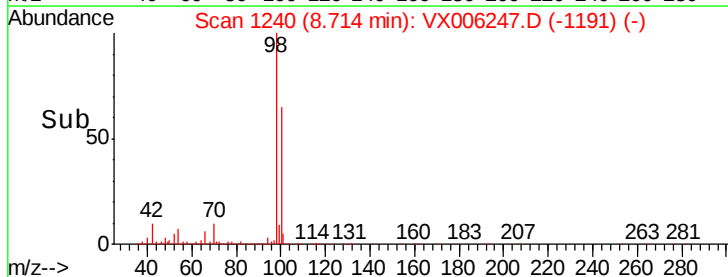
98 100

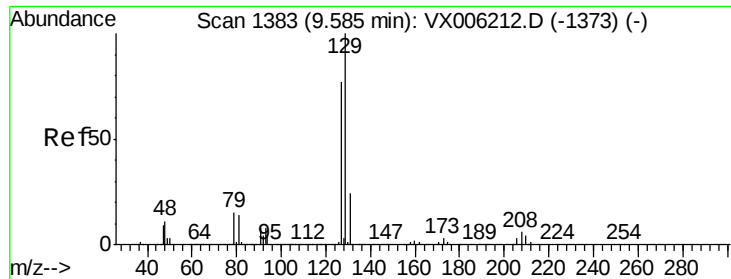
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

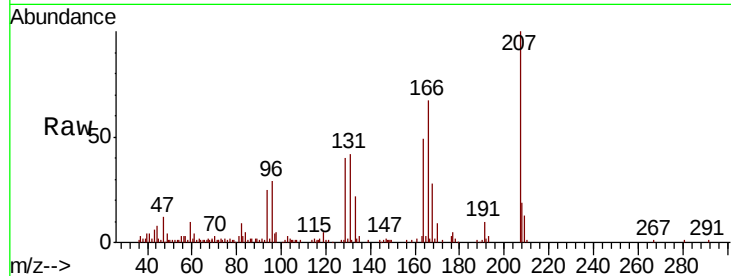




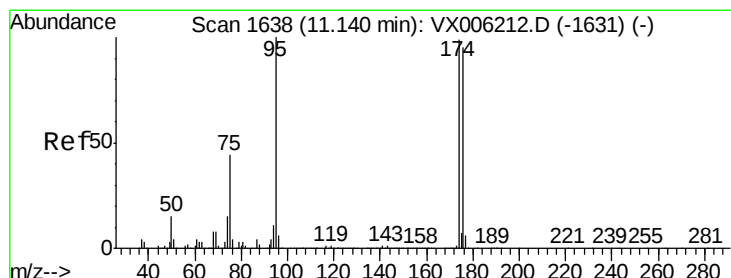
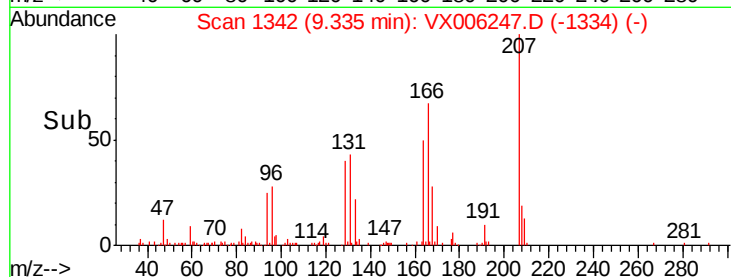
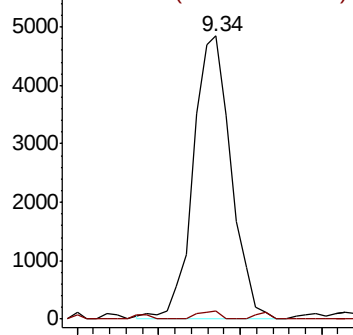
#60
 Dibromochloromethane
 Concen: 0.806 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.25 min
 Lab File: VX006247.D
 Acq: 03 Dec 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483

