

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006401.D
 Acq On : 11 Dec 2018 05:58
 Operator : JC/MD
 Sample : J6314-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW314I-20181206

Quant Time: Dec 11 07:45:52 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	681107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1071834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	980971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	461915	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	361833	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
35) Dibromofluoromethane	5.51	113	331014	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
50) Toluene-d8	8.71	98	1254421	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	469325	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	

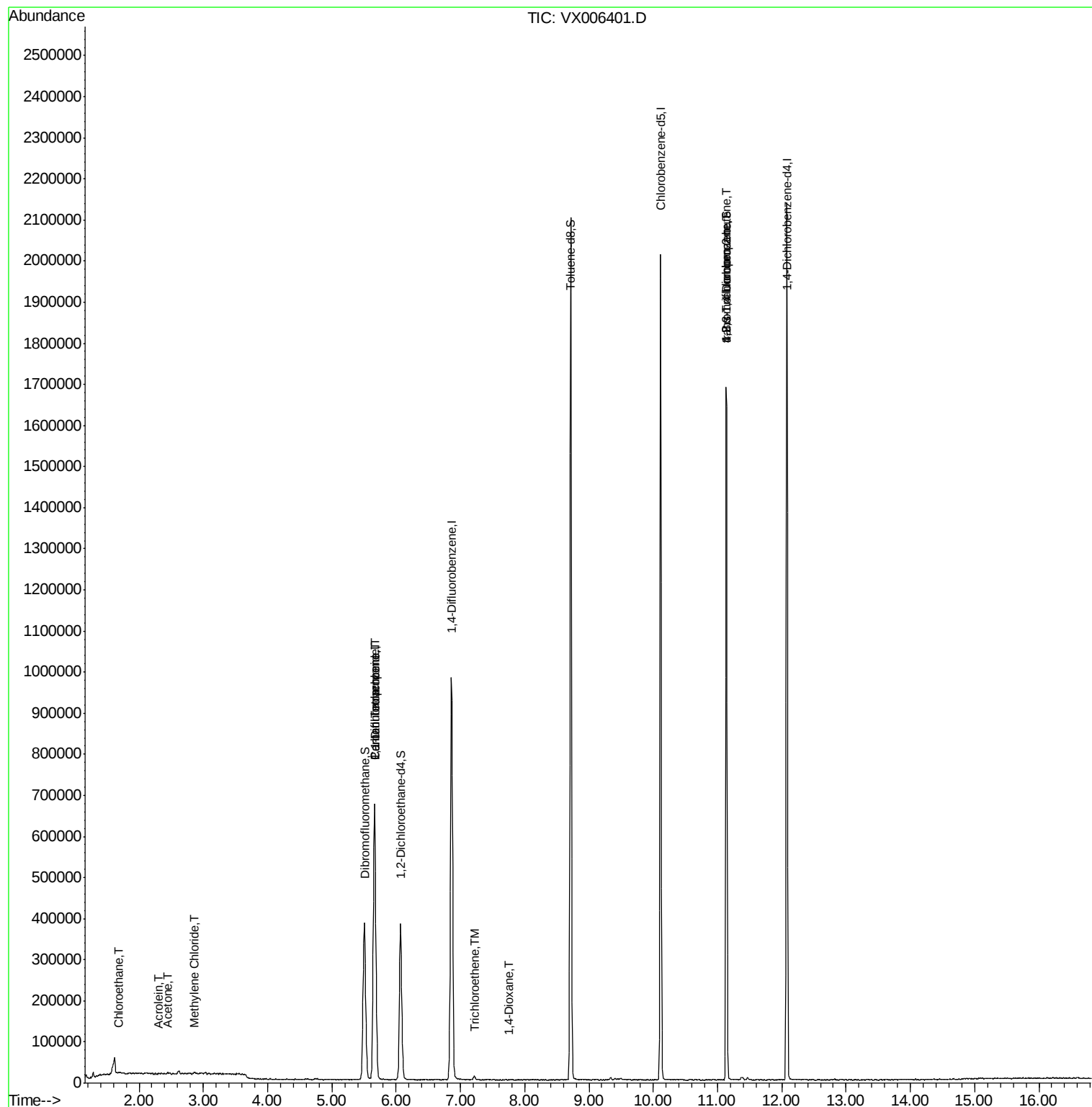
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.68	64	1264	0.279	ug/l #	42
13) Acrolein	2.29	56	307	0.295	ug/l	99
16) Acetone	2.45	43	4621	1.416	ug/l #	66
20) Methylene Chloride	2.87	84	1978	0.285	ug/l	92
36) 1,1-Dichloropropene	5.66	75	45367	5.026	ug/l #	48
38) Carbon Tetrachloride	5.67	117	63363	5.967	ug/l #	16
44) Trichloroethene	7.21	130	4041	0.493	ug/l	92
49) 1,4-Dioxane	7.74	88	195	0.965	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	214329	24.039	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	214329	56.414	ug/l #	15

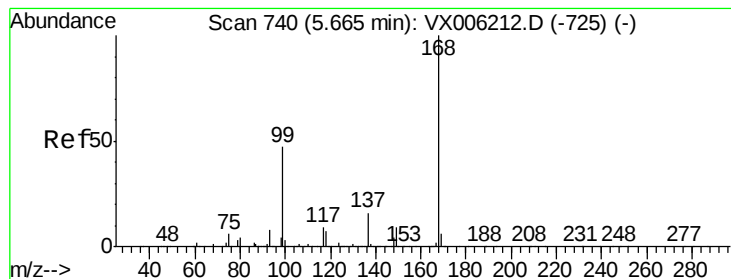
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
Data File : VX006401.D
Acq On : 11 Dec 2018 05:58
Operator : JC/MD
Sample : J6314-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW314I-20181206

Quant Time: Dec 11 07:45:52 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: VX006401.D

