

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006379.D
 Acq On : 10 Dec 2018 19:19
 Operator : JC/MD
 Sample : J6288-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW308I-20181206

Quant Time: Dec 11 03:59:44 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	707907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1102192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1009328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	483782	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	362544	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
35) Dibromofluoromethane	5.50	113	337324	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
50) Toluene-d8	8.71	98	1281234	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	477195	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	

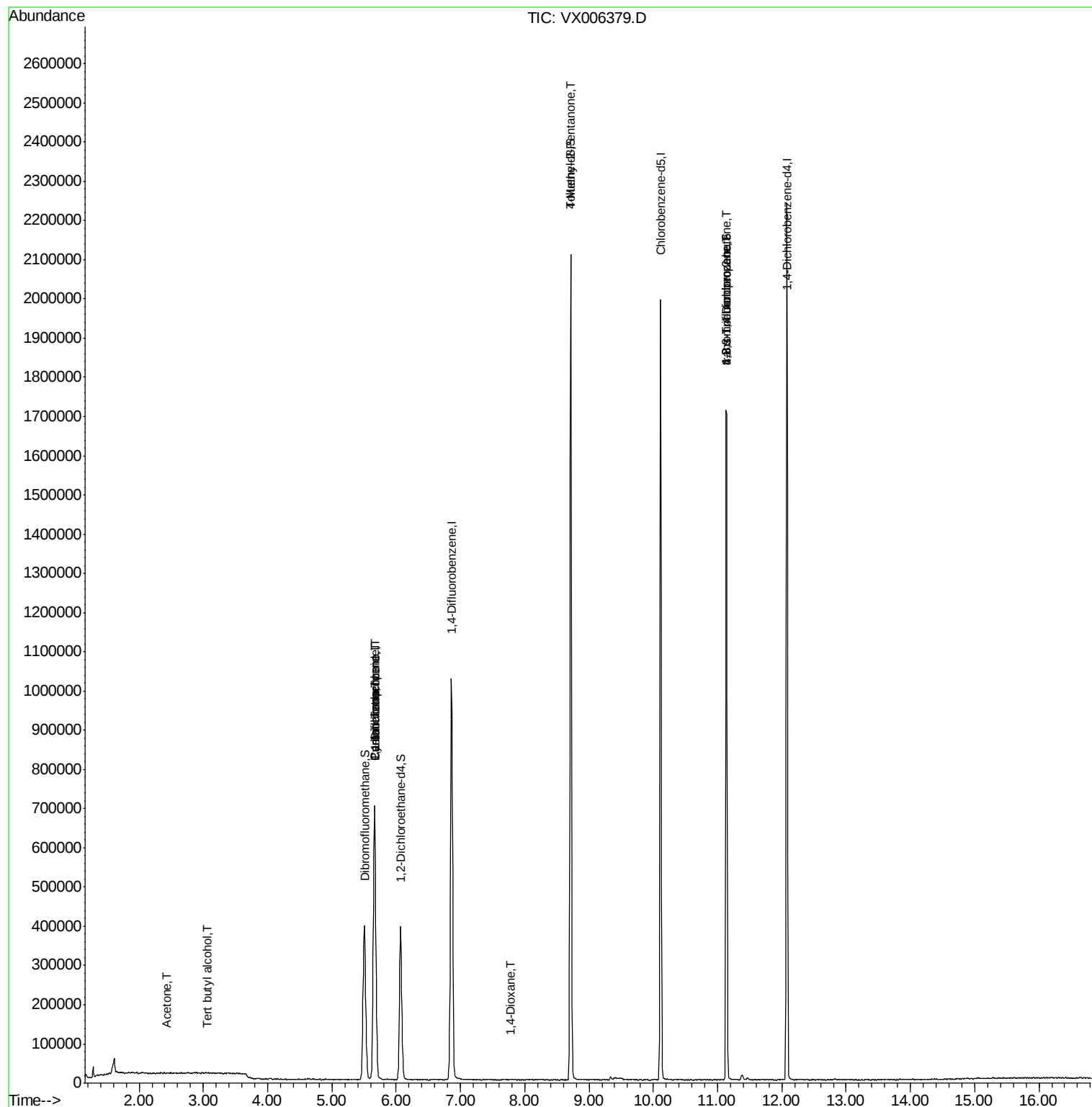
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	3240	1.639	ug/l #	91
16) Acetone	2.43	43	1226	0.362	ug/l #	71
31) Cyclohexane	5.67	56	10635	1.019	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	44744	4.821	ug/l #	49
38) Carbon Tetrachloride	5.67	117	65292	5.980	ug/l #	16
49) 1,4-Dioxane	7.77	88	49	0.236	ug/l #	1
51) 4-Methyl-2-Pentanone	8.72	43	5357	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	214920	23.016	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	214920	54.013	ug/l #	15

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

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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



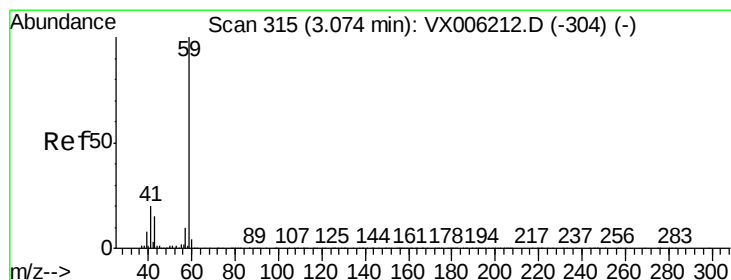
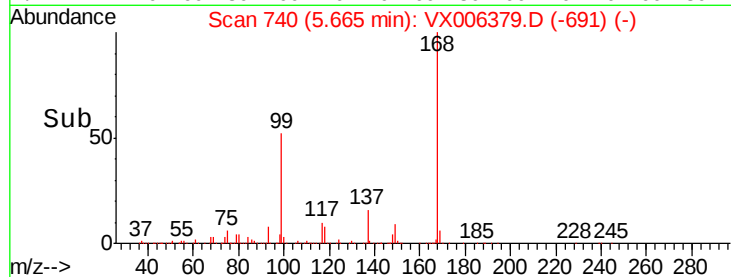
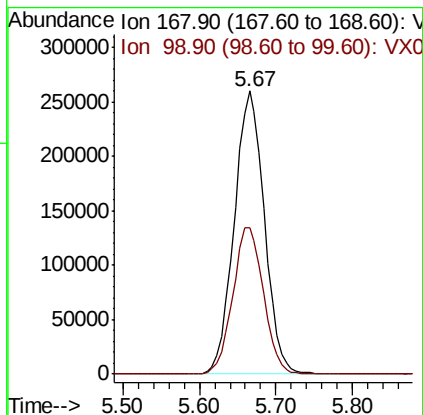
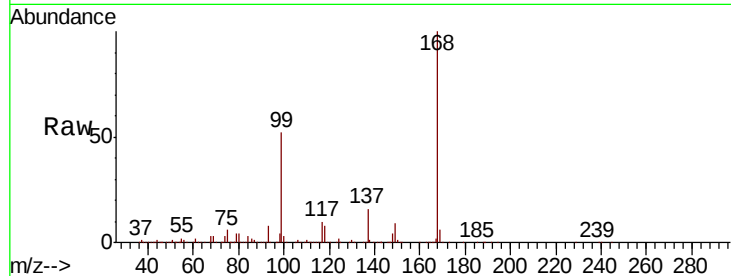


