

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006261.D
 Acq On : 03 Dec 2018 18:44
 Operator : JC/MD
 Sample : J6204-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HLSP-FB1-112918

Quant Time: Dec 04 04:58:49 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	851727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1303316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1171909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	554927	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	431624	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
35) Dibromofluoromethane	5.50	113	418831	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	1513223	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.13	95	548780	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	

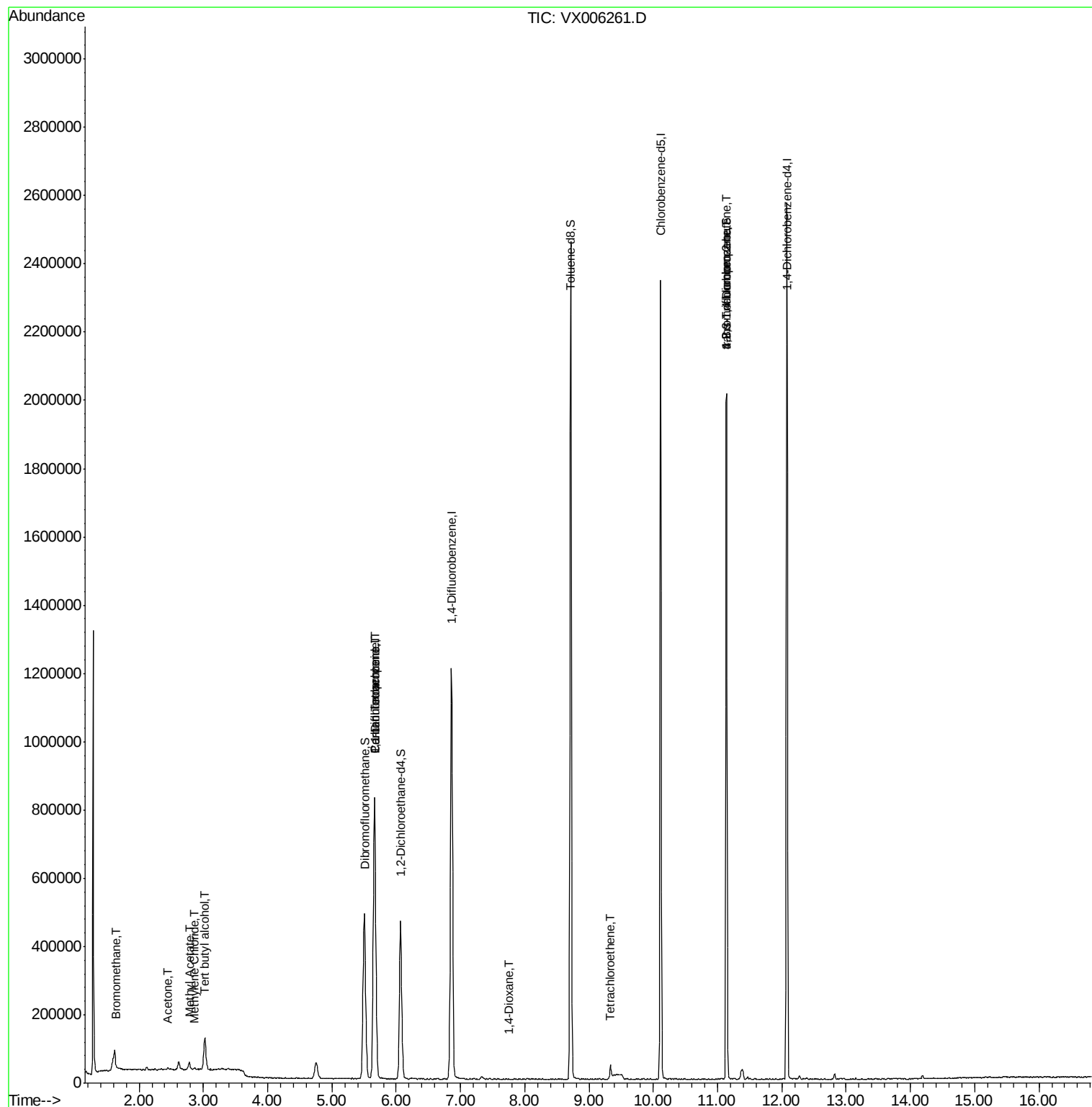
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2177	0.341	ug/l #	79
11) Tert butyl alcohol	3.02	59	60764	25.554	ug/l #	78
16) Acetone	2.45	43	6530	1.600	ug/l	99
18) Methyl Acetate	2.78	43	27928	2.047	ug/l	98
20) Methylene Chloride	2.85	84	2132	0.246	ug/l #	57
36) 1,1-Dichloropropene	5.67	75	52309	4.766	ug/l #	49
38) Carbon Tetrachloride	5.66	117	76143	5.897	ug/l #	16
49) 1,4-Dioxane	7.76	88	66	0.269	ug/l #	1
64) Tetrachloroethene	9.34	164	3319	0.376	ug/l #	88
76) 1,2,3-Trichloropropane	11.13	75	250252	23.364	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	250252	54.829	ug/l #	15

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

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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: VX006261.D

Acq: 03 Dec 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

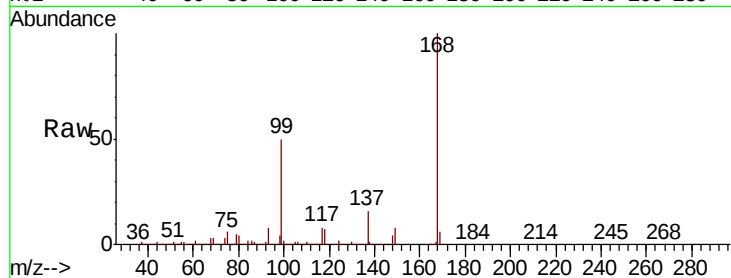
HLSP-FB1-112918

Tot Ion:168 Resp: 851727

Ion Ratio Lower Upper

168 100

99 50.1 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

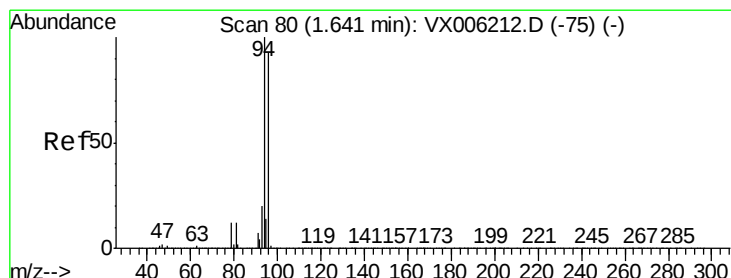
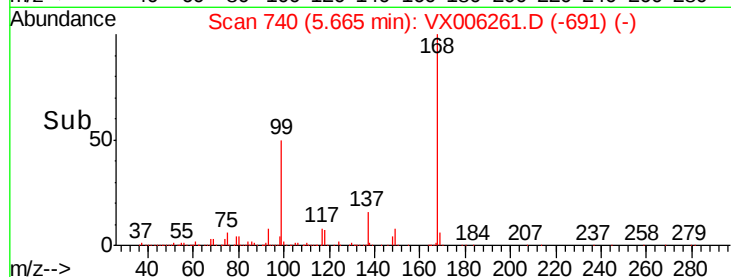
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.341 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006261.D

