

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004609.D
 Acq On : 16 Sep 2018 03:06
 Operator : JC/MD
 Sample : J4913-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305D-20180911

Quant Time: Sep 17 09:10:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	246979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195809	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	156269	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
35) Dibromofluoromethane	5.50	113	148066	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	8.72	98	463628	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	
62) 4-Bromofluorobenzene	11.14	95	159188	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	

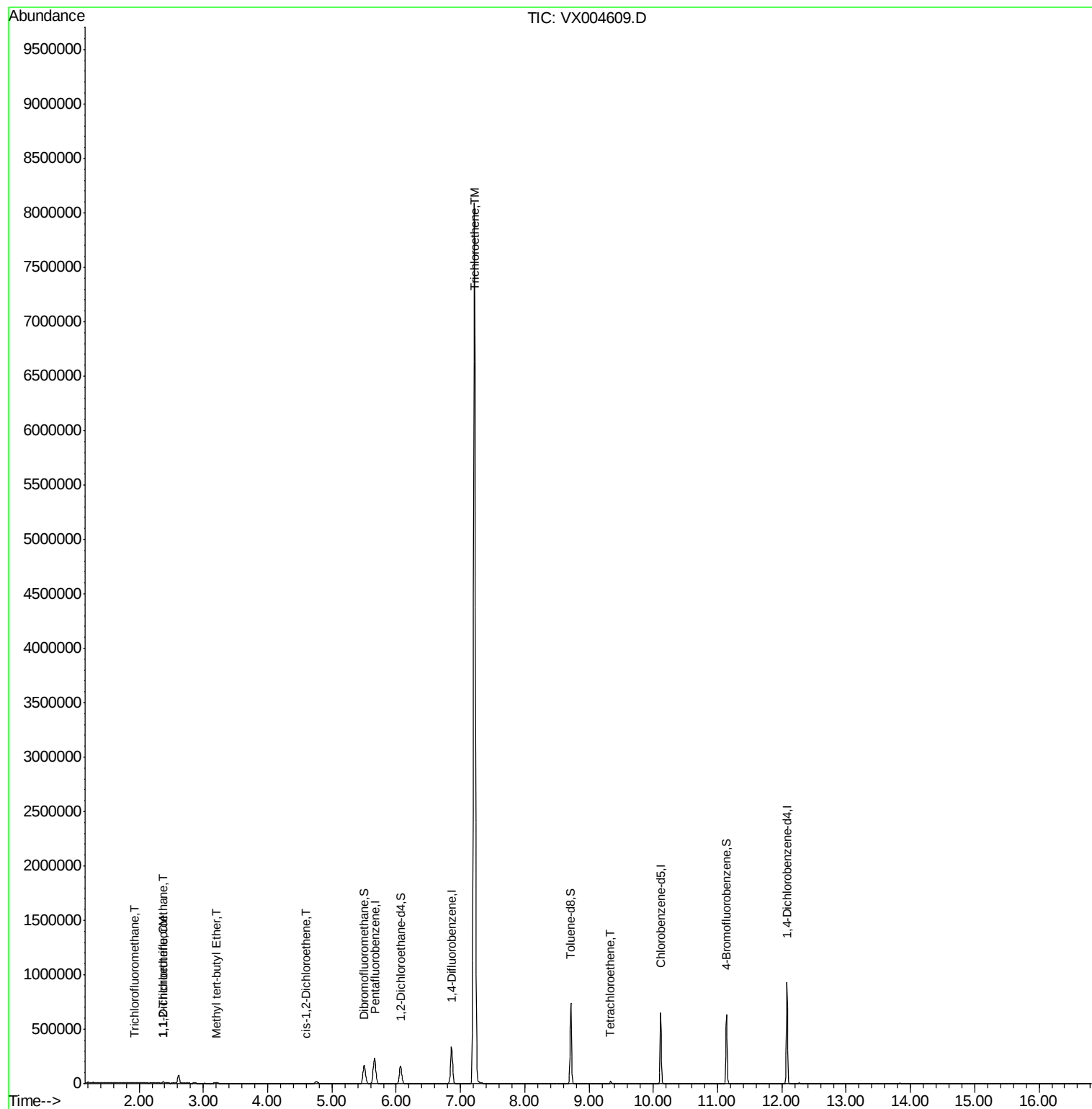
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Trichlorofluoromethane	1.93	101	3569	0.82	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2419	0.88	ug/l	97
12) 1,1-Dichloroethene	2.37	96	3300	1.28	ug/l	82
19) Methyl tert-butyl Ether	3.20	73	5034	0.56	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	2531	0.80	ug/l	92
44) Trichloroethene	7.22	130	3260845	1054.52	ug/l	96
64) Tetrachloroethene	9.34	164	5150	1.34	ug/l	91

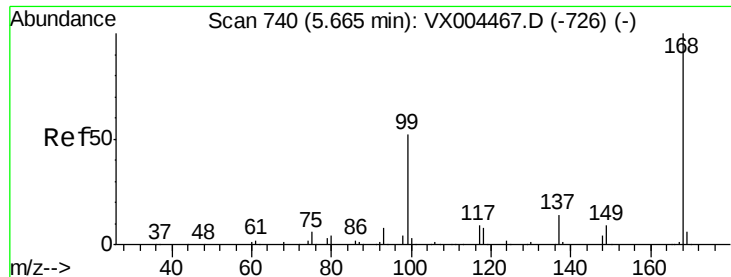
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004609.D

Acq: 16 Sep 2018 03:06

Instrument :

MSVOA_X

ClientSampleId :

