

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050618\
 Data File : VX001448.D
 Acq On : 06 May 2018 17:04
 Operator : JC/MD
 Sample : J2659-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302S-20180428

Quant Time: May 07 07:10:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193588	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	253634	60.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.38%	
35) Dibromofluoromethane	5.51	113	196980	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
50) Toluene-d8	8.72	98	667534	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.14	95	222802	44.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.10%	

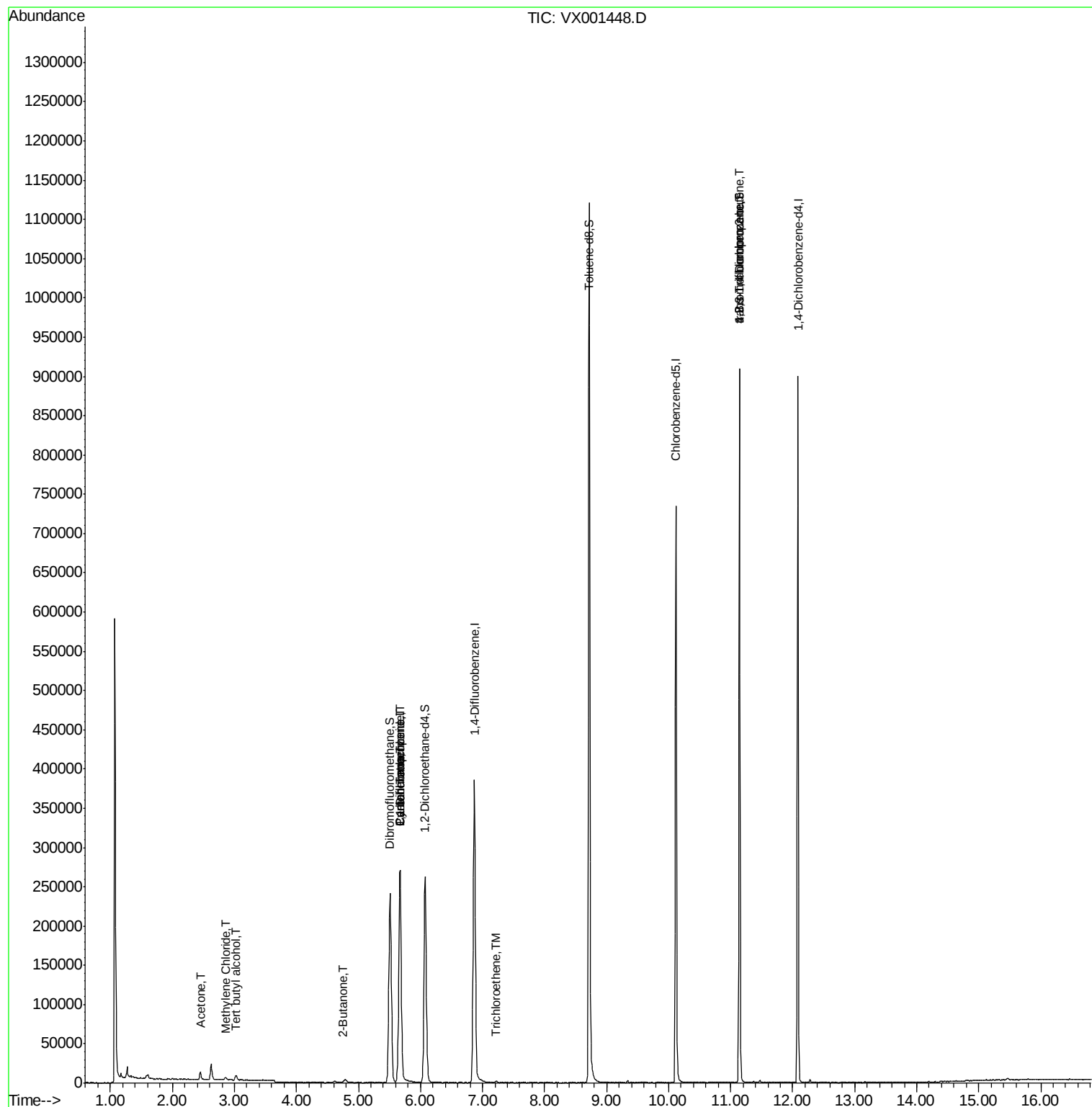
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	828	Below Cal	#	55
11) Tert butyl alcohol	3.03	59	3195	3.63	ug/l #	78
13) Acrolein	2.28	56	23	Below Cal	#	1
16) Acetone	2.45	43	9733	5.13	ug/l	100
20) Methylene Chloride	2.85	84	931	0.25	ug/l	95
25) 2-Butanone	4.74	43	637	0.23	ug/l #	49
31) Cyclohexane	5.67	56	4971	0.92	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	18135	3.55	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24752	4.55	ug/l #	15
44) Trichloroethene	7.22	130	991	0.22	ug/l	91
76) 1,2,3-Trichloropropane	11.14	75	113200	28.83	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	113200	88.33	ug/l #	7