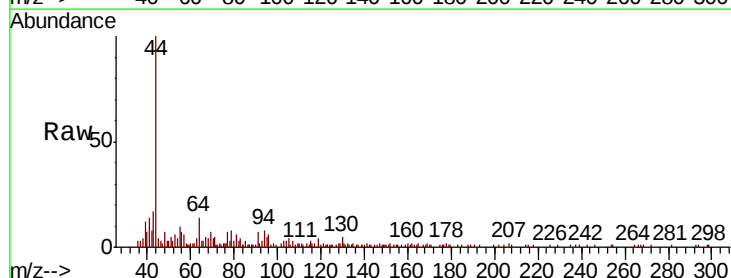
Acq: 03 Dec 2018 18:44

Tgt Ion: 94 Resp: 2177

Ion Ratio Lower Upper

94 100

96 72.5 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

800

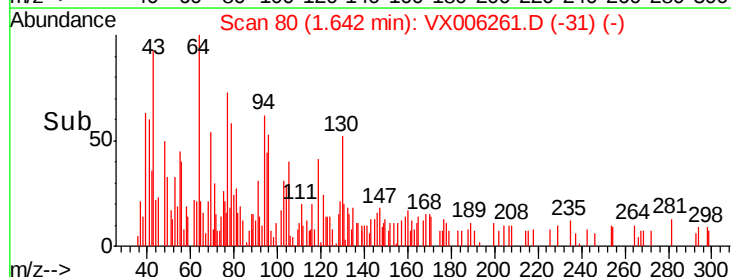
600

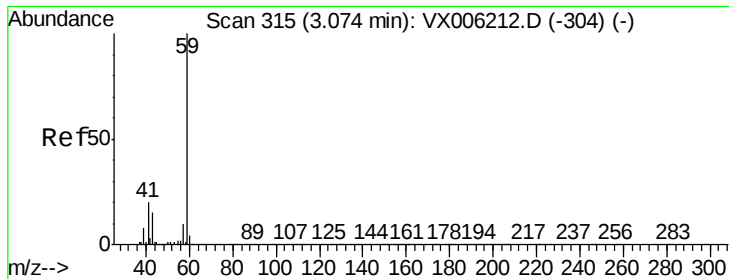
400

200

0

Time-->



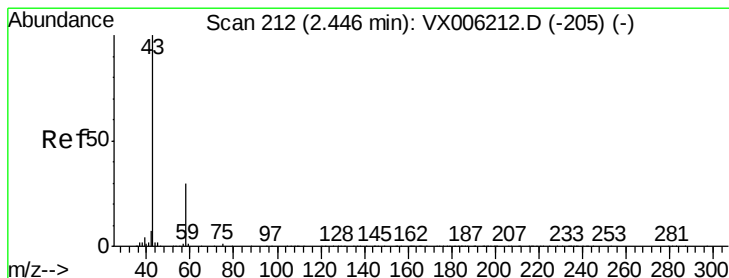
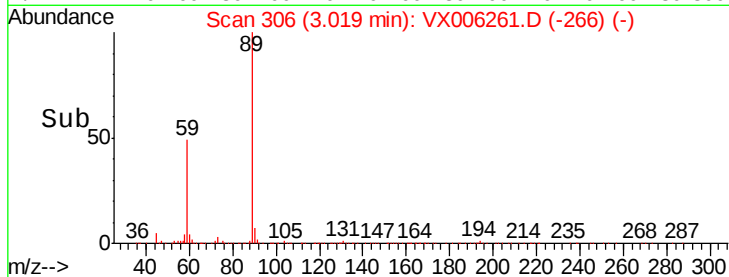
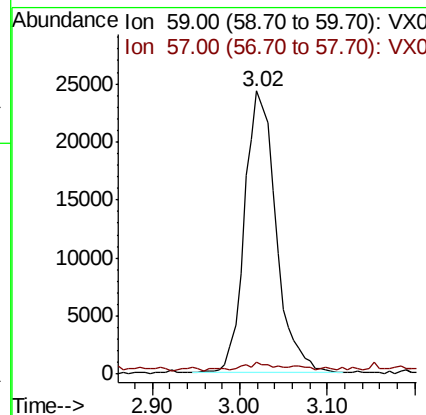
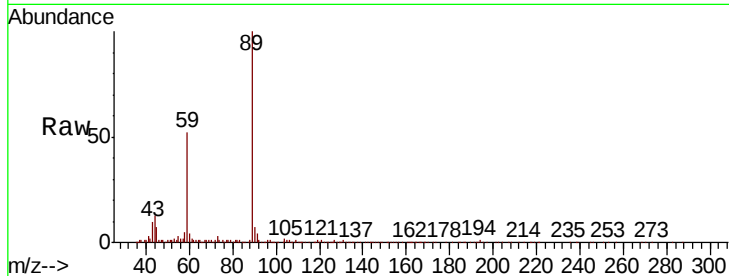


#11

Tert butyl alcohol
 Concen: 25.554 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.05 min
 Lab File: VX006261.D
 Acq: 03 Dec 2018 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 HLSP-FB1-112918

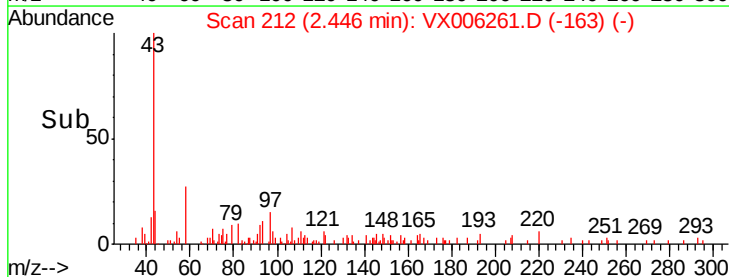
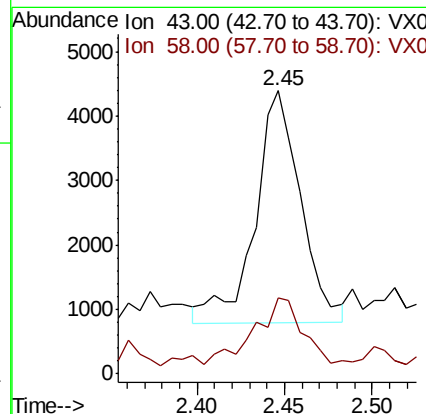
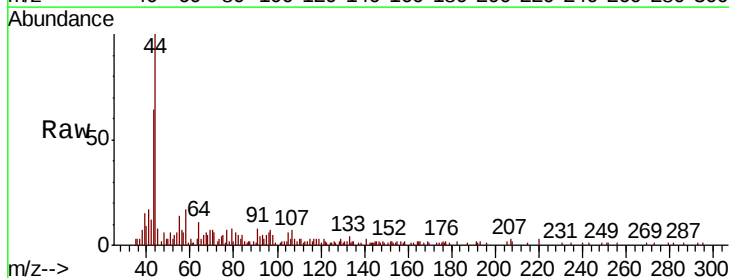
Tot Ion: 59 Resp: 60764
 Ion Ratio Lower Upper
 59 100
 57 2.1 8.2 12.2#