Acq: 11 Dec 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

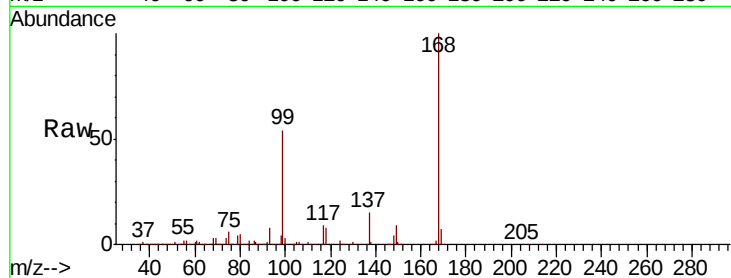
BPS1-TT-MW314I-20181206

Tot Ion:168 Resp: 681107

Ion Ratio Lower Upper

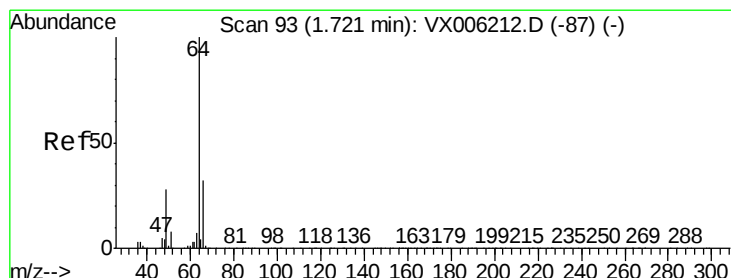
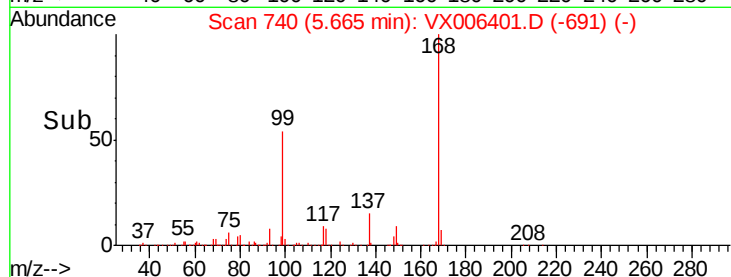
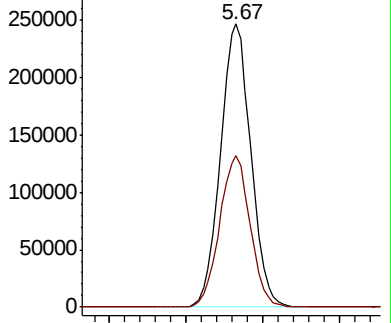
168 100

99 53.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.279 ug/l

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX006401.D

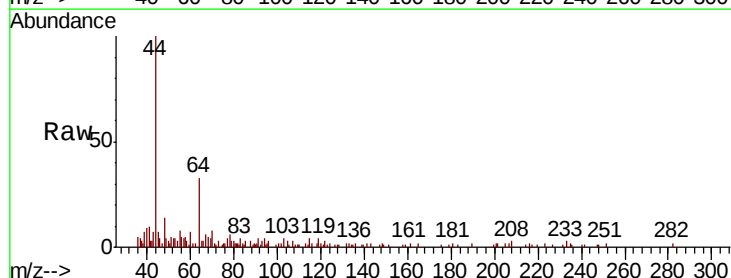
Acq: 11 Dec 2018 05:58

Tgt Ion: 64 Resp: 1264

Ion Ratio Lower Upper

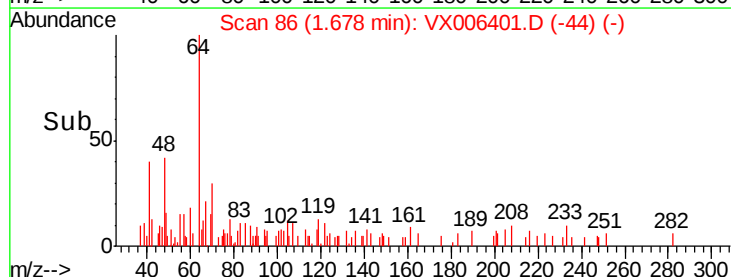
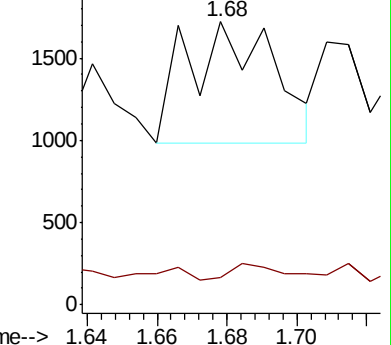
64 100

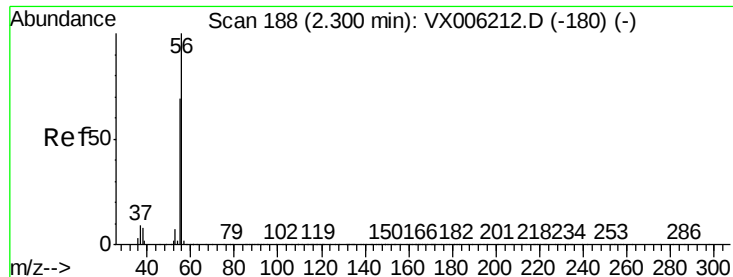
66 0.0 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#13

Acrolein

Concen: 0.295 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006401.D

Acq: 11 Dec 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

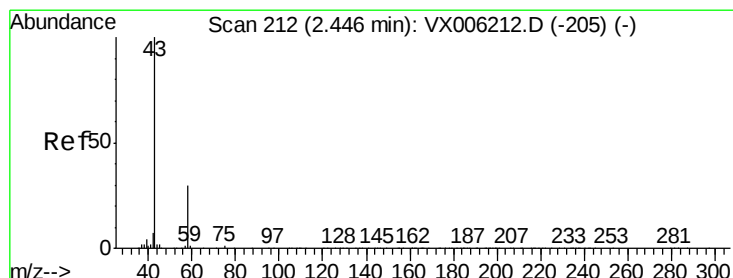
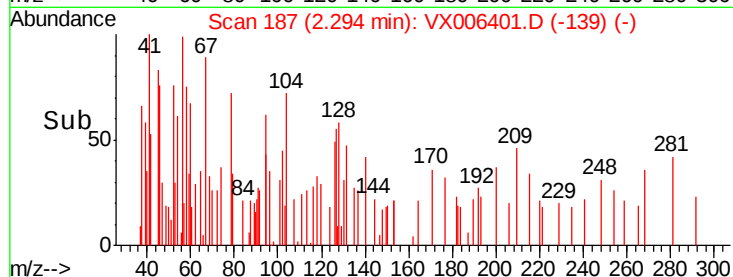
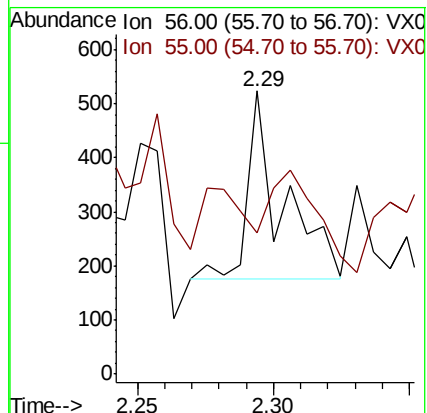
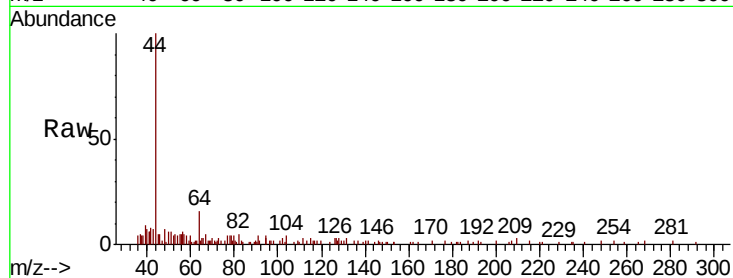
BPS1-TT-MW314I-20181206

