

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006330.D
 Acq On : 06 Dec 2018 20:30
 Operator : JC/MD
 Sample : J6259-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:33:35 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	861431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1270789	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1148300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	569609	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	410473	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
35) Dibromofluoromethane	5.51	113	394136	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	8.71	98	1465874	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	546825	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	

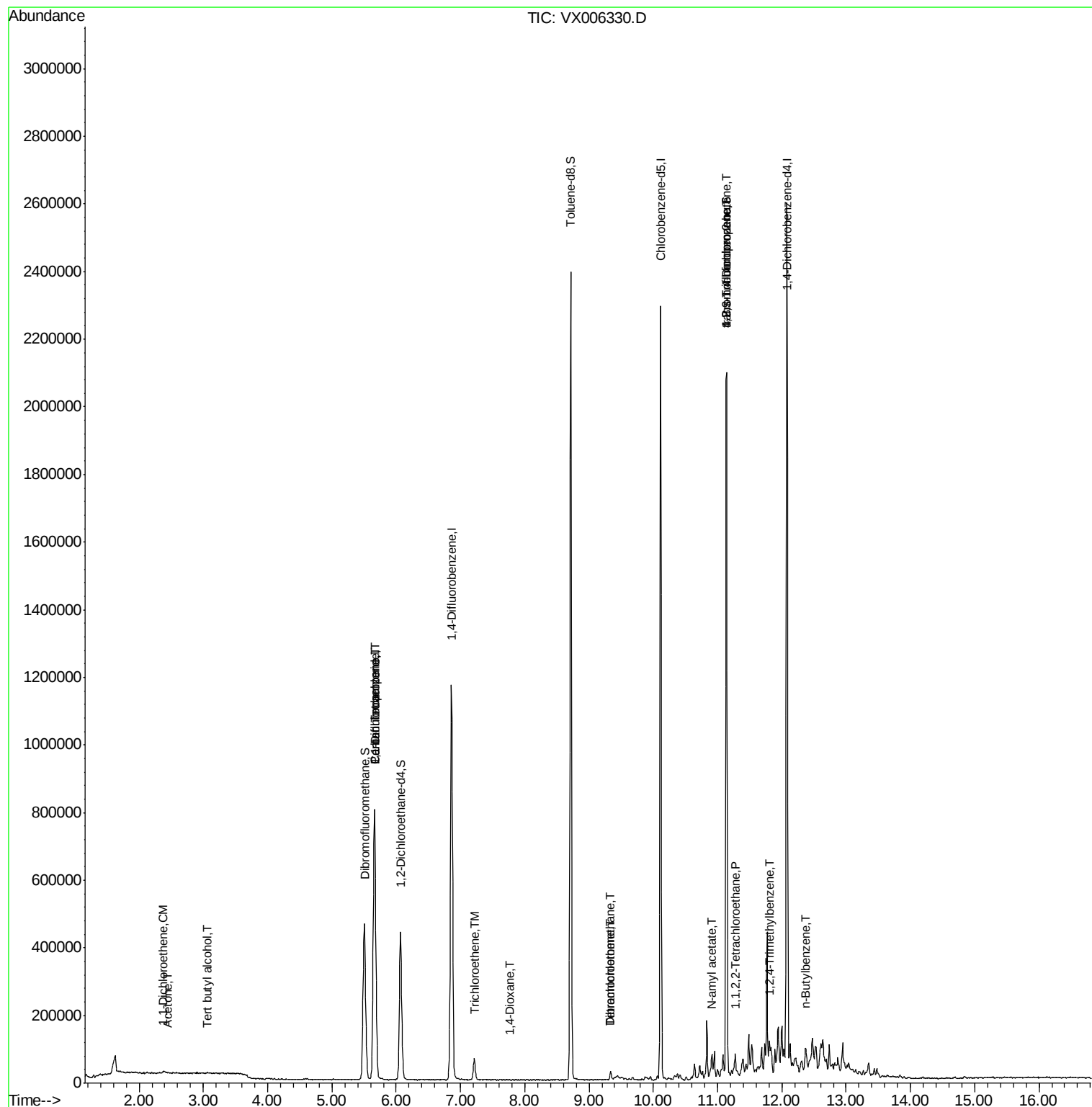
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	3223	1.340	ug/l #	82
12) 1,1-Dichloroethene	2.37	96	1651	0.212	ug/l	95
16) Acetone	2.45	43	1253	0.304	ug/l #	60
36) 1,1-Dichloropropene	5.67	75	51434	4.806	ug/l #	49
38) Carbon Tetrachloride	5.67	117	74960	5.954	ug/l #	16
44) Trichloroethene	7.21	130	26766	2.757	ug/l	88
49) 1,4-Dioxane	7.76	88	504	2.104	ug/l #	67
60) Dibromochloromethane	9.34	129	3484	0.330	ug/l #	11
64) Tetrachloroethene	9.34	164	4051	0.468	ug/l	96
74) N-amyl acetate	10.91	43	10075	0.595	ug/l #	7
75) 1,1,2,2-Tetrachloroethane	11.27	83	4860	0.386	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	243289	22.128	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	243289	51.929	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.80	105	20908	0.619	ug/l	100
89) n-Butylbenzene	12.38	91	6769	0.222	ug/l #	59

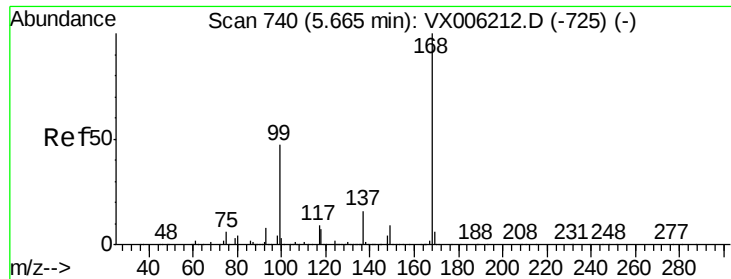
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006330.D

Acq: 06 Dec 2018 20:30

Instrument :

MSVOA_X

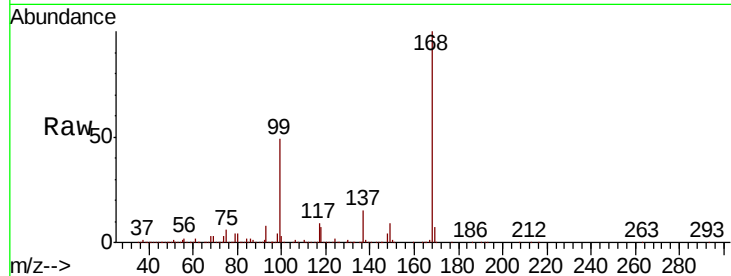
ClientSampleId :

Tot Ion:168 Resp: 861431

Ion Ratio Lower Upper

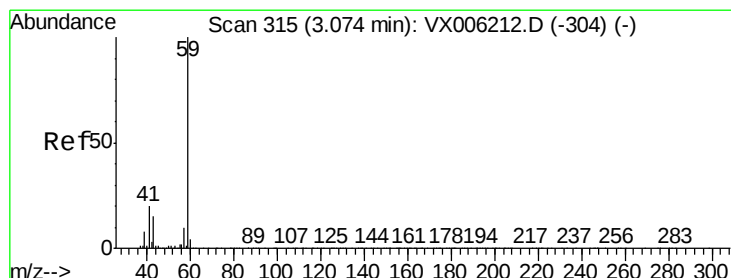
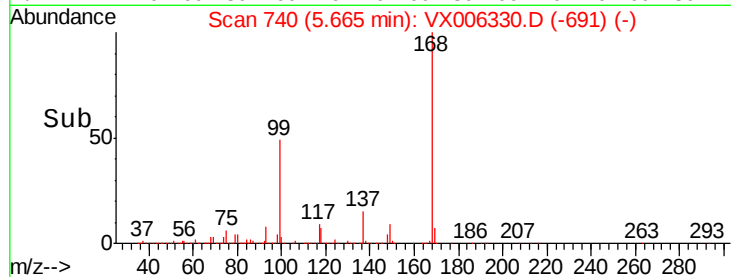
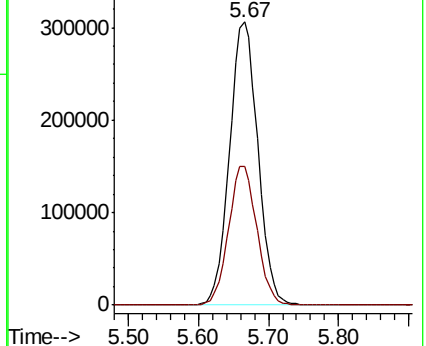
168 100