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX006379.D
 Acq: 10 Dec 2018 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW308I-20181206

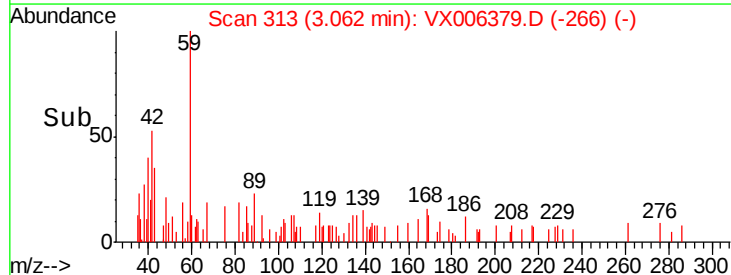
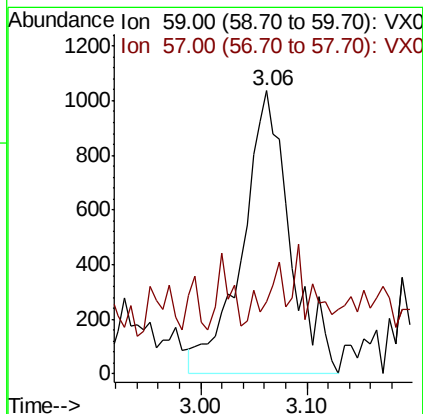
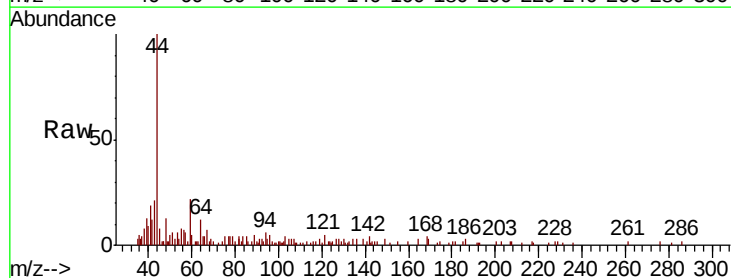
Tot Ion:168 Resp: 707907
 Ion Ratio Lower Upper
 168 100
 99 51.8 37.8 56.8

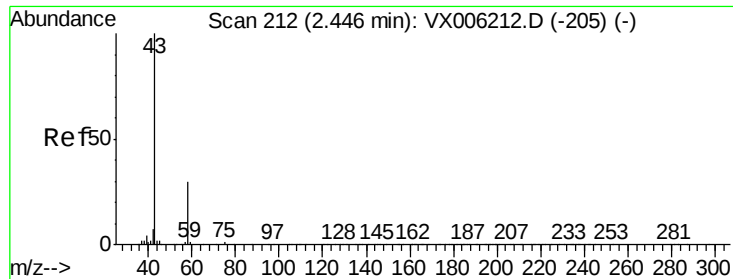


#11

Tert butyl alcohol
 Concen: 1.639 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX006379.D
 Acq: 10 Dec 2018 19:19

Tgt Ion: 59 Resp: 3240
 Ion Ratio Lower Upper
 59 100
 57 6.8 8.2 12.2#





#16

Acetone

Concen: 0.362 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.01 min

Lab File: VX006379.D

Acq: 10 Dec 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

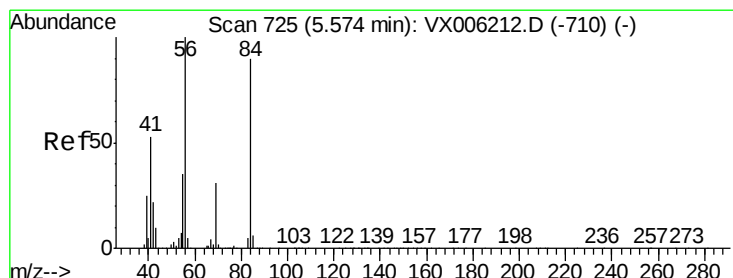
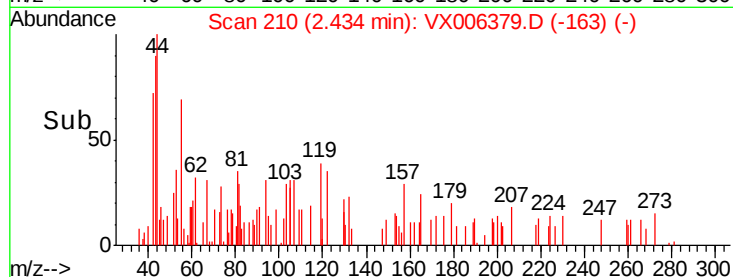
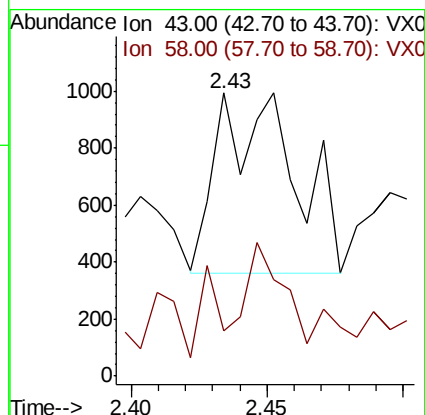
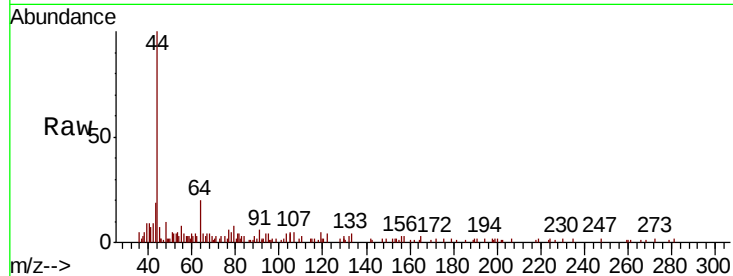
BPS1-TT-MW308I-20181206