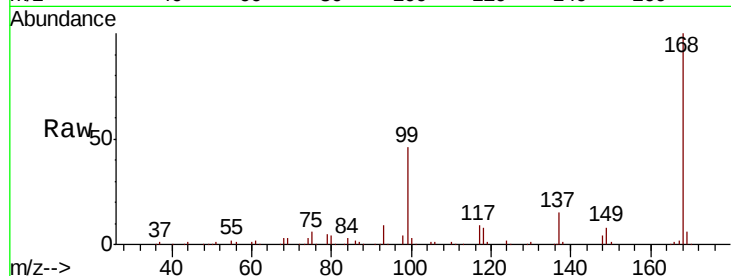
BPS1-TT-MW305D-20180911

Tot Ion:168 Resp: 246979

Ion Ratio Lower Upper

168 100

99 46.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

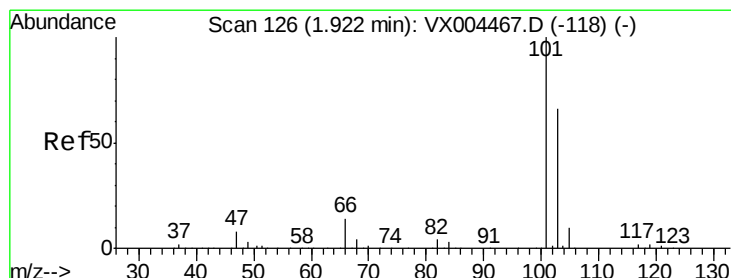
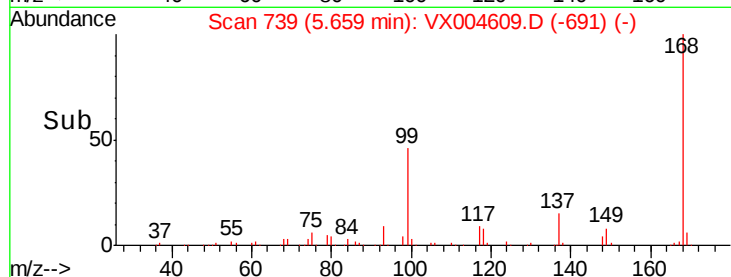
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#7

Trichlorofluoromethane

Concen: 0.82 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX004609.D

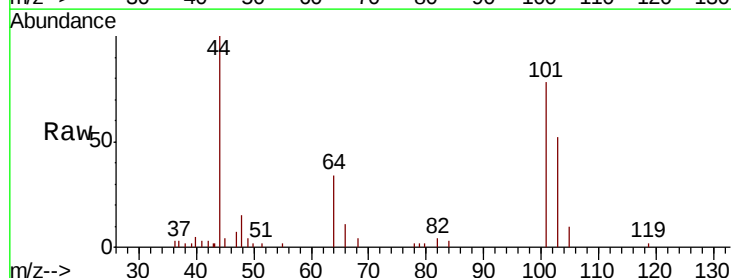
Acq: 16 Sep 2018 03:06

Tgt Ion:101 Resp: 3569

Ion Ratio Lower Upper

101 100

103 67.2 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

2500

2000

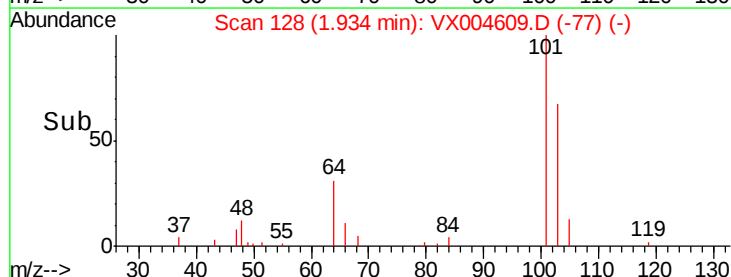
1500

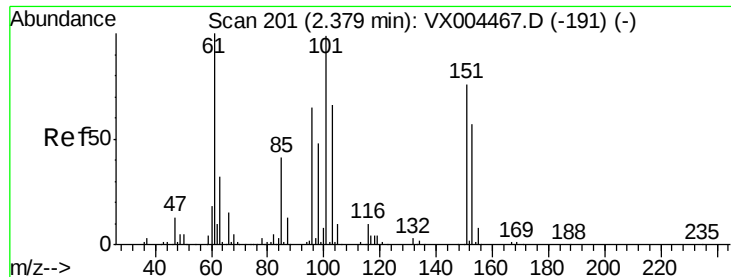
1000

500

0

Time--> 1.90 1.95 2.00





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.88 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004609.D