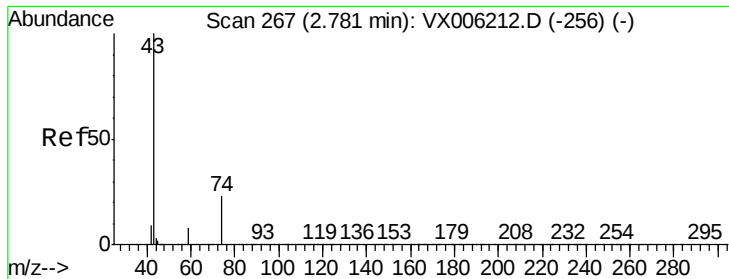


#16

Acetone
 Concen: 1.600 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006261.D
 Acq: 03 Dec 2018 18:44

Tgt Ion: 43 Resp: 6530
 Ion Ratio Lower Upper
 43 100
 58 29.5 24.0 36.0

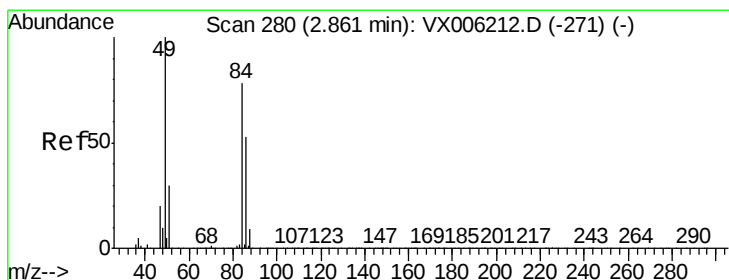
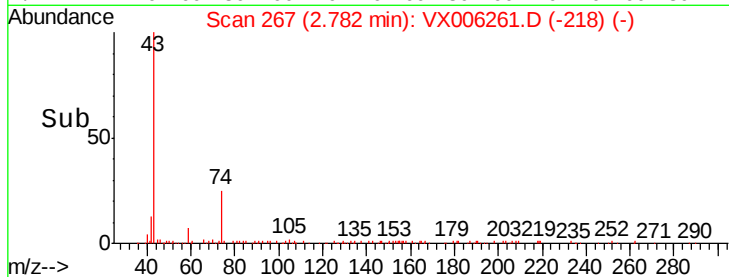
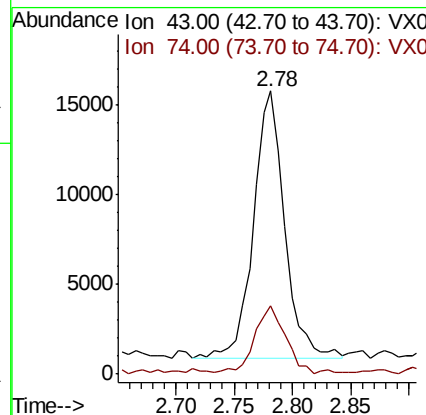
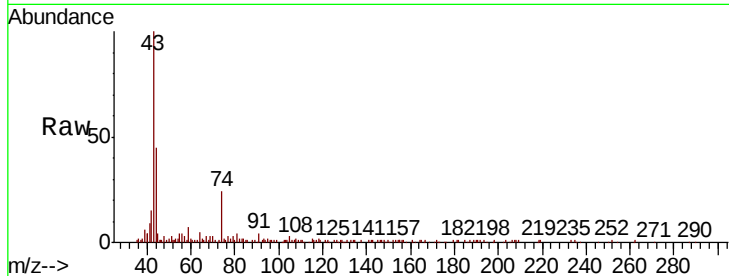




#18
Methyl Acetate
Concen: 2.047 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006261.D
Acq: 03 Dec 2018 18:44

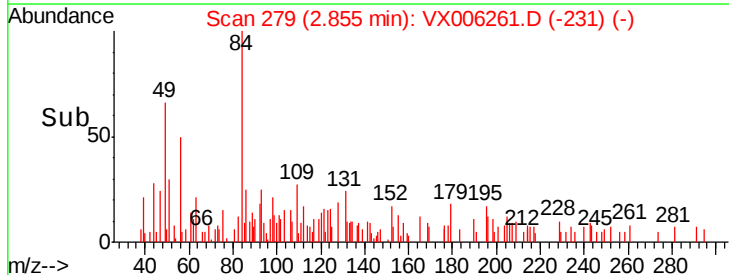
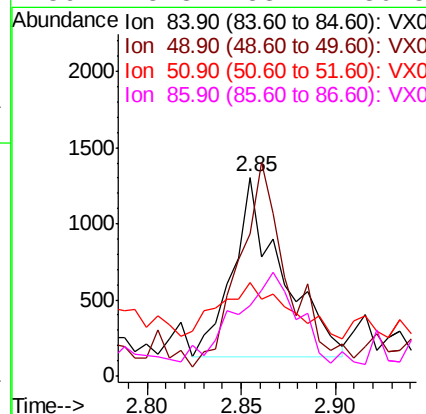
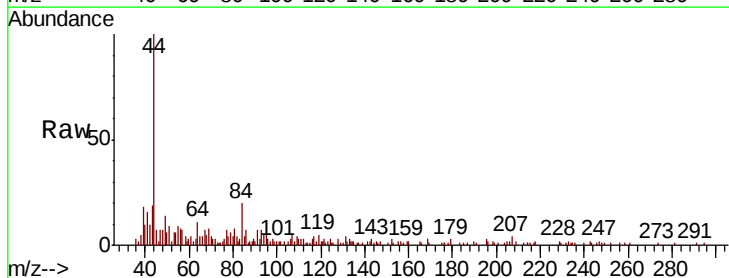
Instrument :
MSVOA_X
ClientSampleId :
HLSP-FB1-112918