Tot Ion: 43 Resp: 1226

Ion Ratio Lower Upper

43 100

58 14.4 24.0 36.0#



#31

Cyclohexane

Concen: 1.019 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX006379.D

Acq: 10 Dec 2018 19:19

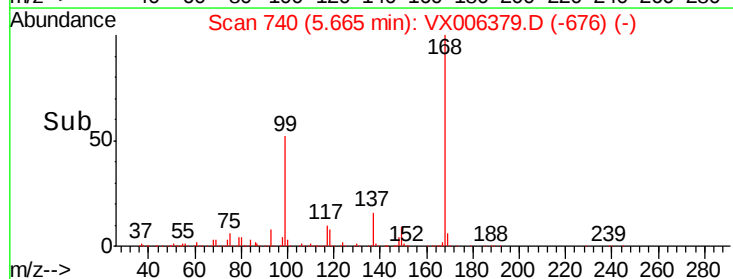
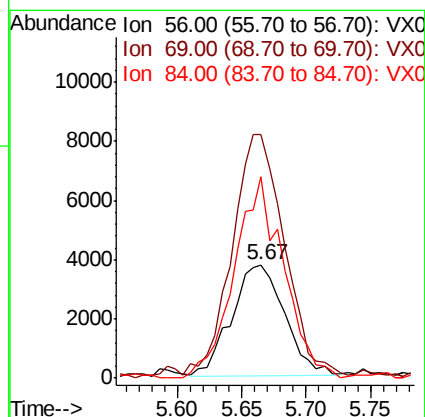
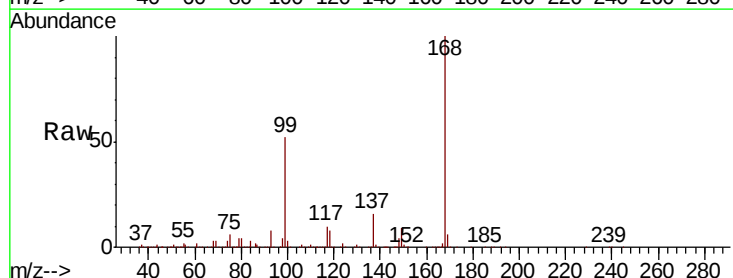
Tgt Ion: 56 Resp: 10635

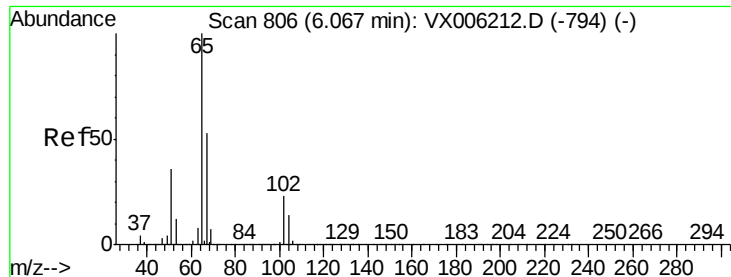
Ion Ratio Lower Upper

56 100

69 215.6 24.5 36.7#

84 183.2 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 50.168 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006379.D

Acq: 10 Dec 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

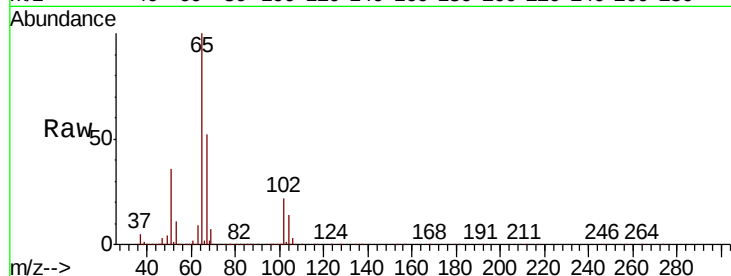
BPS1-TT-MW308I-20181206

Tot Ion: 65 Resp: 362544

Ion Ratio Lower Upper

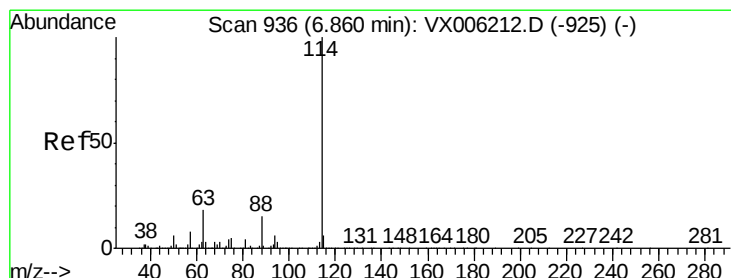
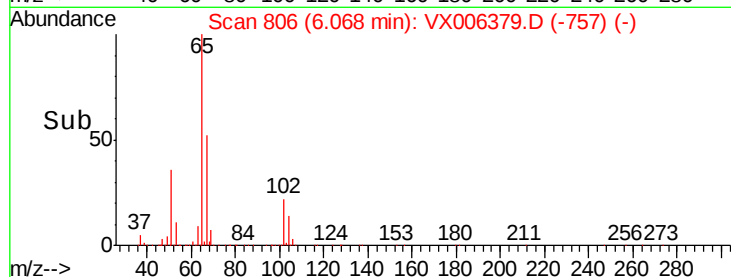
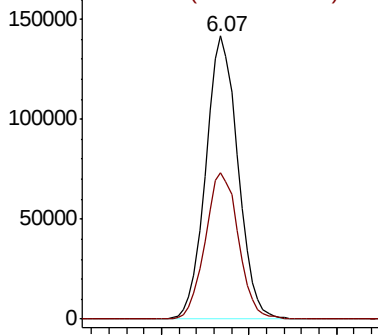
65 100