99 48.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 1.340 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006330.D

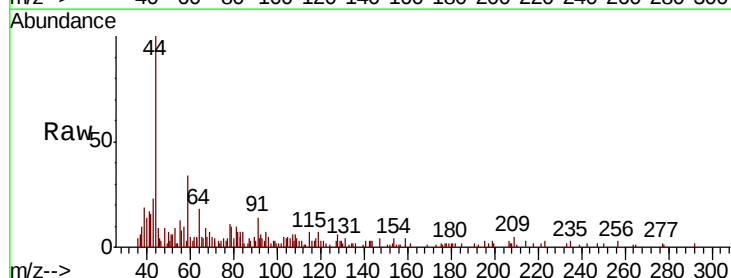
Acq: 06 Dec 2018 20:30

Tgt Ion: 59 Resp: 3223

Ion Ratio Lower Upper

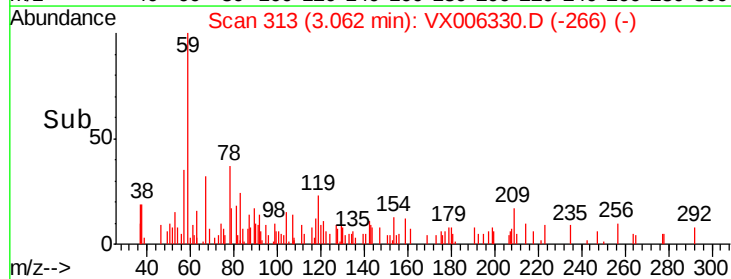
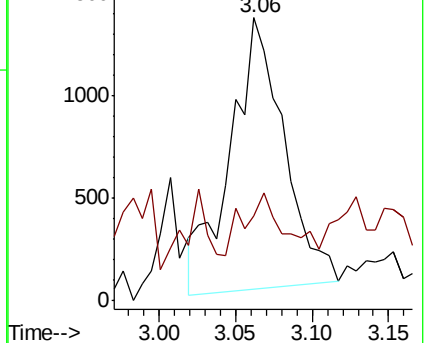
59 100

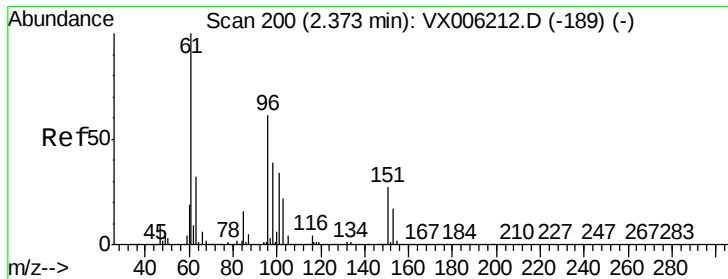
57 16.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.212 ug/l

RT: 2.37 min Scan# 200

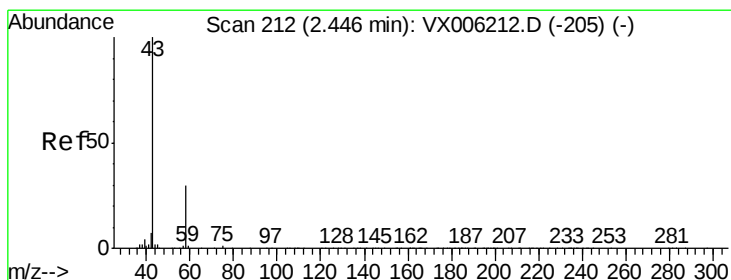
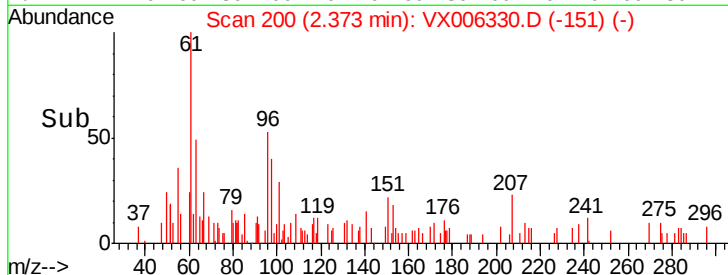
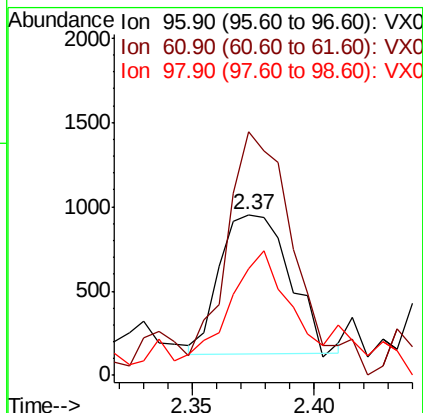
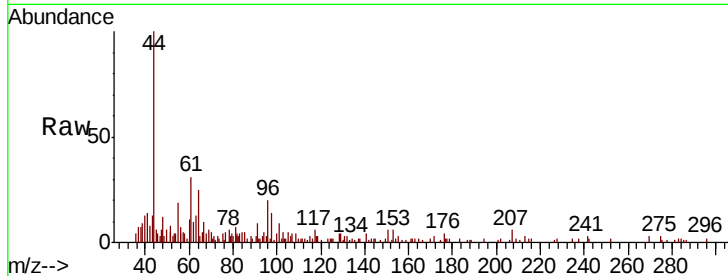
Delta R.T. 0.00 min

Lab File: VX006330.D

Acq: 06 Dec 2018 20:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	1651
Ion	Ratio	Lower	Upper
96	100		
61	172.5	131.7	197.5
98	65.6	51.8	77.6



#16

Acetone

Concen: 0.304 ug/l

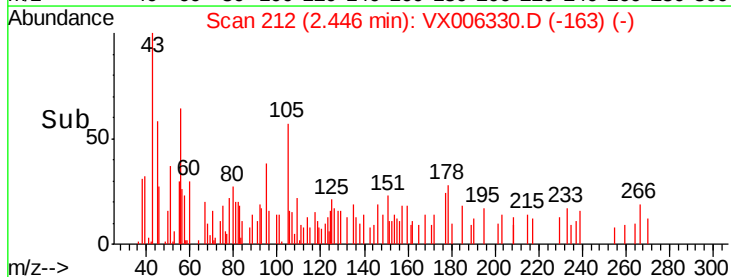
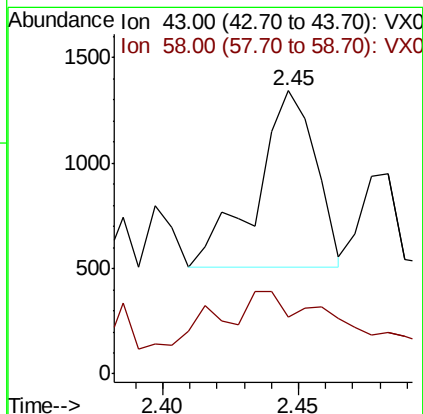
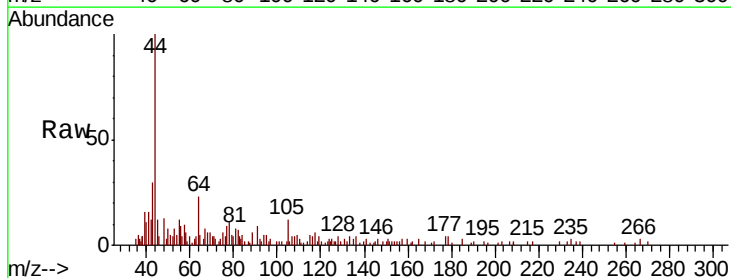
RT: 2.45 min Scan# 212