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

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001448.D

Acq: 06 May 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

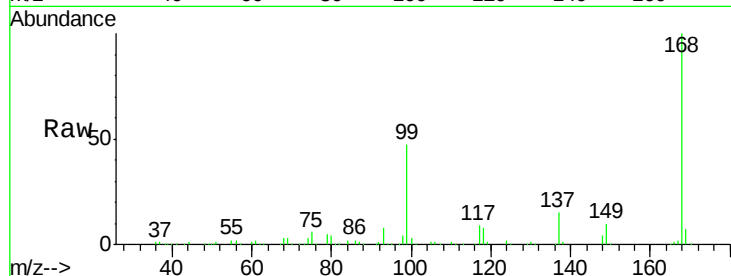
BPS1-TT-MW302S-20180428

Tgt Ion:168 Resp: 290746

Ion Ratio Lower Upper

168 100

99 47.2 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

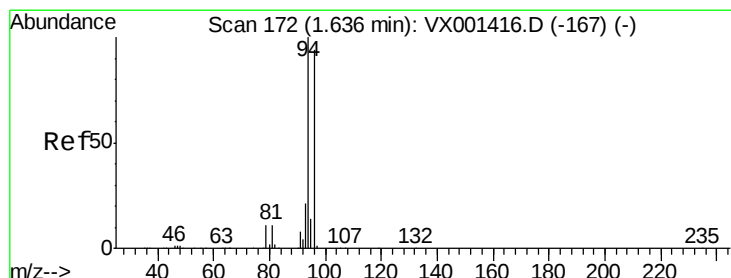
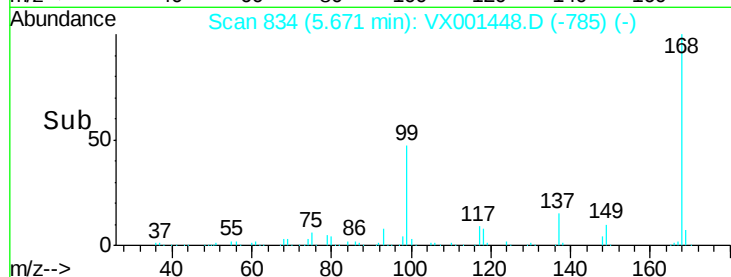
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX001448.D

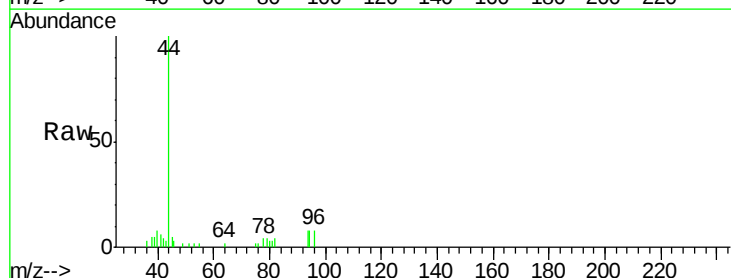
Acq: 06 May 2018 17:04

Tgt Ion: 94 Resp: 828

Ion Ratio Lower Upper

94 100

96 50.1 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

500

400

300

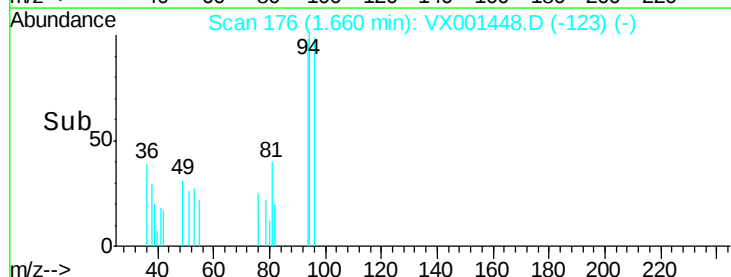
200

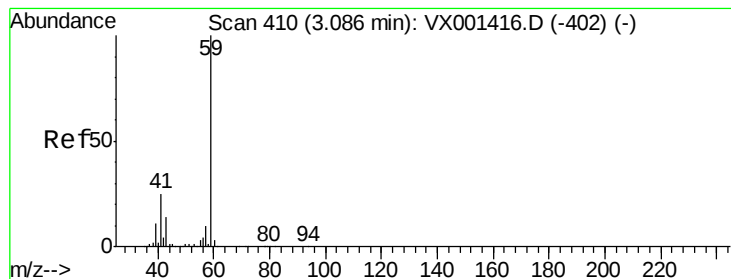
100

0

Time-->

1.60 1.65 1.70



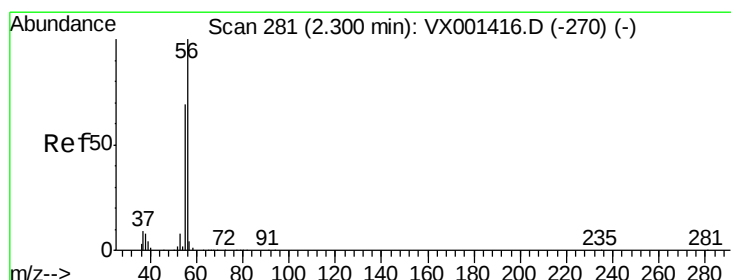
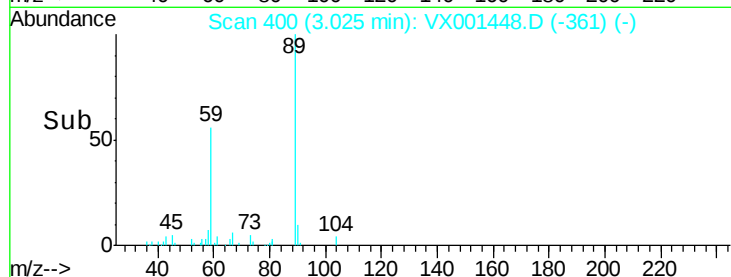
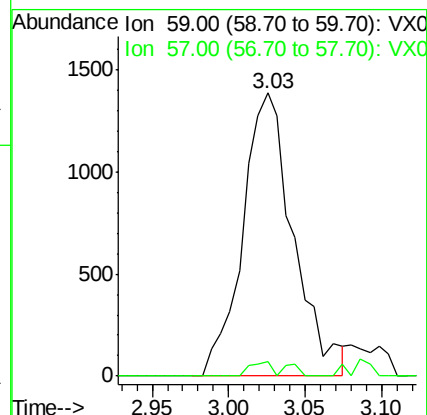
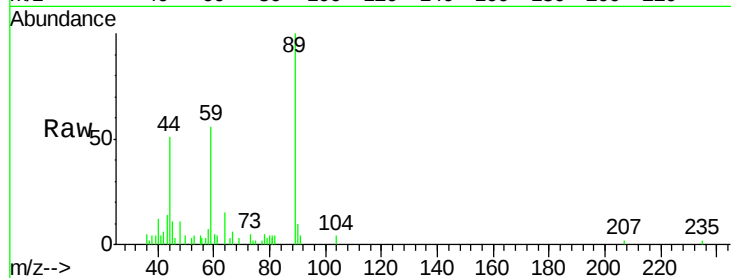


#11

Tert butyl alcohol
 Concen: 3.63 ug/l
 RT: 3.03 min Scan# 400
 Delta R.T. -0.06 min
 Lab File: VX001448.D
 Acq: 06 May 2018 17:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302S-20180428