67 53.0 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: VX006379.D

Acq: 10 Dec 2018 19:19

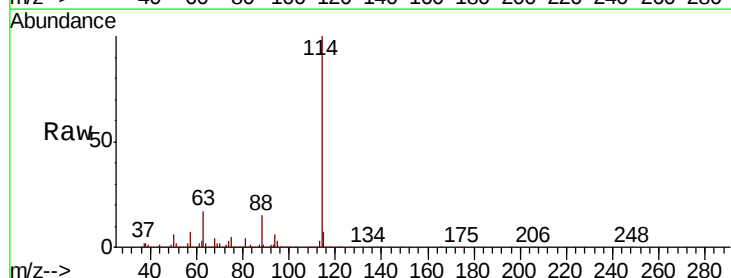
Tgt Ion: 114 Resp: 1102192

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

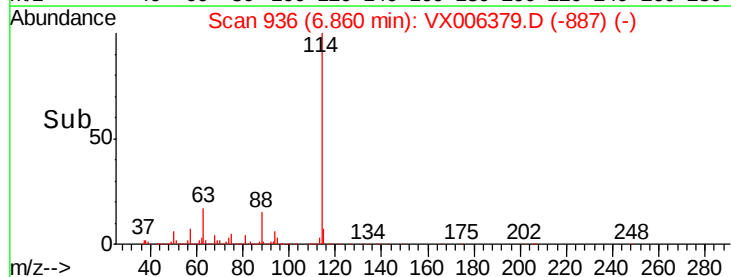
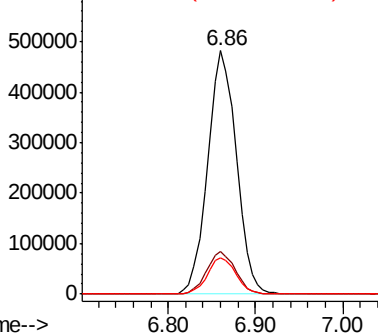
88 14.8 0.0 29.0

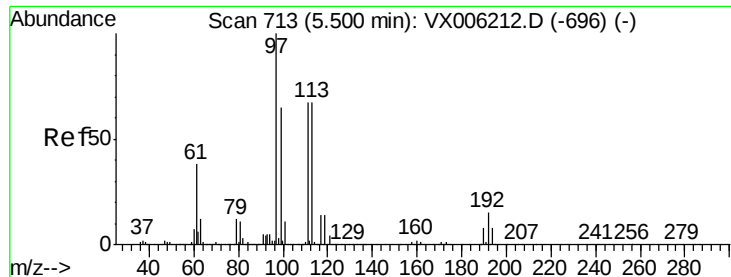


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.269 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006379.D

Acq: 10 Dec 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW308I-20181206

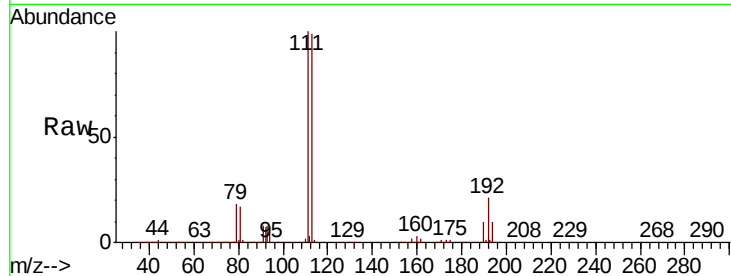
Tot Ion:113 Resp: 337324

Ion Ratio Lower Upper

113 100

111 103.4 81.1 121.7

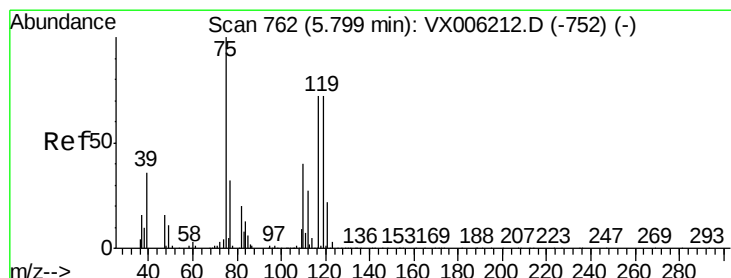
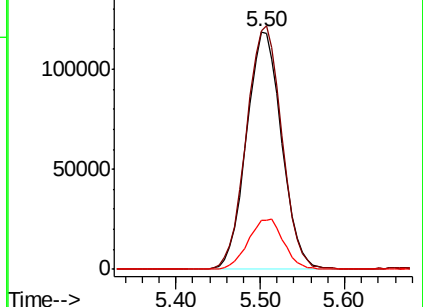
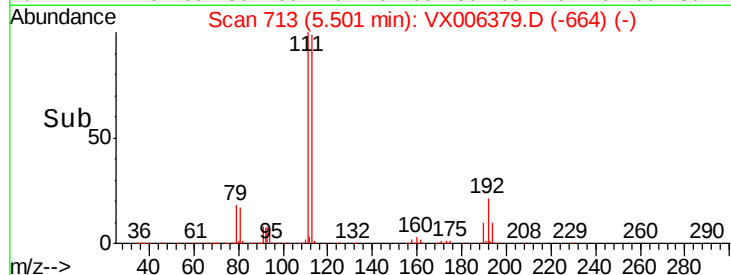
192 21.6 18.2 27.2



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: 4.821 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006379.D