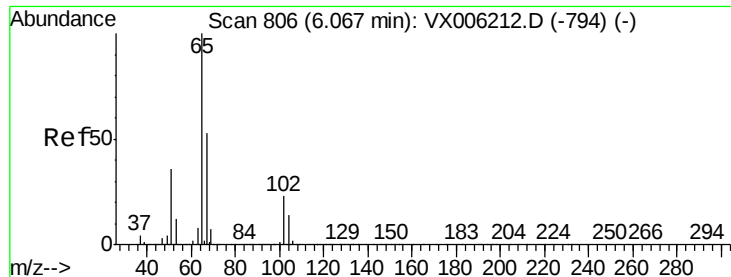
Delta R.T. 0.00 min

Lab File: VX006330.D

Acq: 06 Dec 2018 20:30

Tgt Ion:	43	Resp:	1253
Ion	Ratio	Lower	Upper
43	100		
58	8.2	24.0	36.0#





#33

1,2-Dichloroethane-d4

Concen: 46.677 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006330.D

Acq: 06 Dec 2018 20:30

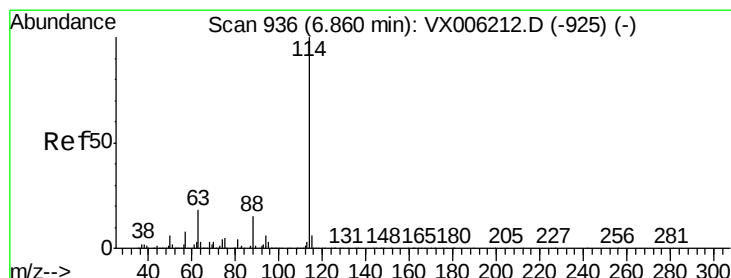
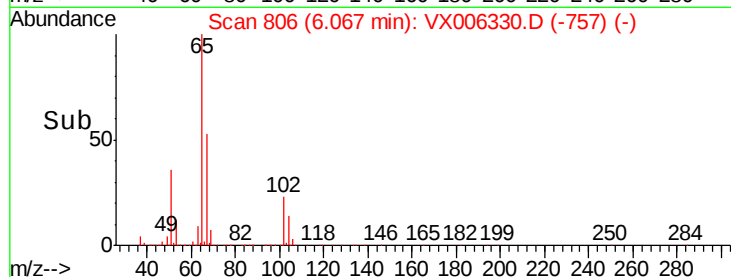
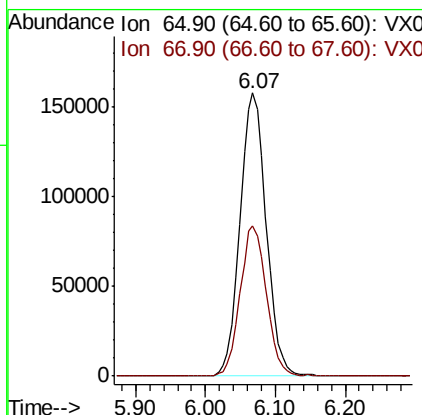
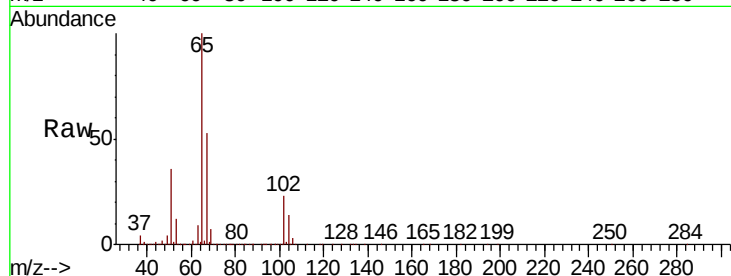
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 410473

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006330.D

Acq: 06 Dec 2018 20:30

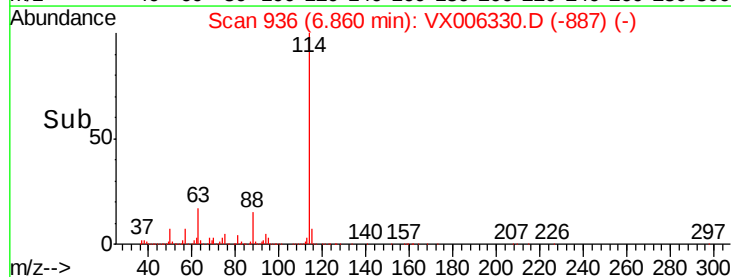
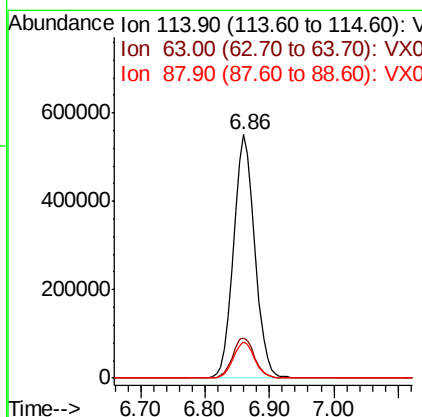
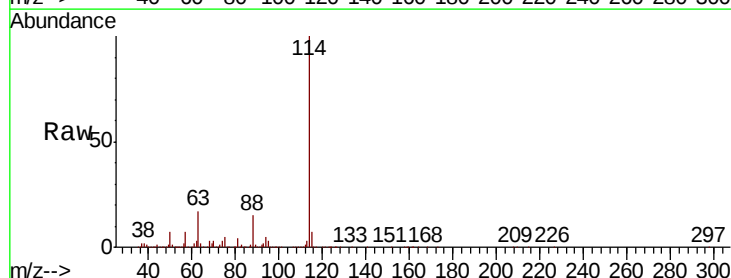
Tgt Ion: 114 Resp: 1270789

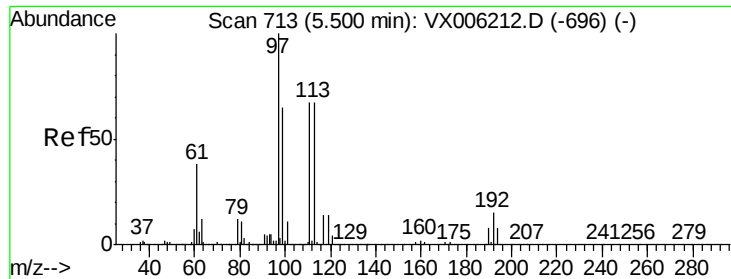
Ion Ratio Lower Upper

114 100

63 16.7 0.0 36.6

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.903 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006330.D

Acq: 06 Dec 2018 20:30

Instrument :
MSVOA_X
ClientSampleId :

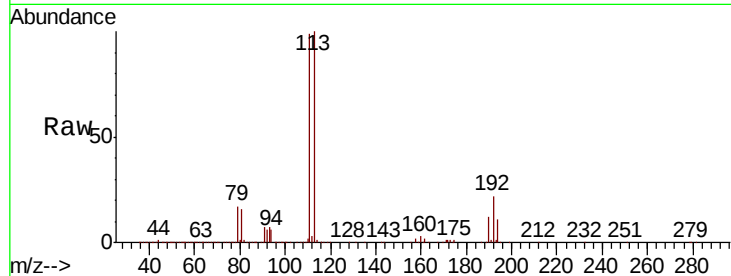
Tot Ion:113 Resp: 394136

Ion Ratio Lower Upper

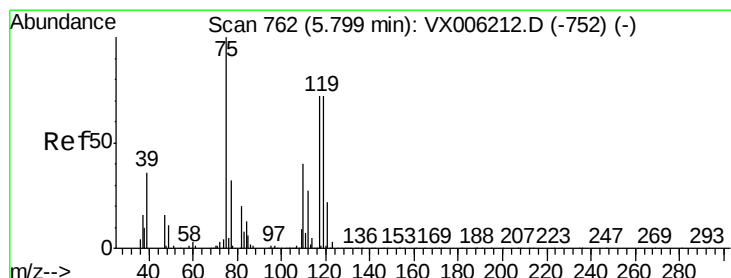
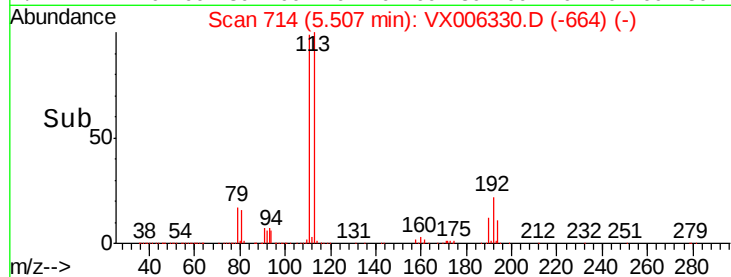
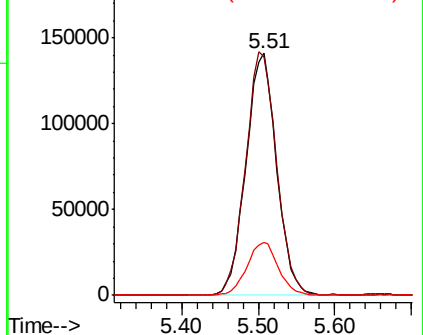
113 100