Tot Ion: 56 Resp: 307

Ion Ratio Lower Upper

56 100

55 73.3 57.8 86.6



#16

Acetone

Concen: 1.416 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006401.D

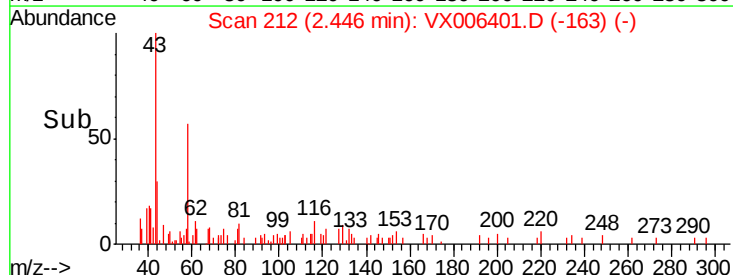
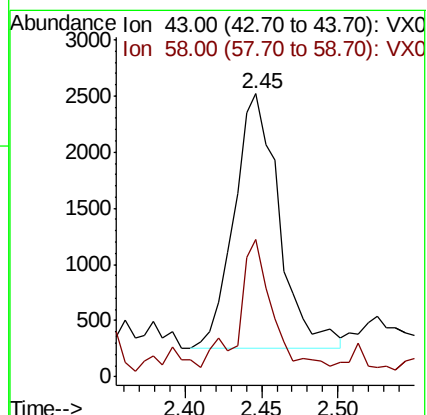
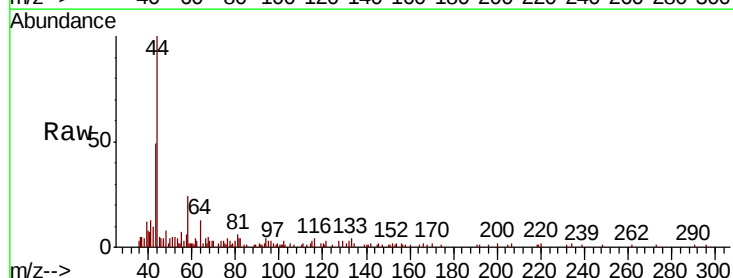
Acq: 11 Dec 2018 05:58

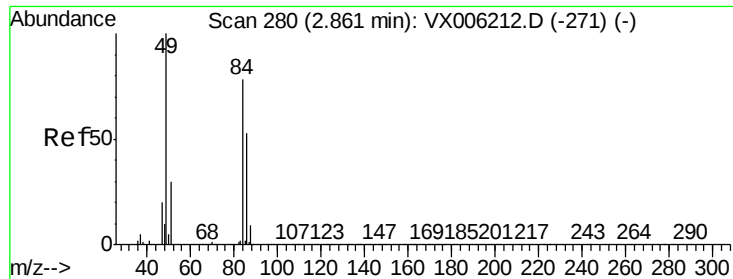
Tgt Ion: 43 Resp: 4621

Ion Ratio Lower Upper

43 100

58 48.4 24.0 36.0#

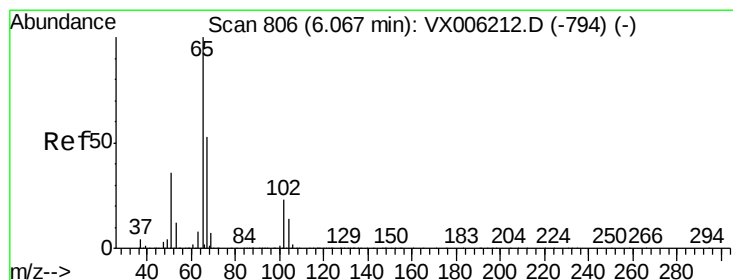
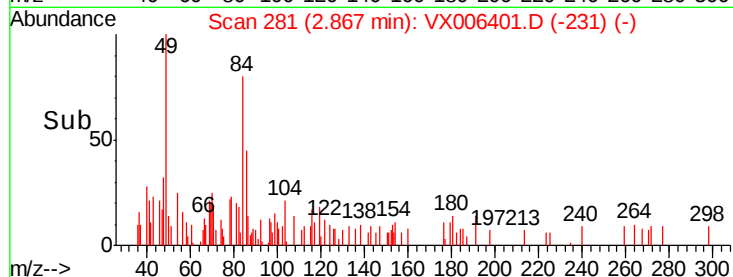
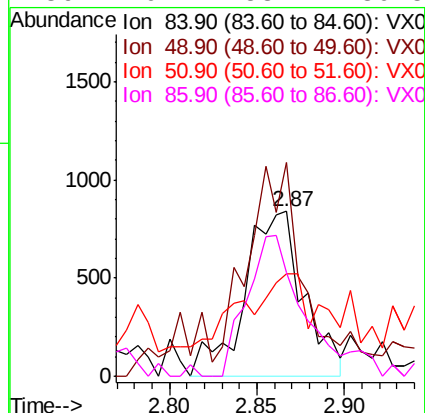
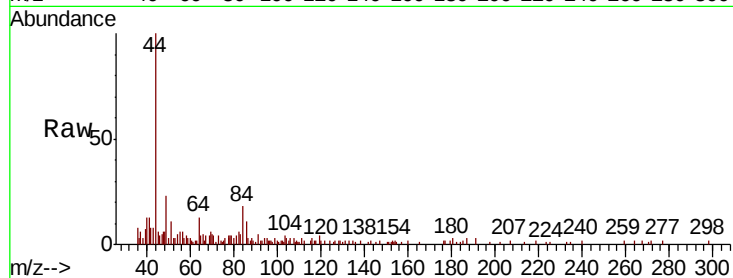