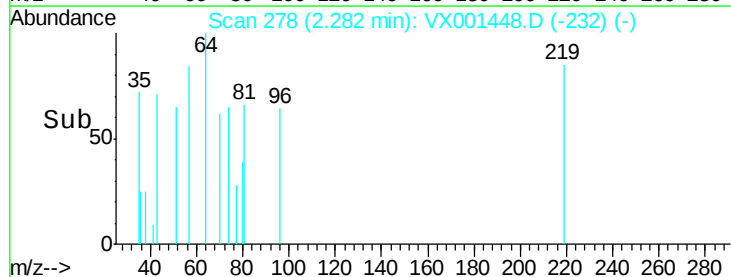
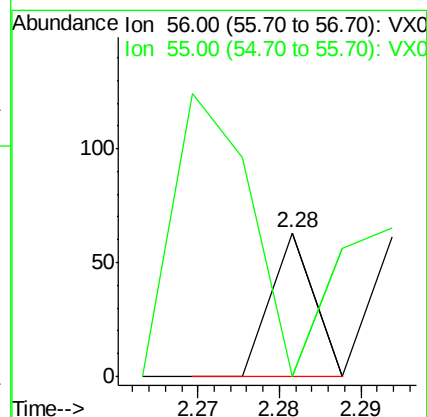
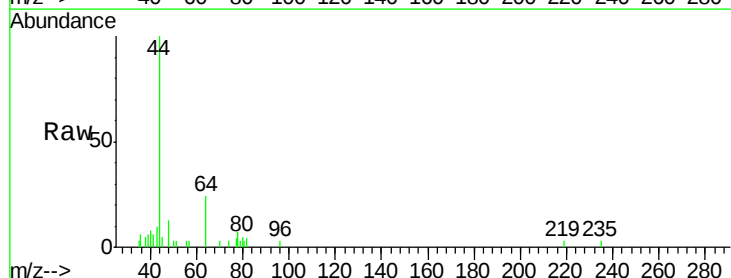
Tgt Ion: 59 Resp: 3195
 Ion Ratio Lower Upper
 59 100
 57 2.1 8.2 12.4#

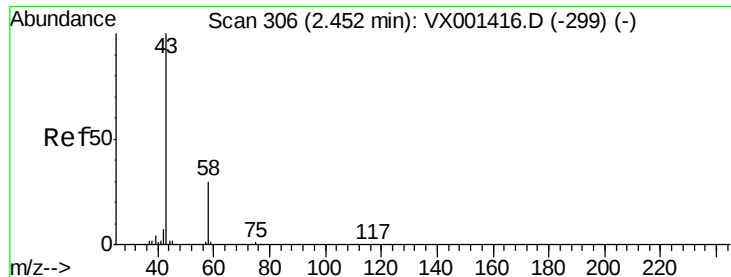


#13

Acrolein
 Concen: Below Cal
 RT: 2.28 min Scan# 278
 Delta R.T. -0.02 min
 Lab File: VX001448.D
 Acq: 06 May 2018 17:04

Tgt Ion: 56 Resp: 23
 Ion Ratio Lower Upper
 56 100
 55 347.8 54.5 81.7#





#16

Acetone

Concen: 5.13 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001448.D

Acq: 06 May 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

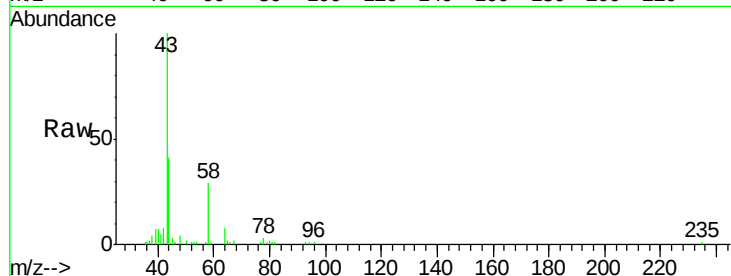
BPS1-TT-MW302S-20180428

Tgt Ion: 43 Resp: 9733

Ion Ratio Lower Upper

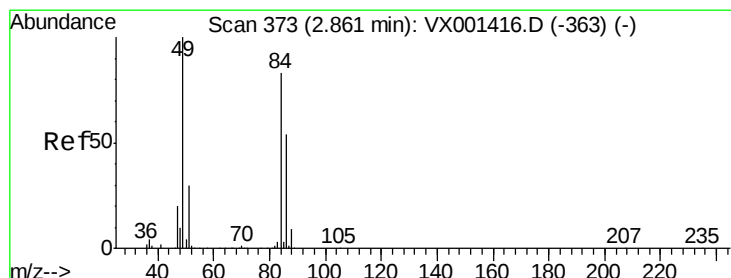
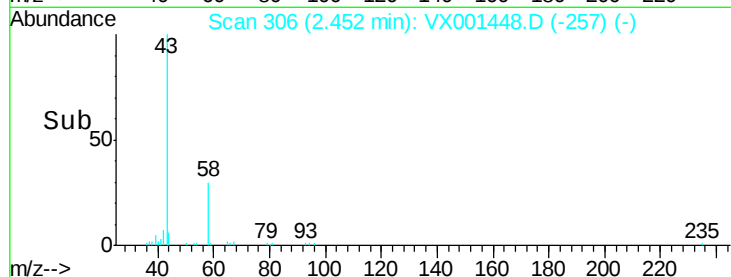
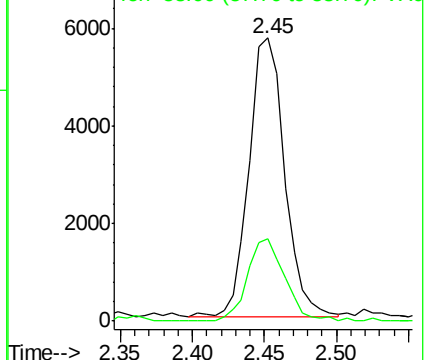
43 100

58 29.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.25 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001448.D