111 101.7 81.1 121.7

192 22.5 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: 4.806 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006330.D

Acq: 06 Dec 2018 20:30

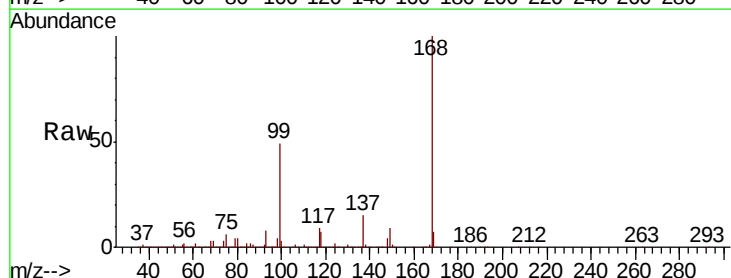
Tgt Ion: 75 Resp: 51434

Ion Ratio Lower Upper

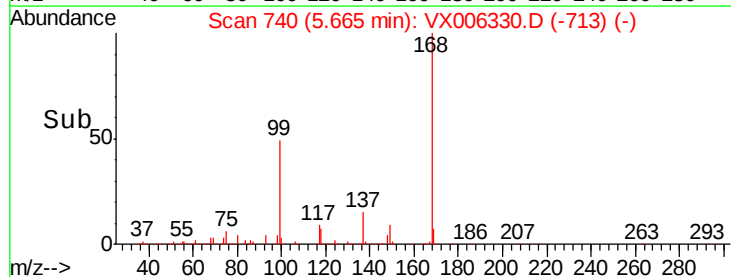
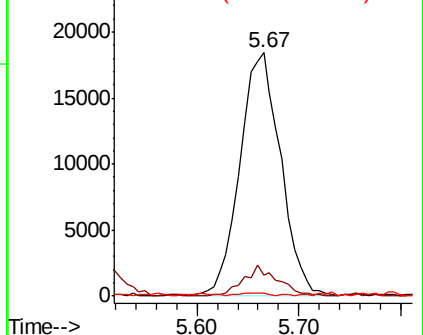
75 100

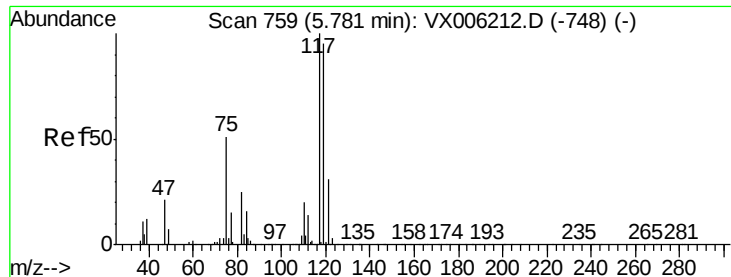
110 10.8 20.4 61.3#

77 0.9 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

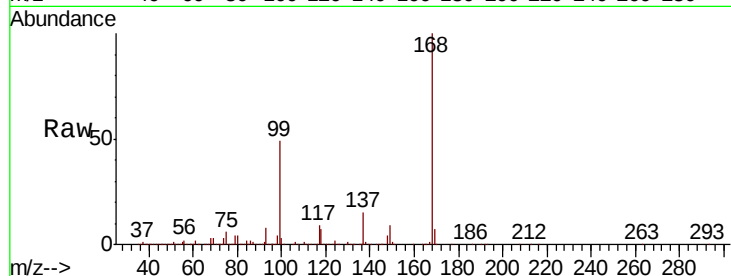




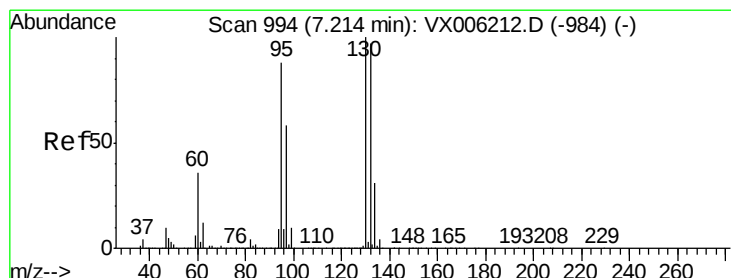
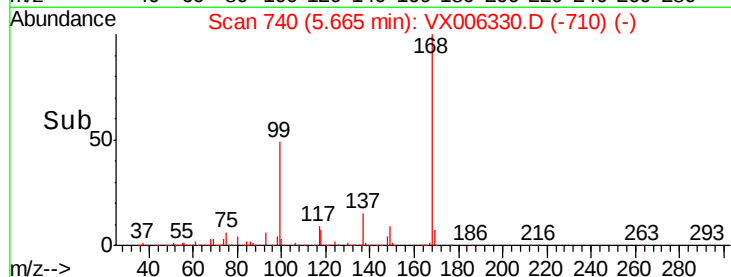
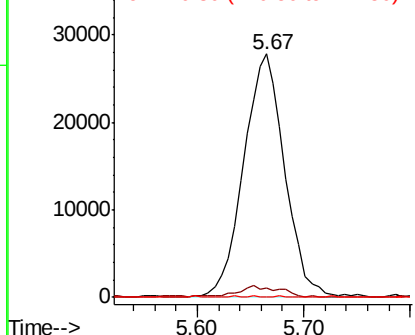
#38
Carbon Tetrachloride
Concen: 5.954 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006330.D
Acq: 06 Dec 2018 20:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 74960
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 24.6 37.0#

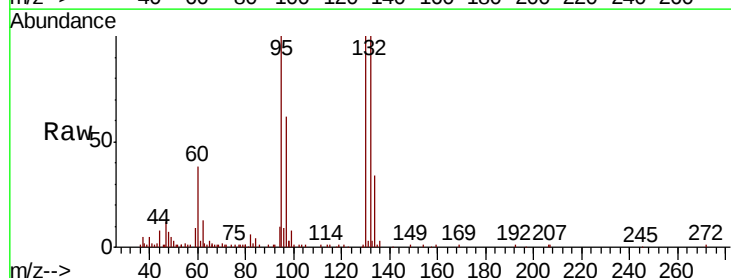


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

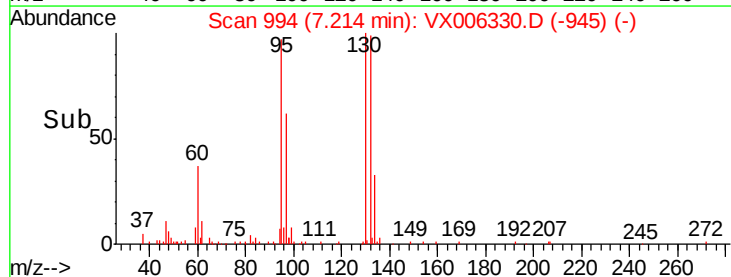
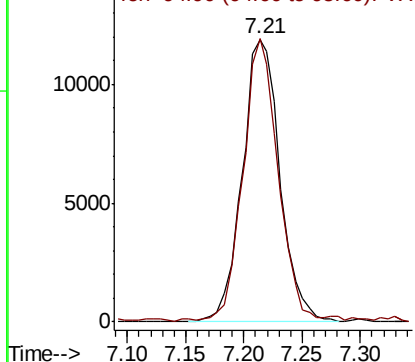


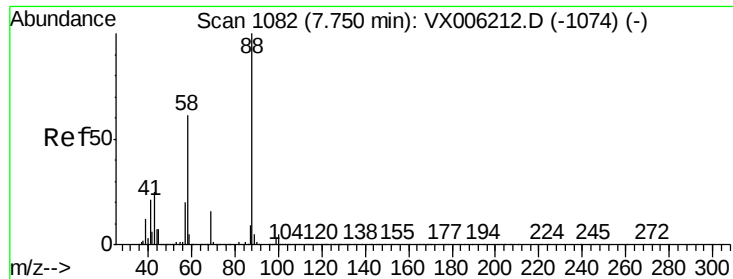
#44
Trichloroethene
Concen: 2.757 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006330.D
Acq: 06 Dec 2018 20:30

Tgt Ion:130 Resp: 26766
Ion Ratio Lower Upper
130 100
95 98.9 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

