

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006260.D
 Acq On : 03 Dec 2018 18:17
 Operator : JC/MD
 Sample : J6206-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HLSP-TB1-113018

Quant Time: Dec 04 04:58:35 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	884579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1343169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1211407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	580037	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	437443	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
35) Dibromofluoromethane	5.50	113	424874	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	8.71	98	1555232	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.14	95	572574	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	

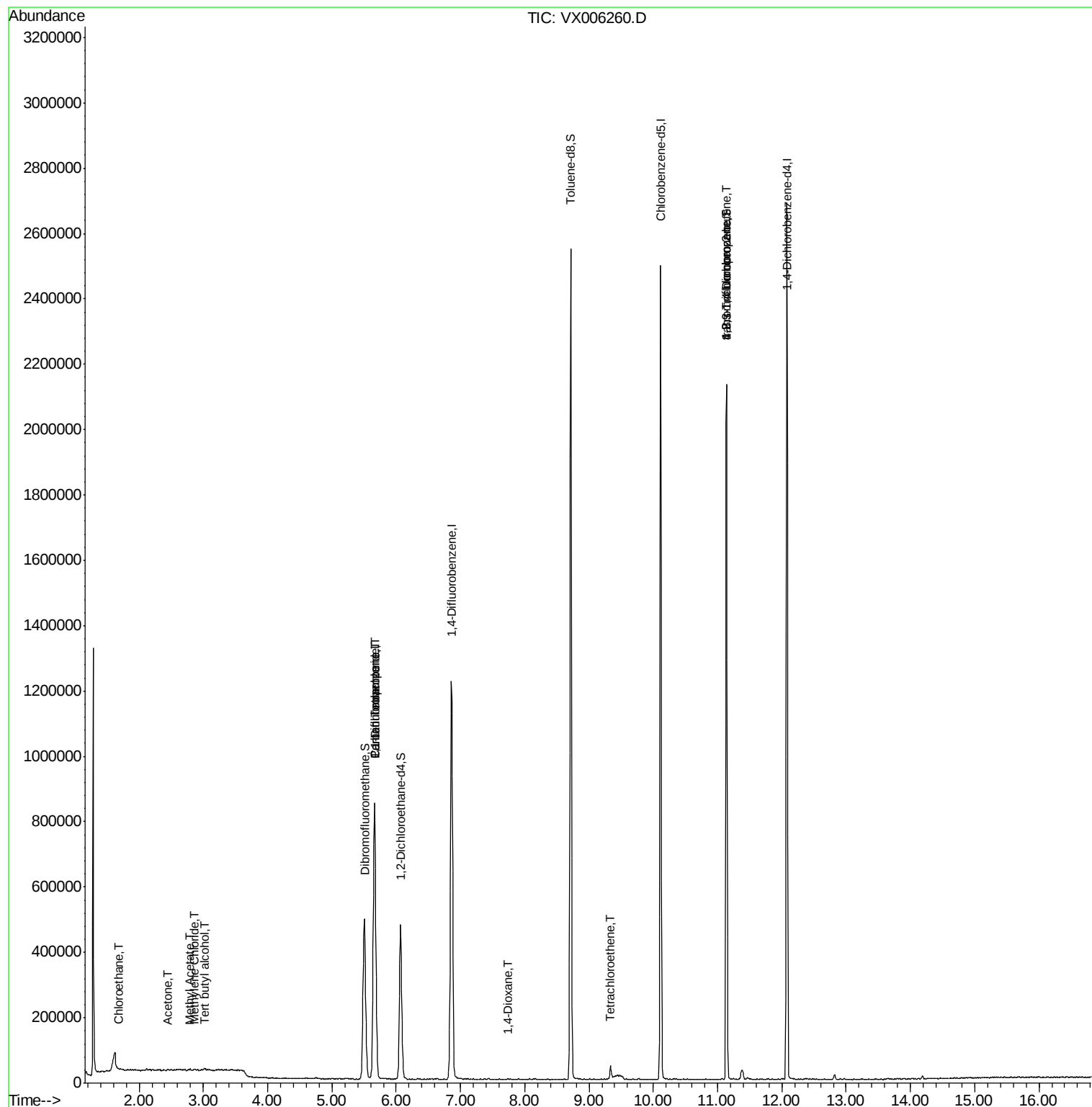
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.67	64	1266	0.216	ug/l #	42
11) Tert butyl alcohol	3.01	59	5365	2.172	ug/l #	87
16) Acetone	2.44	43	2297	0.542	ug/l #	74
18) Methyl Acetate	2.78	43	3140	0.222	ug/l #	69
20) Methylene Chloride	2.86	84	1995	0.221	ug/l #	74
36) 1,1-Dichloropropene	5.67	75	54486	4.817	ug/l #	48
38) Carbon Tetrachloride	5.66	117	79271	5.957	ug/l #	16
49) 1,4-Dioxane	7.74	88	370	1.461	ug/l #	31
64) Tetrachloroethene	9.34	164	3147	0.345	ug/l	89
76) 1,2,3-Trichloropropane	11.13	75	259253	23.157	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	259253	54.342	ug/l #	15

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

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Quant Time: Dec 04 04:58:35 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: VX006260.D

Acq: 03 Dec 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

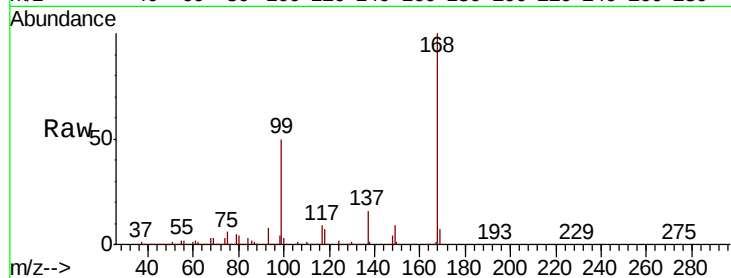
HLSP-TB1-113018

Tot Ion:168 Resp: 884579

Ion Ratio Lower Upper

168 100

99 50.0 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

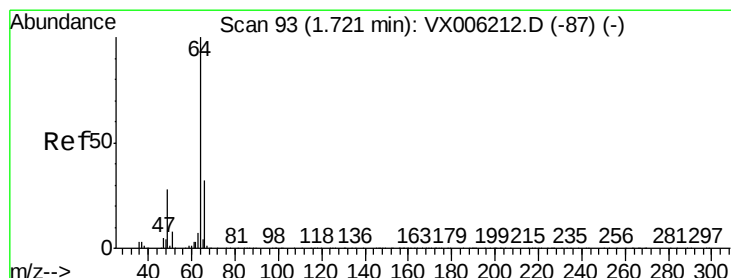
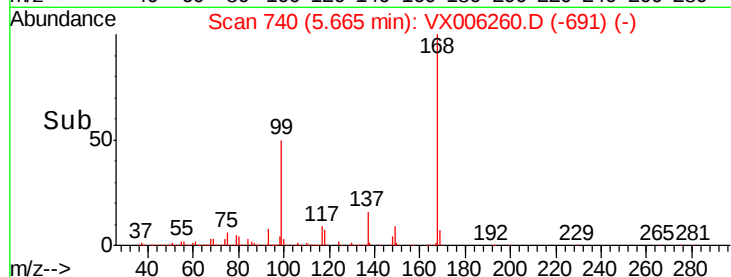
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.216 ug/l