Tot Ion:129 Resp: 7844
 Ion Ratio Lower Upper
 129 100
 127 1.6 38.6 115.8#

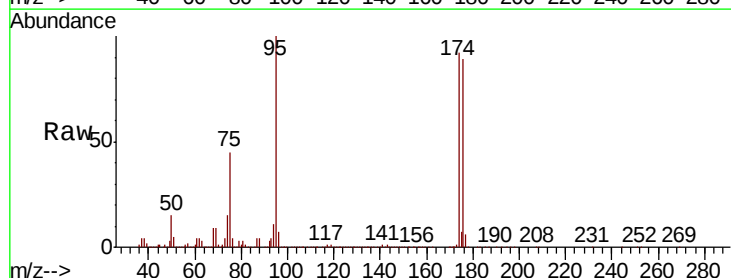


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

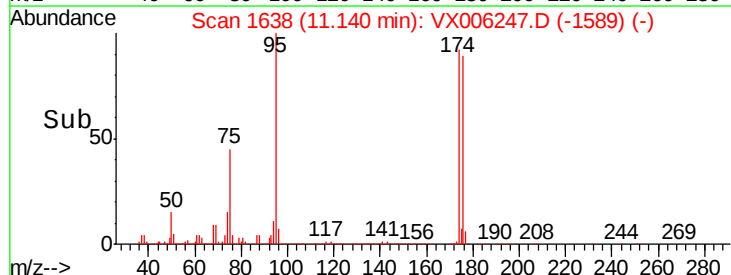
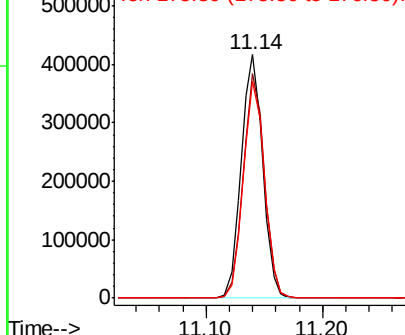


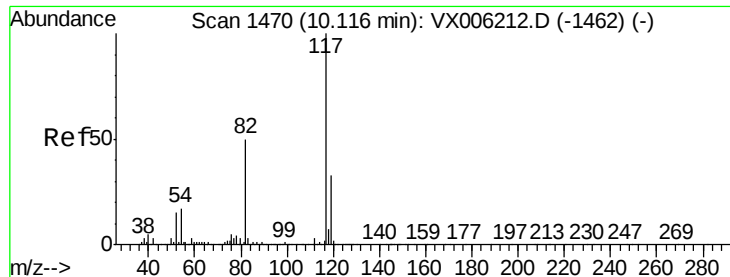
#62
 4-Bromofluorobenzene
 Concen: 51.746 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX006247.D
 Acq: 03 Dec 2018 12:31

Tgt Ion: 95 Resp: 537453
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 187.0
 176 88.3 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: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006247.D

Acq: 03 Dec 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

S49-0483

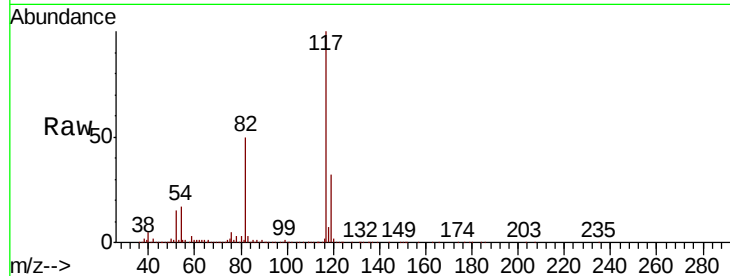
Tot Ion:117 Resp: 1081609

Ion Ratio Lower Upper

117 100

82 49.8 39.6 59.4

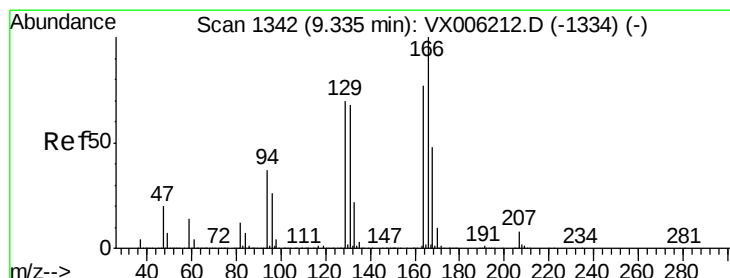
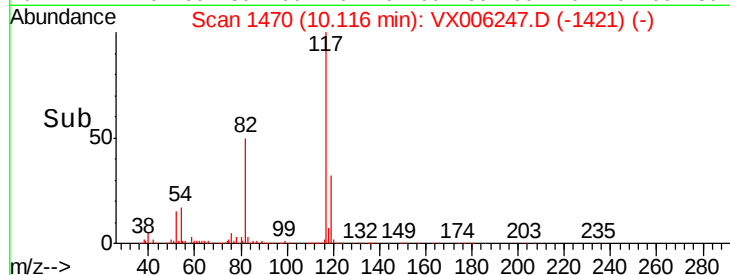
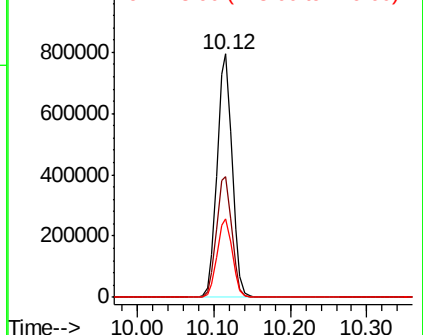
119 32.3 26.3 39.5