Acq: 06 May 2018 17:04

Tgt Ion: 84 Resp: 931

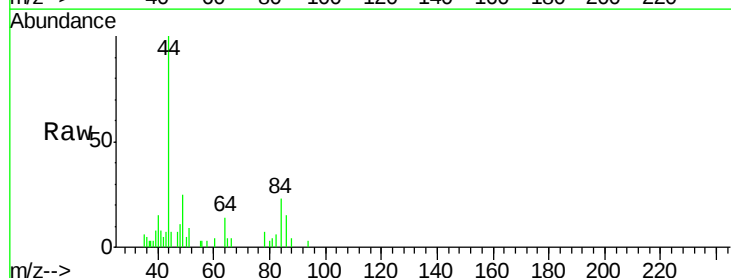
Ion Ratio Lower Upper

84 100

49 112.2 96.6 144.8

51 38.7 29.0 43.4

86 65.4 52.2 78.4

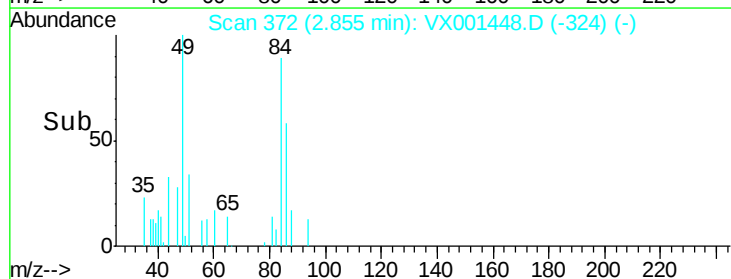
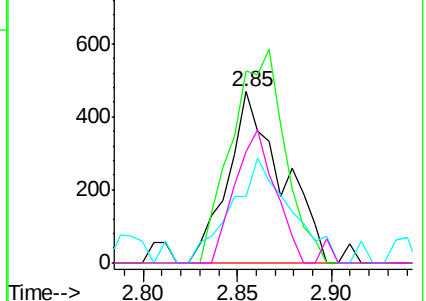


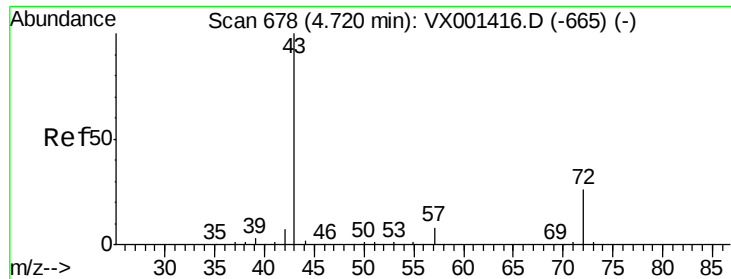
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 0.23 ug/l

RT: 4.74 min Scan# 682

Delta R.T. 0.02 min

Lab File: VX001448.D

Acq: 06 May 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

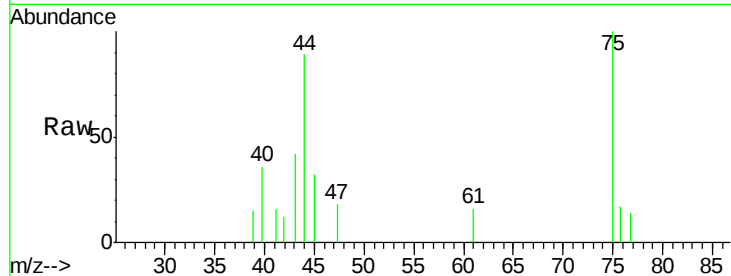
BPS1-TT-MW302S-20180428

Tgt Ion: 43 Resp: 637

Ion Ratio Lower Upper

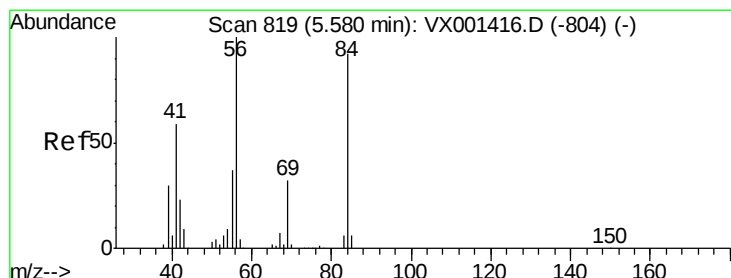
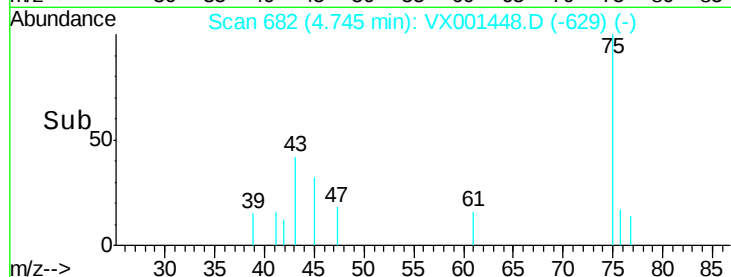
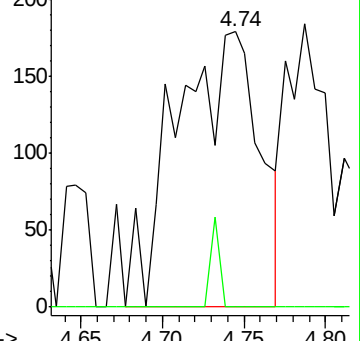
43 100

72 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 0.92 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001448.D