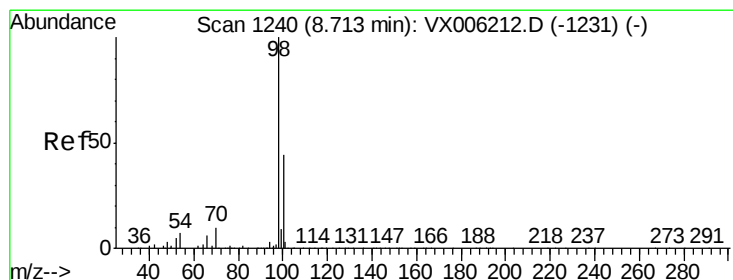
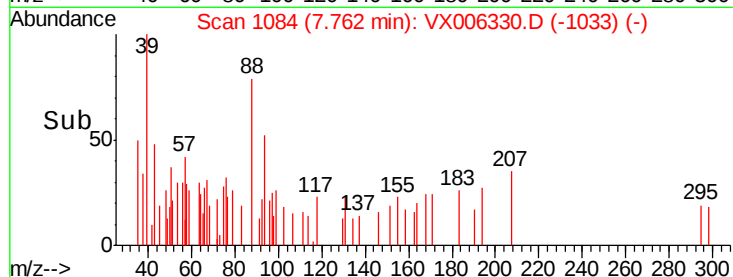
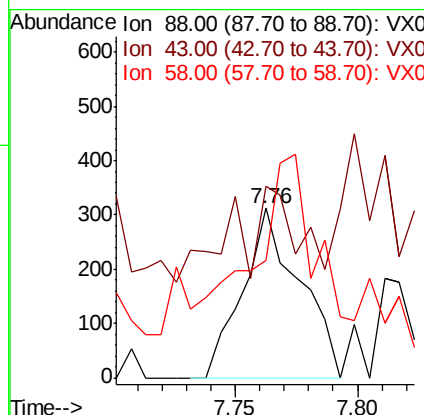
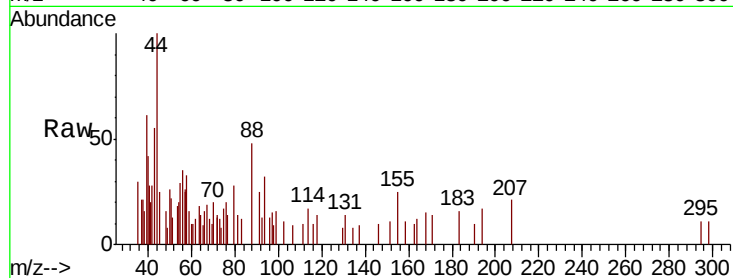




#49
 1,4-Dioxane
 Concen: 2.104 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: VX006330.D
 Acq: 06 Dec 2018 20:30

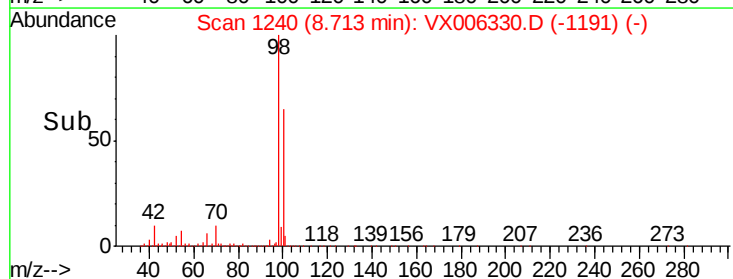
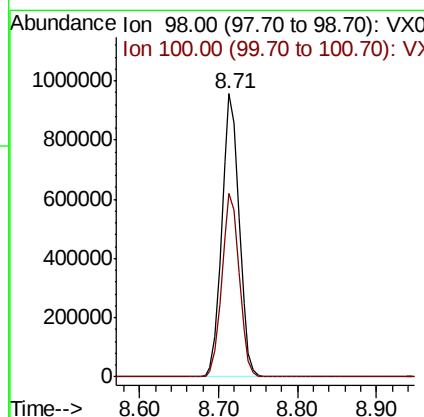
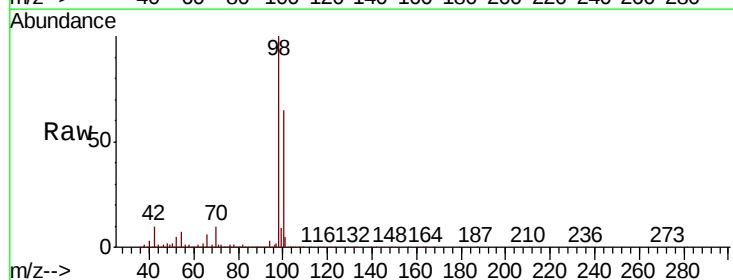
Instrument :
 MSVOA_X
 ClientSampled :

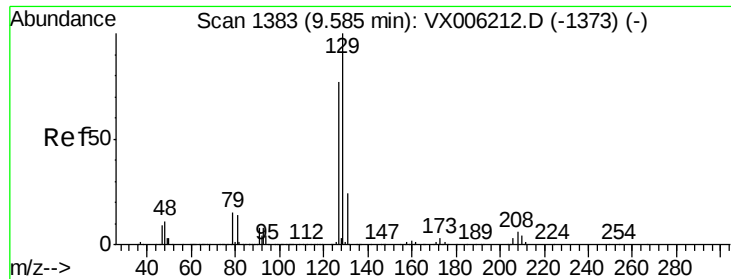
Tot Ion: 88 Resp: 504
 Ion Ratio Lower Upper
 88 100
 43 35.1 23.2 34.8#
 58 97.8 51.4 77.0#



#50
 Toluene-d8
 Concen: 48.980 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006330.D
 Acq: 06 Dec 2018 20:30

Tgt Ion: 98 Resp: 1465874
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.2 78.2

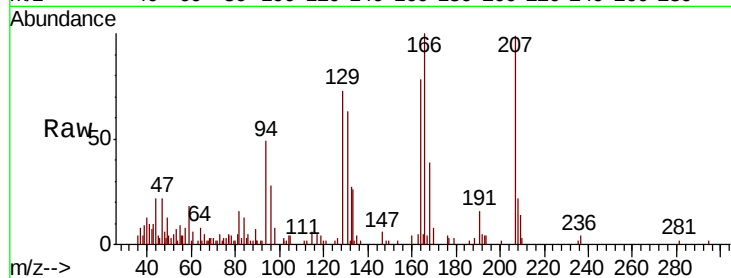




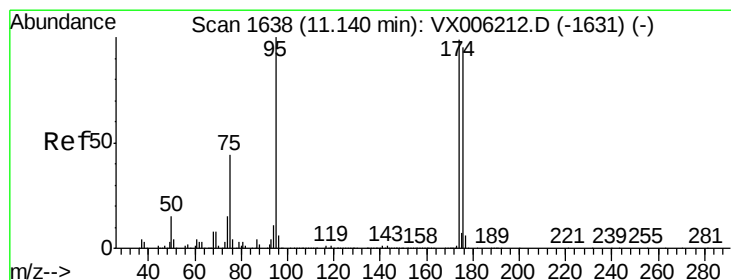
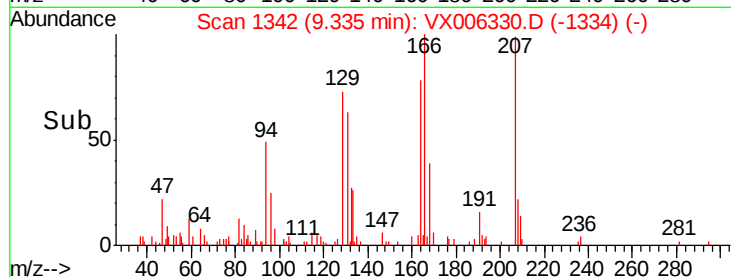
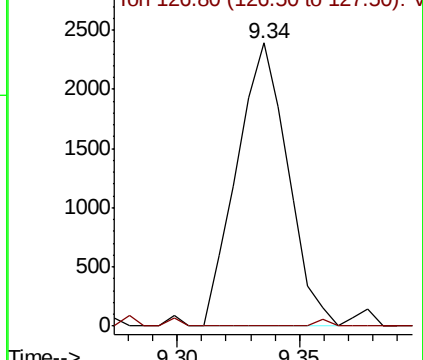
#60
 Dibromochloromethane
 Concen: 0.330 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.25 min
 Lab File: VX006330.D
 Acq: 06 Dec 2018 20:30

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:129 Resp: 3484
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 115.8#