RT: 1.67 min Scan# 85

Delta R.T. -0.05 min

Lab File: VX006260.D

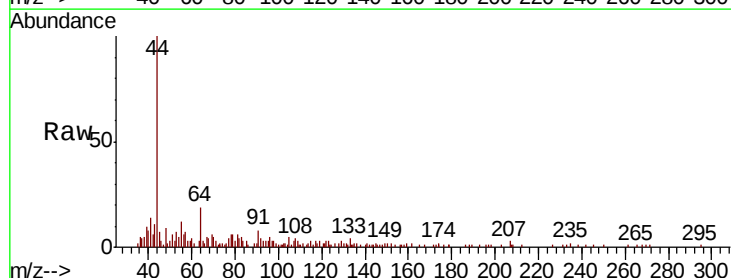
Acq: 03 Dec 2018 18:17

Tgt Ion: 64 Resp: 1266

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

2000

1500

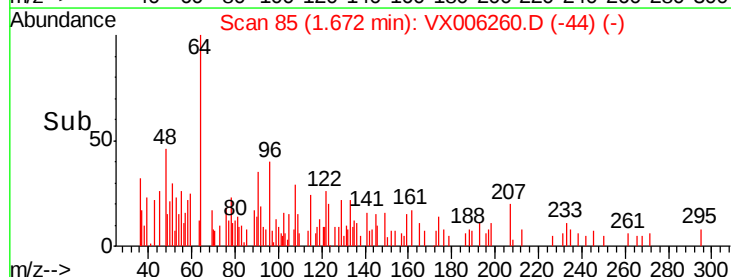
1000

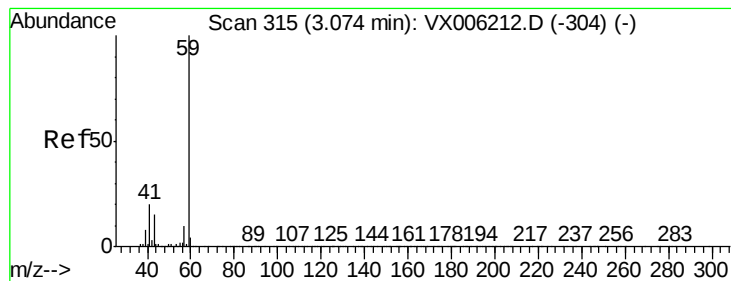
500

0

Time-->

1.64 1.66 1.68 1.70



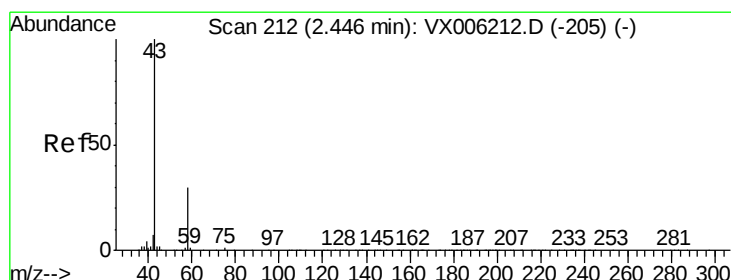
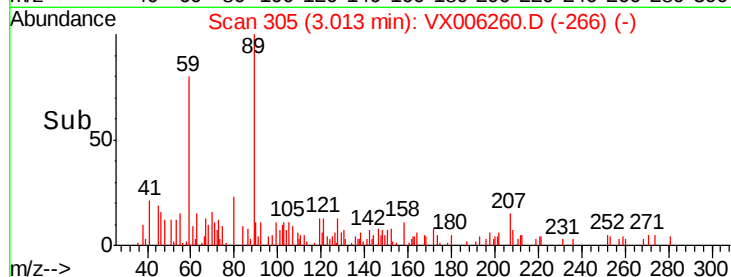
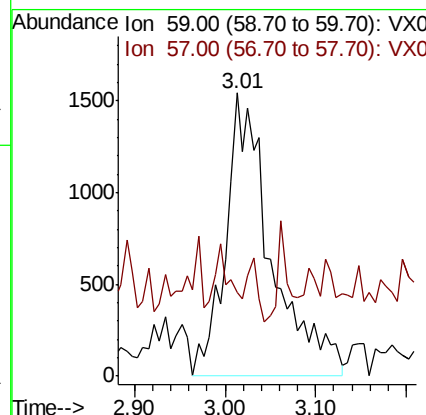
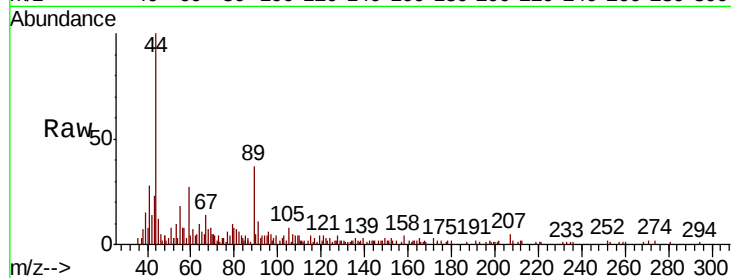


#11

Tert butyl alcohol
Concen: 2.172 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.06 min
Lab File: VX006260.D
Acq: 03 Dec 2018 18:17

