

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006356.D
 Acq On : 07 Dec 2018 19:11
 Operator : JC/MD
 Sample : J6259-14DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305I-20181205DL

Quant Time: Dec 08 00:13:42 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	807991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1223361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1105749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	535975	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	401053	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
35) Dibromofluoromethane	5.51	113	377021	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	
50) Toluene-d8	8.71	98	1401542	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.13	95	525092	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	

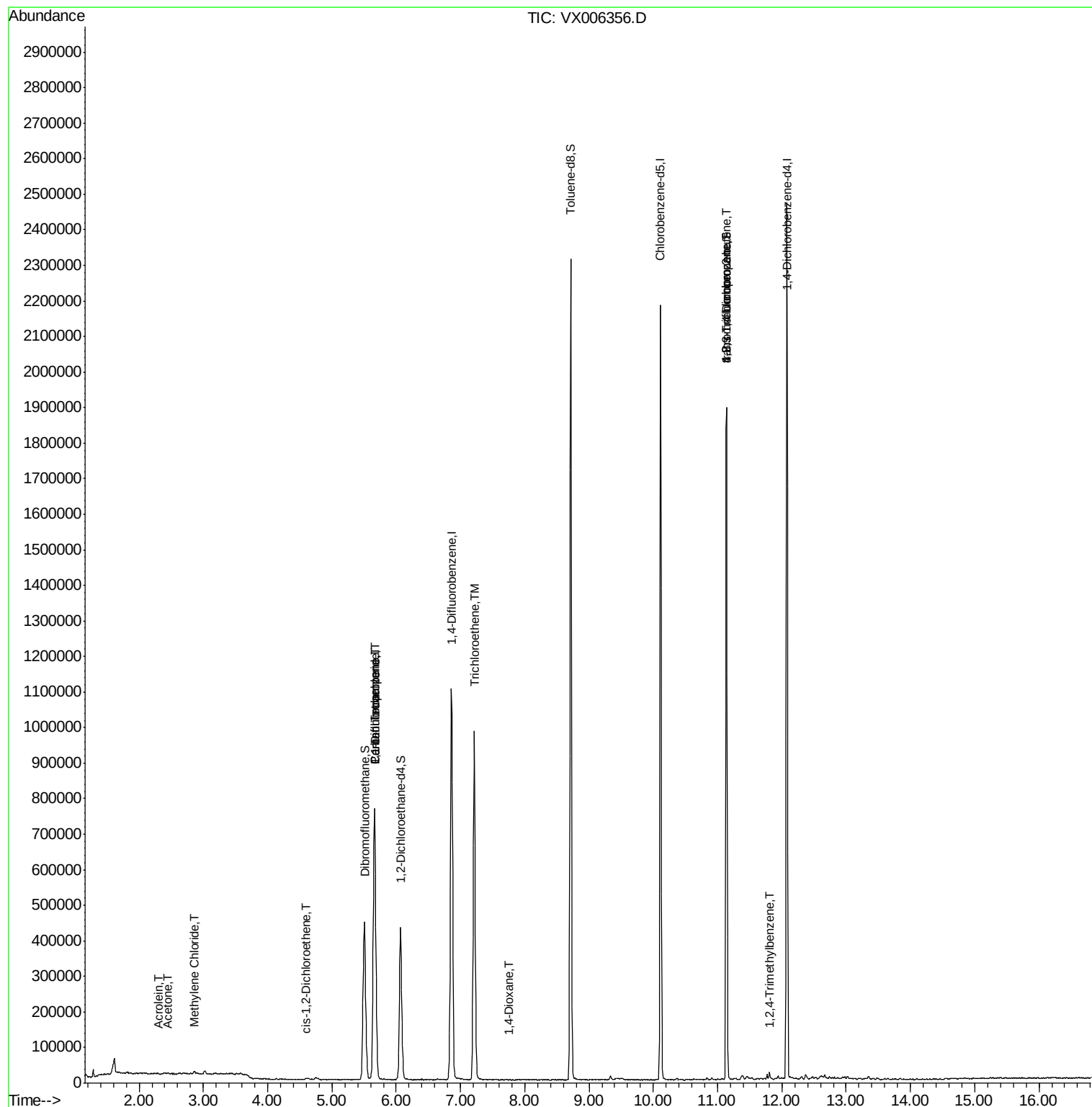
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.31	56	289	0.234	ug/l	90
16) Acetone	2.45	43	1644	0.425	ug/l #	56
20) Methylene Chloride	2.86	84	3332	0.404	ug/l #	84
27) cis-1,2-Dichloroethene	4.59	96	2278	0.262	ug/l	71
36) 1,1-Dichloropropene	5.66	75	48220	4.681	ug/l #	48
38) Carbon Tetrachloride	5.66	117	73400	6.056	ug/l #	16
44) Trichloroethene	7.21	130	399059	42.692	ug/l	95
49) 1,4-Dioxane	7.75	88	222	0.963	ug/l #	27
76) 1,2,3-Trichloropropane	11.13	75	238878	23.091	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	238878	54.188	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.80	105	8734	0.275	ug/l	99

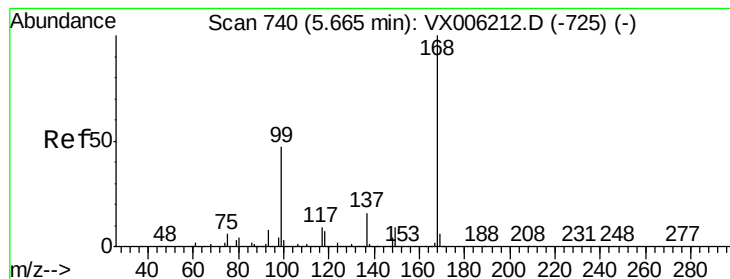
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006356.D