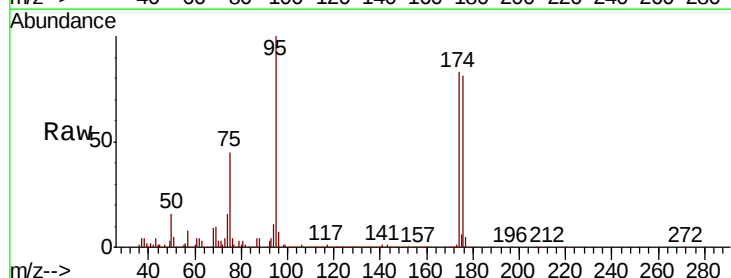


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

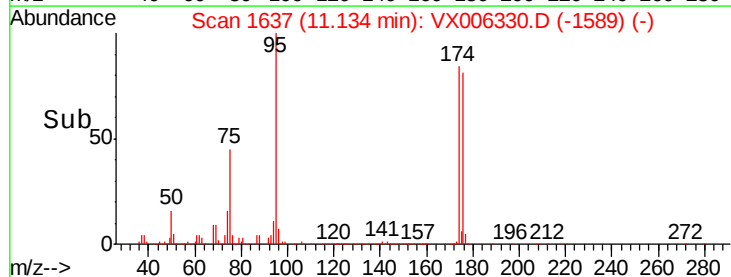
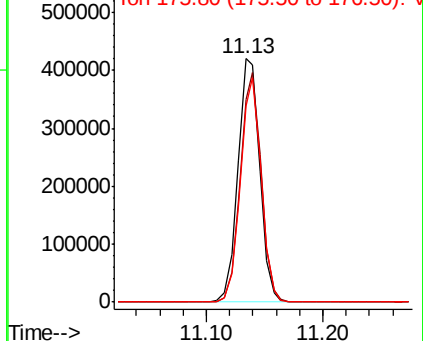


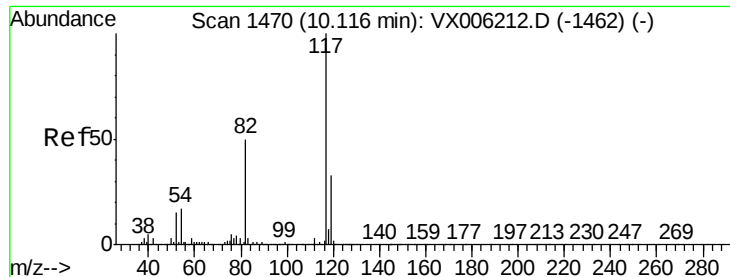
#62
 4-Bromofluorobenzene
 Concen: 48.487 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006330.D
 Acq: 06 Dec 2018 20:30

Tgt Ion: 95 Resp: 546825
 Ion Ratio Lower Upper
 95 100
 174 90.9 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

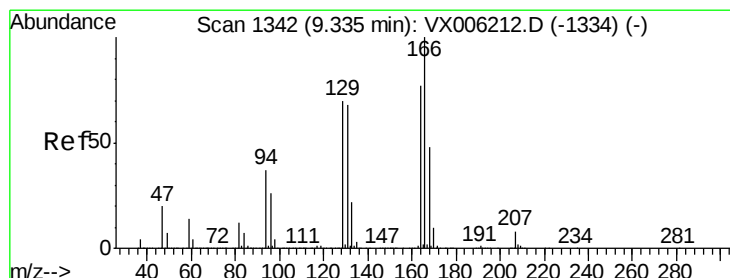
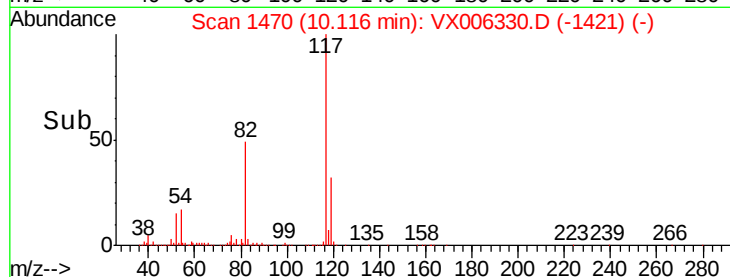
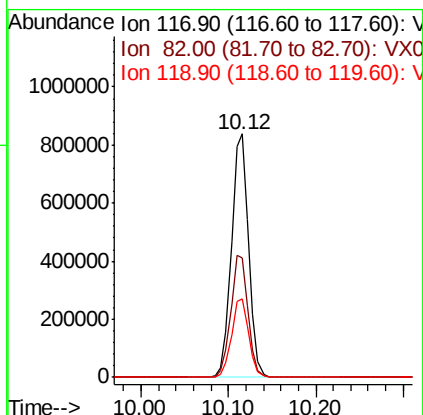
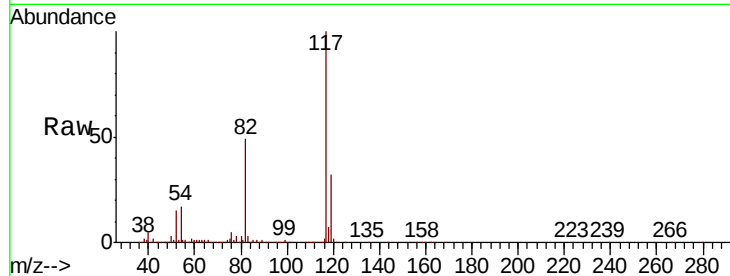




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006330.D
Acq: 06 Dec 2018 20:30

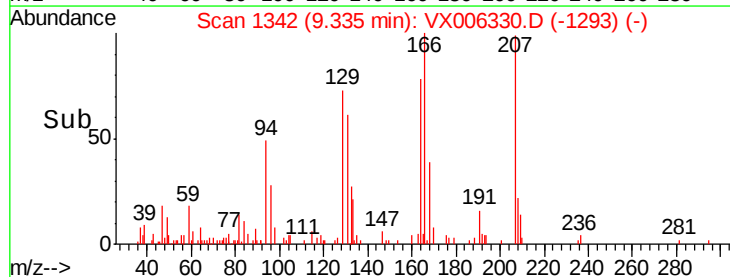
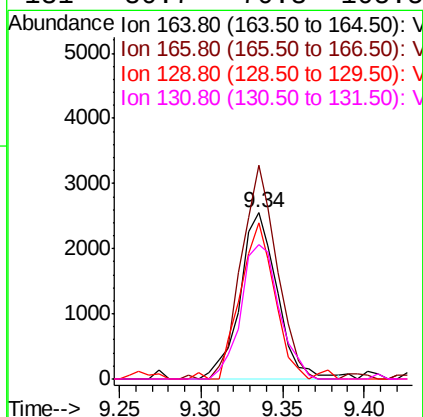
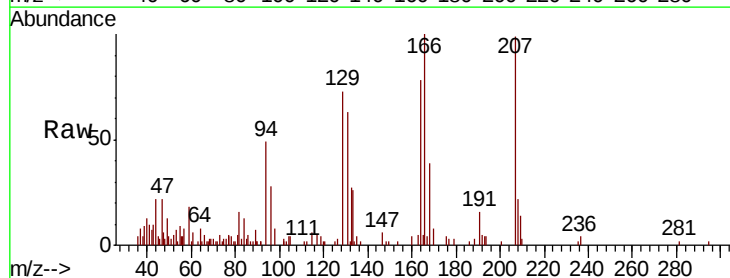
Instrument :
MSVOA_X
ClientSampleId :

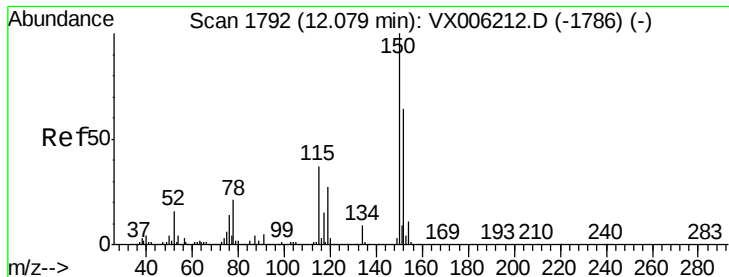
Tot Ion:117 Resp: 1148300
Ion Ratio Lower Upper
117 100
82 48.9 39.6 59.4
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 0.468 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006330.D
Acq: 06 Dec 2018 20:30

Tgt Ion:164 Resp: 4051
Ion Ratio Lower Upper
164 100
166 128.4 104.2 156.2
129 93.7 72.6 108.8
131 80.7 70.3 105.5