#20
Methvlene Chloride
Concen: 0.285 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006401.D
Acq: 11 Dec 2018 05:58

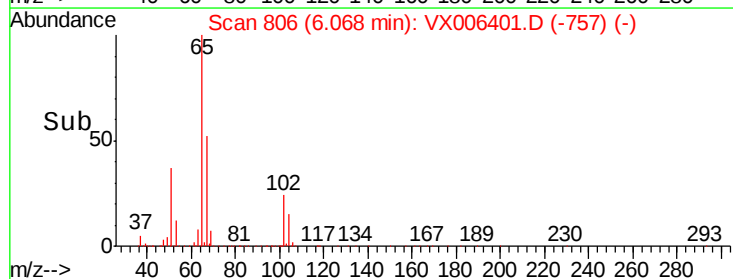
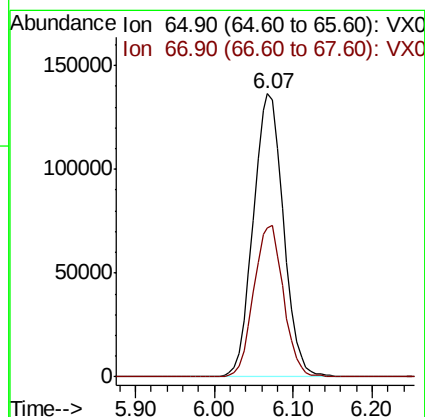
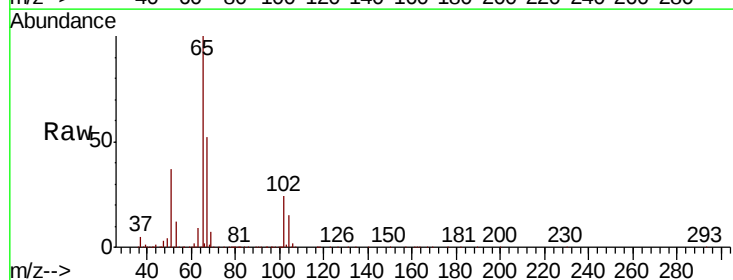
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW314I-20181206

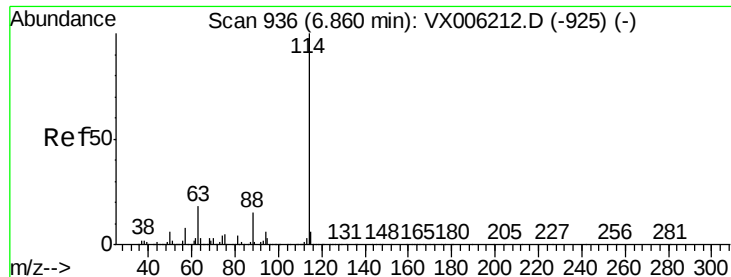
Tot Ion: 84 Resp: 1978
Ion Ratio Lower Upper
84 100
49 117.3 102.2 153.4
51 44.4 31.1 46.7
86 70.7 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 52.040 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006401.D
Acq: 11 Dec 2018 05:58

Tgt Ion: 65 Resp: 361833
Ion Ratio Lower Upper
65 100
67 52.8 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: VX006401.D

Acq: 11 Dec 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW314I-20181206

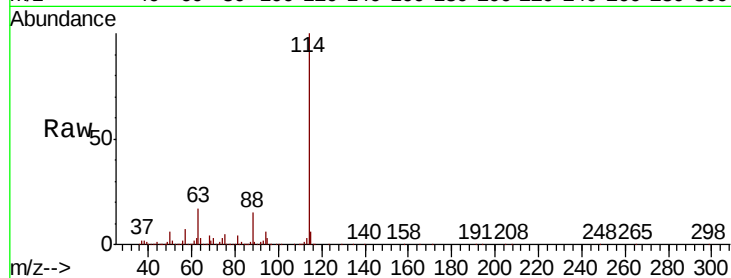
Tot Ion:114 Resp: 1071834

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

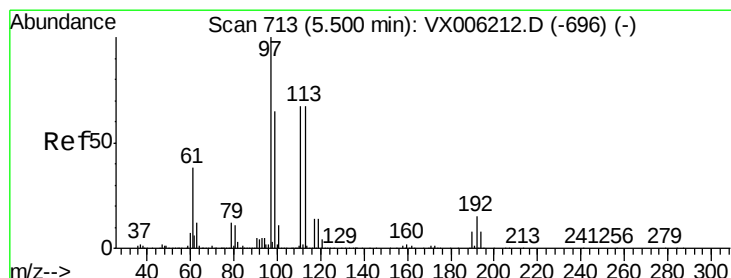
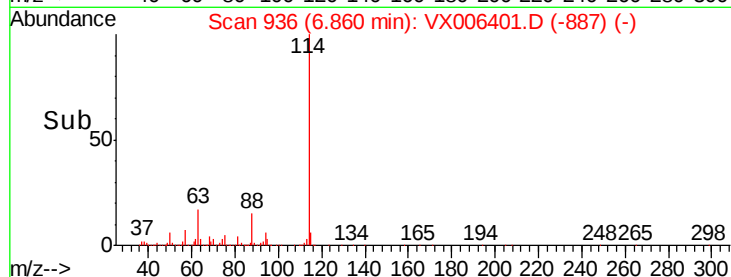
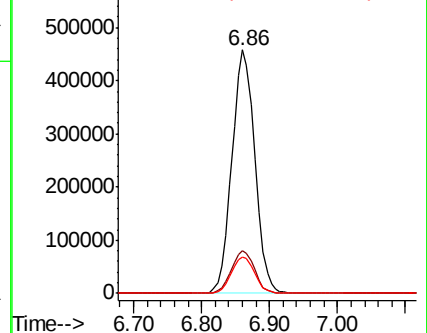
88 14.8 0.0 29.0



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: 47.699 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006401.D