Acq: 06 May 2018 17:04

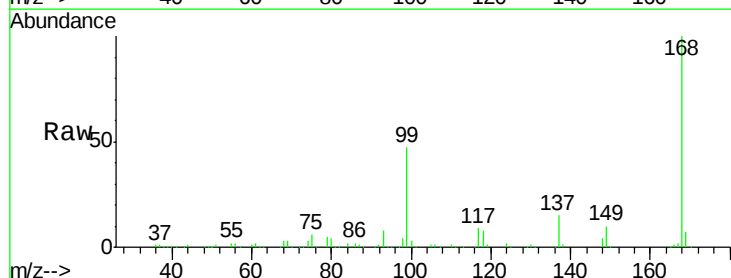
Tgt Ion: 56 Resp: 4971

Ion Ratio Lower Upper

56 100

69 199.4 25.4 38.0#

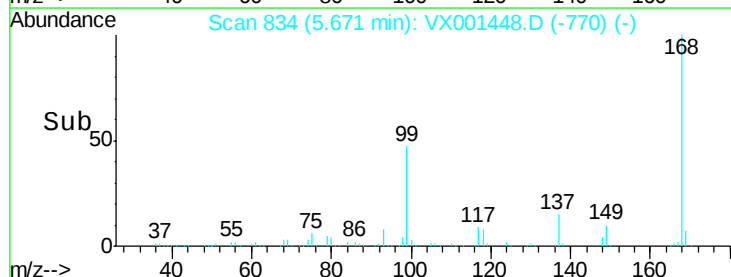
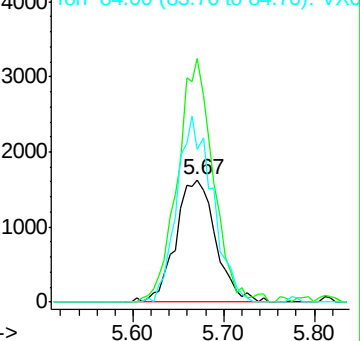
84 124.8 73.8 110.8#

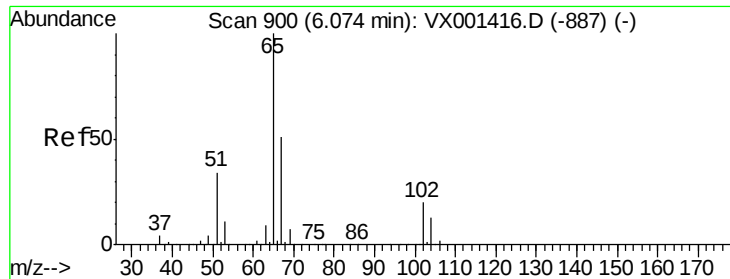


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

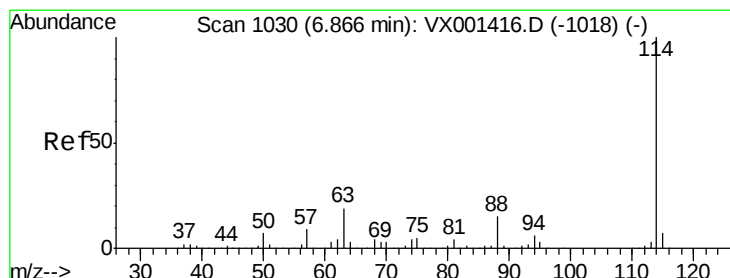
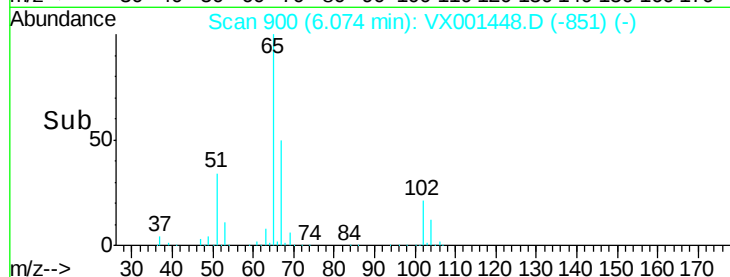
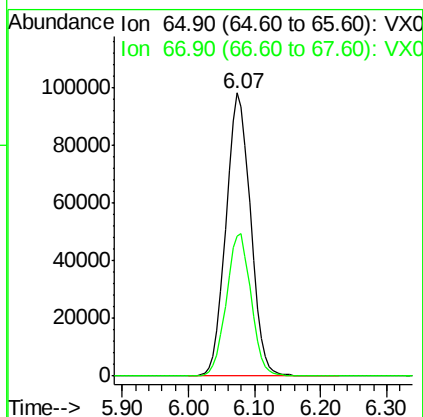
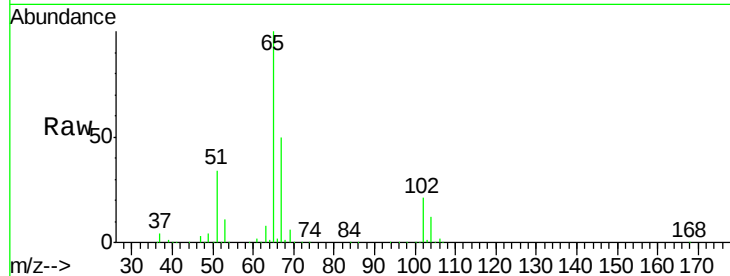




#33
 1,2-Dichloroethane-d4
 Concen: 60.69 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001448.D
 Acq: 06 May 2018 17:04

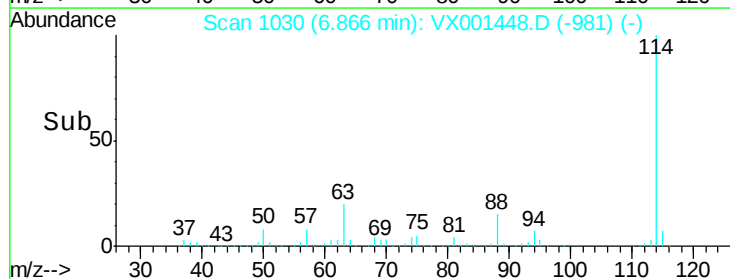
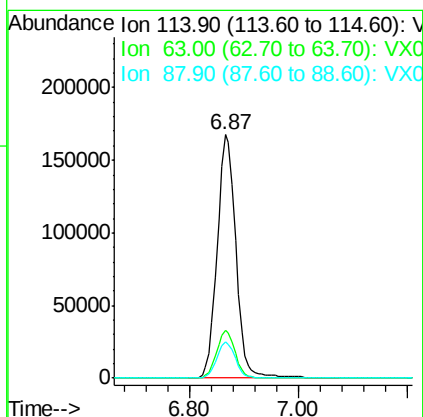
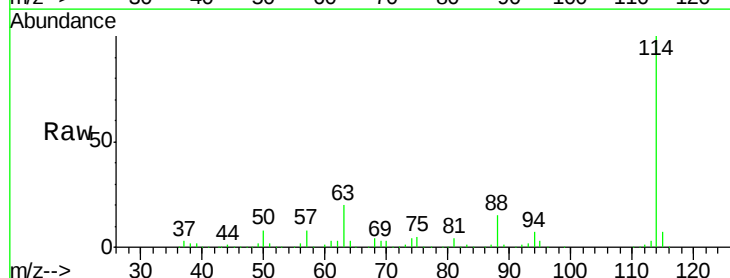
Instrument :
 MSVOA_X
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 BPS1-TT-MW302S-20180428