Acq: 10 Dec 2018 19:19

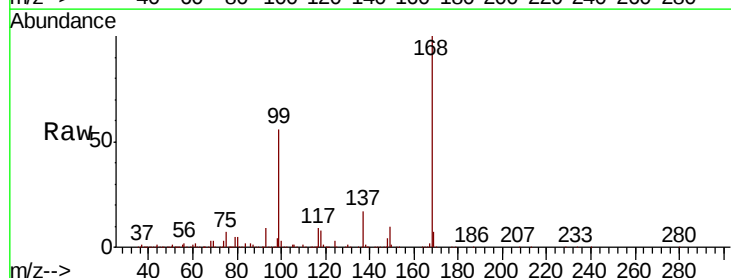
Tgt Ion: 75 Resp: 44744

Ion Ratio Lower Upper

75 100

110 11.3 20.4 61.3#

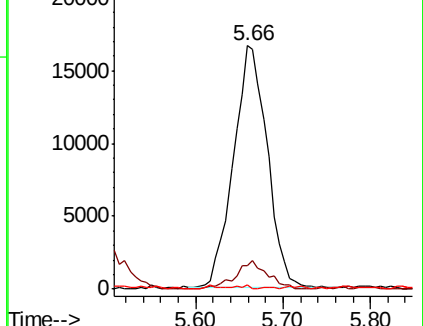
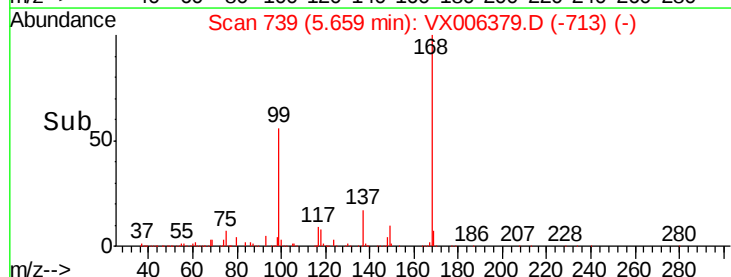
77 0.5 24.9 37.3#

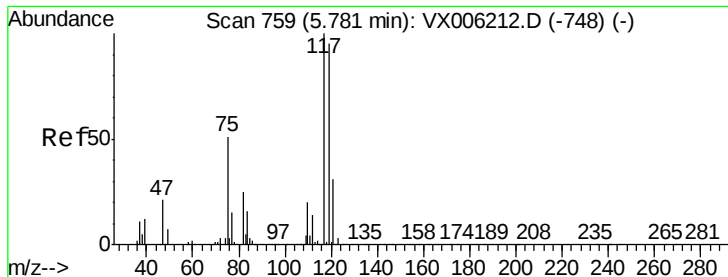


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.980 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006379.D

Acq: 10 Dec 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW308I-20181206

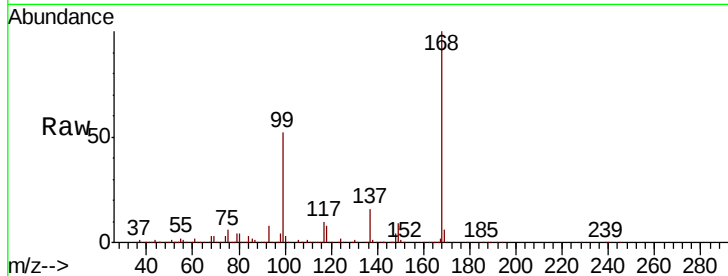
Tot Ion:117 Resp: 65292

Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.8#

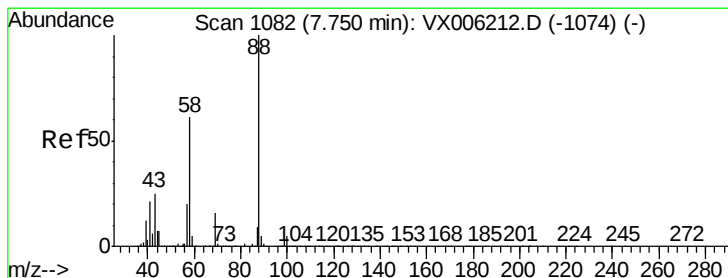
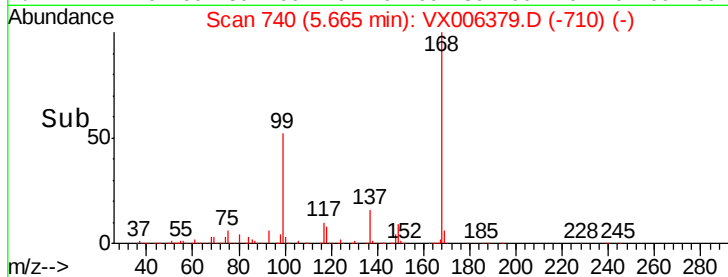
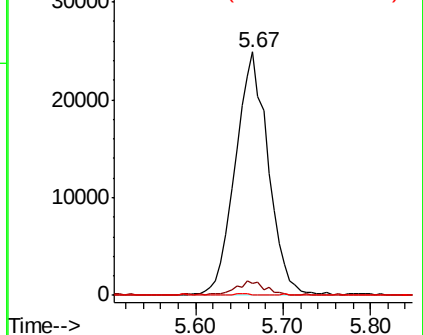
121 0.0 24.6 37.0#



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



#49

1,4-Dioxane

Concen: 0.236 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX006379.D

Acq: 10 Dec 2018 19:19

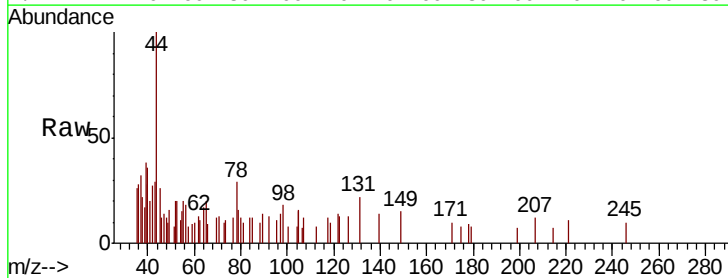
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 726.5 23.2 34.8#