Acq: 11 Dec 2018 05:58

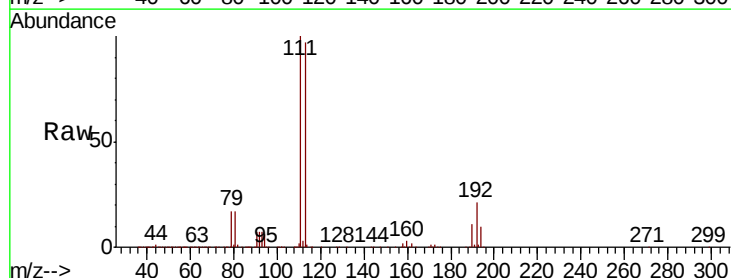
Tgt Ion:113 Resp: 331014

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

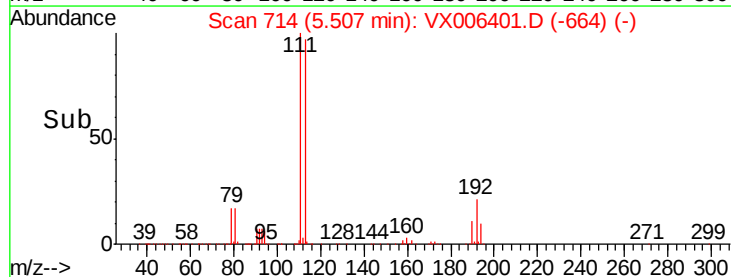
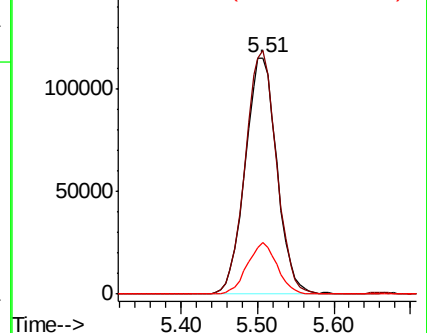
192 20.5 18.2 27.2

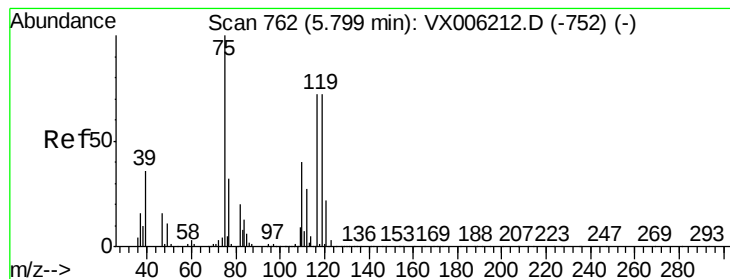


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.026 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006401.D

Acq: 11 Dec 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW314I-20181206

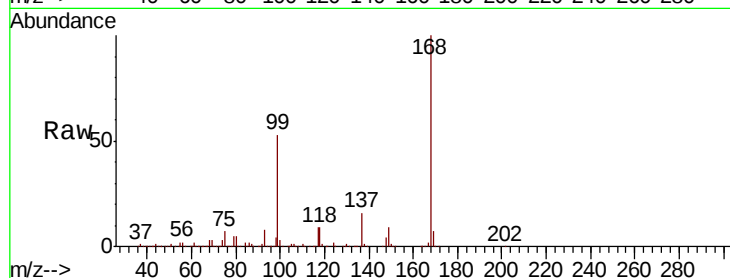
Tot Ion: 75 Resp: 45367

Ion Ratio Lower Upper

75 100

110 10.0 20.4 61.3#

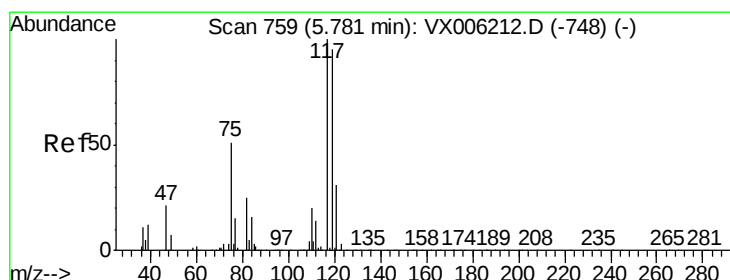
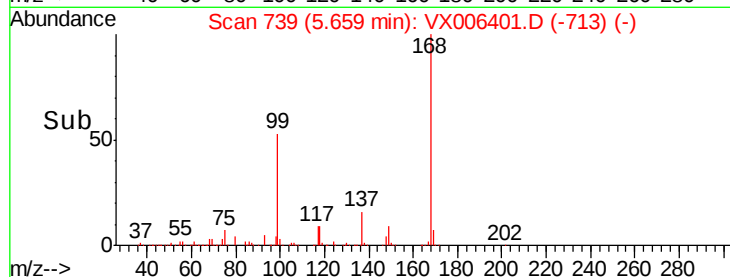
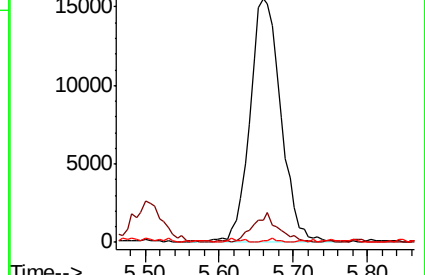
77 0.5 24.9 37.3#



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: 5.967 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006401.D

Acq: 11 Dec 2018 05:58

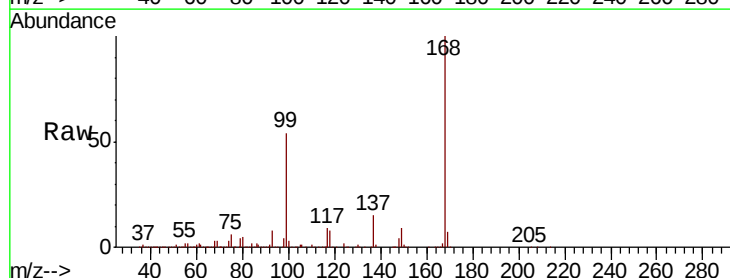
Tgt Ion: 117 Resp: 63363

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

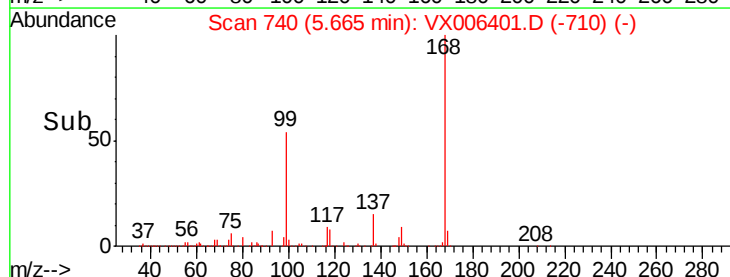
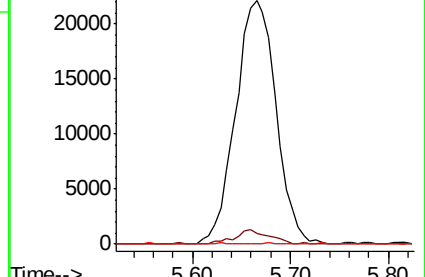
121 0.4 24.6 37.0#