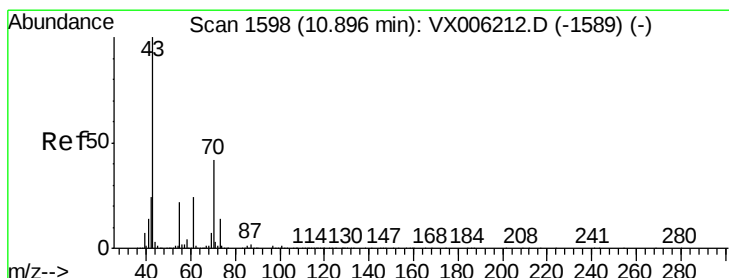
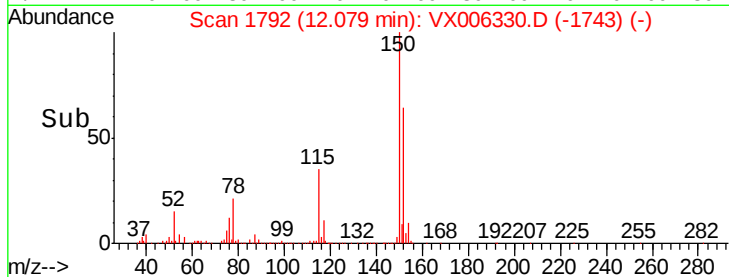
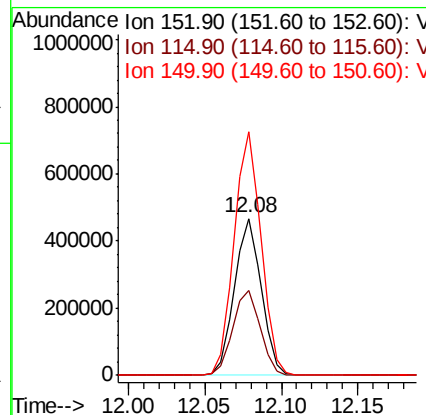
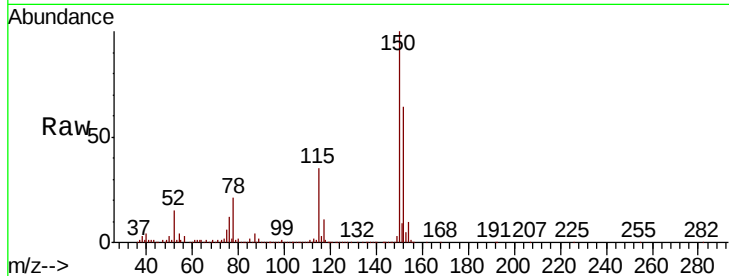


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006330.D
Acq: 06 Dec 2018 20:30

Instrument :
MSVOA_X
ClientSampled :

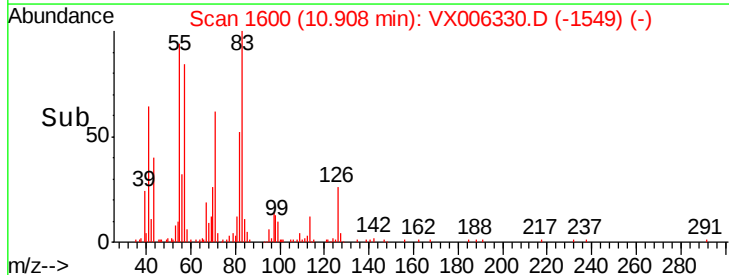
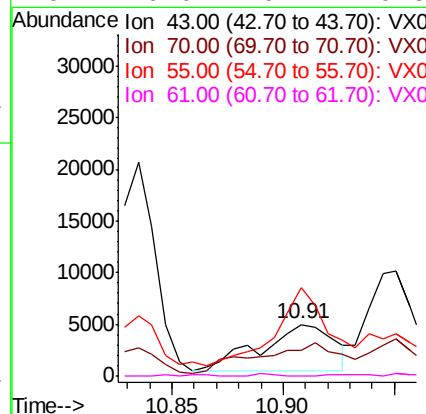
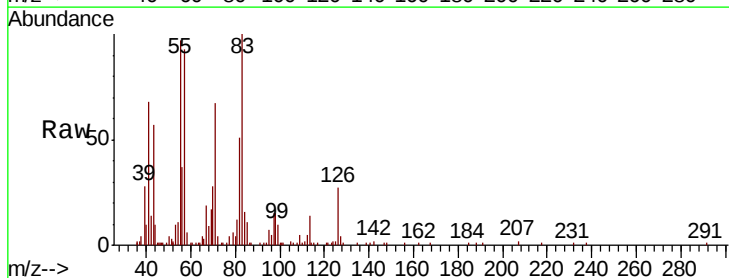
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.0	116.9
150	155.8	0.0	345.8

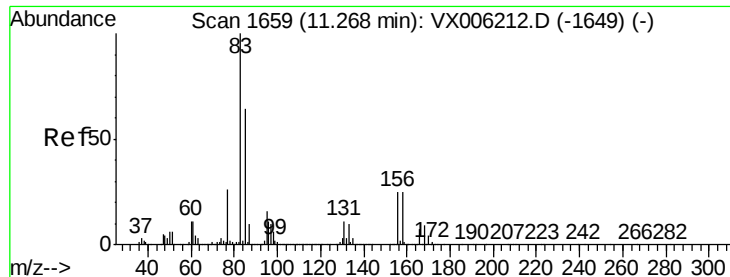


#74

N-ethyl acetate
Concen: 0.595 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX006330.D
Acq: 06 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
43	100		
70	73.9	34.1	51.1#
55	129.9	17.8	26.8#
61	0.0	19.7	29.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.386 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006330.D

Acq: 06 Dec 2018 20:30

Instrument :

MSVOA_X

ClientSampled :

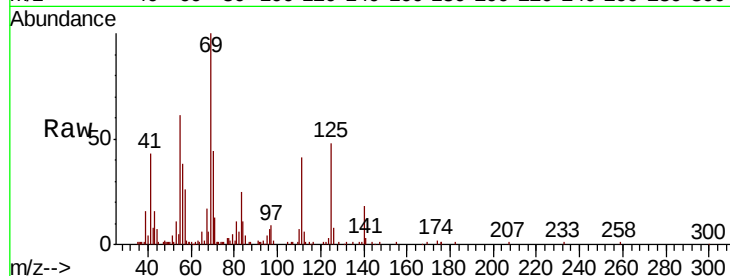
Tot Ion: 83 Resp: 4860

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

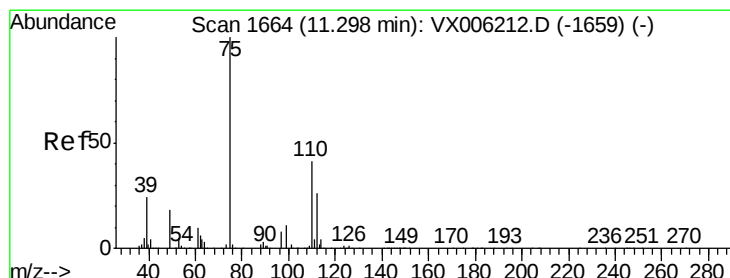
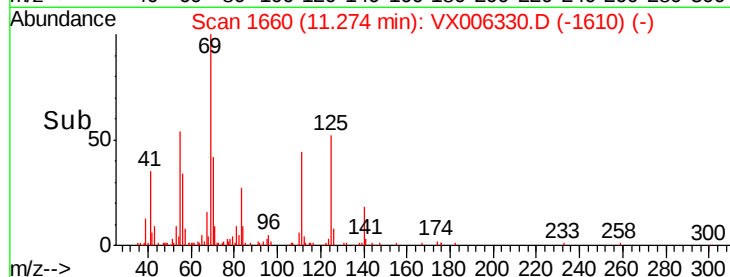
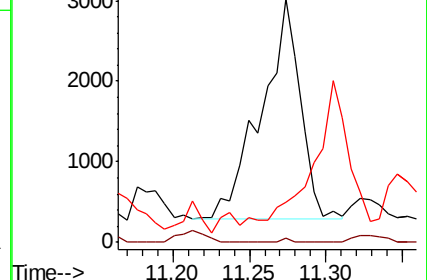
85 0.0 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.128 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006330.D