Acq: 16 Sep 2018 03:06

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305D-20180911

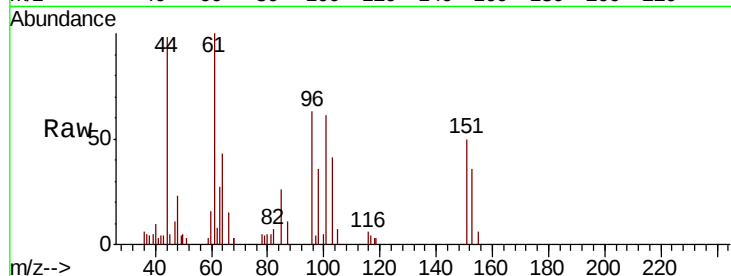
Tot Ion:101 Resp: 2419

Ion Ratio Lower Upper

101 100

85 39.5 34.2 51.4

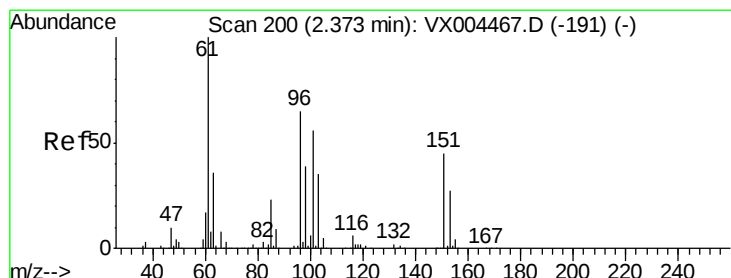
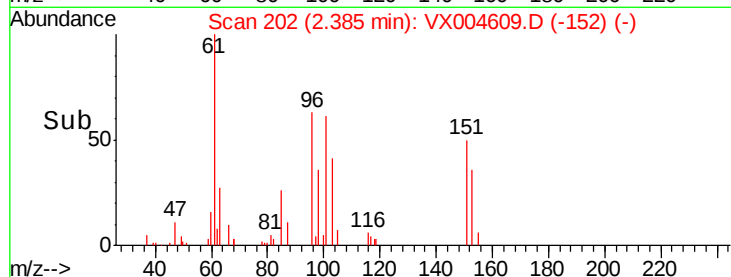
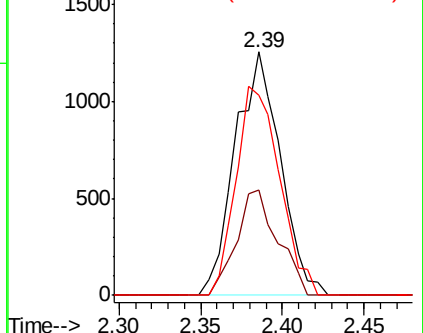
151 83.0 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 1.28 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX004609.D

Acq: 16 Sep 2018 03:06

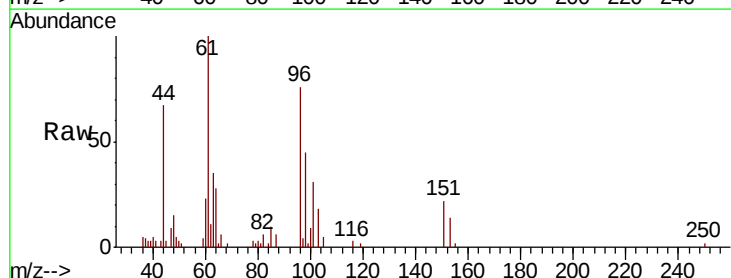
Tgt Ion: 96 Resp: 3300

Ion Ratio Lower Upper

96 100

61 132.1 128.8 193.2

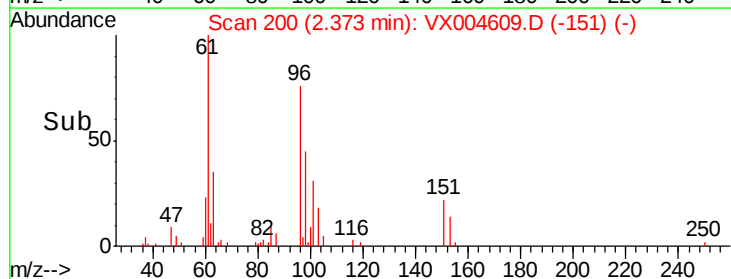
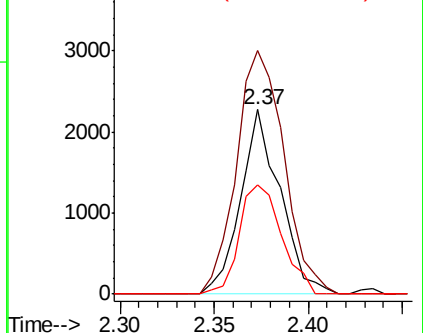
98 59.6 52.2 78.2