Acq: 07 Dec 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

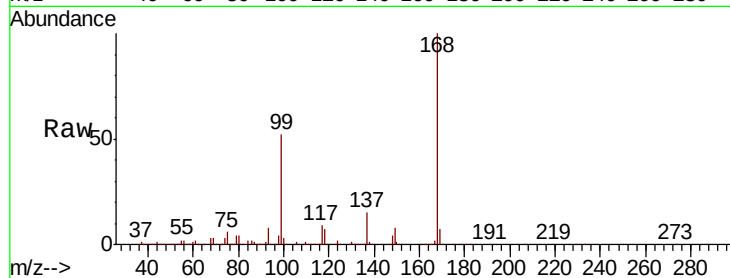
BPS1-TT-MW305I-20181205DL

Tot Ion:168 Resp: 807991

Ion Ratio Lower Upper

168 100

99 52.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

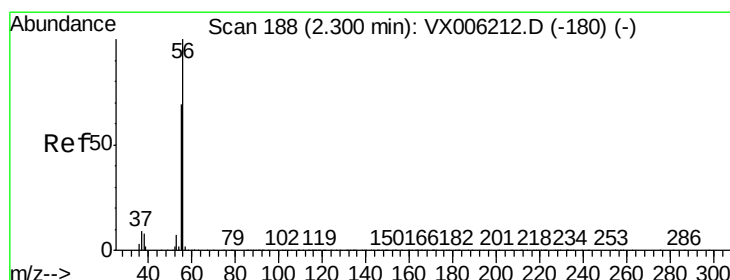
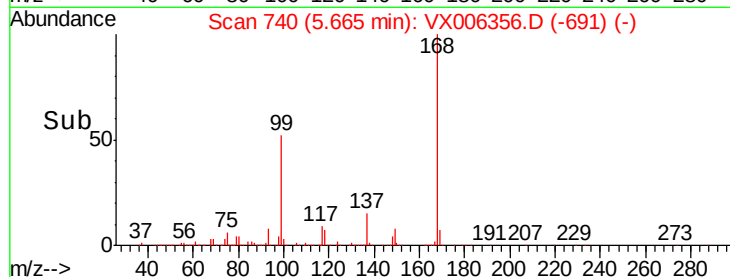
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.234 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX006356.D

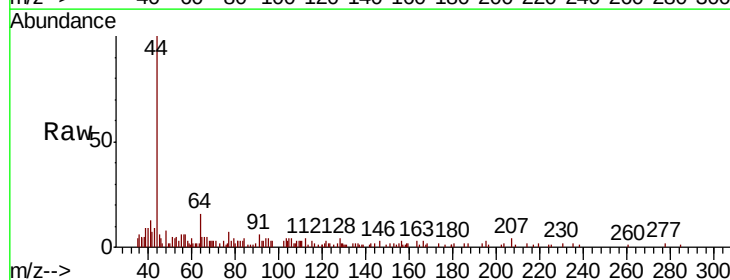
Acq: 07 Dec 2018 19:11

Tgt Ion: 56 Resp: 289

Ion Ratio Lower Upper

56 100

55 63.7 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

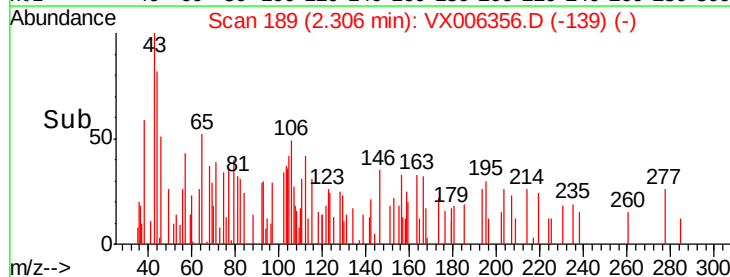
600

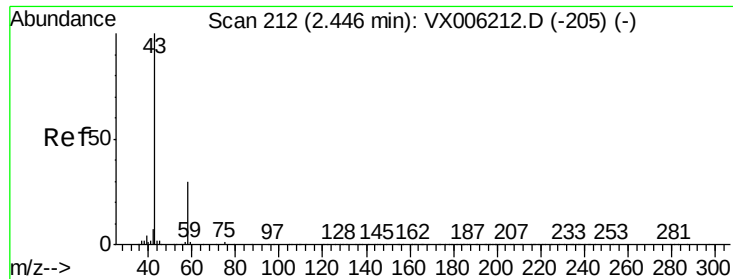
400

200

0

Time-->

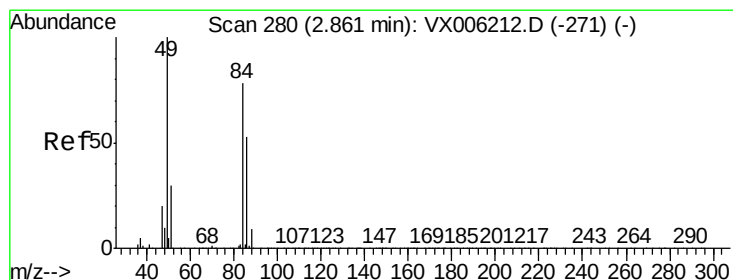
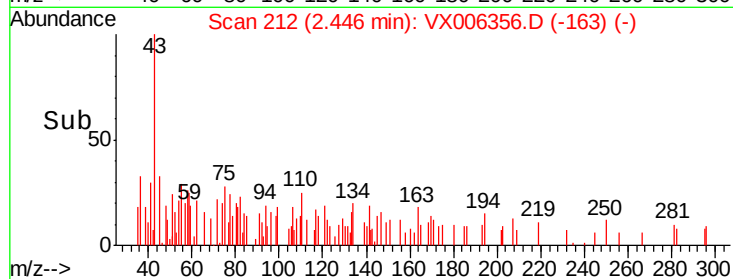
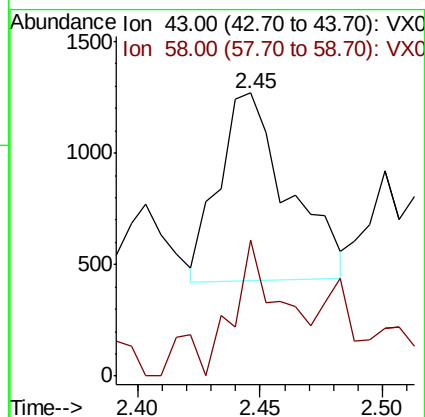
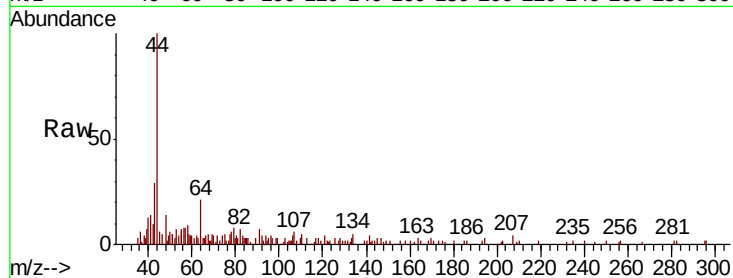




#16
Acetone
Concen: 0.425 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006356.D
Acq: 07 Dec 2018 19:11