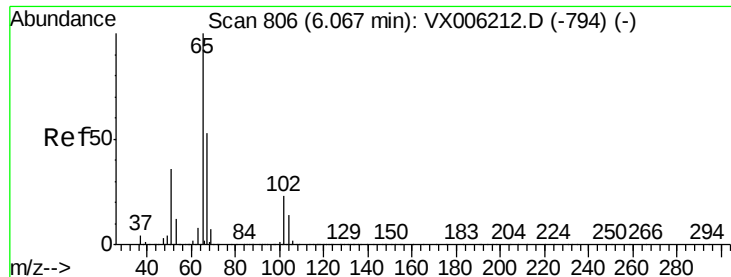
Tot Ion: 43 Resp: 27928
Ion Ratio Lower Upper
43 100
74 23.6 17.9 26.9



#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006261.D
Acq: 03 Dec 2018 18:44

Tgt Ion: 84 Resp: 2132
Ion Ratio Lower Upper
84 100
49 74.0 102.2 153.4#
51 31.2 31.1 46.7
86 25.3 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 49.642 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006261.D

Acq: 03 Dec 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

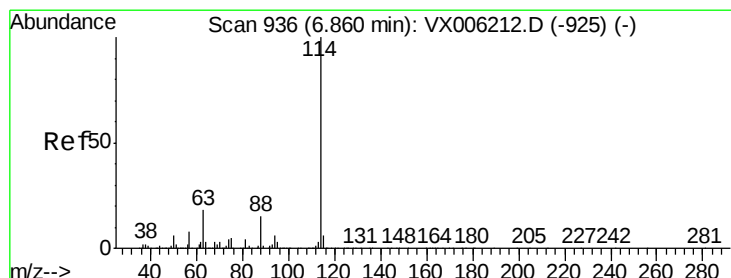
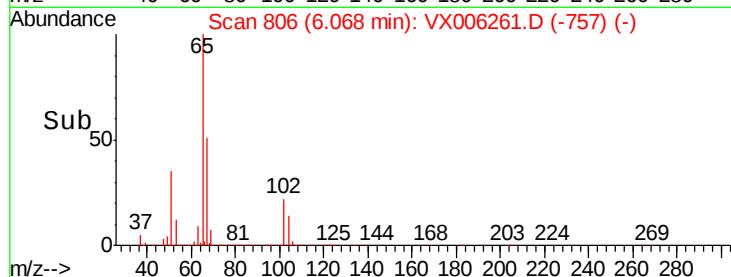
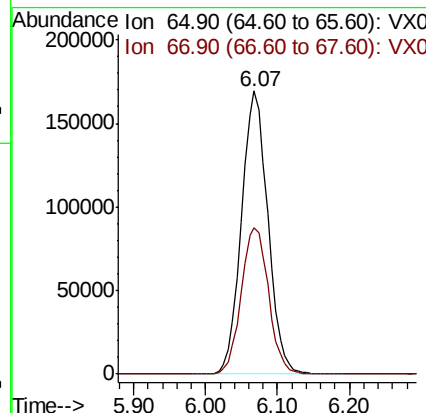
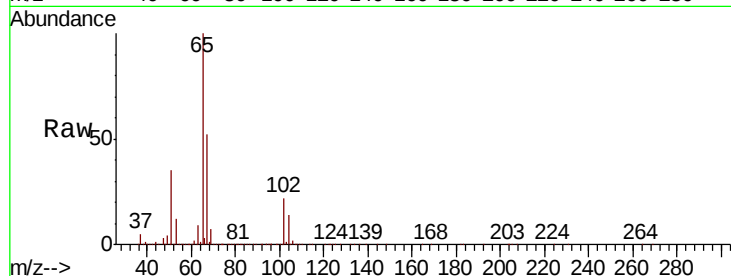
HLSP-FB1-112918

Tot Ion: 65 Resp: 431624

Ion Ratio Lower Upper

65 100

67 53.2 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: VX006261.D

Acq: 03 Dec 2018 18:44

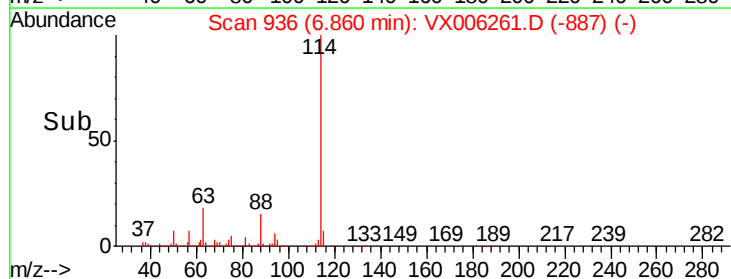
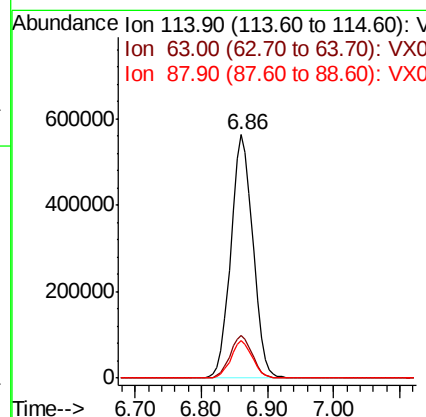
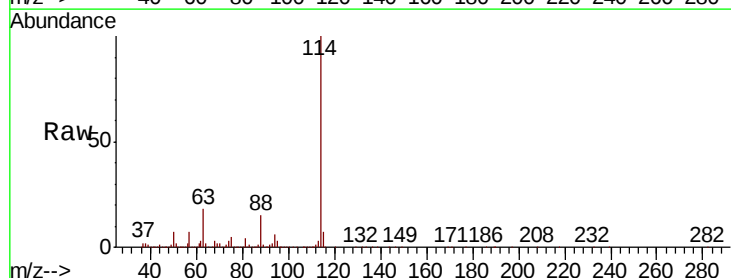
Tgt Ion: 114 Resp: 1303316

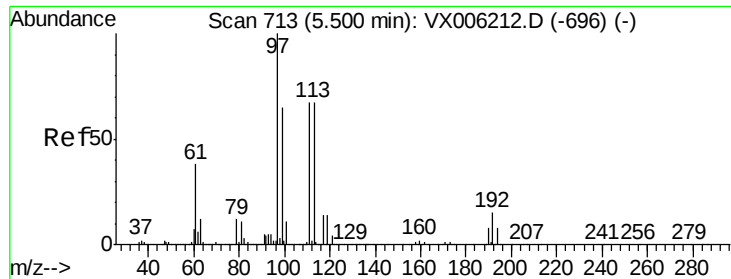
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 15.2 0.0 29.0