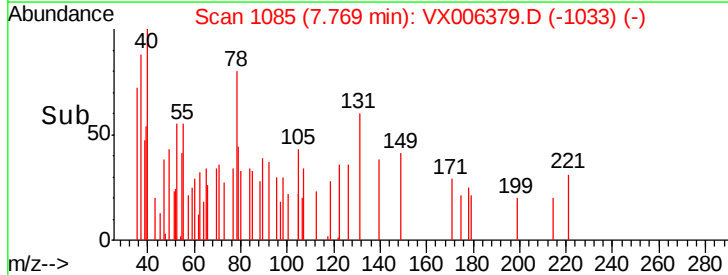
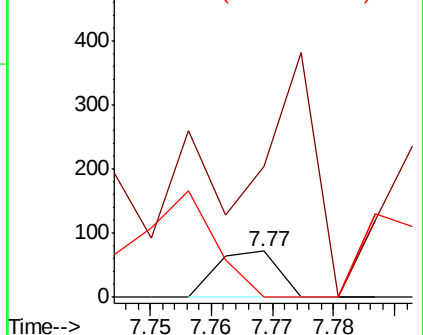
58 442.9 51.4 77.0#

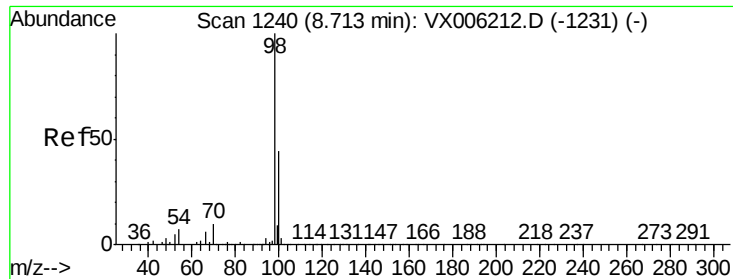


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.359 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006379.D

Acq: 10 Dec 2018 19:19

Instrument :

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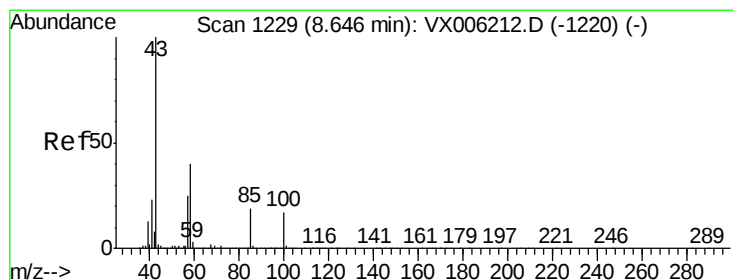
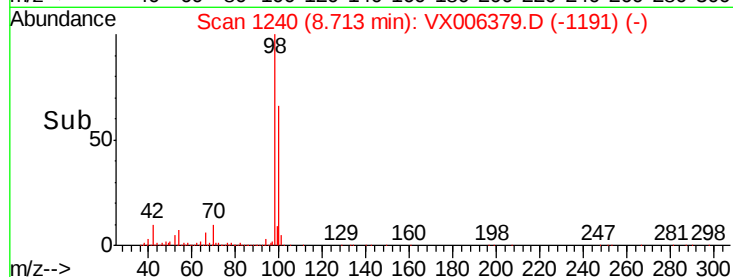
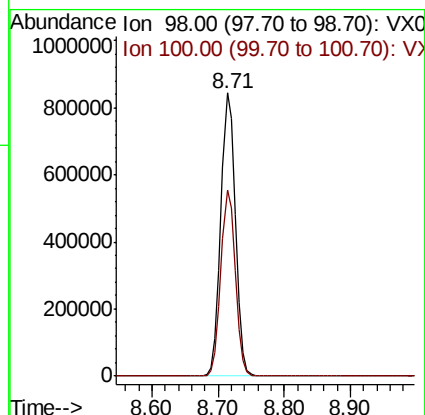
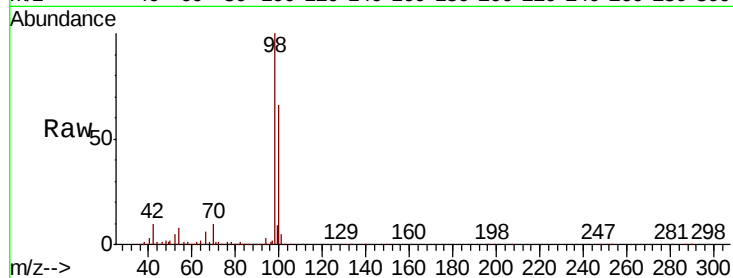
BPS1-TT-MW308I-20181206

Tot Ion: 98 Resp: 1281234

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 0.531 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.07 min

Lab File: VX006379.D

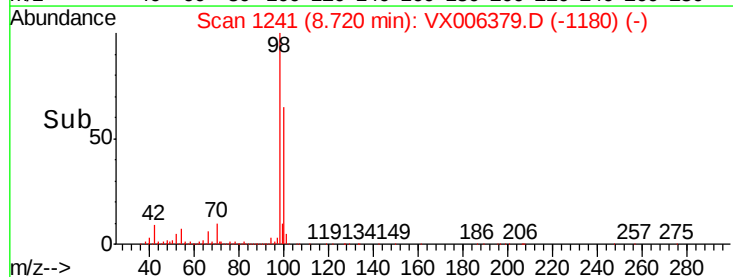
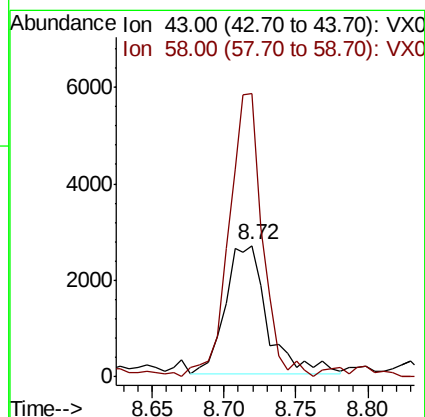
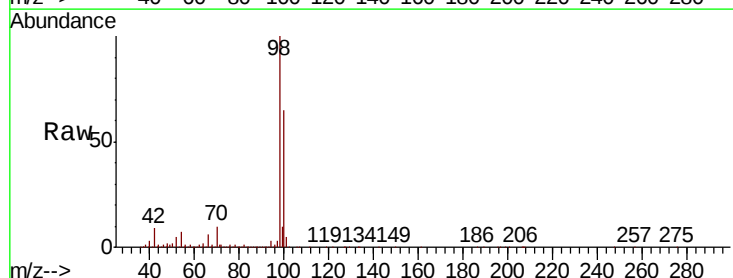
Acq: 10 Dec 2018 19:19