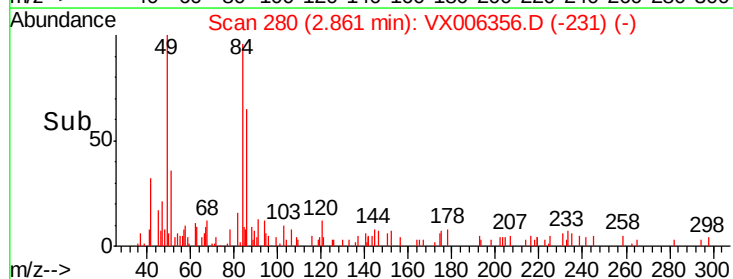
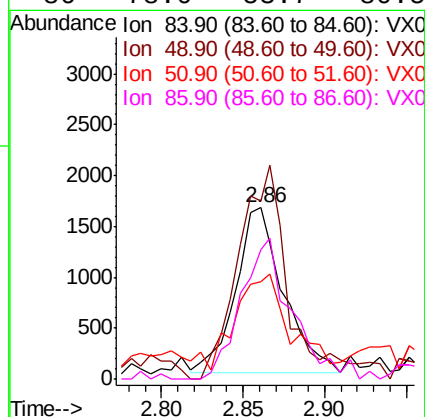
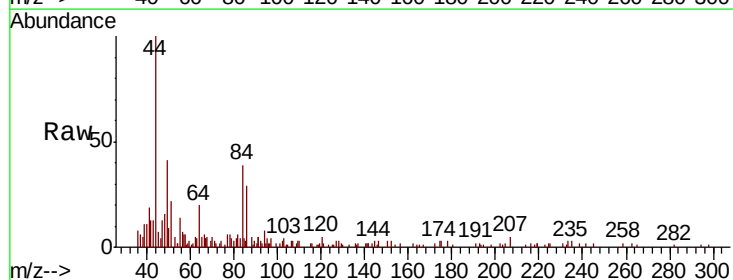
Instrument :
MSVOA_X
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BPS1-TT-MW305I-20181205DL

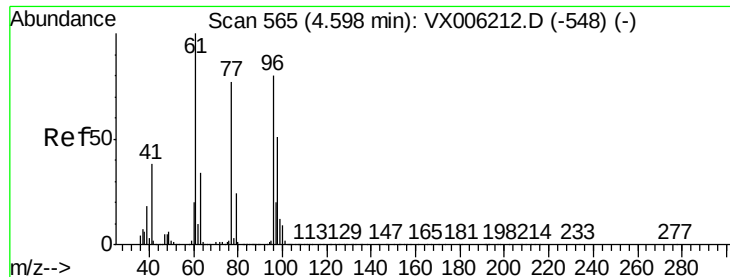
Tot Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
58 53.7 24.0 36.0#



#20
Methylene Chloride
Concen: 0.404 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006356.D
Acq: 07 Dec 2018 19:11

Tgt Ion: 84 Resp: 3332
Ion Ratio Lower Upper
84 100
49 107.8 102.2 153.4
51 48.6 31.1 46.7#
86 78.0 53.7 80.5



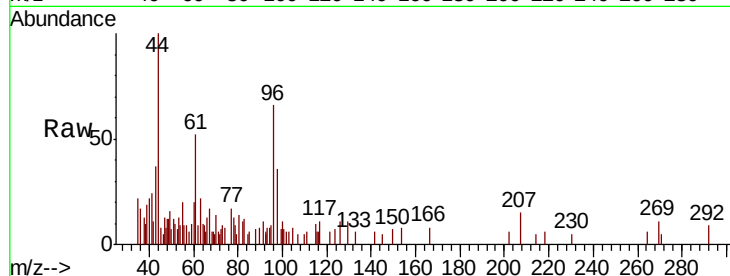


#27

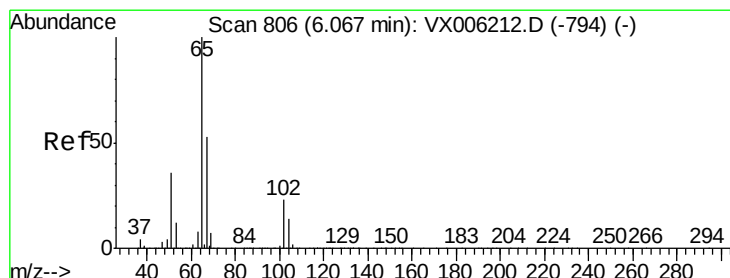
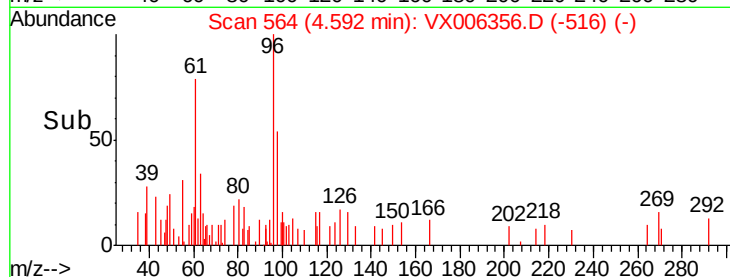
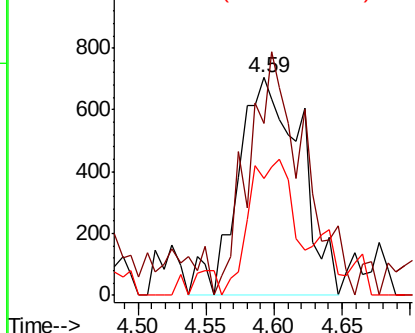
cis-1,2-Dichloroethene
 Concen: 0.262 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006356.D
 Acq: 07 Dec 2018 19:11

Instrument :
 MSVOA_X
 ClientSampleID :
 BPS1-TT-MW305I-20181205DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	98.0	0.0	265.0
98	43.9	0.0	130.2



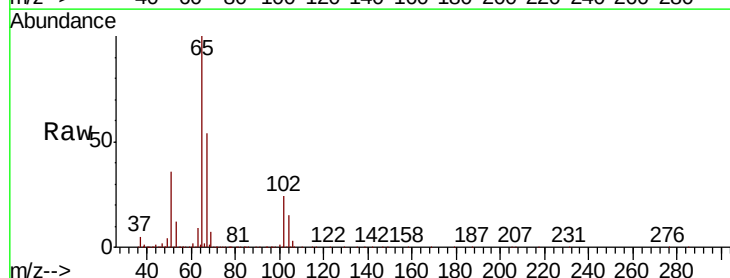
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



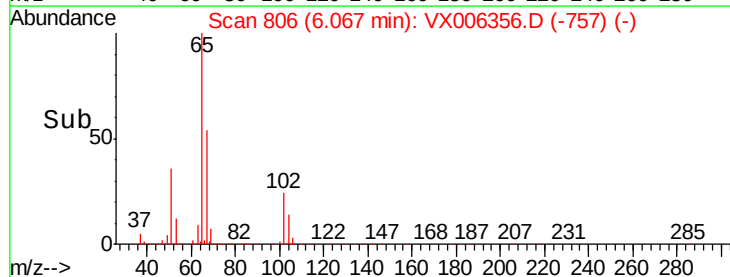
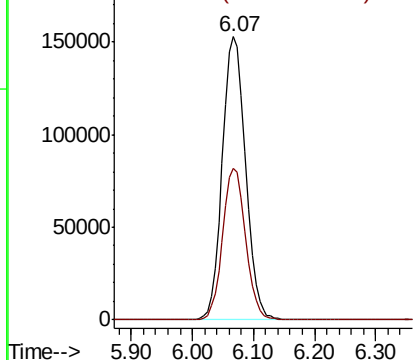
#33