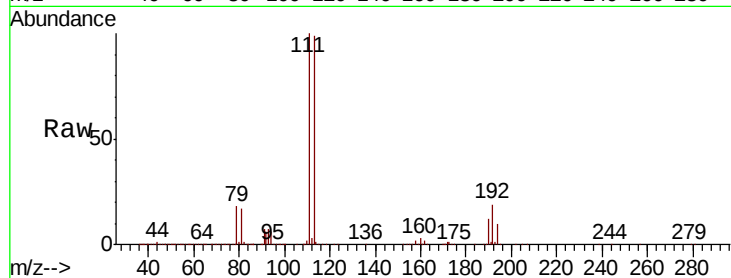




#35
 Dibromofluoromethane
 Concen: 49.634 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006261.D
 Acq: 03 Dec 2018 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 HLSP-FB1-112918

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.1	121.7
192	21.4	18.2	27.2

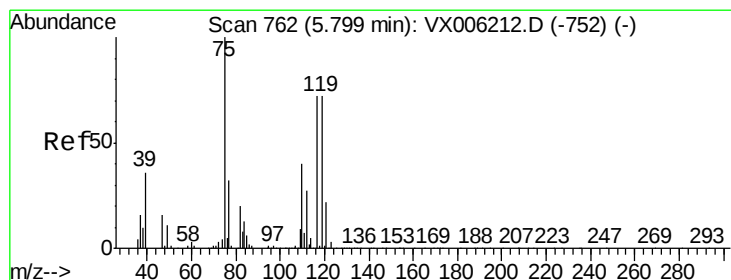
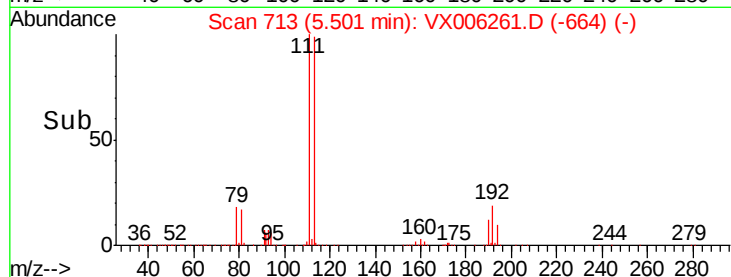
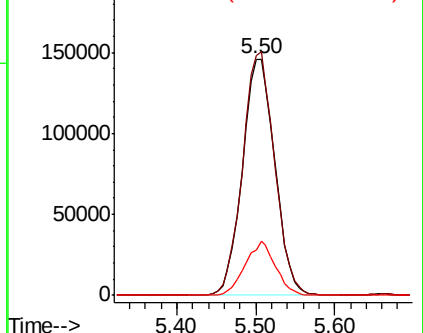


Abundance

Ion 112.80 (112.50 to 113.50): V

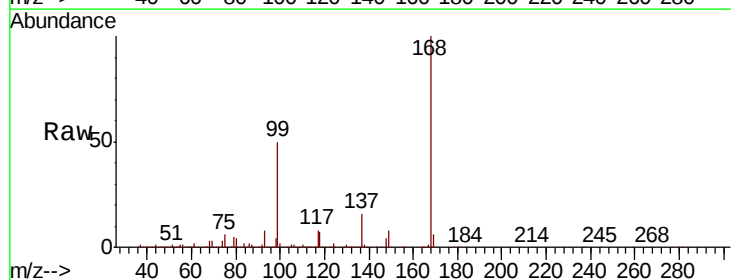
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.766 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006261.D
 Acq: 03 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.6	20.4	61.3#
77	0.0	24.9	37.3#

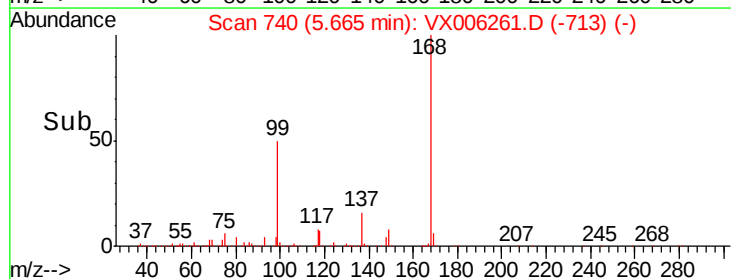
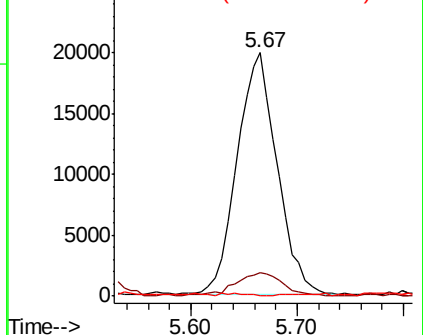


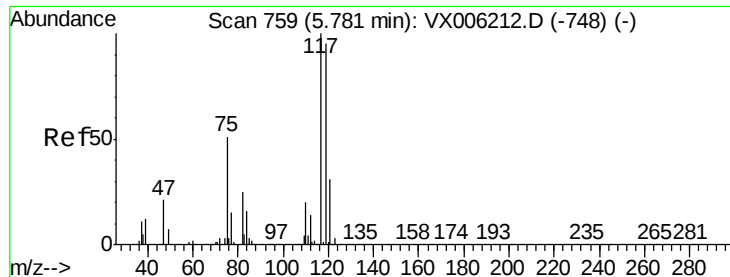
Abundance

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: 5.897 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006261.D