Instrument :
MSVOA_X
ClientSampleId :
HLSP-TB1-113018

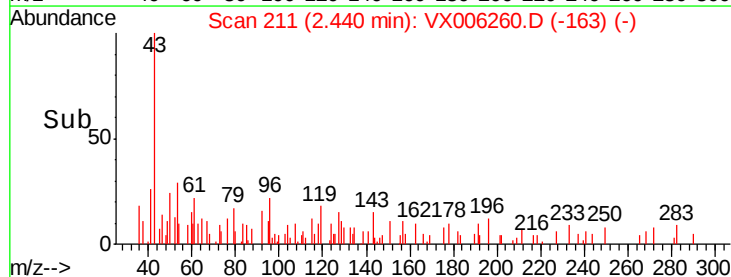
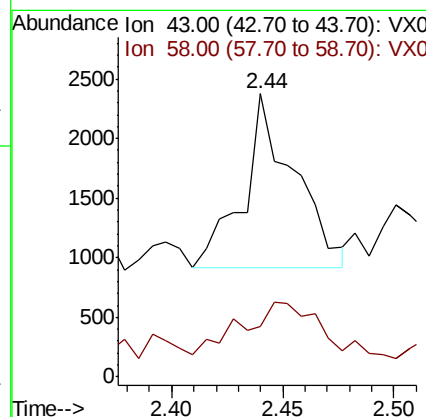
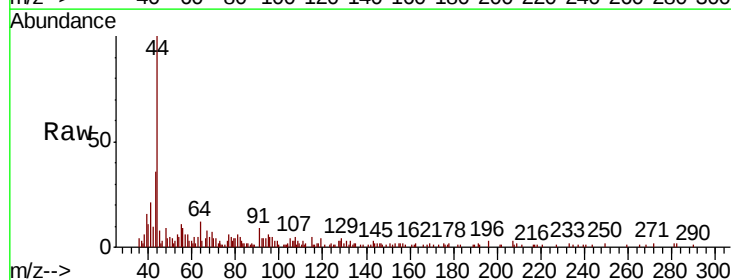
Tot Ion: 59 Resp: 5365
Ion Ratio Lower Upper
59 100
57 5.3 8.2 12.2#

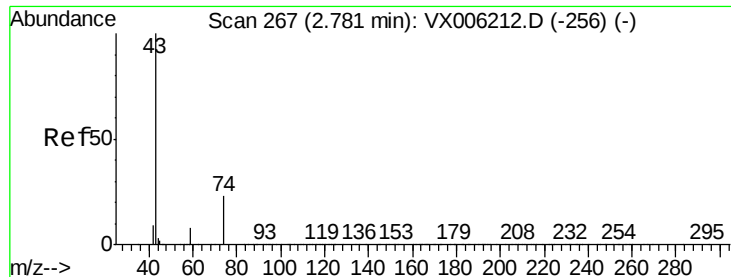


#16

Acetone
Concen: 0.542 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX006260.D
Acq: 03 Dec 2018 18:17

Tgt Ion: 43 Resp: 2297
Ion Ratio Lower Upper
43 100
58 16.1 24.0 36.0#

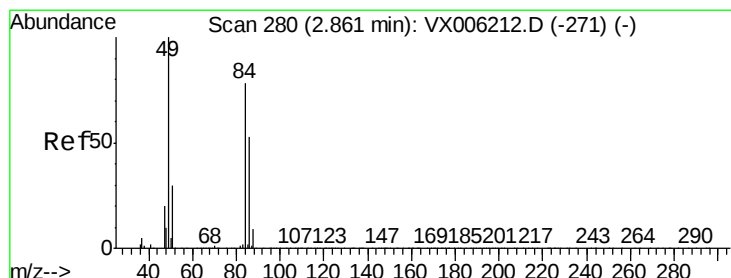
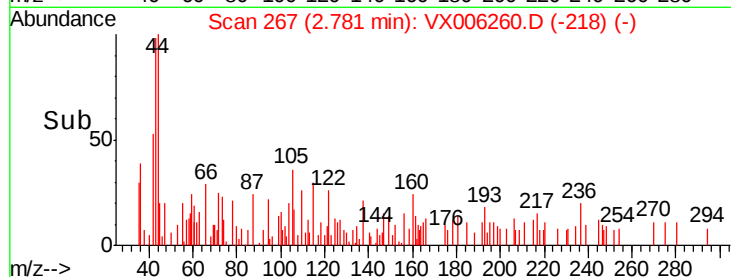
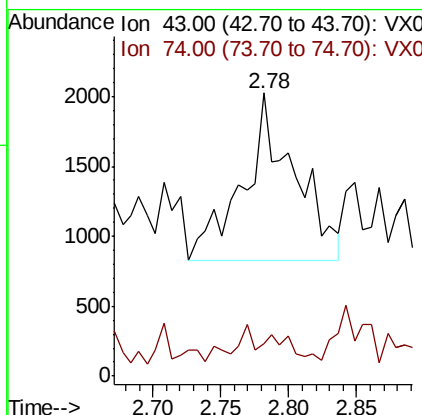
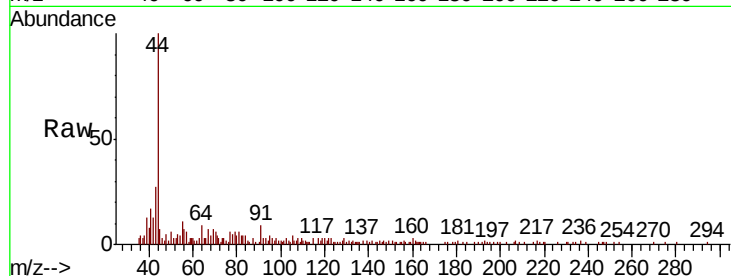




#18
Methyl Acetate
Concen: 0.222 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006260.D
Acq: 03 Dec 2018 18:17

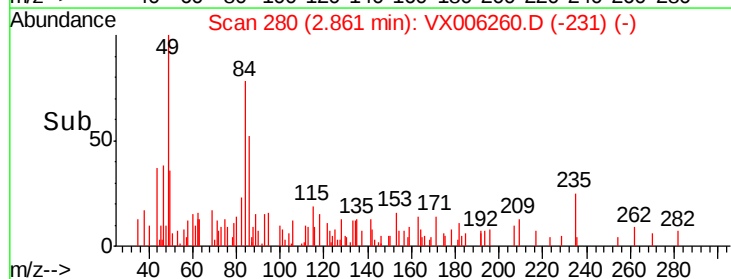
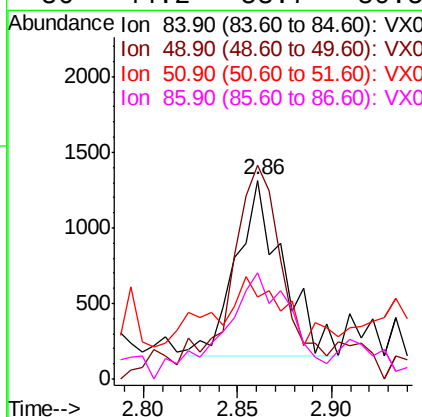
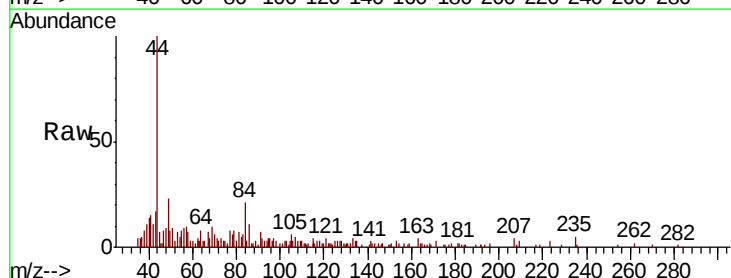
Instrument :
MSVOA_X
ClientSampleId :
HLSP-TB1-113018