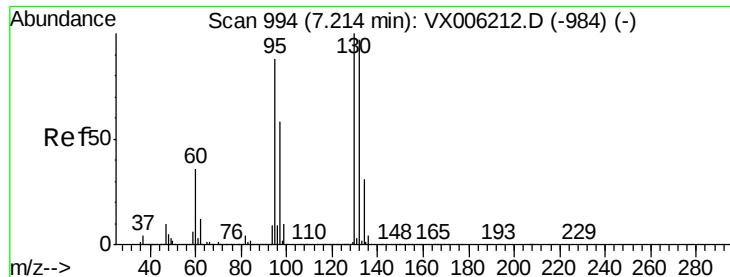


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 0.493 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006401.D

Acq: 11 Dec 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

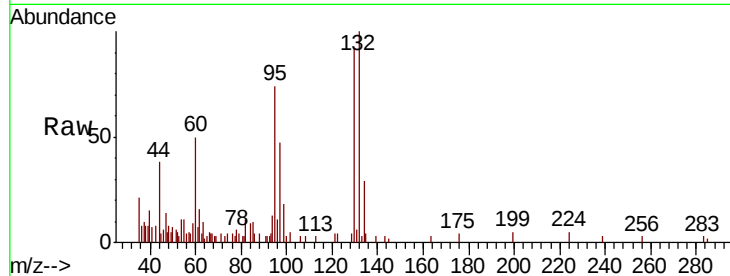
BPS1-TT-MW314I-20181206

Tot Ion:130 Resp: 4041

Ion Ratio Lower Upper

130 100

95 80.5 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

2000

1500

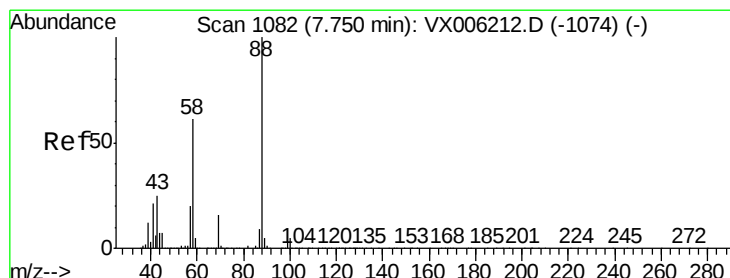
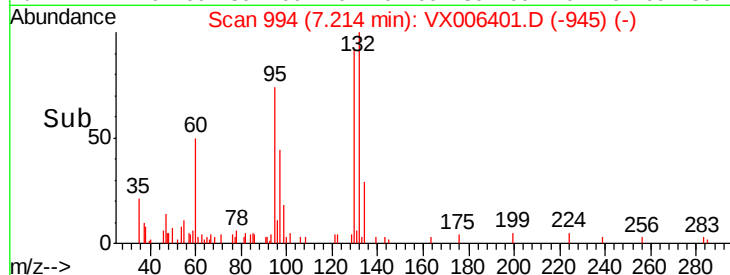
1000

500

0

7.15 7.20 7.25 7.30

Time-->



#49

1,4-Dioxane

Concen: 0.965 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX006401.D

Acq: 11 Dec 2018 05:58

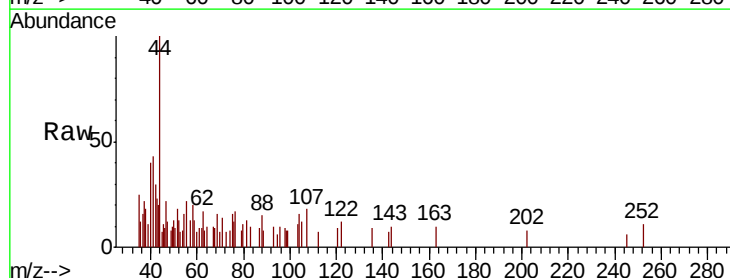
Tgt Ion: 88 Resp: 195

Ion Ratio Lower Upper

88 100

43 145.6 23.2 34.8#

58 127.2 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

600

500

400

300

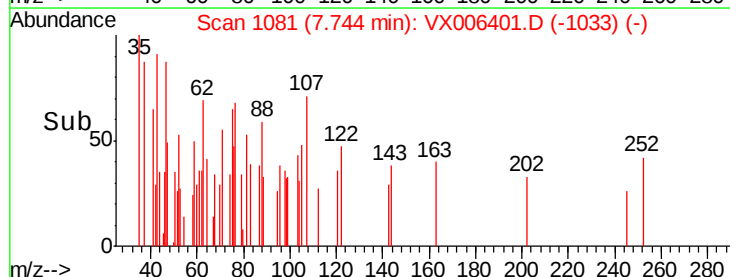
200

100

0

7.72 7.74 7.76 7.78

Time-->

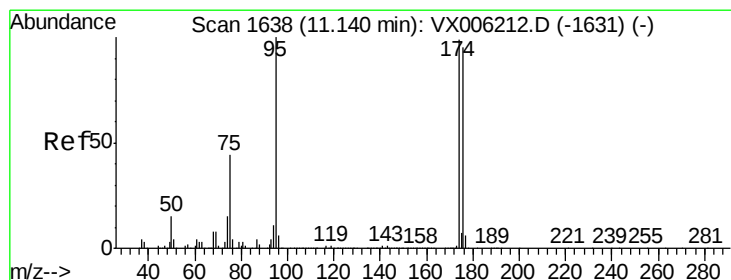
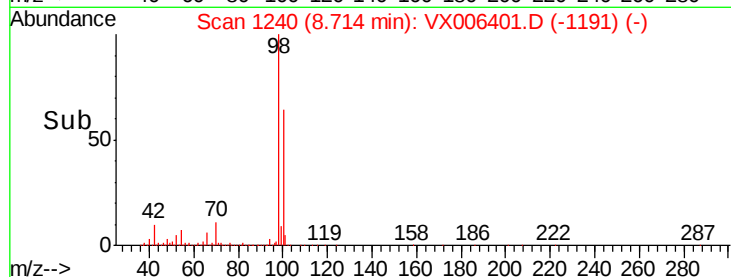
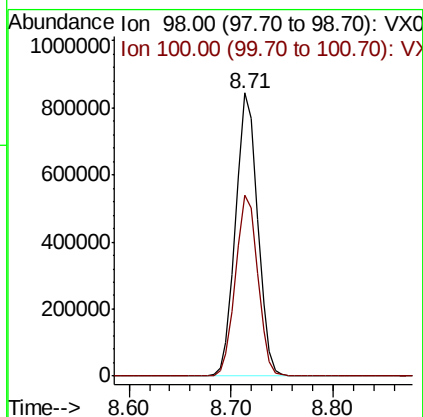
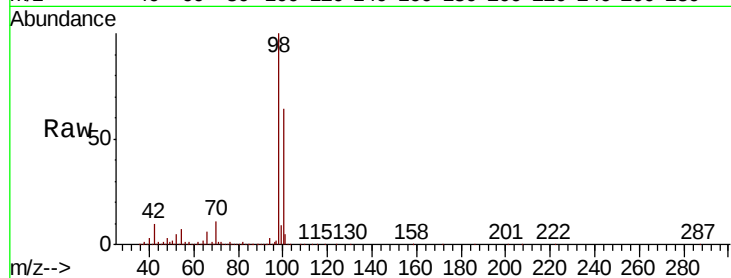