Acq: 03 Dec 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

HLSP-FB1-112918

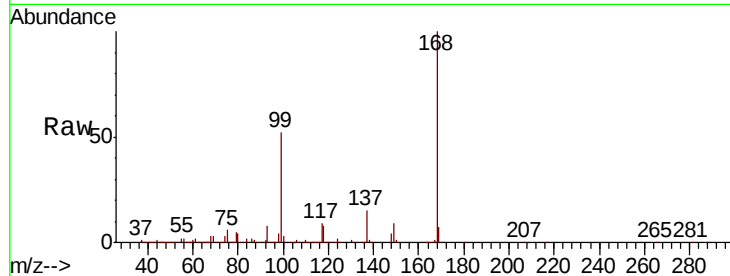
Tot Ion:117 Resp: 76143

Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

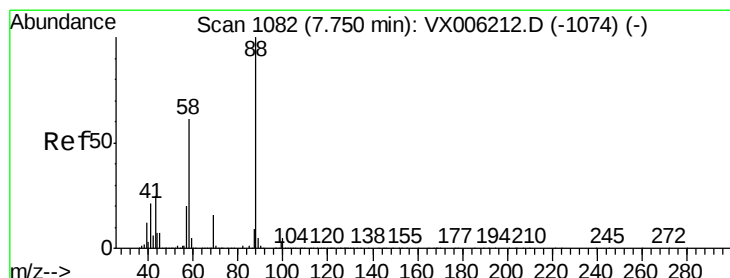
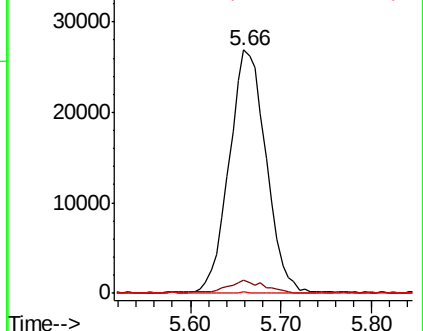
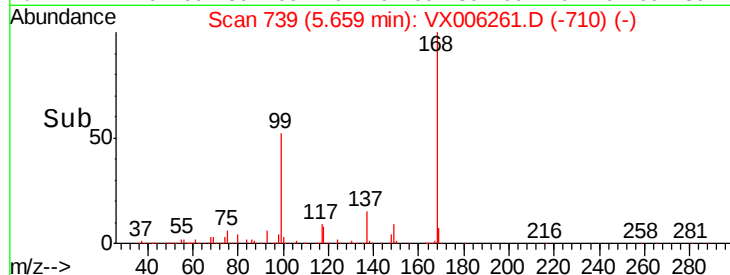
121 0.5 24.6 37.0#



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: 0.269 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006261.D

Acq: 03 Dec 2018 18:44

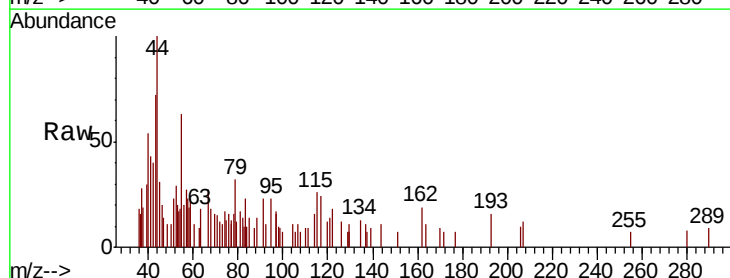
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

43 647.0 23.2 34.8#

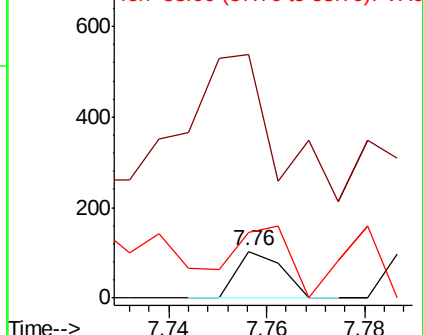
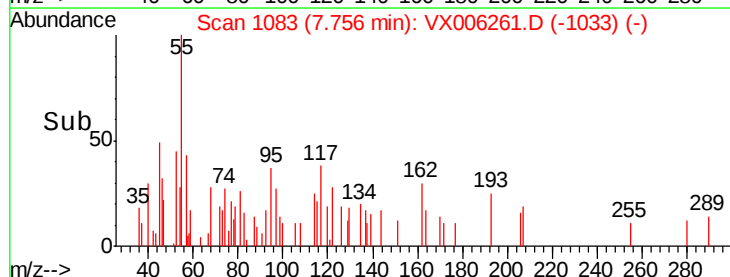
58 168.2 51.4 77.0#



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

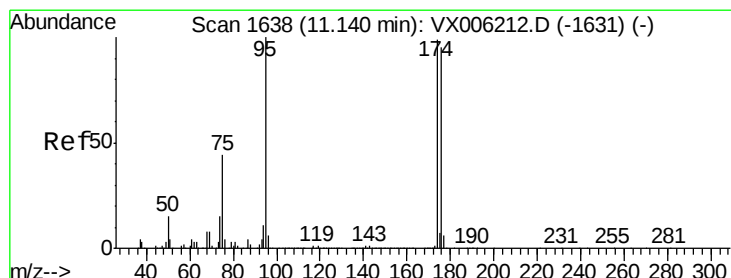
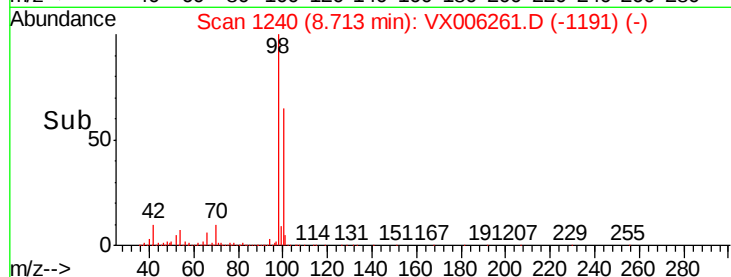
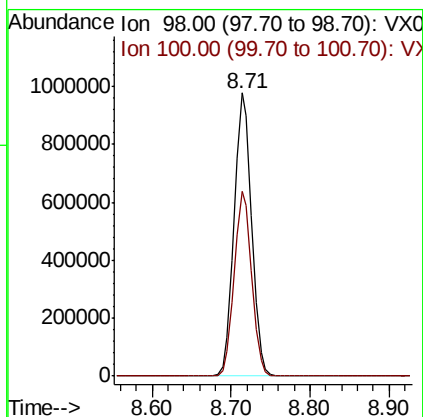
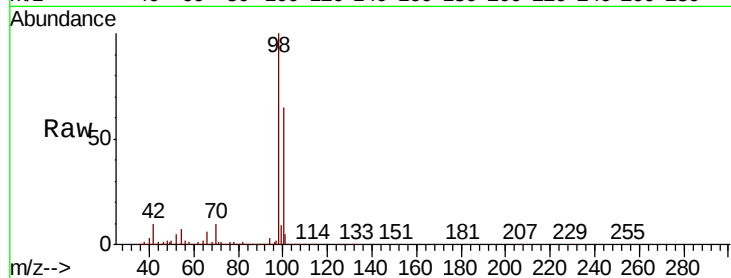




#50
Toluene-d8
Concen: 49.300 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006261.D
Acq: 03 Dec 2018 18:44