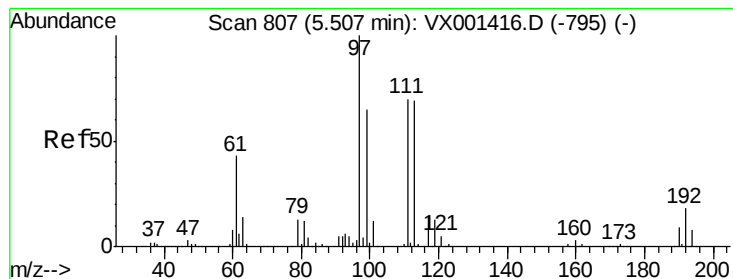
Tgt Ion: 65 Resp: 253634
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001448.D
 Acq: 06 May 2018 17:04

Tgt Ion: 114 Resp: 401284
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 55.19 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX001448.D

Acq: 06 May 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW302S-20180428

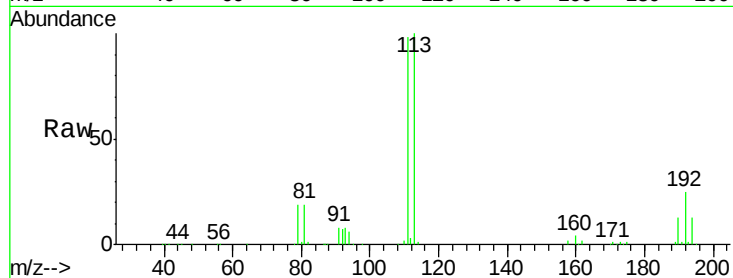
Tgt Ion:113 Resp: 196980

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

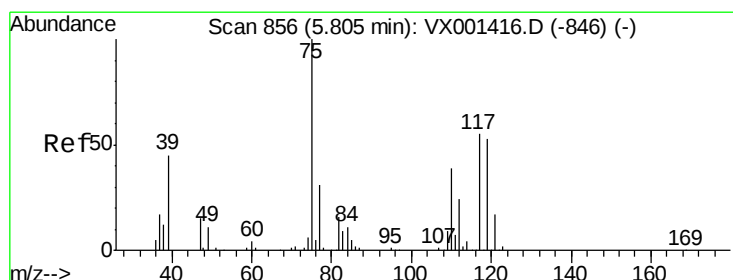
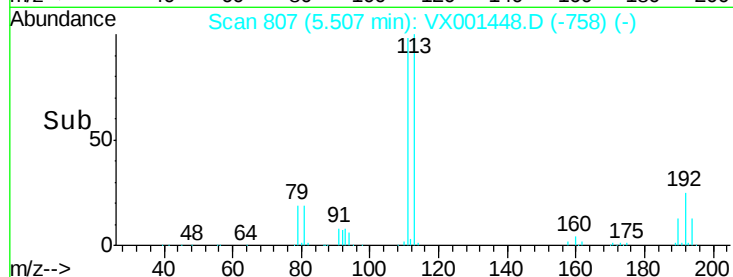
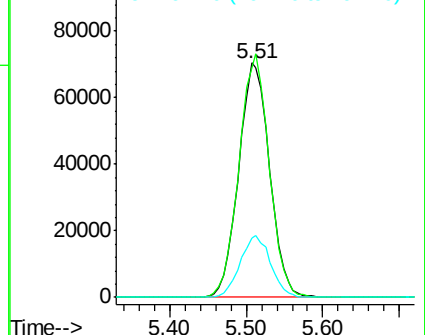
192 26.2 21.4 32.0



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: 3.55 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001448.D

Acq: 06 May 2018 17:04

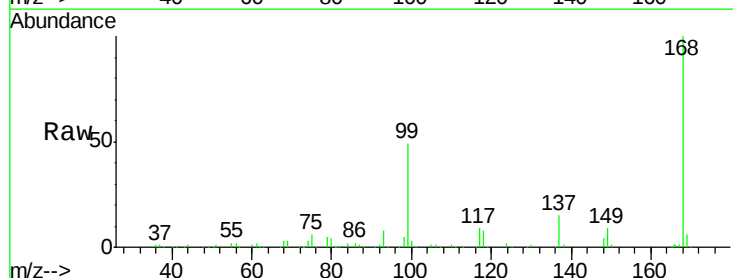
Tgt Ion: 75 Resp: 18135

Ion Ratio Lower Upper

75 100

110 10.2 18.9 56.7#

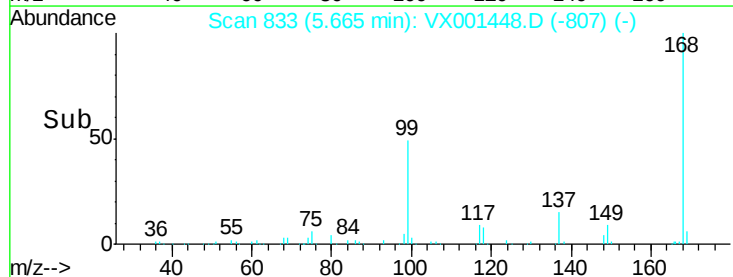
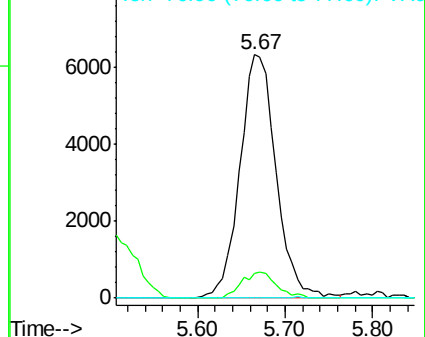
77 0.0 24.9 37.3#

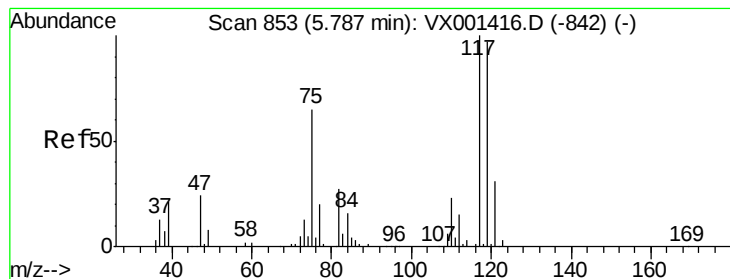


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.55 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001448.D