#50
Toluene-d8
Concen: 49.695 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006401.D
Acq: 11 Dec 2018 05:58

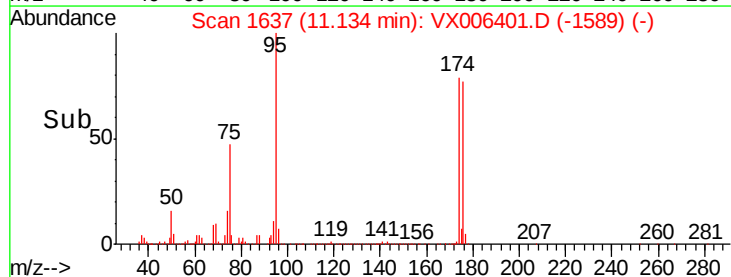
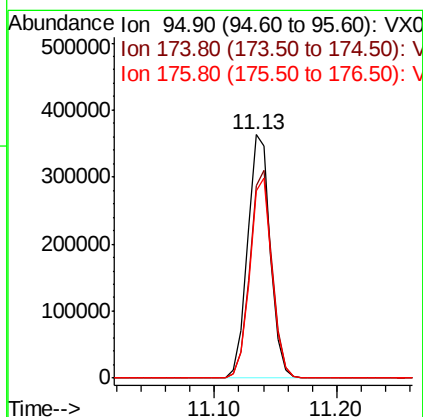
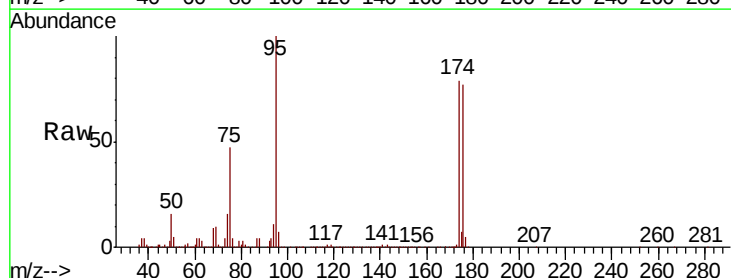
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BPS1-TT-MW314I-20181206

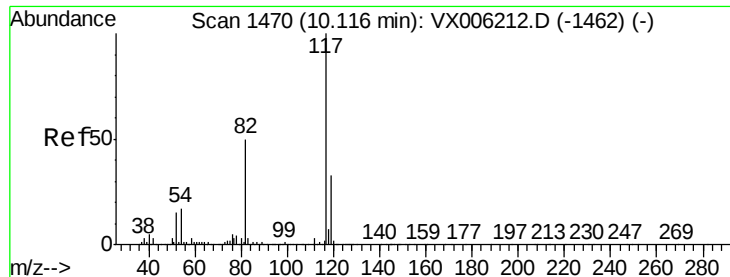
Tot Ion: 98 Resp: 1254421
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.340 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006401.D
Acq: 11 Dec 2018 05:58

Tgt Ion: 95 Resp: 469325
Ion Ratio Lower Upper
95 100
174 84.2 0.0 187.0
176 81.2 0.0 181.8

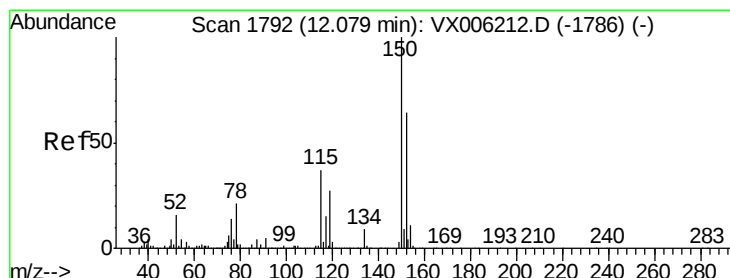
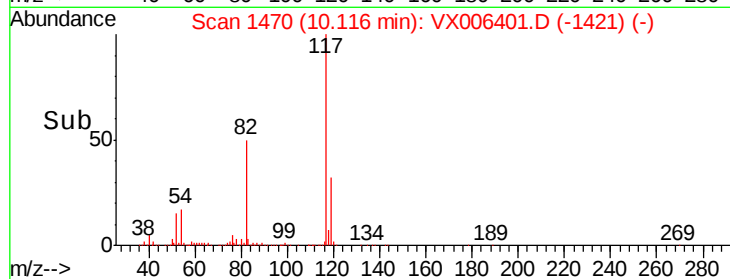
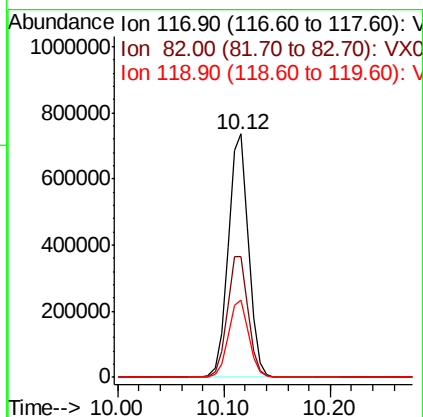
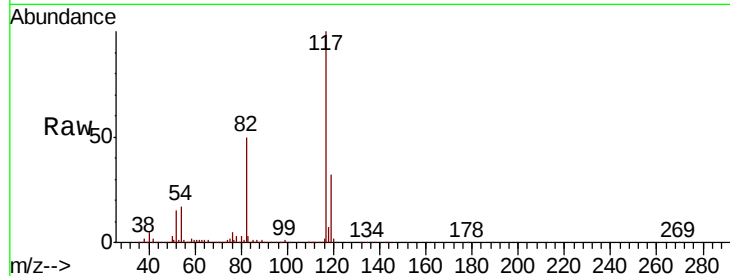