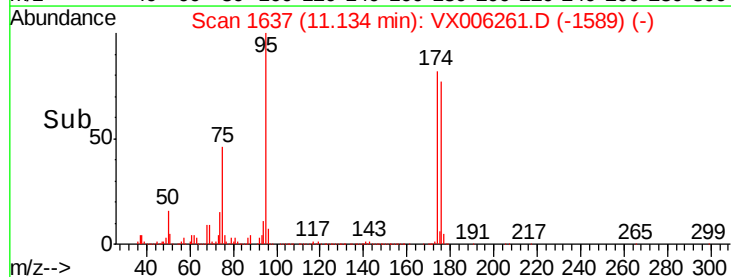
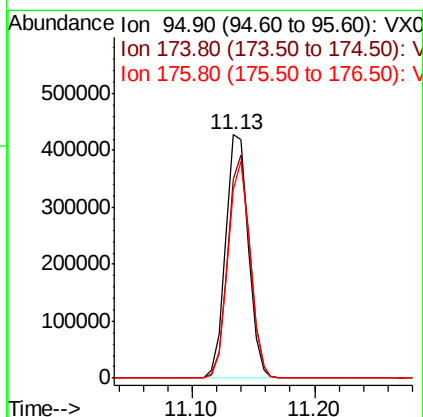
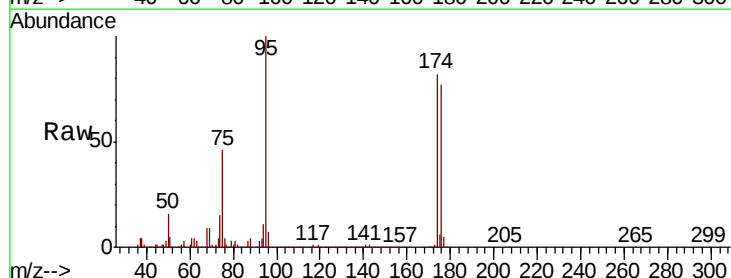
Instrument :
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HLSP-FB1-112918

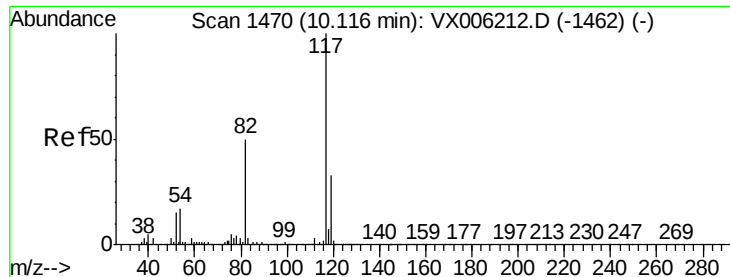
Tot Ion: 98 Resp: 1513223
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.446 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006261.D
Acq: 03 Dec 2018 18:44

Tgt Ion: 95 Resp: 548780
Ion Ratio Lower Upper
95 100
174 89.4 0.0 187.0
176 86.4 0.0 181.8

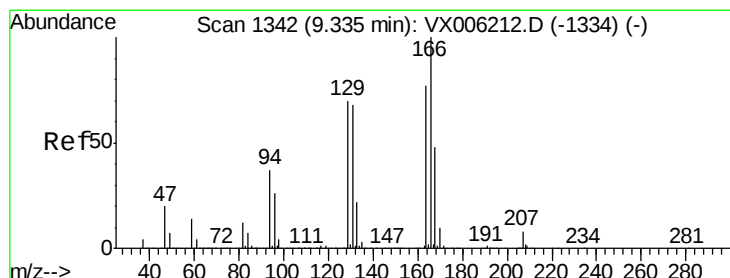
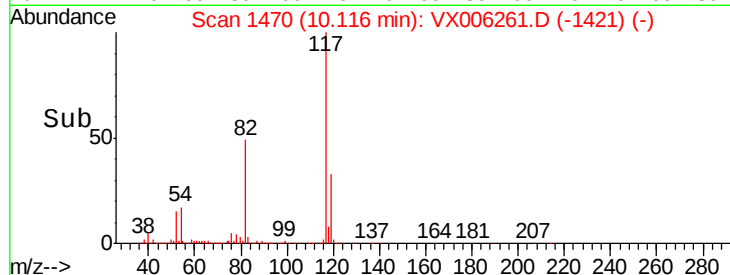
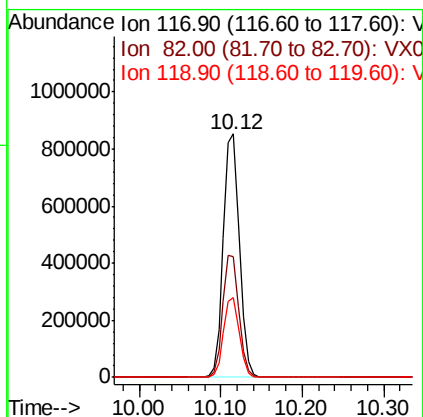
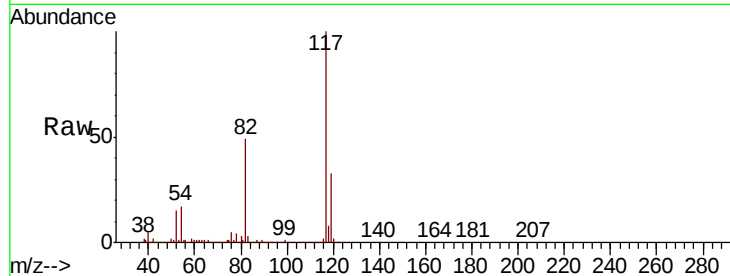




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006261.D
Acq: 03 Dec 2018 18:44

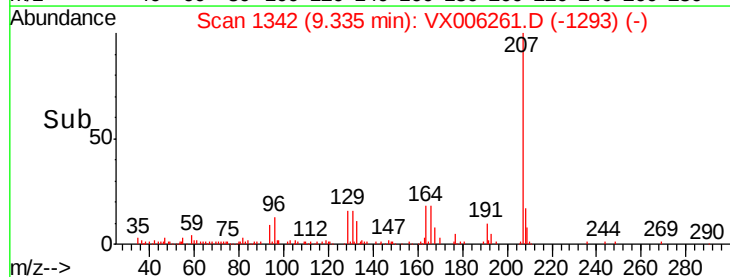
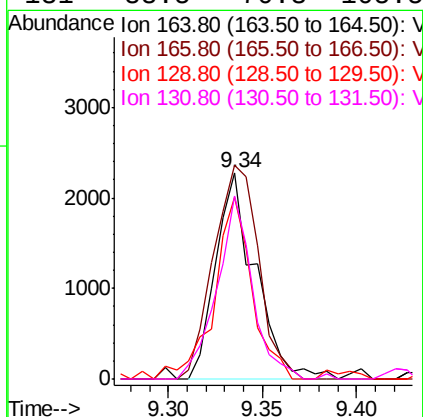
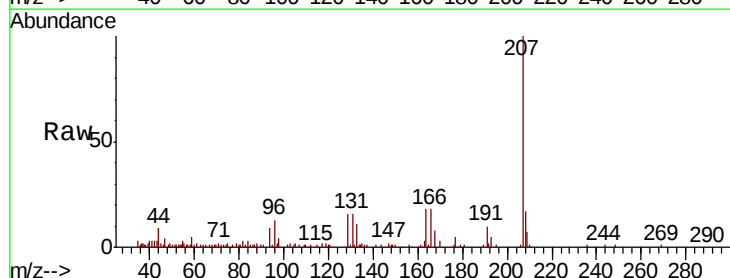
Instrument :
MSVOA_X
ClientSampleId :
HLSP-FB1-112918