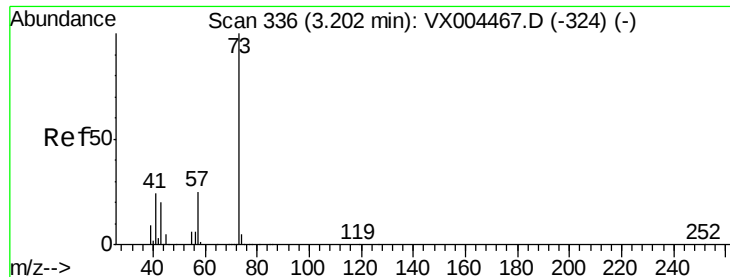


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



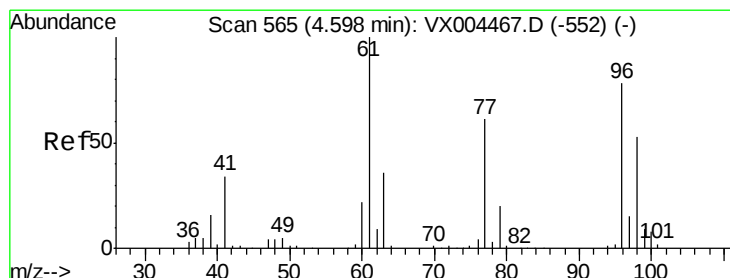
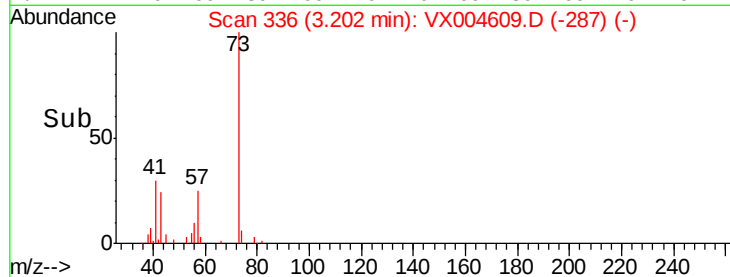
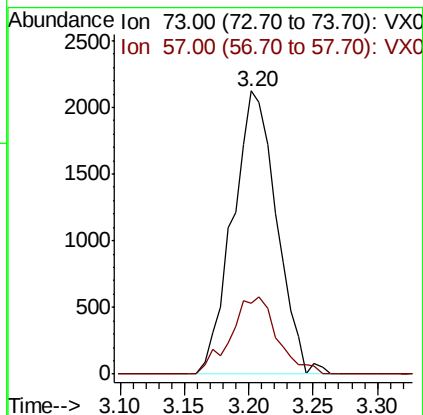
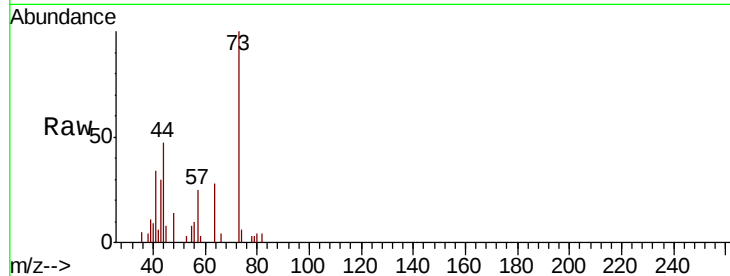


#19

Methyl tert-butyl Ether
 Concen: 0.56 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004609.D
 Acq: 16 Sep 2018 03:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305D-20180911

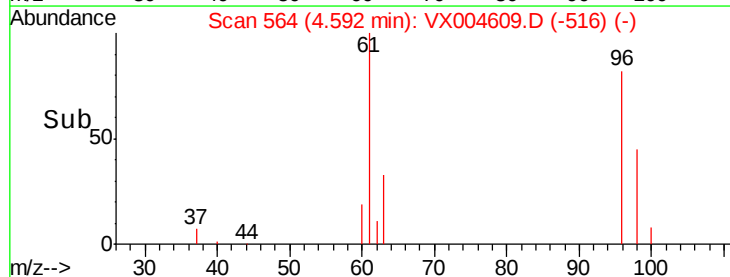
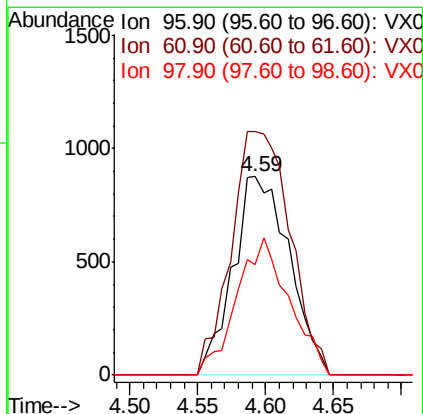
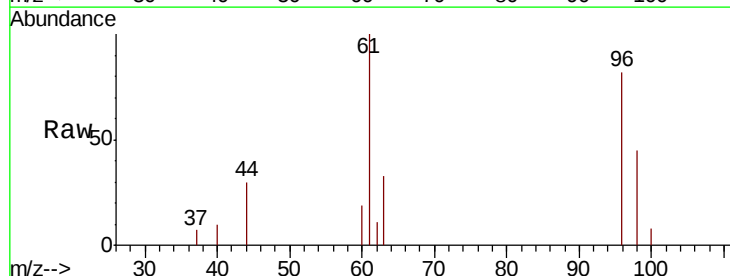
Tot Ion: 73 Resp: 5034
 Ion Ratio Lower Upper
 73 100
 57 25.1 17.1 25.7

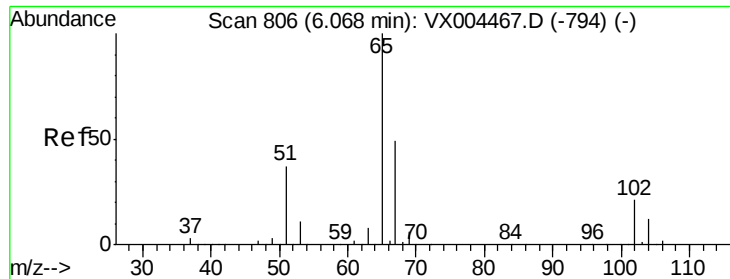


#27

cis-1,2-Dichloroethene
 Concen: 0.80 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004609.D
 Acq: 16 Sep 2018 03:06

Tgt Ion: 96 Resp: 2531
 Ion Ratio Lower Upper
 96 100
 61 128.3 0.0 282.6
 98 64.3 0.0 130.2





#33

1,2-Dichloroethane-d4

Concen: 49.07 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004609.D

Acq: 16 Sep 2018 03:06

Instrument :

MSVOA_X

ClientSampleId :