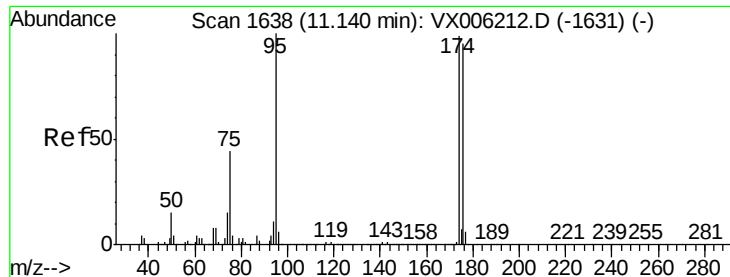
Tgt Ion: 43 Resp: 5357

Ion Ratio Lower Upper

43 100

58 177.9 31.3 46.9#





#62

4-Bromofluorobenzene

Concen: 48.785 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006379.D

Acq: 10 Dec 2018 19:19

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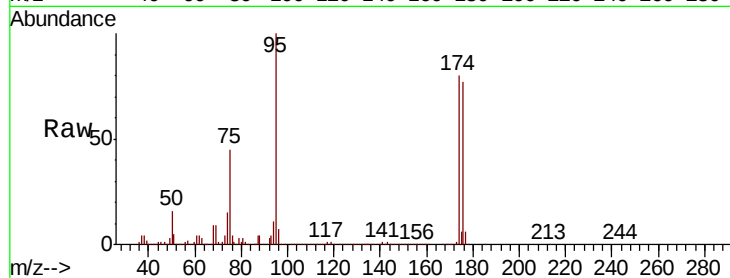
Tot Ion: 95 Resp: 477195

Ion Ratio Lower Upper

95 100

174 87.6 0.0 187.0

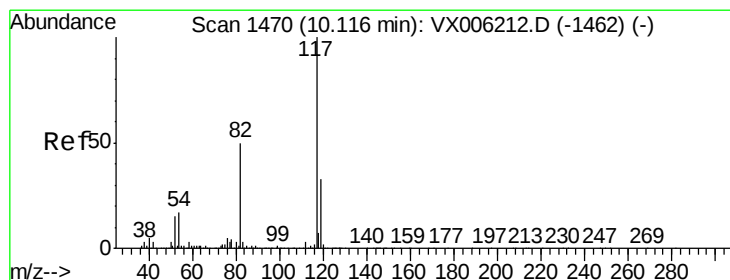
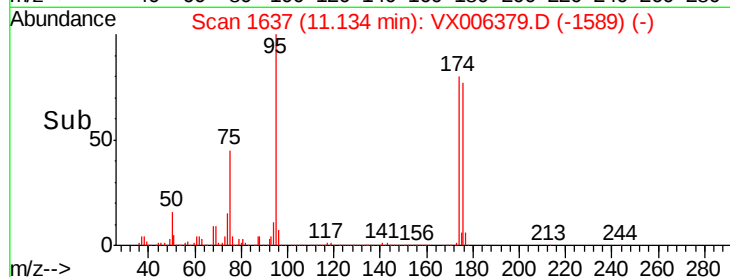
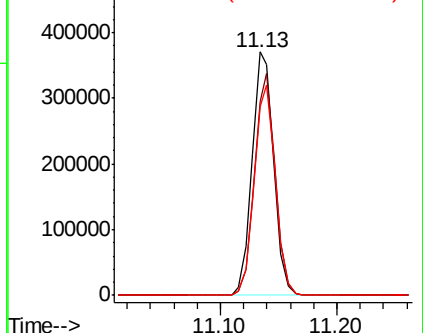
176 84.8 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006379.D

Acq: 10 Dec 2018 19:19

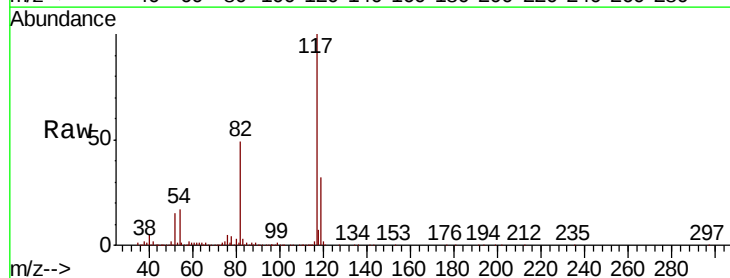
Tgt Ion: 117 Resp: 1009328

Ion Ratio Lower Upper

117 100

82 49.2 39.6 59.4

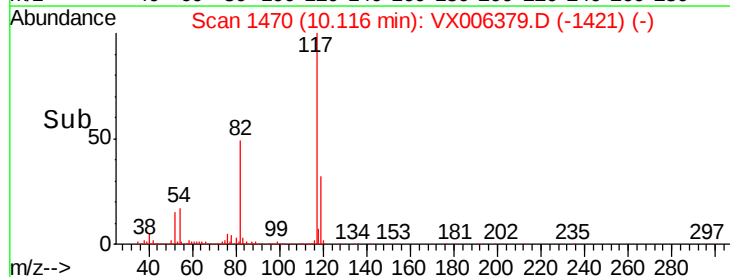
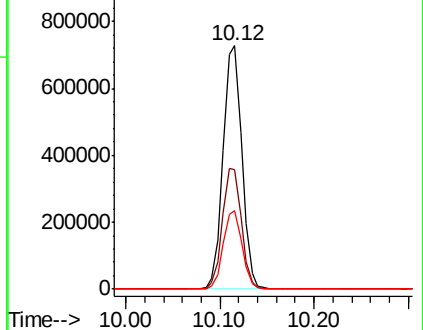
119 32.2 26.3 39.5