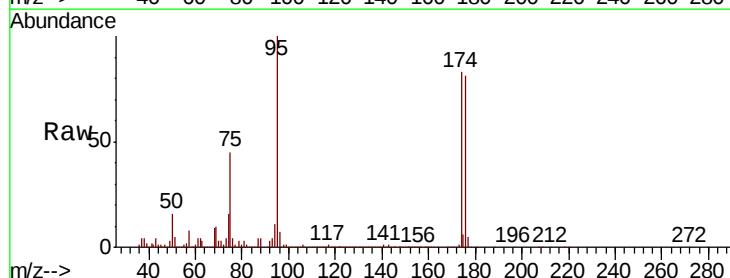
Acq: 06 Dec 2018 20:30

Tgt Ion: 75 Resp: 243289

Ion Ratio Lower Upper

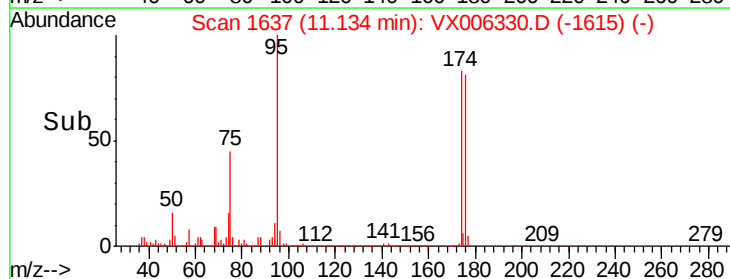
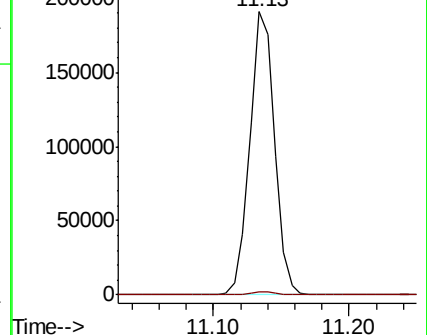
75 100

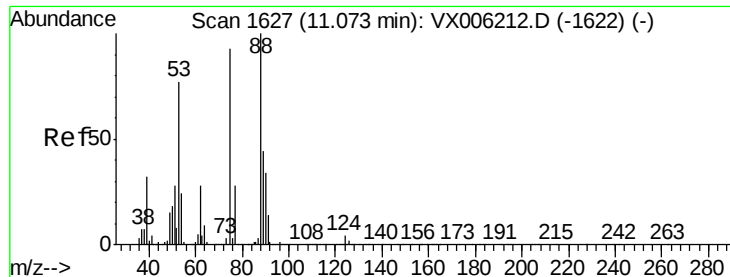
77 1.2 19.9 59.7#



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: 51.929 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006330.D

Acq: 06 Dec 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

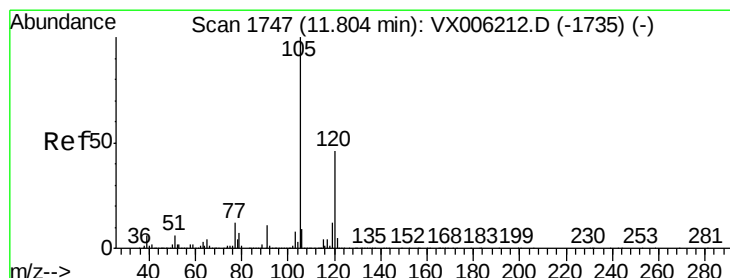
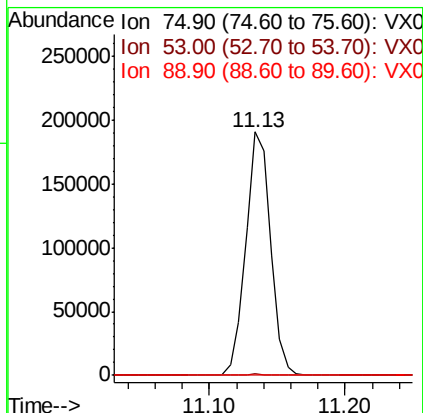
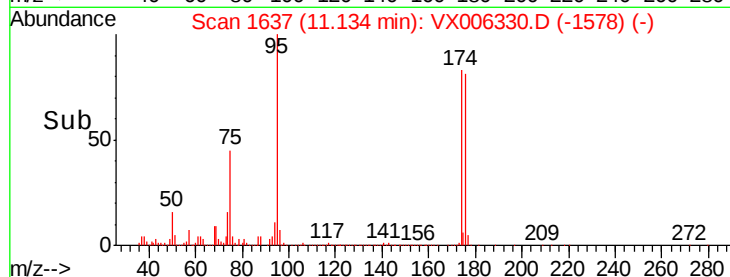
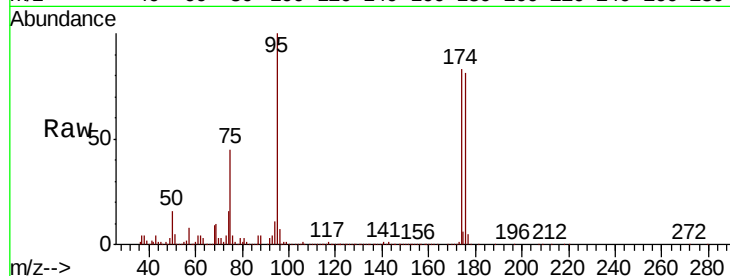
Tot Ion: 75 Resp: 243289

Ion Ratio Lower Upper

75 100

53 0.4 64.4 96.6#

89 0.0 44.2 66.4#



#84

1,2,4-Trimethylbenzene

Concen: 0.619 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006330.D

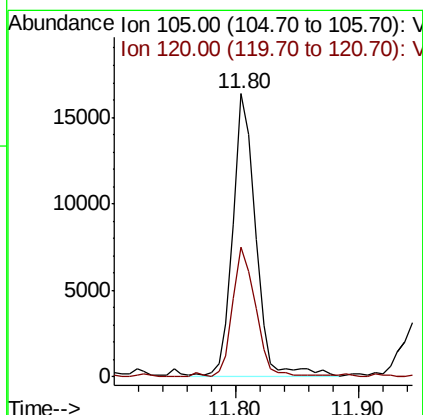
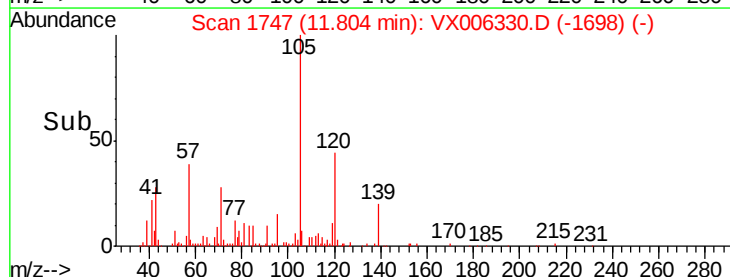
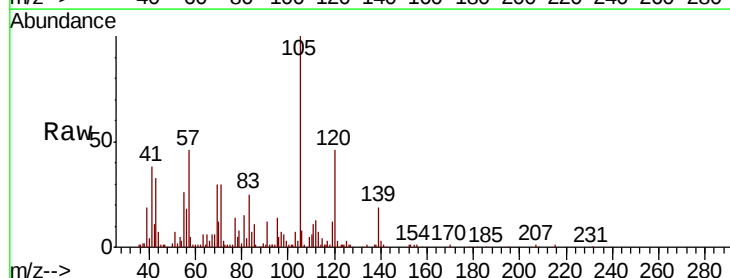
Acq: 06 Dec 2018 20:30

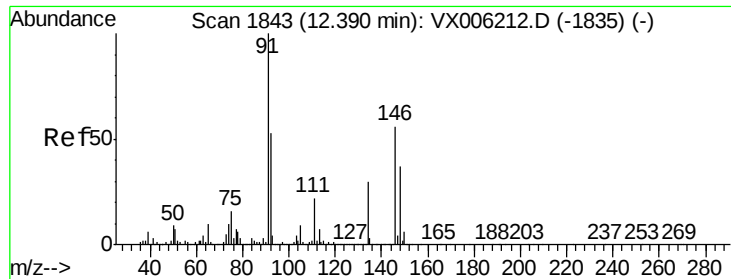
Tgt Ion: 105 Resp: 20908

Ion Ratio Lower Upper

105 100

120 46.8 23.4 70.0





#89
 n-Butylbenzene
 Concen: 0.222 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX006330.D
 Acq: 06 Dec 2018 20:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 6769
 Ion Ratio Lower Upper
 91 100
 92 45.3 26.6 79.8
 134 79.8 14.8 44.3#