Acq: 06 May 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW302S-20180428

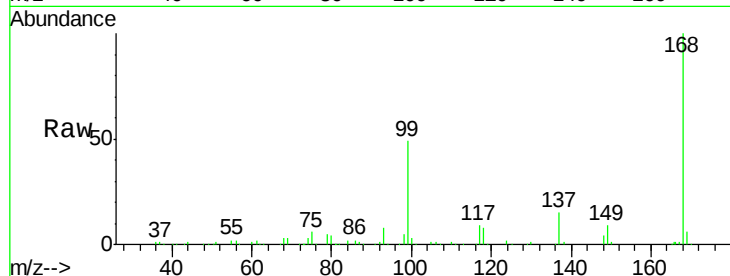
Tgt Ion:117 Resp: 24752

Ion Ratio Lower Upper

117 100

119 4.0 77.0 115.6#

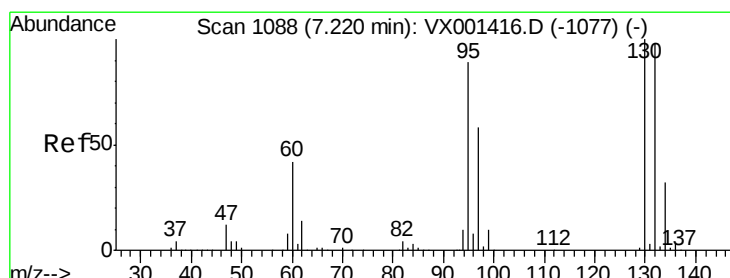
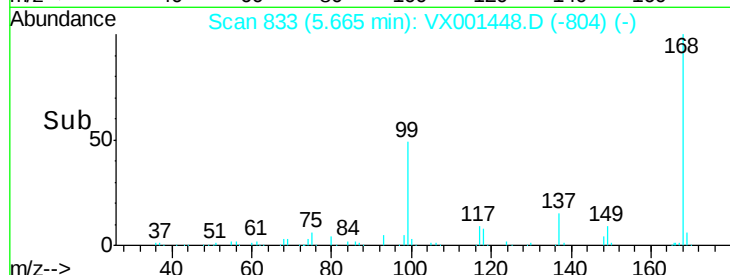
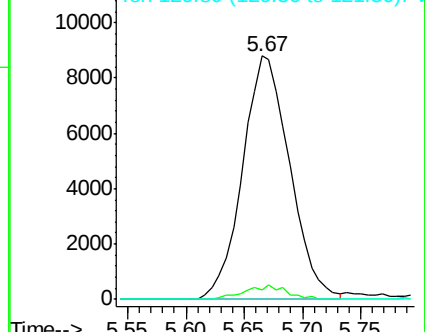
121 0.0 25.1 37.7#



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: 0.22 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001448.D

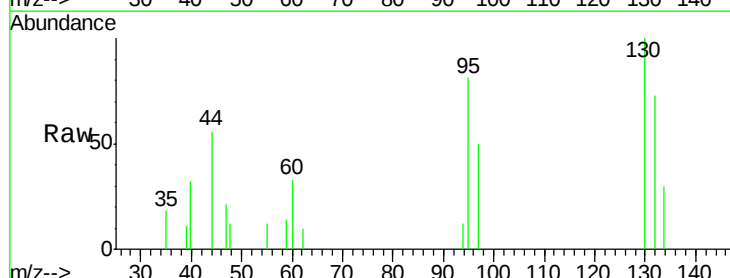
Acq: 06 May 2018 17:04

Tgt Ion:130 Resp: 991

Ion Ratio Lower Upper

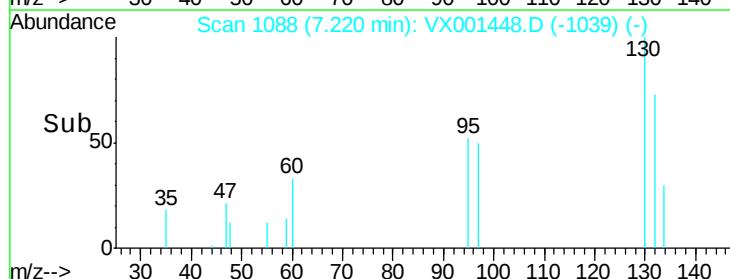
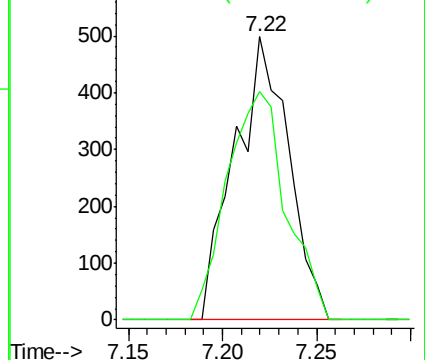
130 100

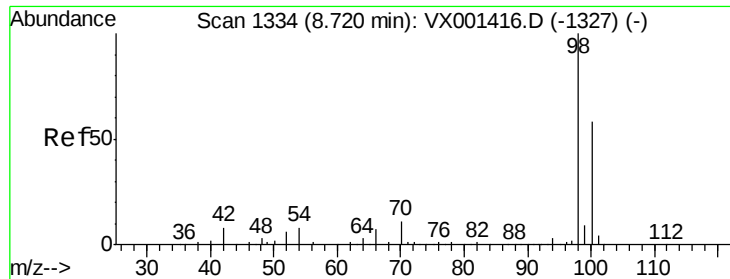
95 80.7 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.24 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001448.D