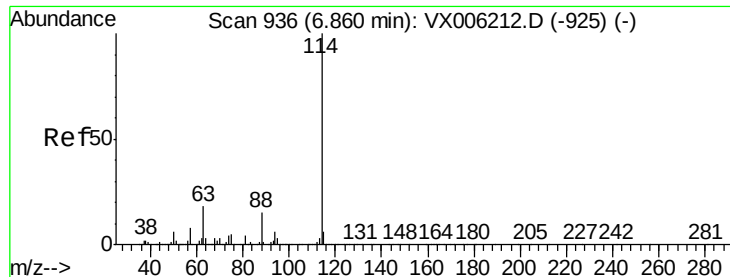
1,2-Dichloroethane-d4
 Concen: 48.623 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006356.D
 Acq: 07 Dec 2018 19:11

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

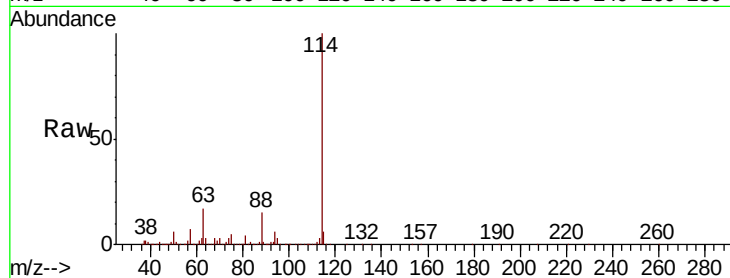




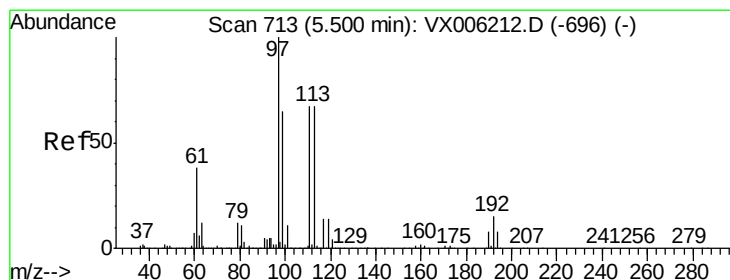
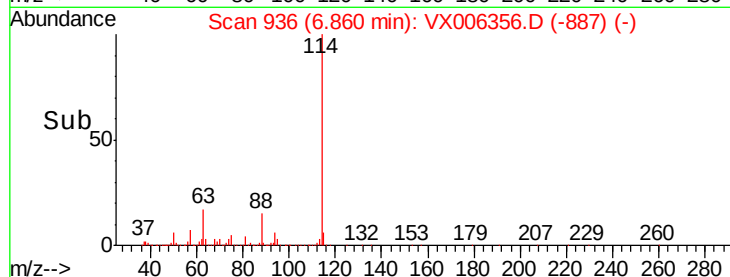
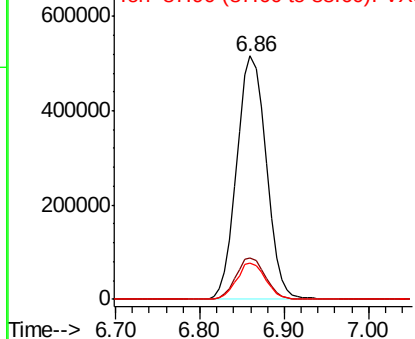
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006356.D
Acq: 07 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW305I-20181205DL

Tot Ion:114 Resp: 1223361
Ion Ratio Lower Upper
114 100
63 17.0 0.0 36.6
88 14.9 0.0 29.0

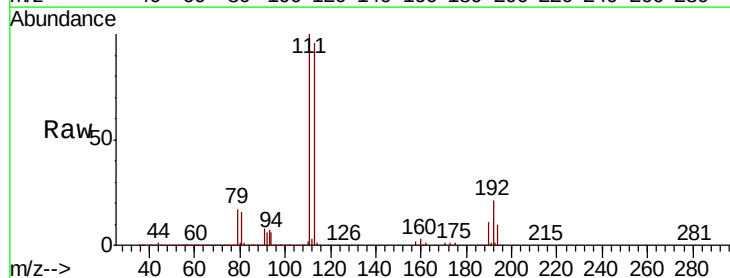


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

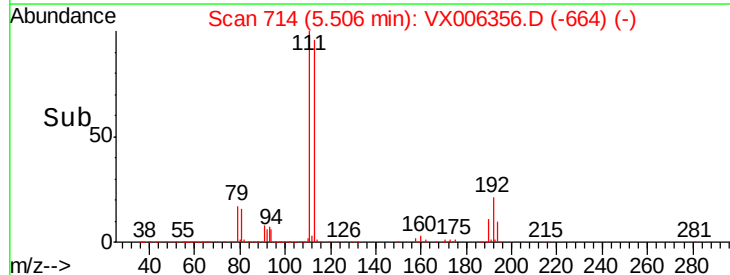
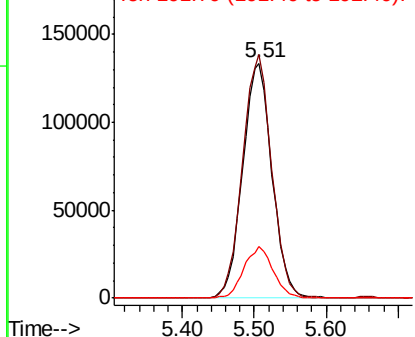


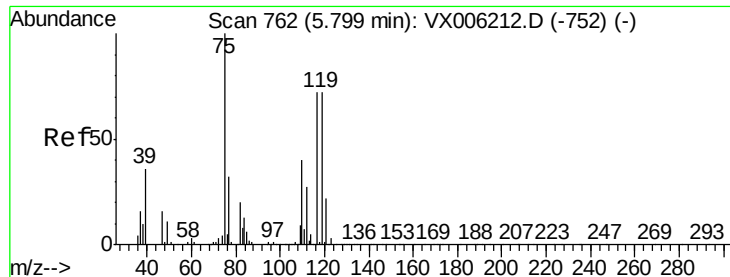
#35
Dibromofluoromethane
Concen: 47.599 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006356.D
Acq: 07 Dec 2018 19:11

Tgt Ion:113 Resp: 377021
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 22.0 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