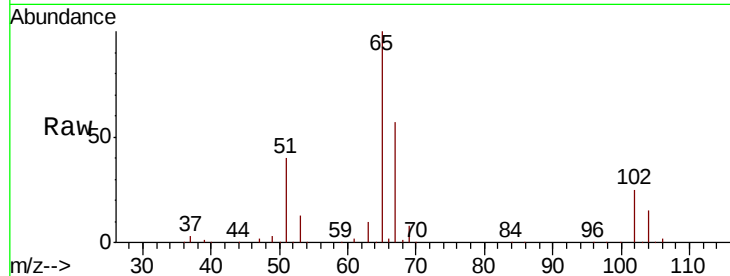
BPS1-TT-MW305D-20180911

Tot Ion: 65 Resp: 156269

Ion Ratio Lower Upper

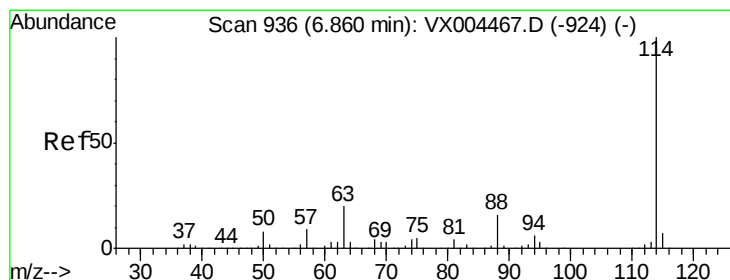
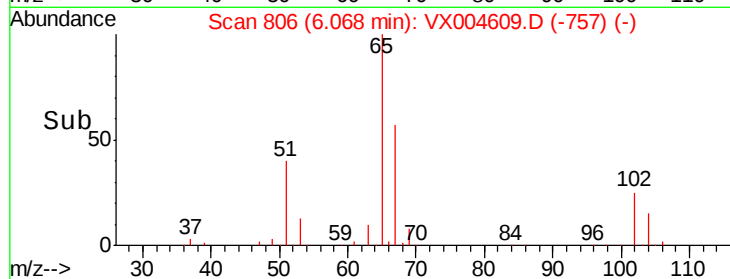
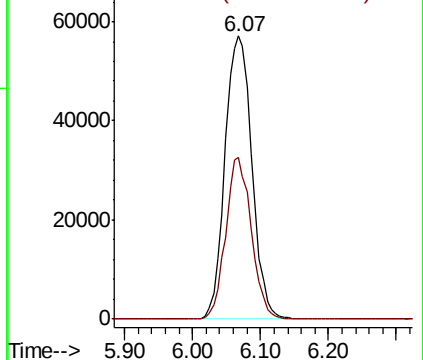
65 100

67 54.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004609.D

Acq: 16 Sep 2018 03:06

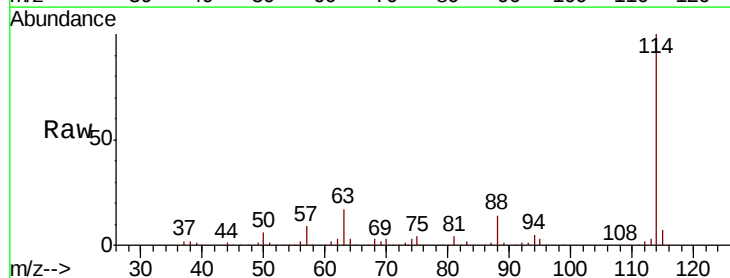
Tgt Ion: 114 Resp: 330427

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.0

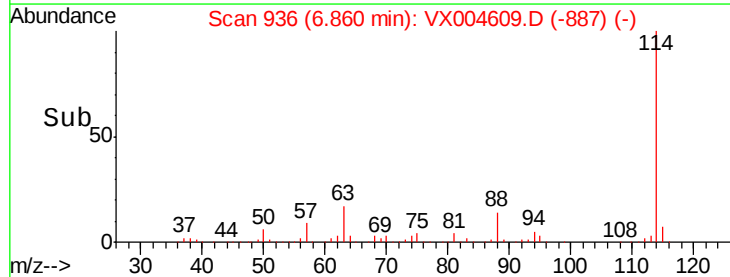
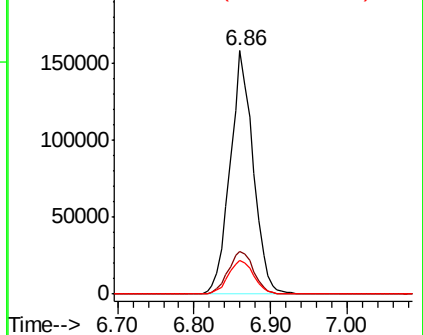
88 13.7 0.0 30.4