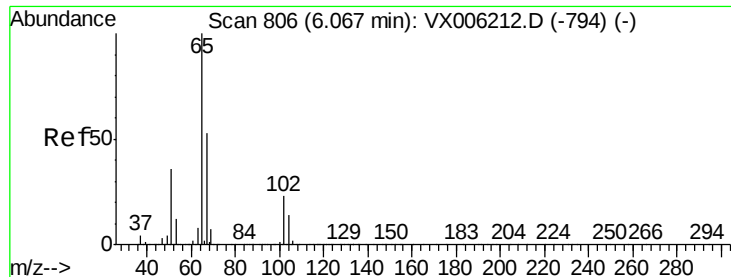
Tot Ion: 43 Resp: 3140
Ion Ratio Lower Upper
43 100
74 7.4 17.9 26.9#



#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006260.D
Acq: 03 Dec 2018 18:17

Tgt Ion: 84 Resp: 1995
Ion Ratio Lower Upper
84 100
49 100.4 102.2 153.4#
51 21.9 31.1 46.7#
86 44.2 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 48.443 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006260.D

Acq: 03 Dec 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

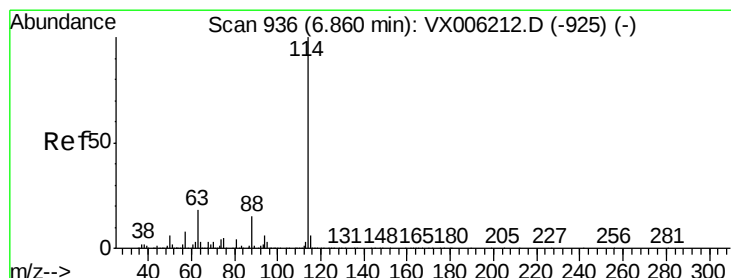
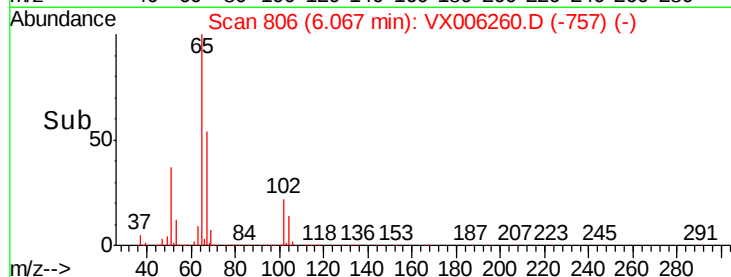
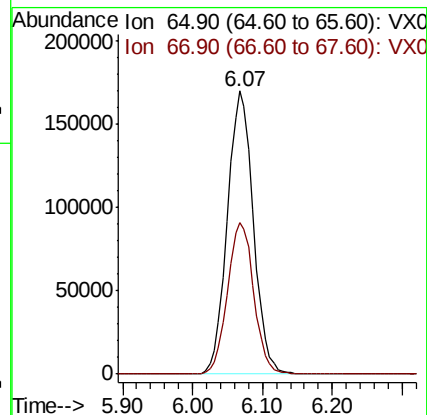
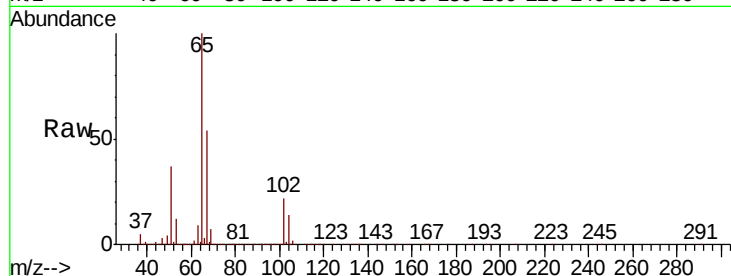
HLSP-TB1-113018

Tot Ion: 65 Resp: 437443

Ion Ratio Lower Upper

65 100

67 53.9 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: VX006260.D

Acq: 03 Dec 2018 18:17

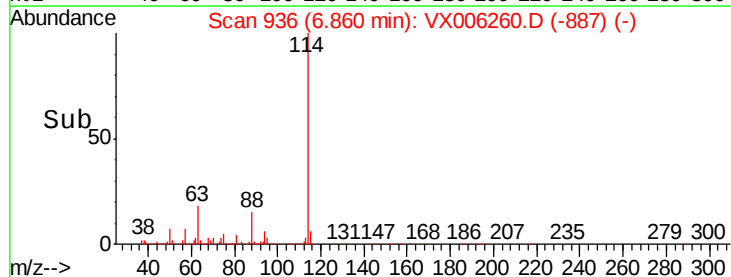
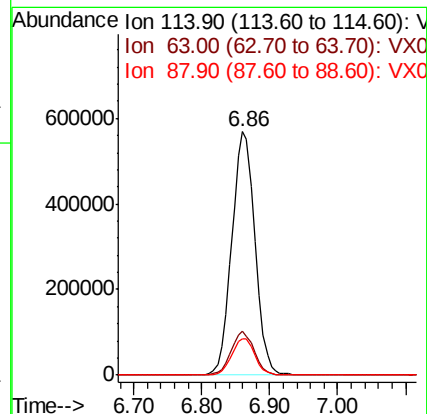
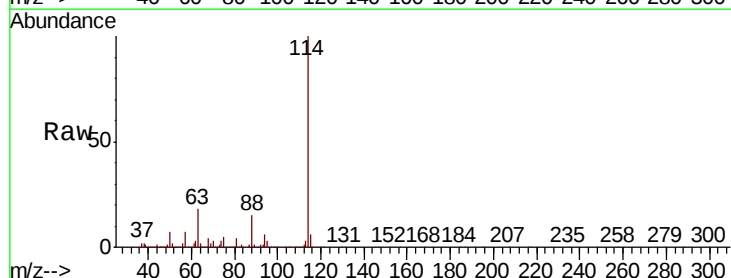
Tgt Ion: 114 Resp: 1343169

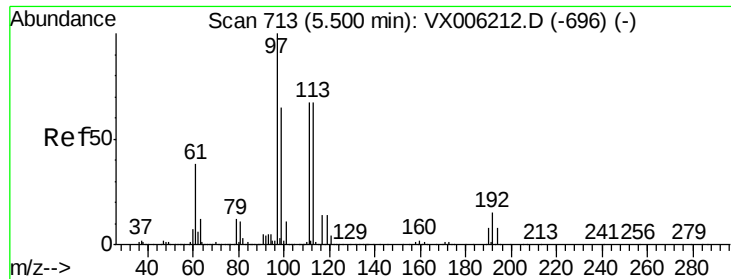
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.856 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006260.D