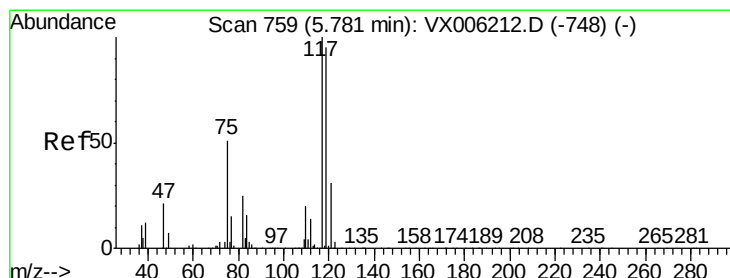
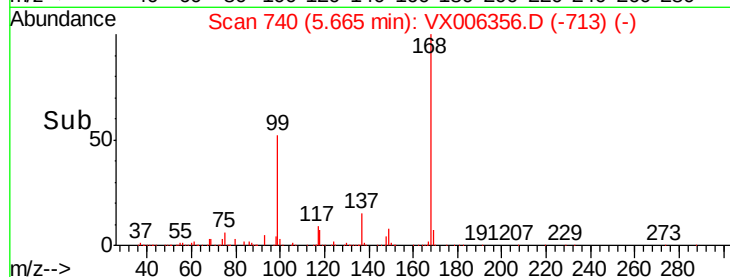
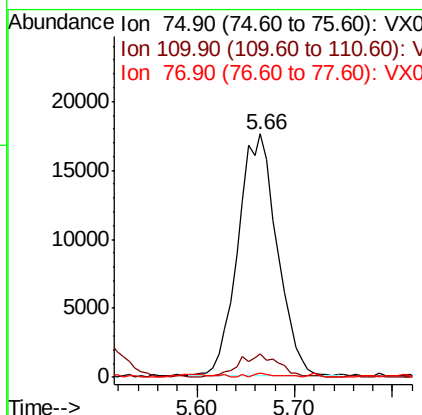
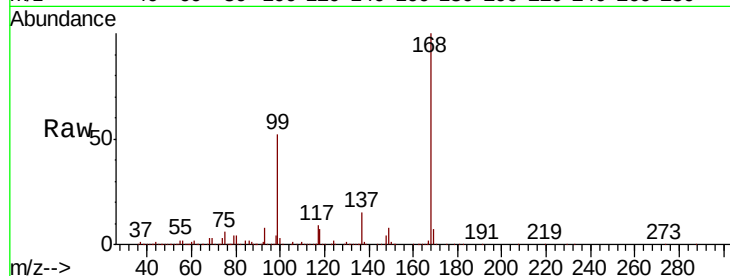




#36
 1,1-Dichloropropene
 Concen: 4.681 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006356.D
 Acq: 07 Dec 2018 19:11

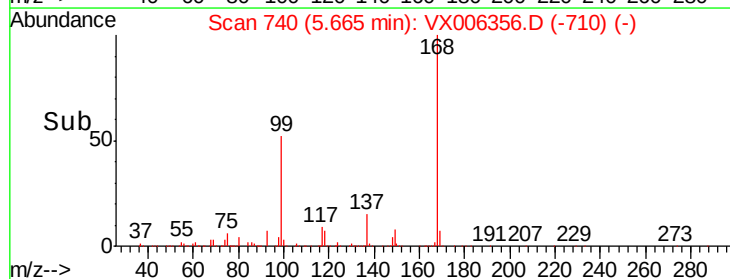
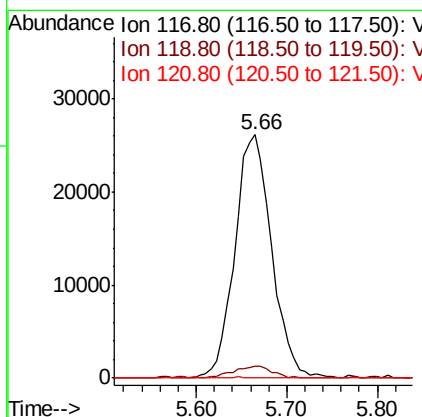
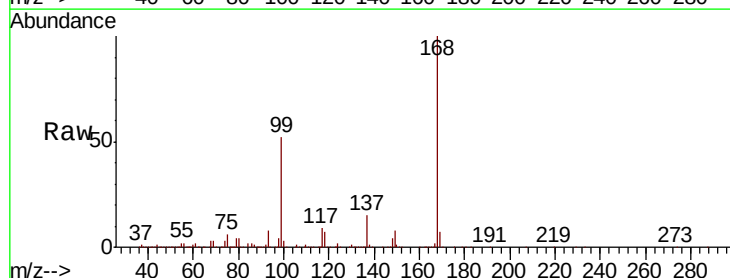
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305I-20181205DL

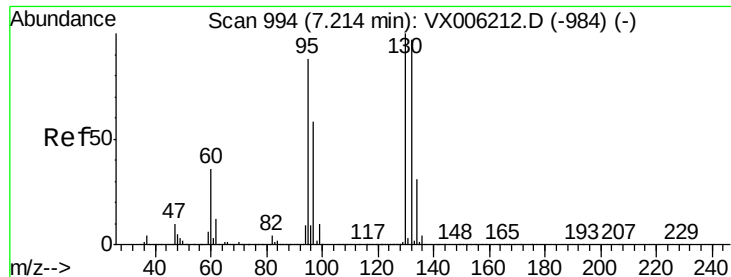
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	20.4	61.3#
77	1.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.056 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006356.D
 Acq: 07 Dec 2018 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.8	113.8#
121	0.0	24.6	37.0#





#44

Trichloroethene

Concen: 42.692 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006356.D

Acq: 07 Dec 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

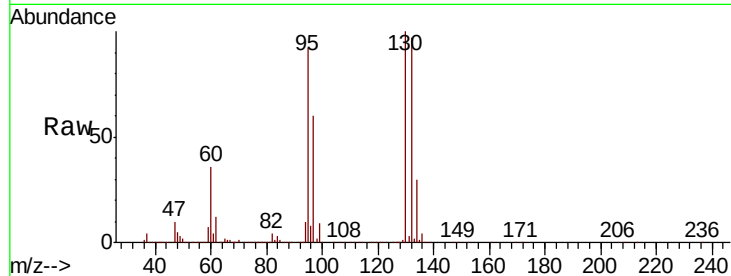
BPS1-TT-MW305I-20181205DL

Tot Ion:130 Resp: 399059

Ion Ratio Lower Upper

130 100

95 92.4 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

200000

150000

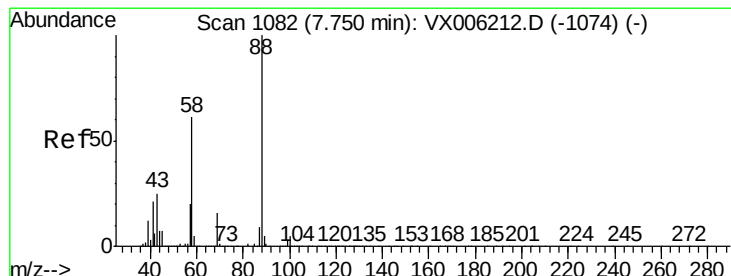
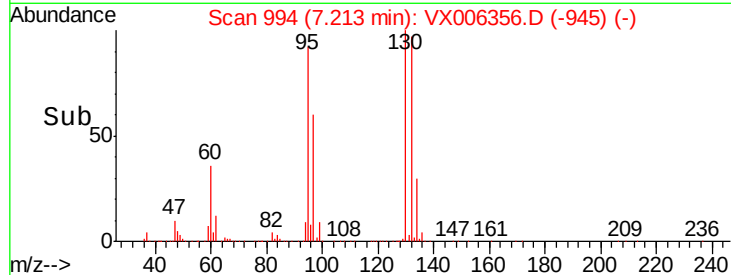
100000