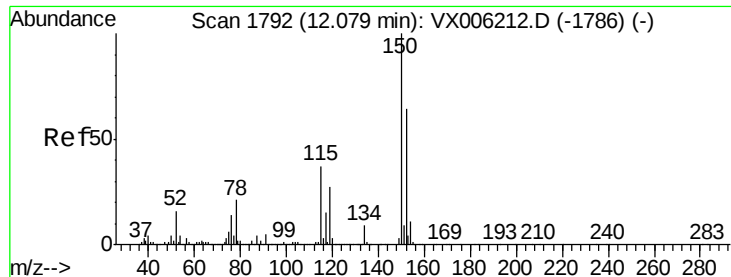
Tot Ion:117 Resp: 1171909
Ion Ratio Lower Upper
117 100
82 49.4 39.6 59.4
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 0.376 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006261.D
Acq: 03 Dec 2018 18:44

Tgt Ion:164 Resp: 3319
Ion Ratio Lower Upper
164 100
166 103.6 104.2 156.2#
129 85.3 72.6 108.8
131 88.5 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: VX006261.D

Acq: 03 Dec 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

HLSP-FB1-112918

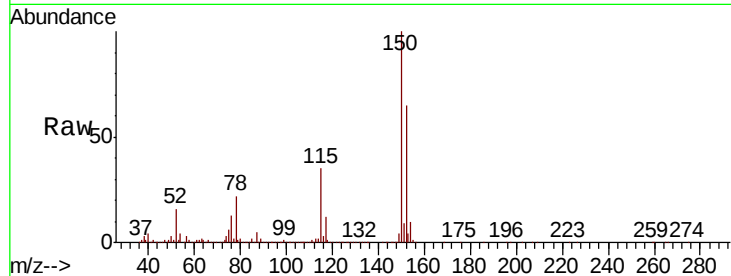
Tot Ion:152 Resp: 554927

Ion Ratio Lower Upper

152 100

115 56.5 39.0 116.9

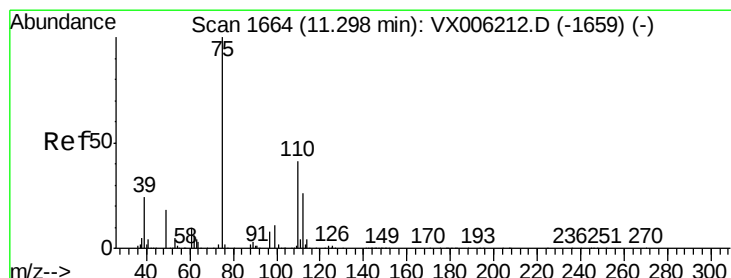
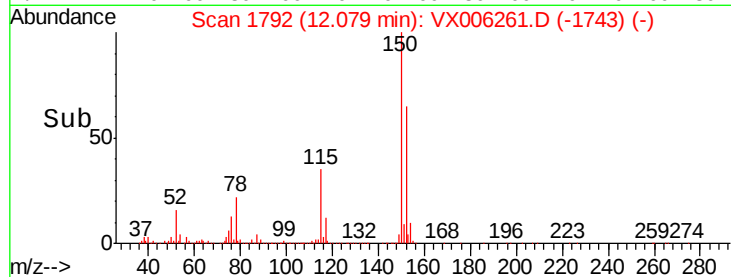
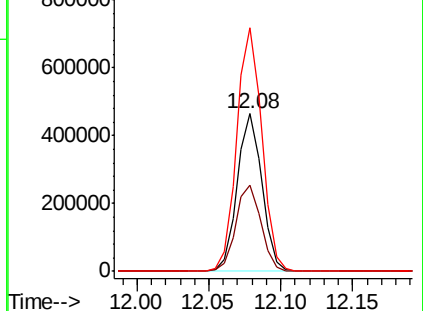
150 157.5 0.0 345.8



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: 23.364 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006261.D

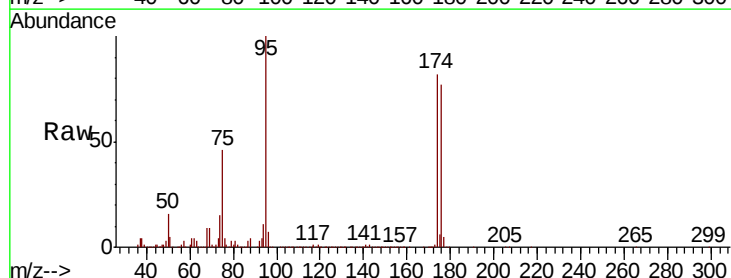
Acq: 03 Dec 2018 18:44

Tgt Ion: 75 Resp: 250252

Ion Ratio Lower Upper

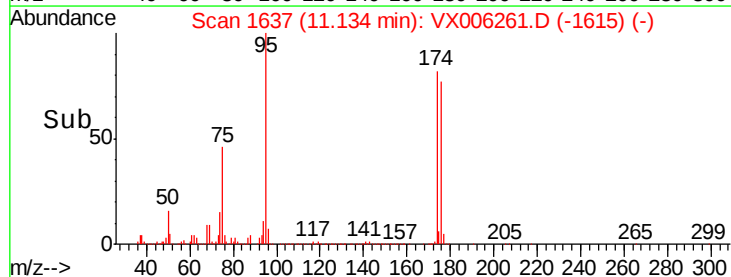
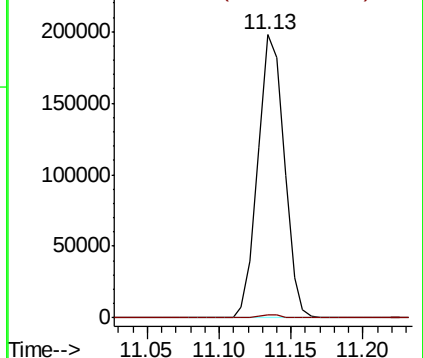
75 100

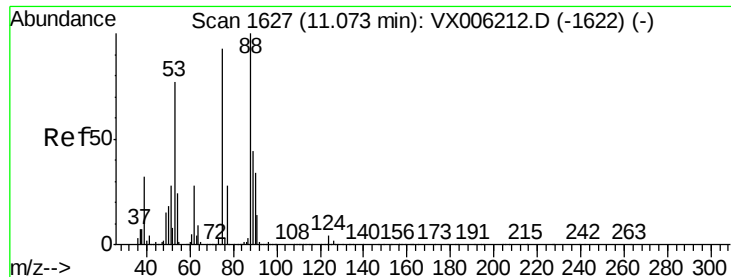
77 1.2 19.9 59.7#



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: 54.829 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006261.D

Acq: 03 Dec 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

HLSP-FB1-112918

Tot Ion: 75 Resp: 250252

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.1 44.2 66.4#