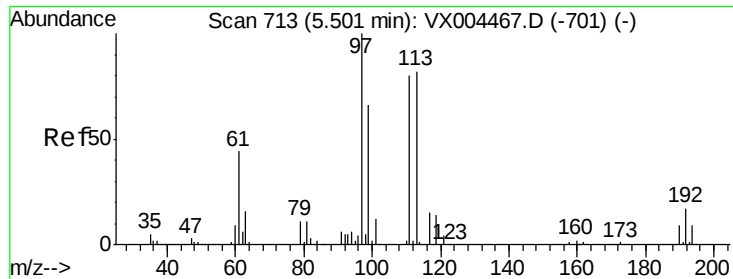


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

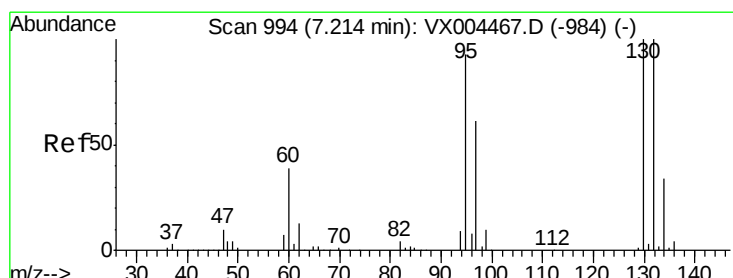
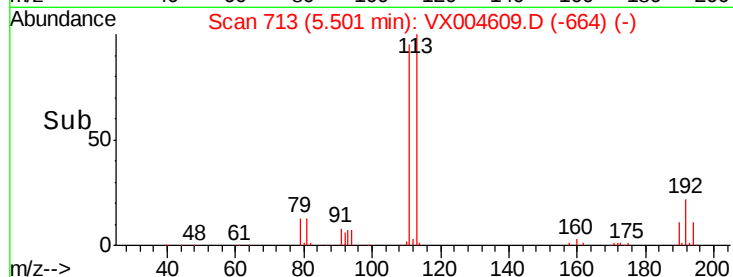
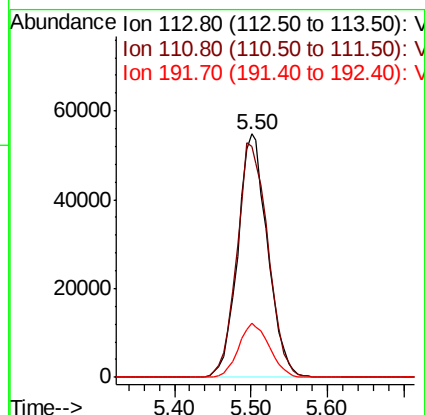
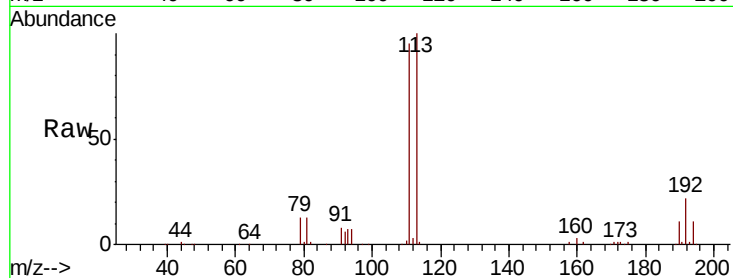




#35
 Dibromofluoromethane
 Concen: 48.97 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004609.D
 Acq: 16 Sep 2018 03:06

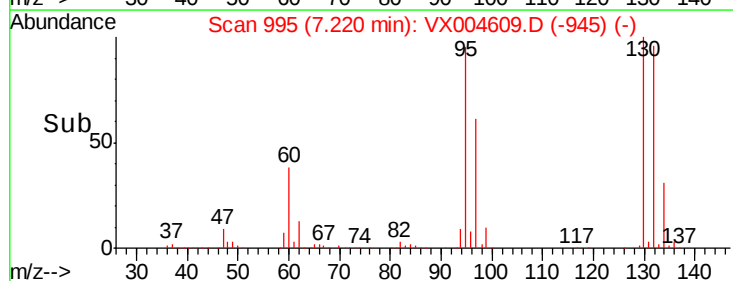
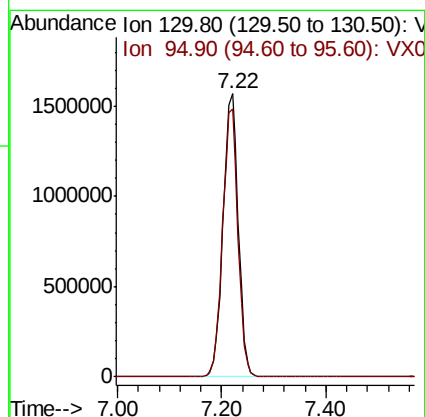
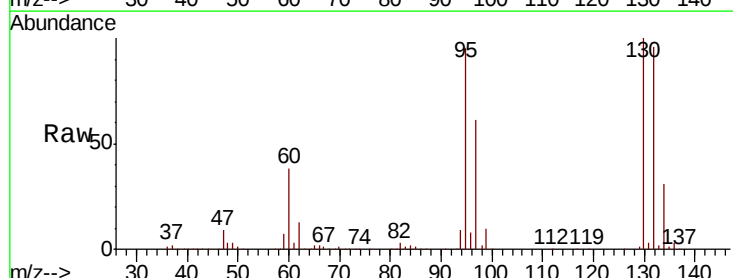
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 BPS1-TT-MW305D-20180911

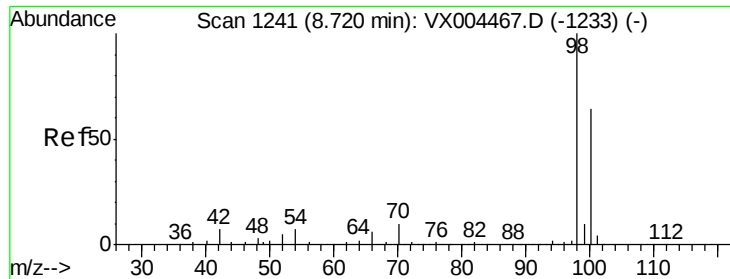
Tot Ion:113 Resp: 148066
 Ion Ratio Lower Upper
 113 100
 111 100.3 82.4 123.6
 192 23.1 19.4 29.2



#44
 Trichloroethene
 Concen: 1054.52 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX004609.D
 Acq: 16 Sep 2018 03:06