50000

0

7.10 7.20 7.30

Time-->



#49

1,4-Dioxane

Concen: 0.963 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006356.D

Acq: 07 Dec 2018 19:11

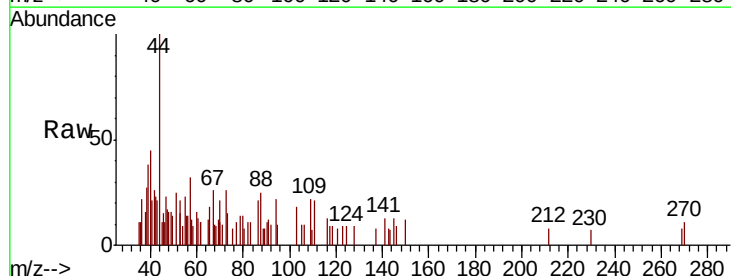
Tgt Ion: 88 Resp: 222

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 0.0 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

400

300

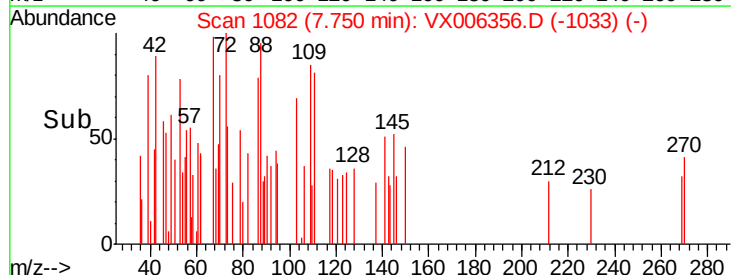
200

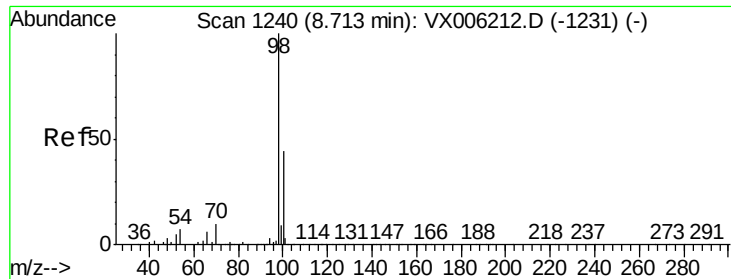
100

0

7.72 7.74 7.76

Time-->

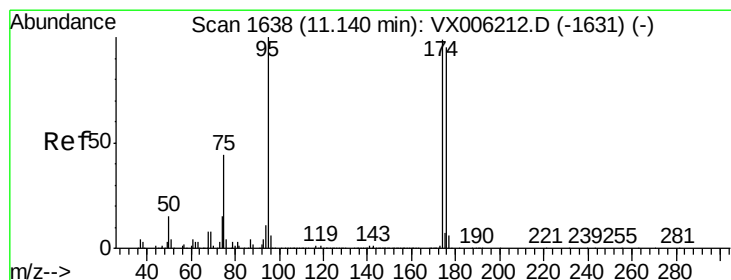
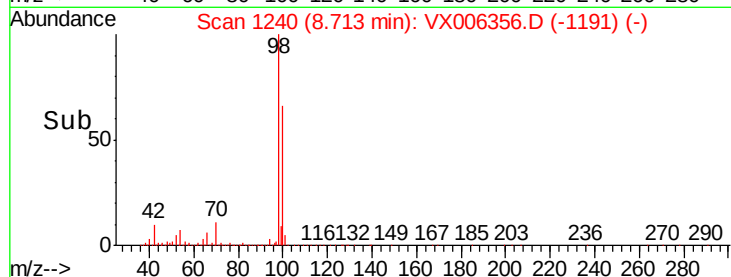
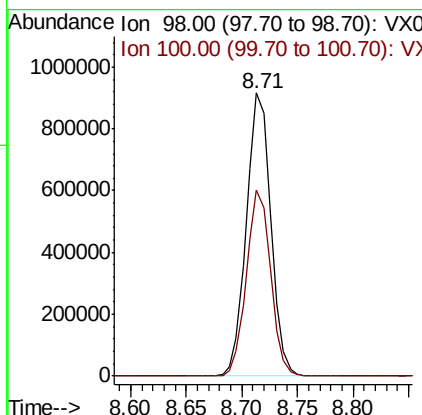
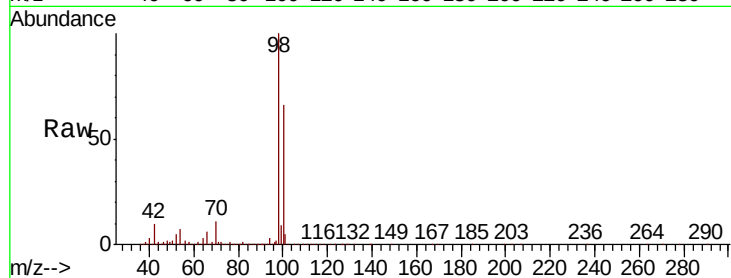




#50
Toluene-d8
Concen: 48.646 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006356.D
Acq: 07 Dec 2018 19:11