Acq: 03 Dec 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

HLSP-TB1-113018

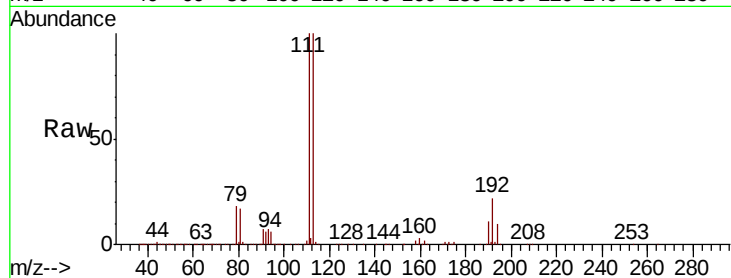
Tot Ion:113 Resp: 424874

Ion Ratio Lower Upper

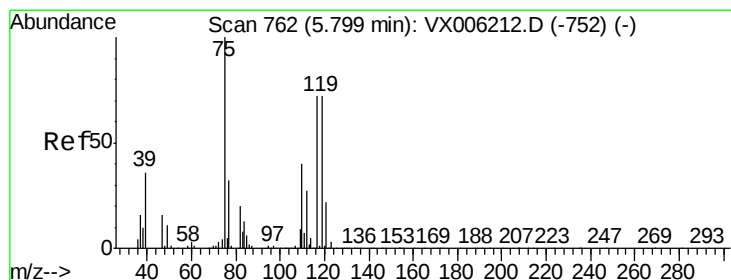
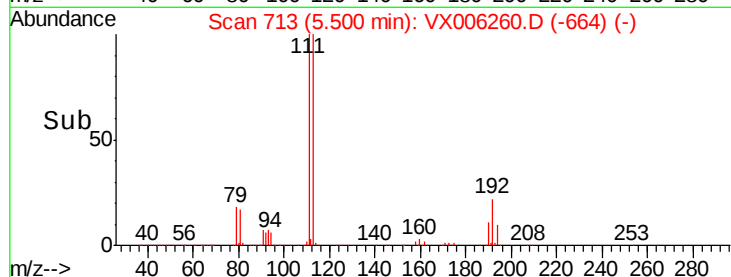
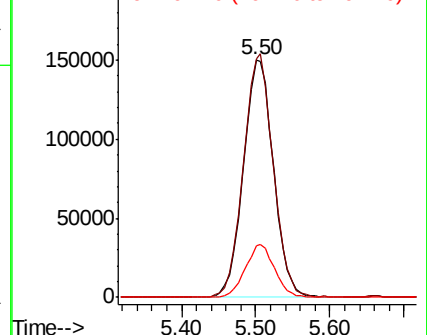
113 100

111 101.4 81.1 121.7

192 21.9 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: 4.817 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006260.D

Acq: 03 Dec 2018 18:17

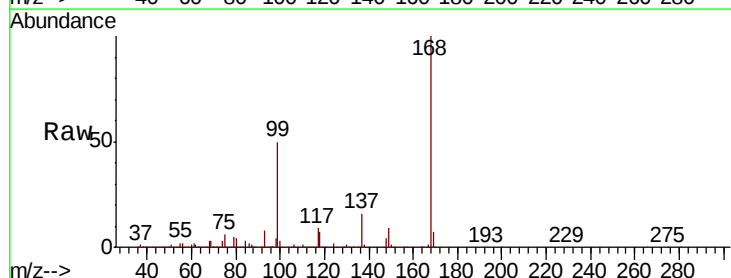
Tgt Ion: 75 Resp: 54486

Ion Ratio Lower Upper

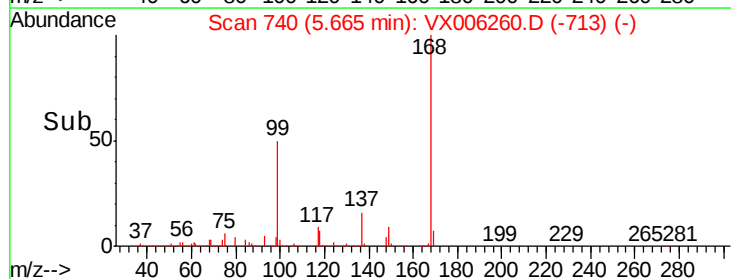
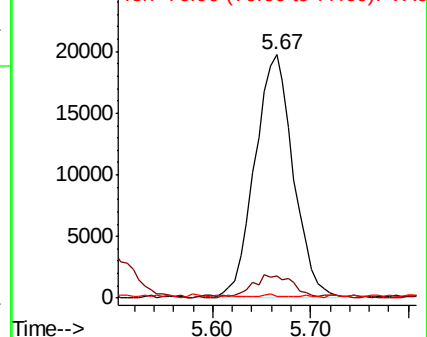
75 100

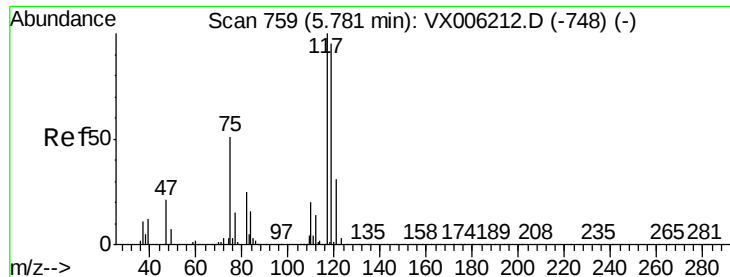
110 10.2 20.4 61.3#

77 0.3 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: 5.957 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006260.D