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



#64

Tetrachloroethene

Concen: 1.093 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006247.D

Acq: 03 Dec 2018 12:31

Tgt Ion:164 Resp: 8901

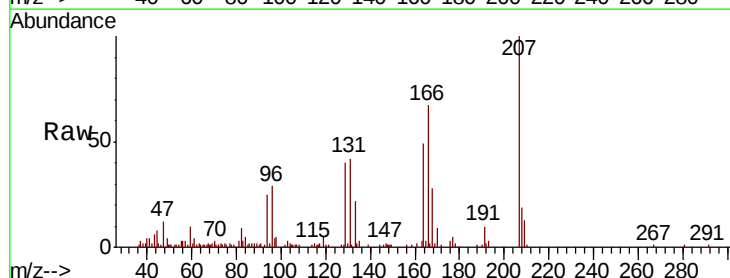
Ion Ratio Lower Upper

164 100

166 135.5 104.2 156.2

129 80.8 72.6 108.8

131 83.8 70.3 105.5

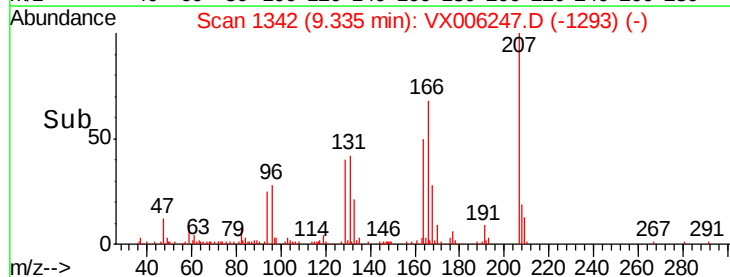
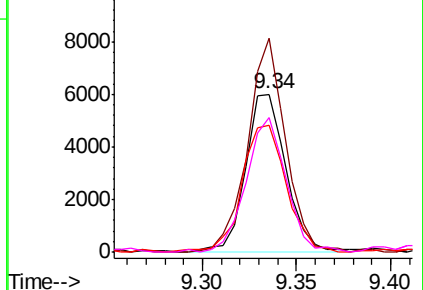


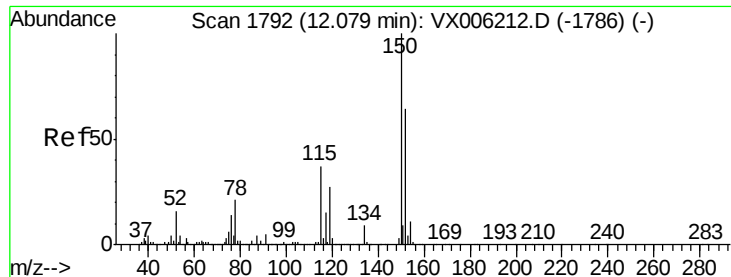
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