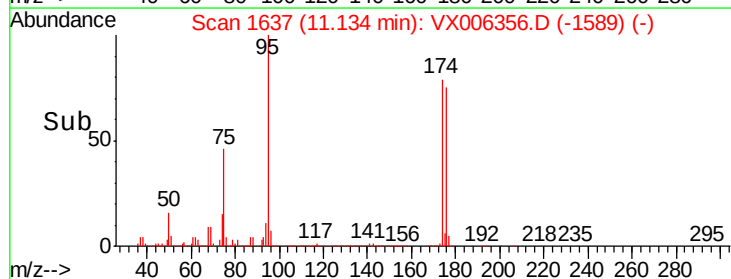
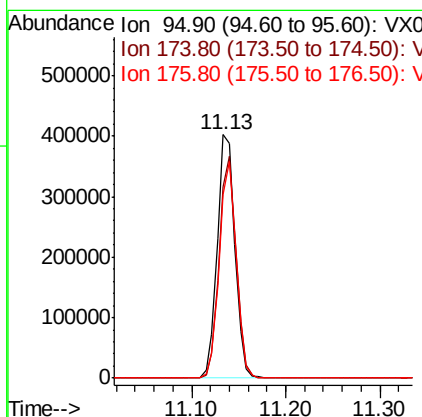
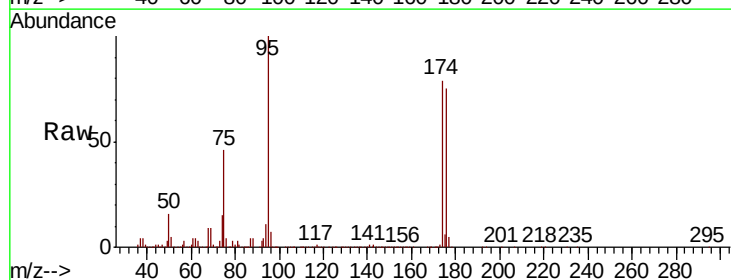
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MSVOA_X
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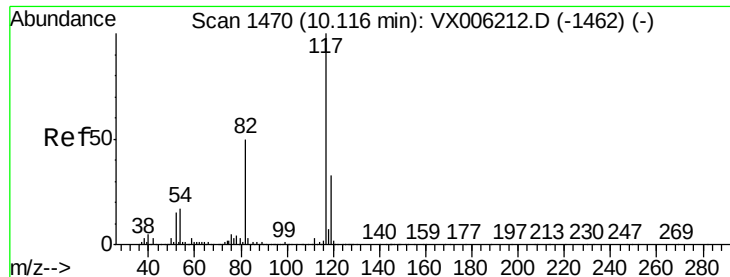
Tot Ion: 98 Resp: 1401542
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.365 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006356.D
Acq: 07 Dec 2018 19:11

Tgt Ion: 95 Resp: 525092
Ion Ratio Lower Upper
95 100
174 87.8 0.0 187.0
176 85.6 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: VX006356.D

Acq: 07 Dec 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20181205DL

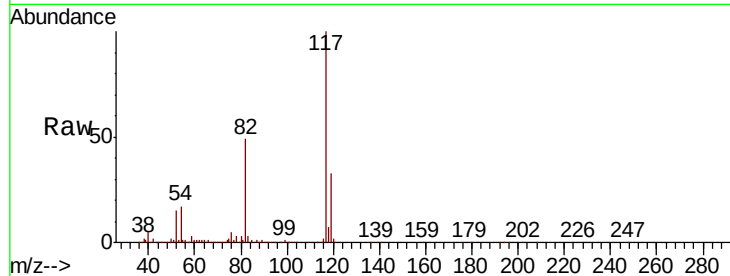
Tot Ion:117 Resp: 1105749

Ion Ratio Lower Upper

117 100

82 49.4 39.6 59.4

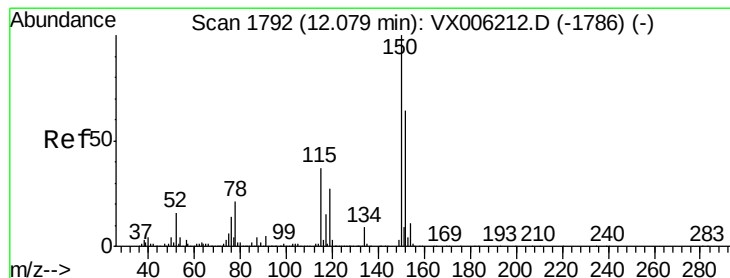
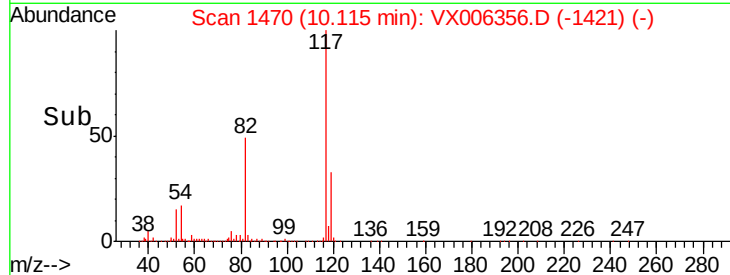
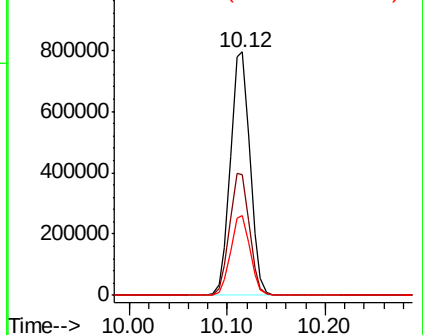
119 32.8 26.3 39.5



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006356.D

Acq: 07 Dec 2018 19:11

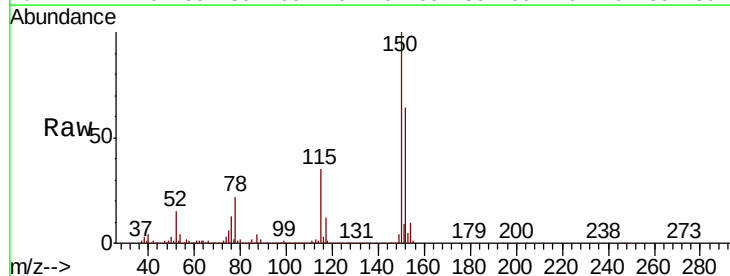
Tgt Ion:152 Resp: 535975

Ion Ratio Lower Upper

152 100

115 56.0 39.0 116.9

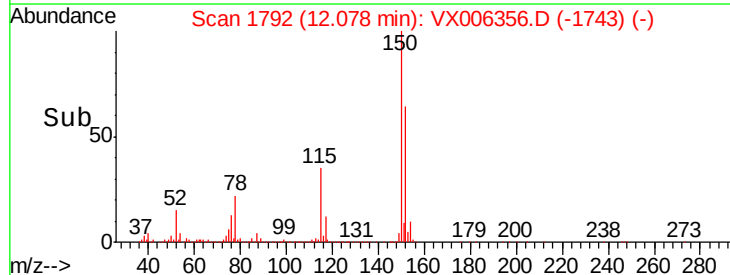
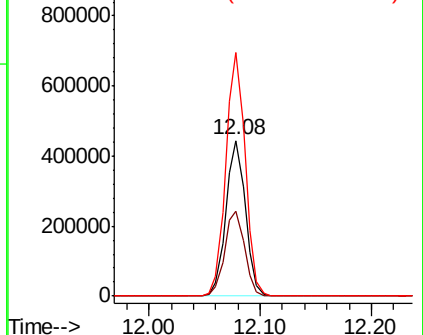
150 156.3 0.0 345.8