Acq: 03 Dec 2018 18:17

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HLSP-TB1-113018

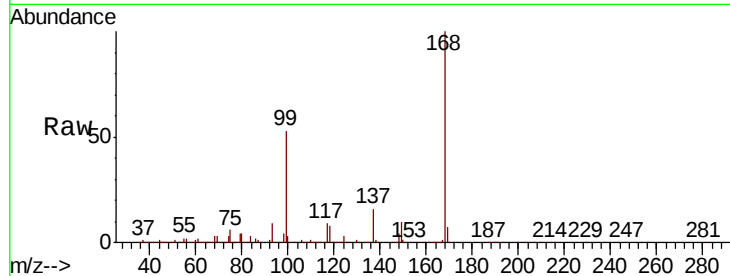
Tot Ion:117 Resp: 79271

Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.8#

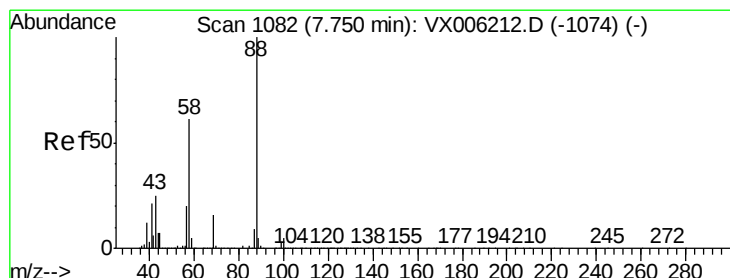
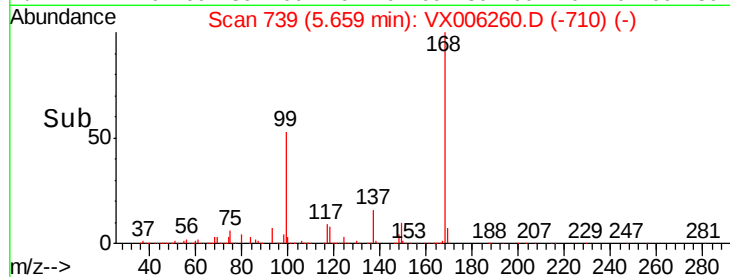
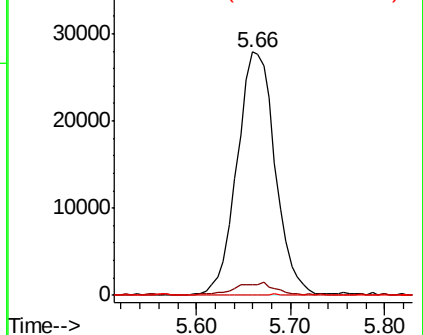
121 0.3 24.6 37.0#



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: 1.461 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX006260.D

Acq: 03 Dec 2018 18:17

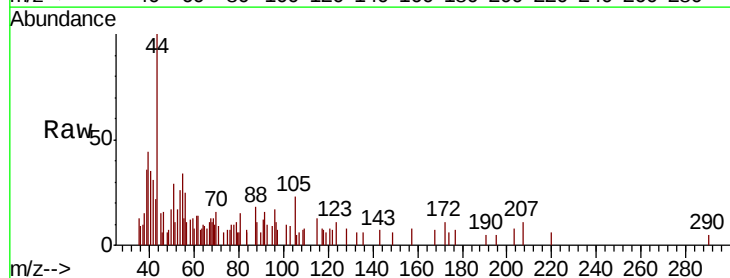
Tgt Ion: 88 Resp: 370

Ion Ratio Lower Upper

88 100

43 37.6 23.2 34.8#

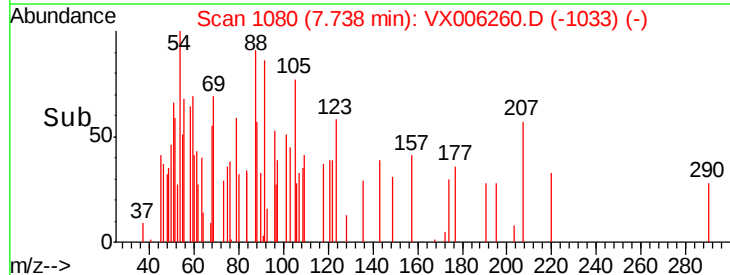
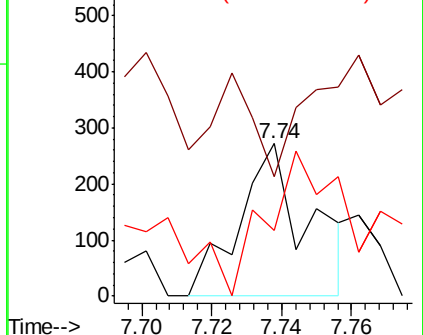
58 137.0 51.4 77.0#



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: 49.165 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006260.D

Acq: 03 Dec 2018 18:17

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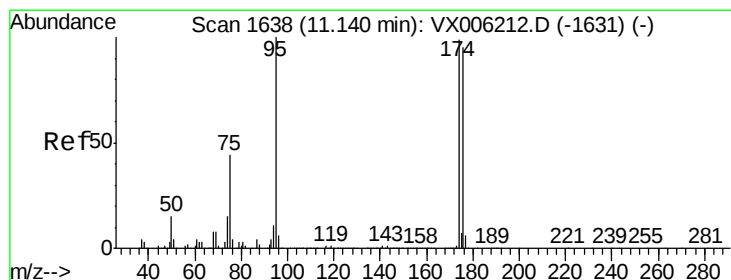
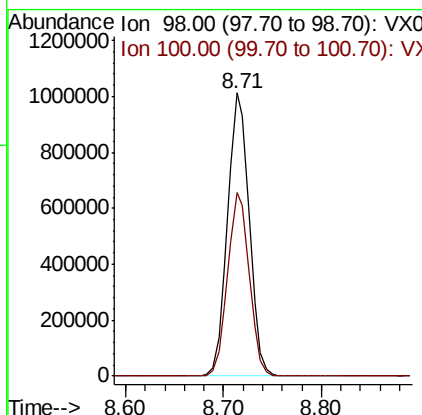
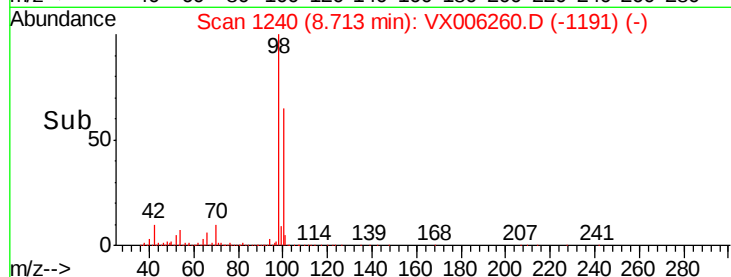
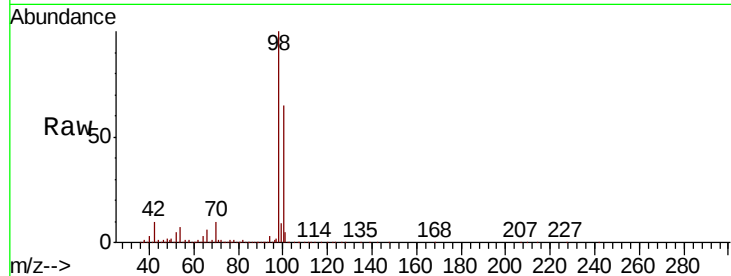
HLSP-TB1-113018

Tot Ion: 98 Resp: 1555232

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.034 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006260.D