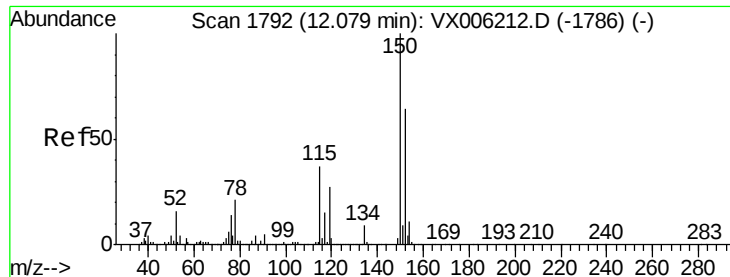


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0



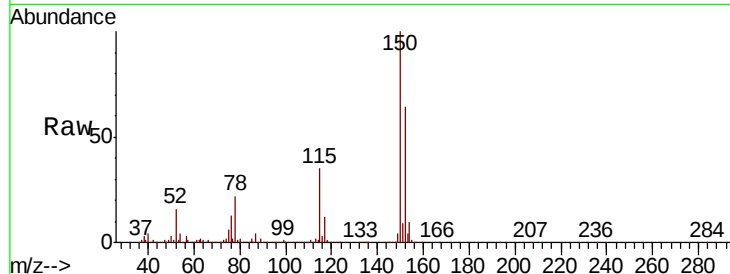


#72

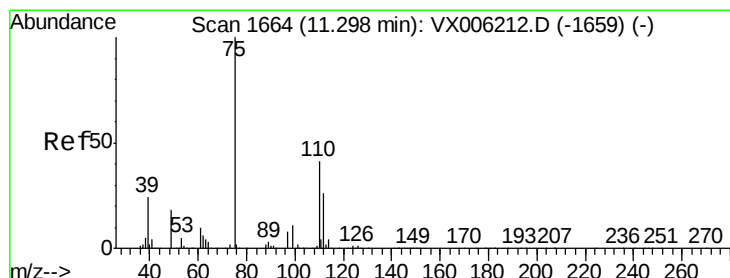
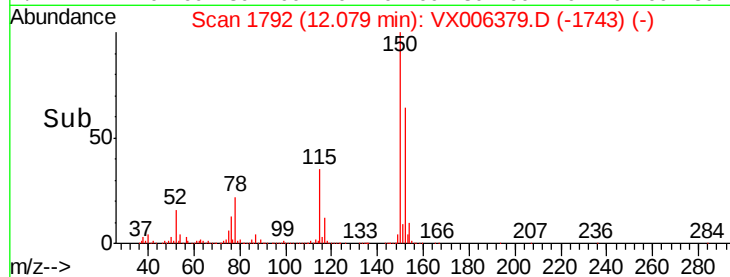
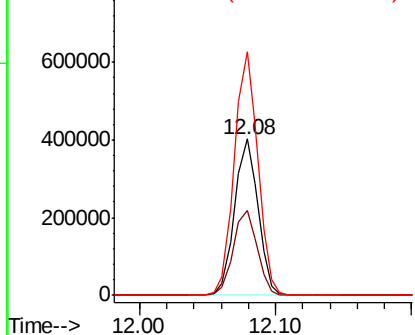
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006379.D
Acq: 10 Dec 2018 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW308I-20181206

Tot Ion:152 Resp: 483782
Ion Ratio Lower Upper
152 100
115 55.7 39.0 116.9
150 155.9 0.0 345.8



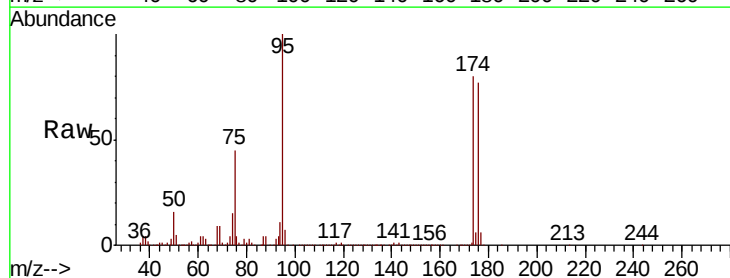
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



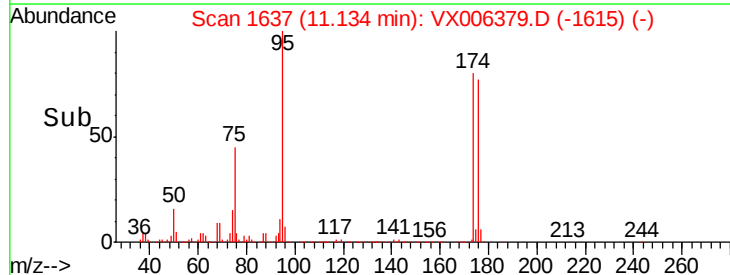
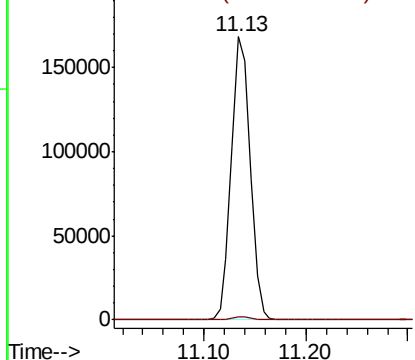
#76

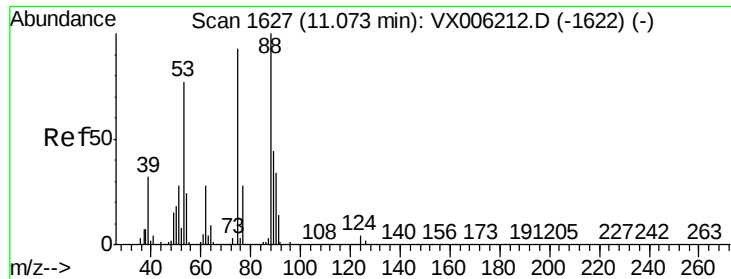
1,2,3-Trichloropropane
Concen: 23.016 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006379.D
Acq: 10 Dec 2018 19:19

Tgt Ion: 75 Resp: 214920
Ion Ratio Lower Upper
75 100
77 1.3 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: 54.013 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006379.D

Acq: 10 Dec 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW308I-20181206

Tot Ion: 75 Resp: 214920

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.0 44.2 66.4#