Tgt Ion:130 Resp: 3260845
 Ion Ratio Lower Upper
 130 100
 95 94.6 0.0 181.6

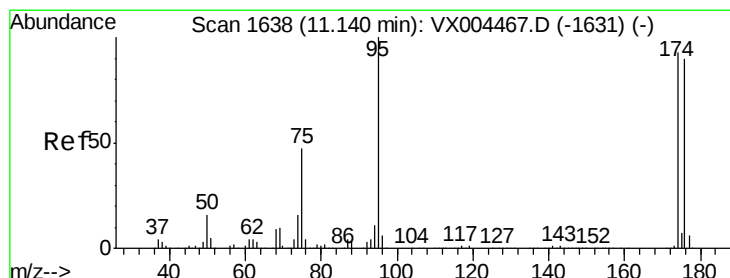
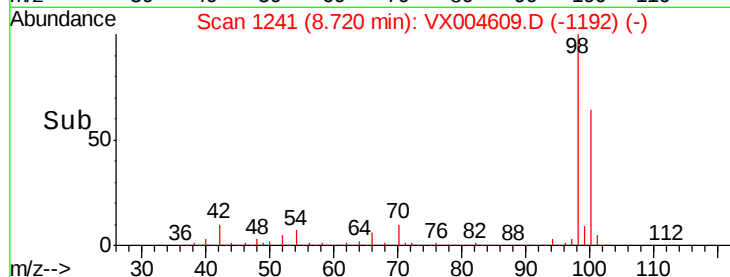
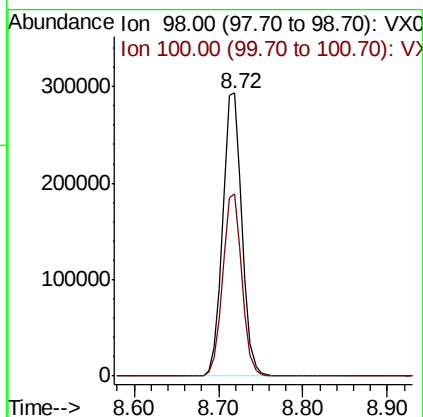
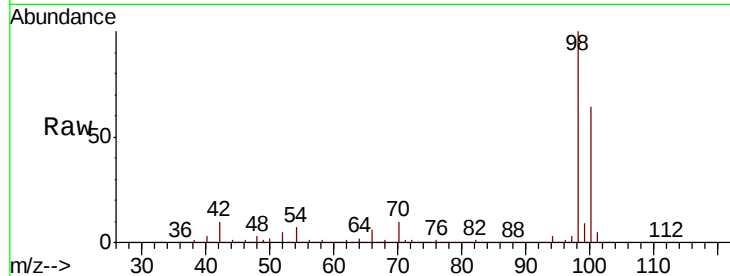




#50
Toluene-d8
Concen: 45.72 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004609.D
Acq: 16 Sep 2018 03:06

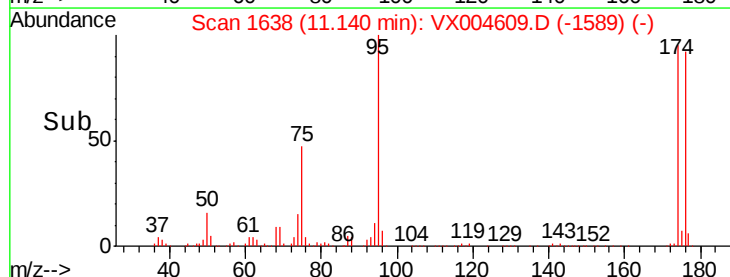
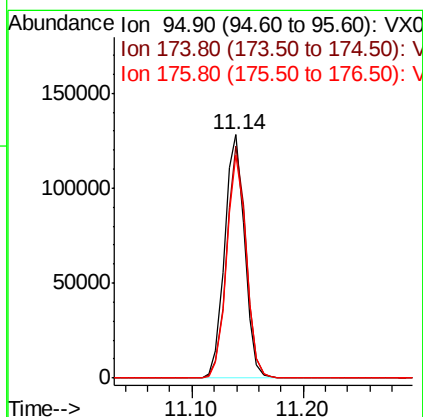
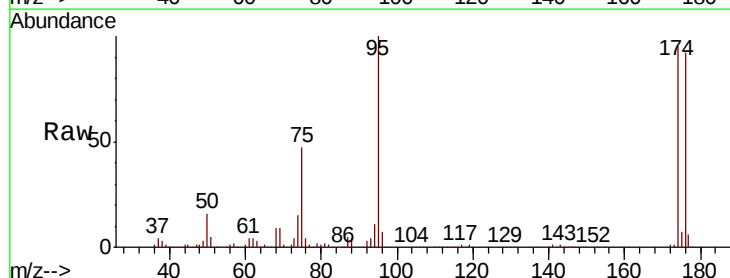
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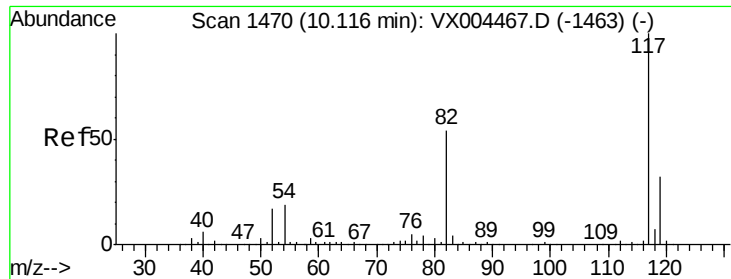
Tot Ion: 98 Resp: 463628
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.98 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004609.D
Acq: 16 Sep 2018 03:06

Tgt Ion: 95 Resp: 159188
Ion Ratio Lower Upper
95 100
174 92.8 0.0 185.2
176 89.9 0.0 178.6