Acq: 03 Dec 2018 18:17

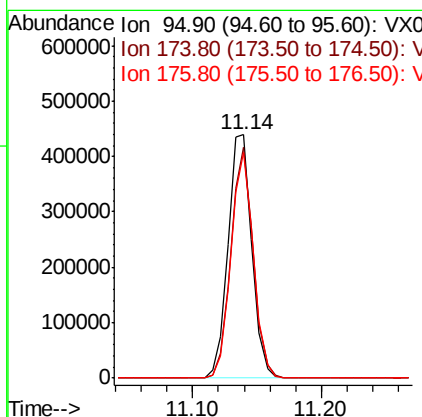
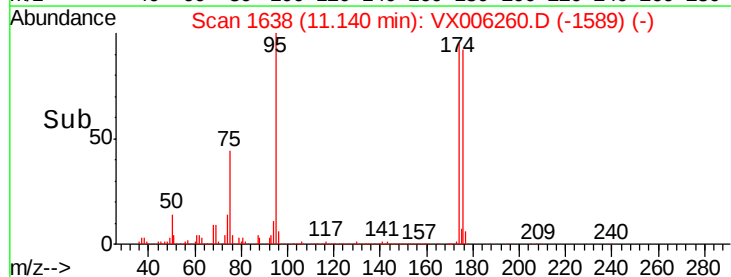
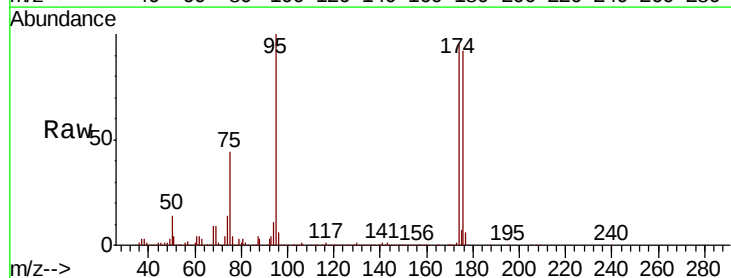
Tgt Ion: 95 Resp: 572574

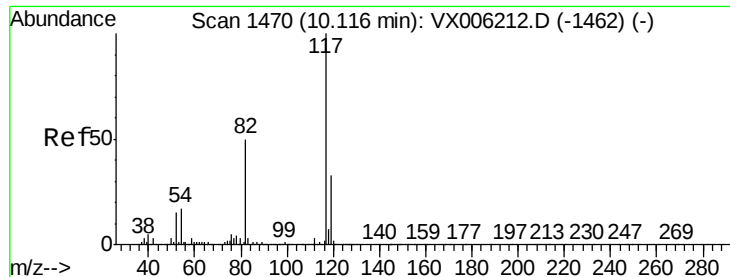
Ion Ratio Lower Upper

95 100

174 88.4 0.0 187.0

176 86.8 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006260.D

Acq: 03 Dec 2018 18:17

Instrument :

MSVOA_X

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HLSP-TB1-113018

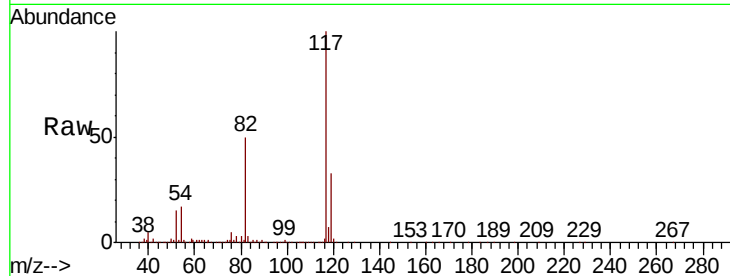
Tot Ion:117 Resp: 1211407

Ion Ratio Lower Upper

117 100

82 50.1 39.6 59.4

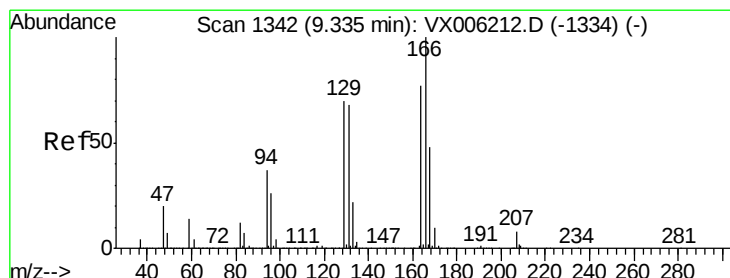
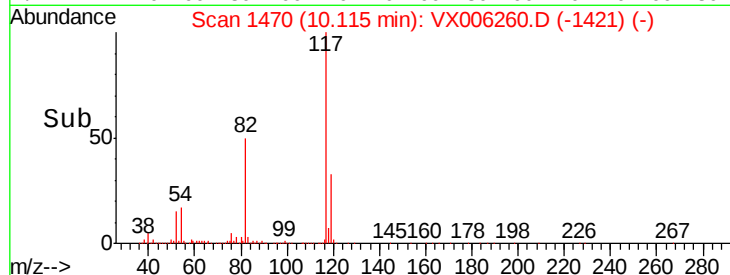
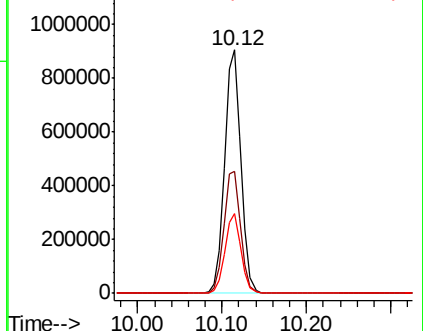
119 33.0 26.3 39.5



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: 0.345 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006260.D

Acq: 03 Dec 2018 18:17

Tgt Ion:164 Resp: 3147

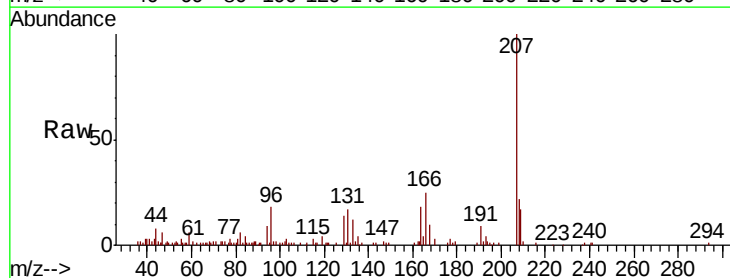
Ion Ratio Lower Upper

164 100

166 140.2 104.2 156.2

129 76.8 72.6 108.8

131 97.3 70.3 105.5

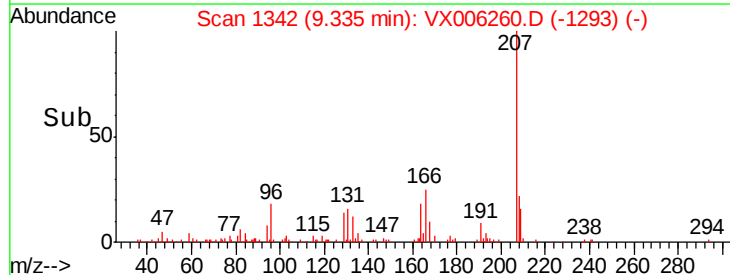
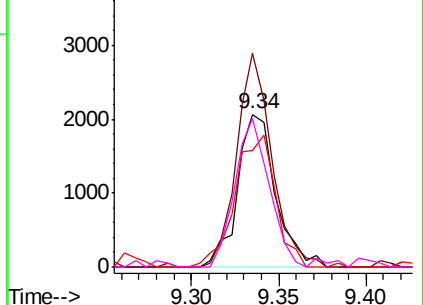