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006401.D
Acq: 11 Dec 2018 05:58

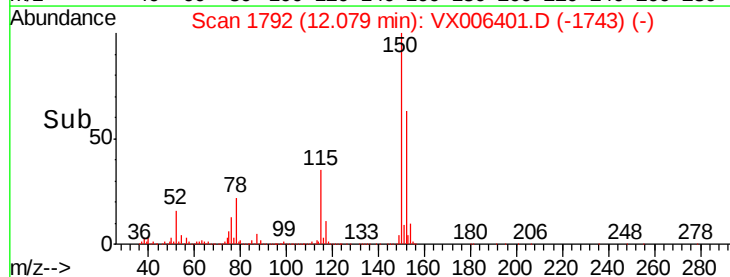
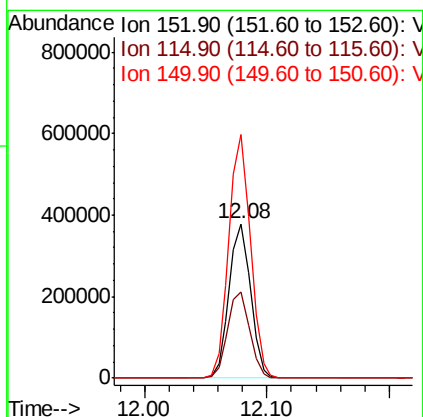
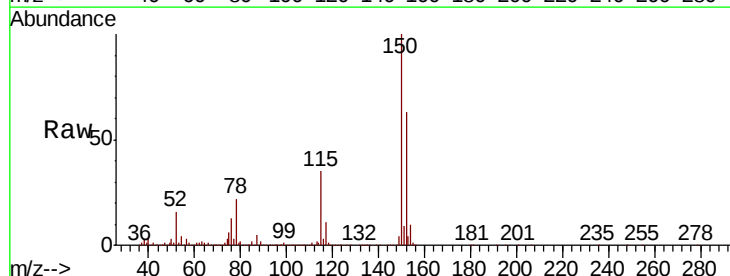
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW314I-20181206

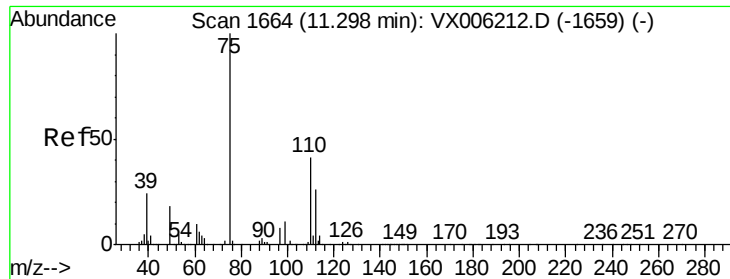
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	39.6	59.4
119	31.9	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006401.D
Acq: 11 Dec 2018 05:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	39.0	116.9
150	158.0	0.0	345.8

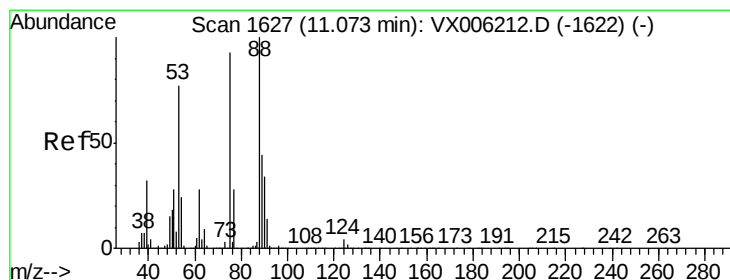
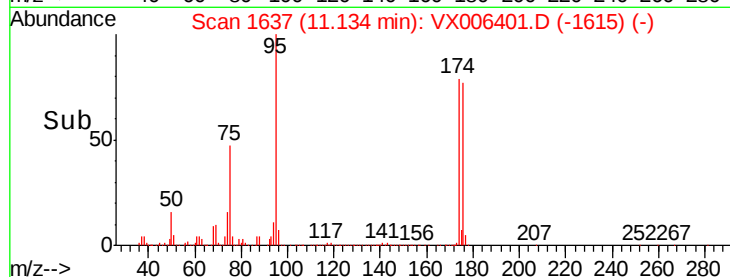
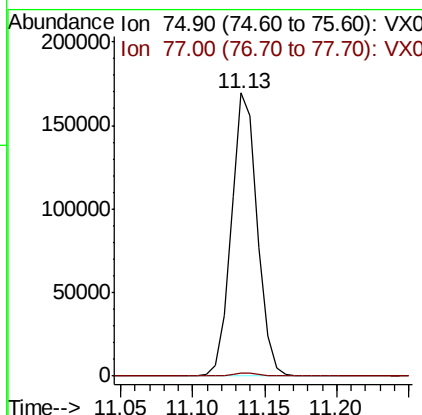
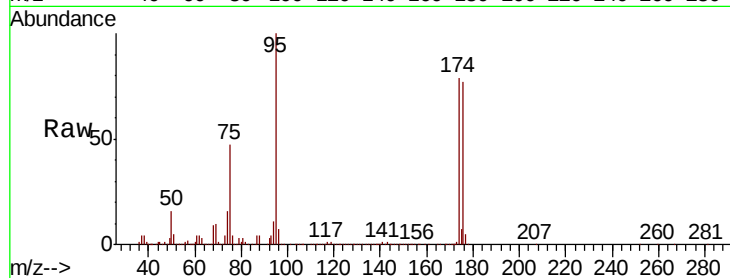




#76
 1,2,3-Trichloropropane
 Concen: 24.039 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006401.D
 Acq: 11 Dec 2018 05:58

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW314I-20181206

Tot Ion: 75 Resp: 214329
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.414 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006401.D
 Acq: 11 Dec 2018 05:58

Tgt Ion: 75 Resp: 214329
 Ion Ratio Lower Upper
 75 100
 53 0.2 64.4 96.6#
 89 0.2 44.2 66.4#