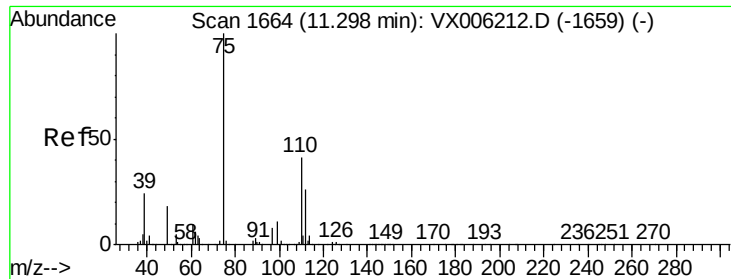


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

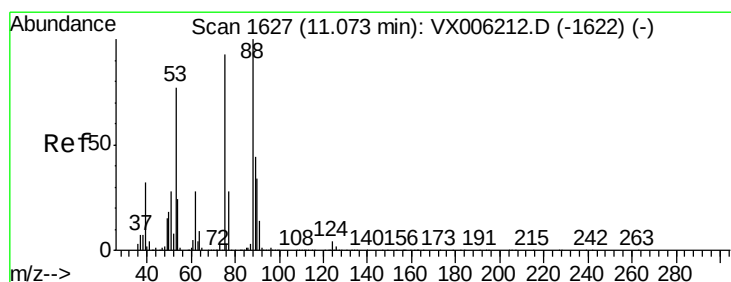
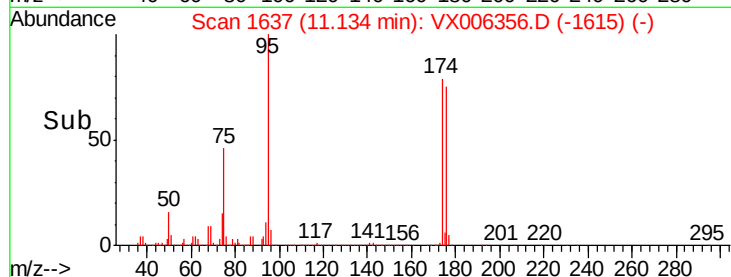
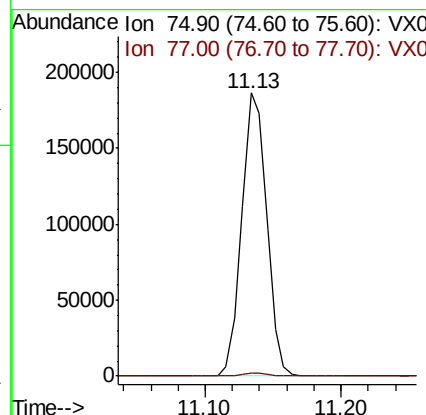
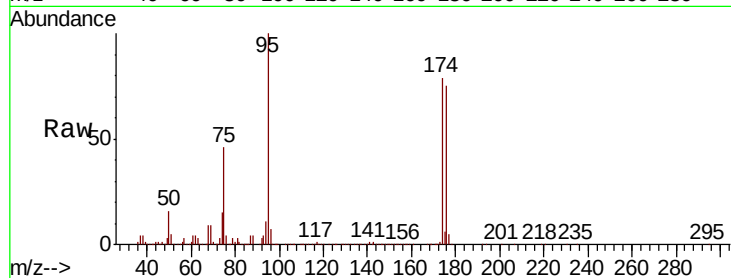




#76
 1,2,3-Trichloropropane
 Concen: 23.091 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006356.D
 Acq: 07 Dec 2018 19:11

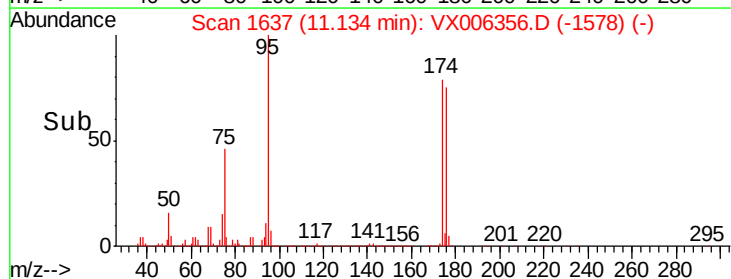
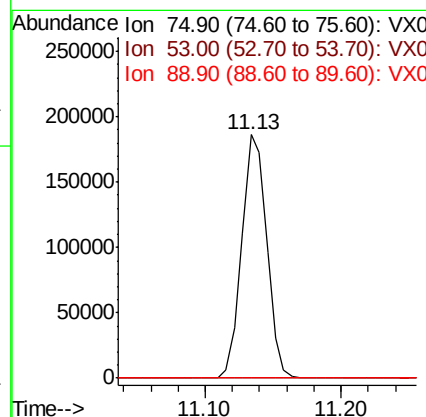
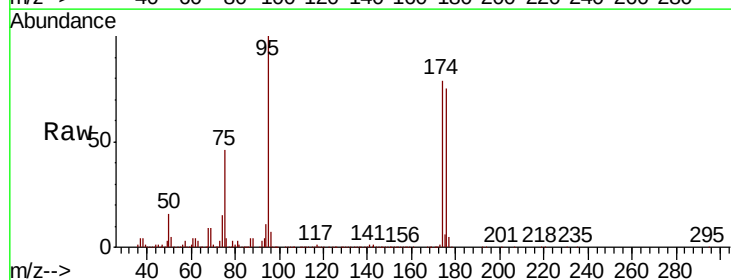
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305I-20181205DL

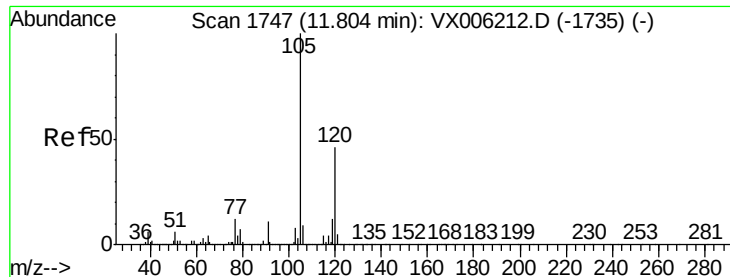
Tot Ion: 75 Resp: 238878
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.188 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006356.D
 Acq: 07 Dec 2018 19:11

Tgt Ion: 75 Resp: 238878
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 44.2 66.4#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.275 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006356.D
 Acq: 07 Dec 2018 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305I-20181205DL

Tot Ion:105 Resp: 8734
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.4 70.0