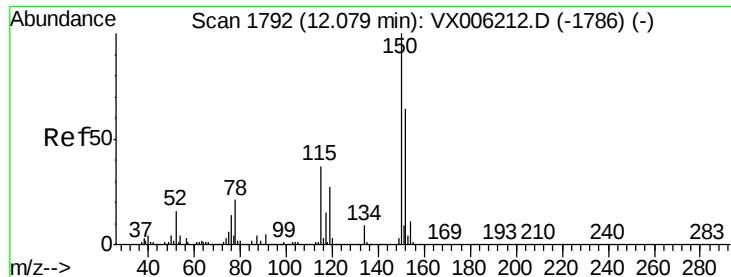
Abundance Ion 163.80 (163.50 to 164.50): V

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



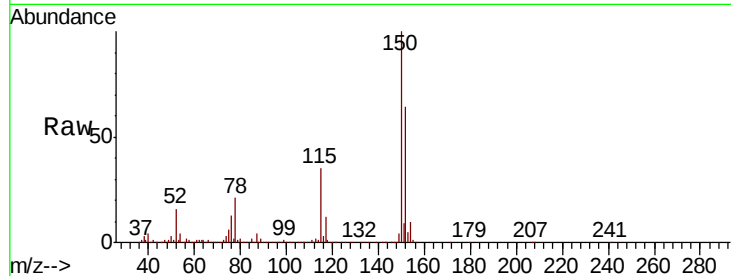


#72

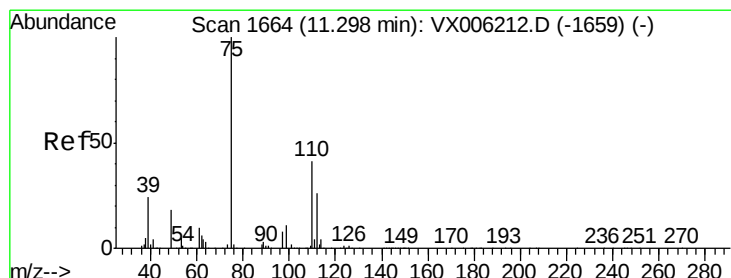
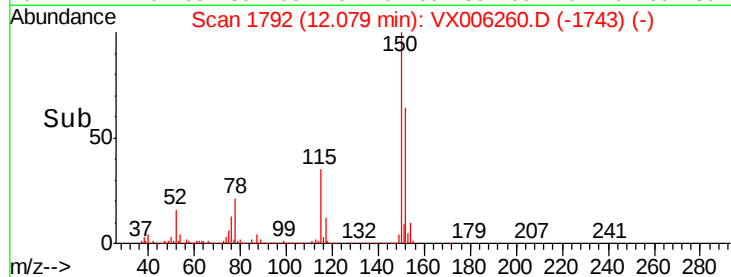
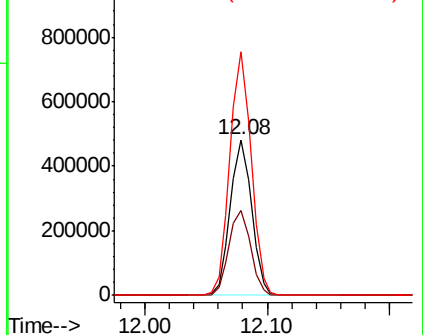
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006260.D
Acq: 03 Dec 2018 18:17

Instrument :
MSVOA_X
ClientSampleId :
HLSP-TB1-113018

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.0	116.9
150	156.7	0.0	345.8



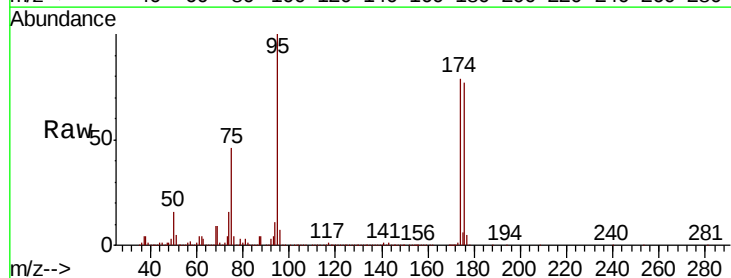
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



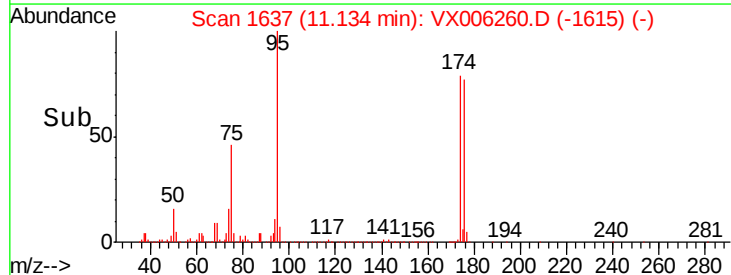
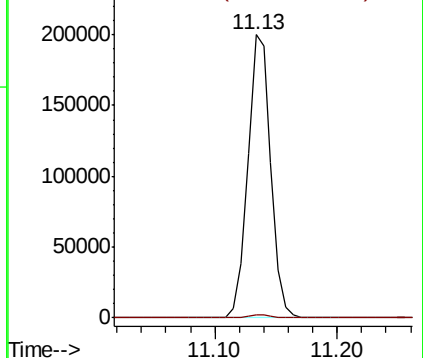
#76

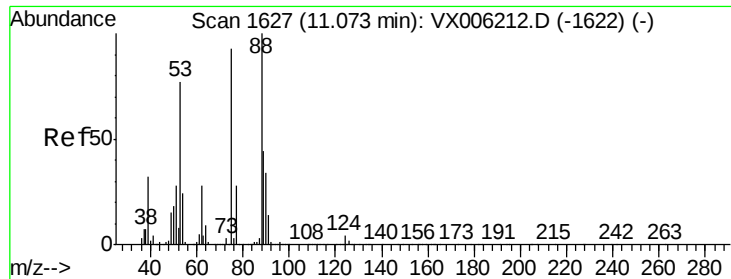
1,2,3-Trichloropropane
Concen: 23.157 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006260.D
Acq: 03 Dec 2018 18:17

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: 54.342 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006260.D
 Acq: 03 Dec 2018 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 HLSP-TB1-113018

Tot Ion: 75 Resp: 259253
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.4 96.6#
 89 0.0 44.2 66.4#