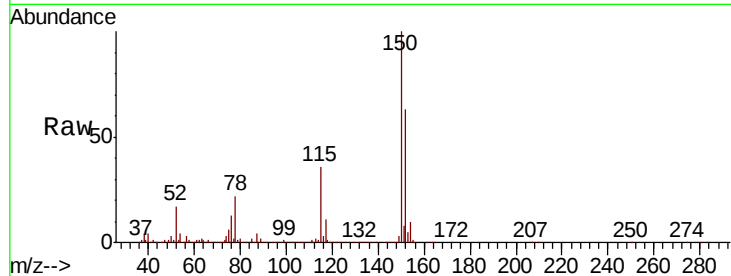


#72

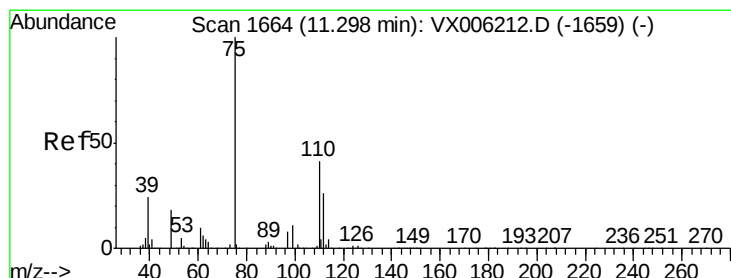
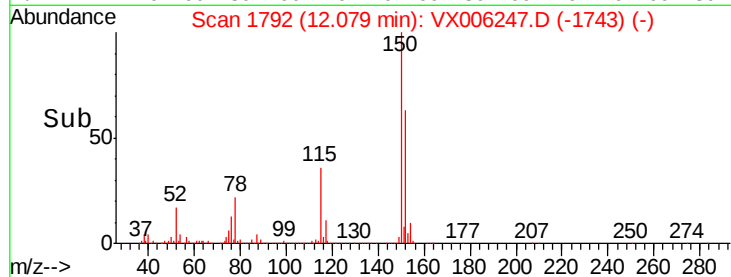
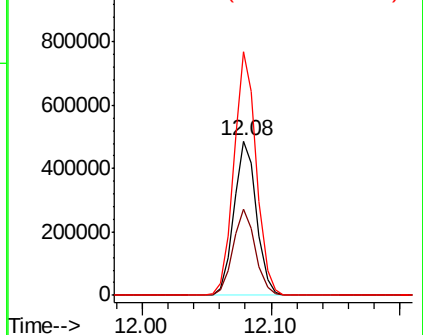
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006247.D
Acq: 03 Dec 2018 12:31

Instrument :
MSVOA_X
ClientSampled :
S49-0483

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.0	116.9
150	156.8	0.0	345.8



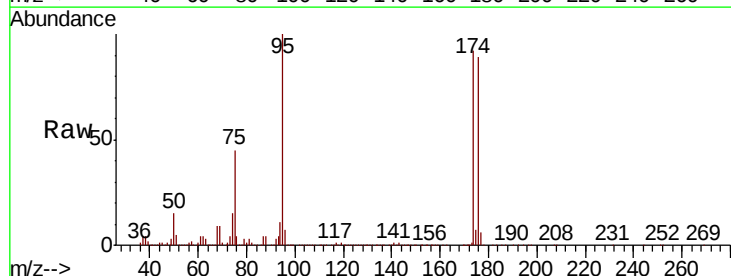
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



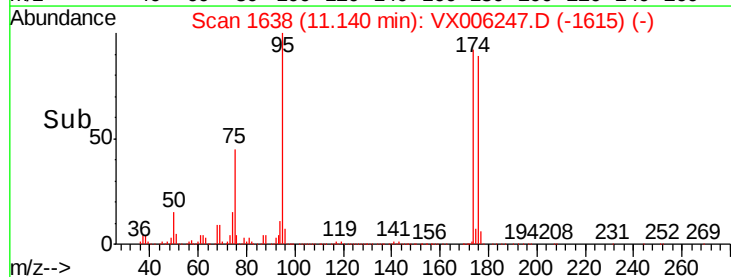
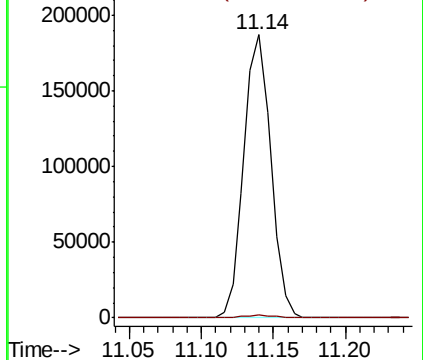
#76

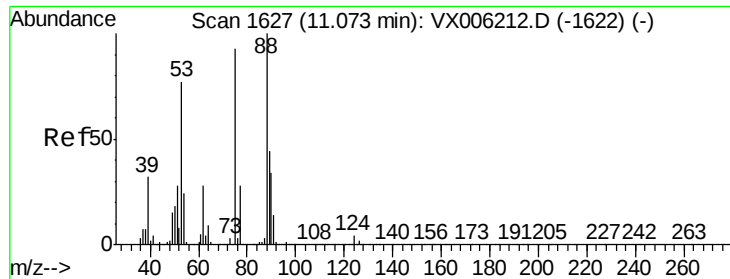
1,2,3-Trichloropropane
Concen: 21.364 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX006247.D
Acq: 03 Dec 2018 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	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: 50.136 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006247.D

Acq: 03 Dec 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

S49-0483

Tot Ion: 75 Resp: 244749

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