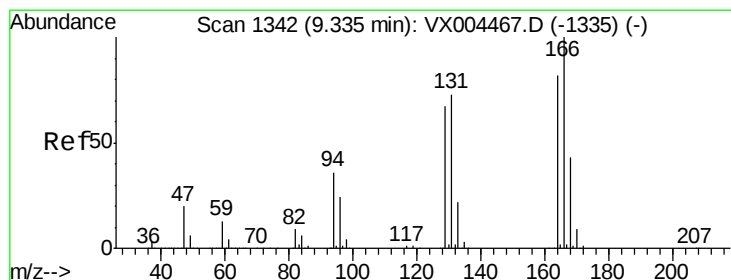
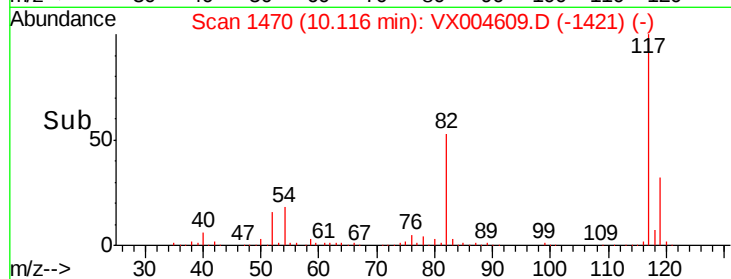
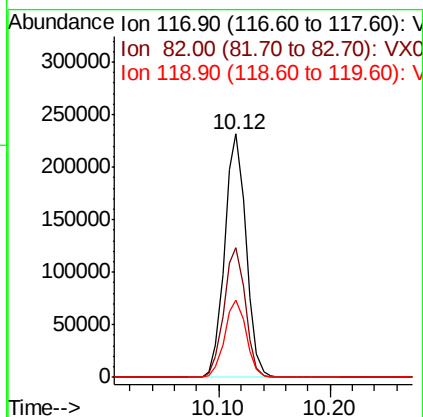
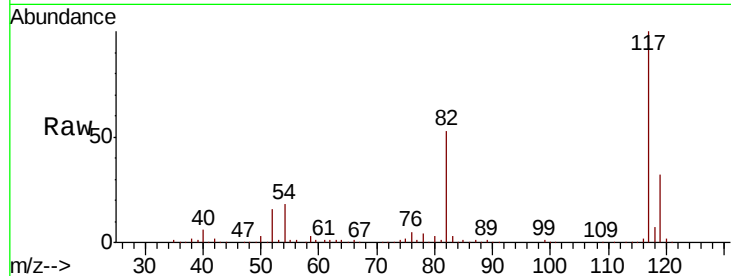




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004609.D
Acq: 16 Sep 2018 03:06

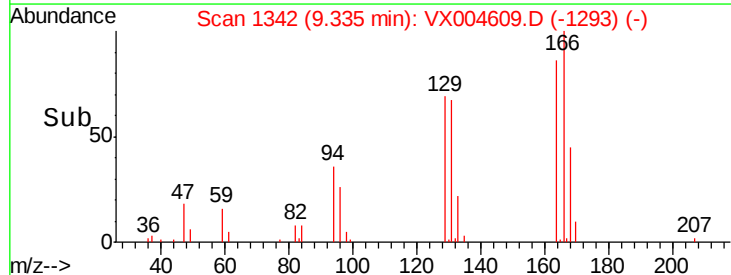
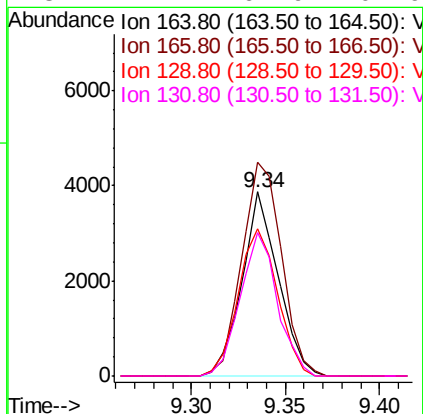
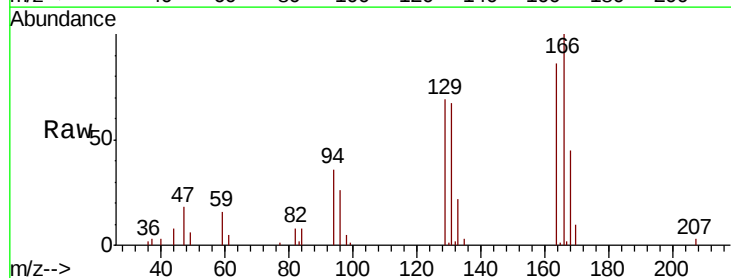
Instrument :
MSVOA_X
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BPS1-TT-MW305D-20180911

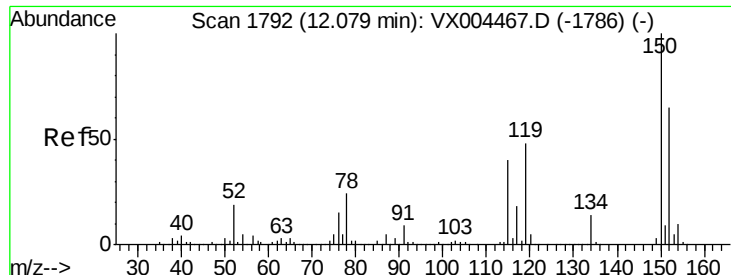
Tot Ion:117 Resp: 308190
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.6
119 31.8 29.3 43.9



#64
Tetrachloroethene
Concen: 1.34 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004609.D
Acq: 16 Sep 2018 03:06

Tgt Ion:164 Resp: 5150
Ion Ratio Lower Upper
164 100
166 116.2 102.8 154.2
129 79.8 69.4 104.0
131 77.7 67.9 101.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX004609.D
 Acq: 16 Sep 2018 03:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305D-20180911

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.0	117.0
150	153.2	0.0	351.0