Acq: 06 May 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

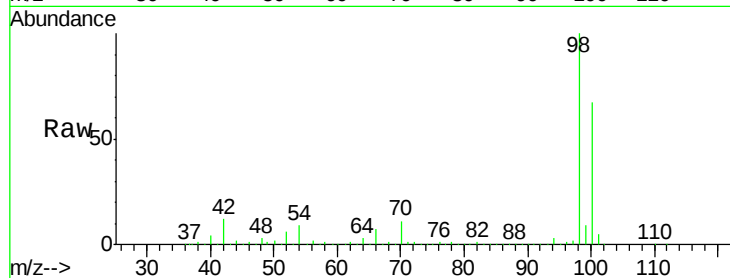
BPS1-TT-MW302S-20180428

Tgt Ion: 98 Resp: 667534

Ion Ratio Lower Upper

98 100

100 65.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

300000

200000

100000

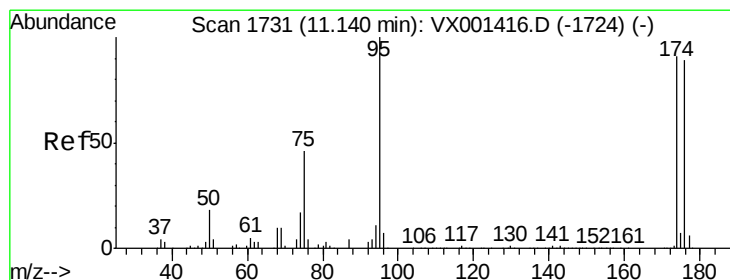
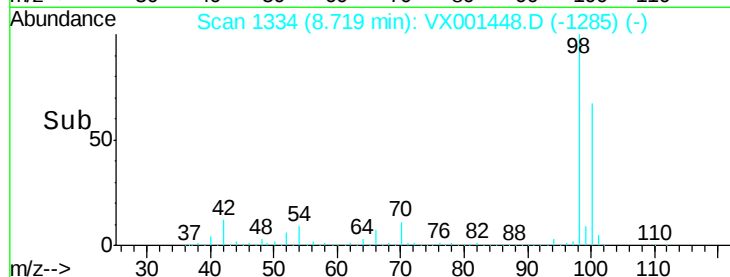
0

Time-->

8.60

8.80

9.00



#62

4-Bromofluorobenzene

Concen: 44.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001448.D

Acq: 06 May 2018 17:04

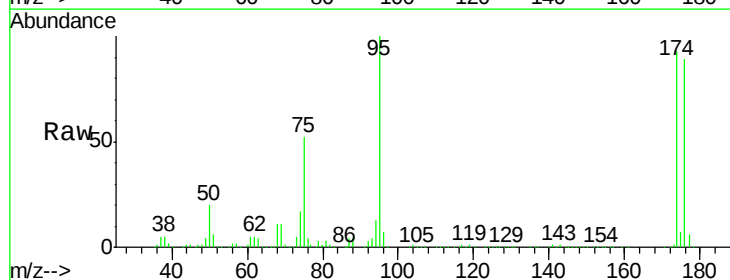
Tgt Ion: 95 Resp: 222802

Ion Ratio Lower Upper

95 100

174 100.6 0.0 202.0

176 97.8 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

150000

100000

50000

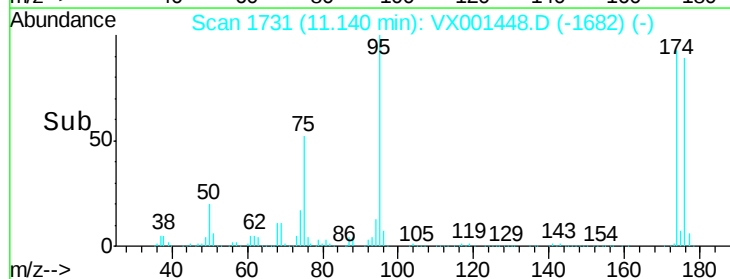
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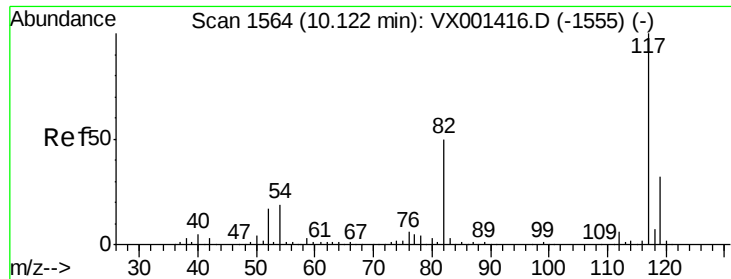
Time-->

11.10

11.20

11.30

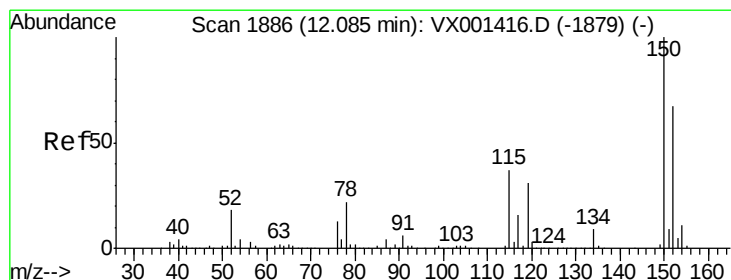
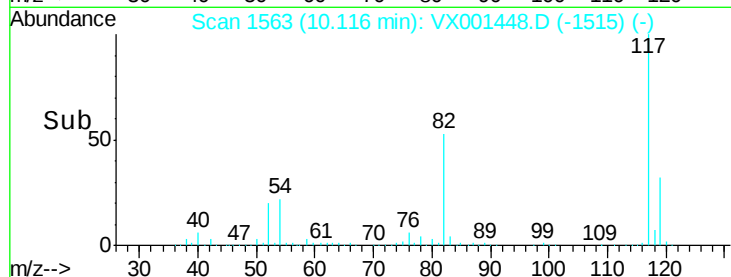
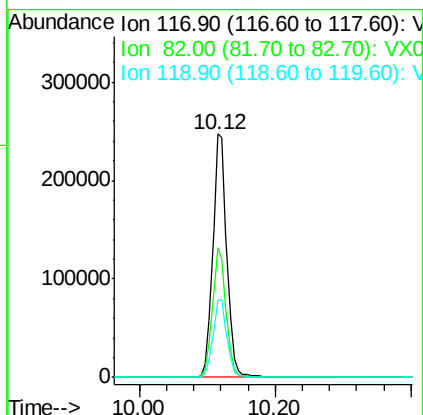
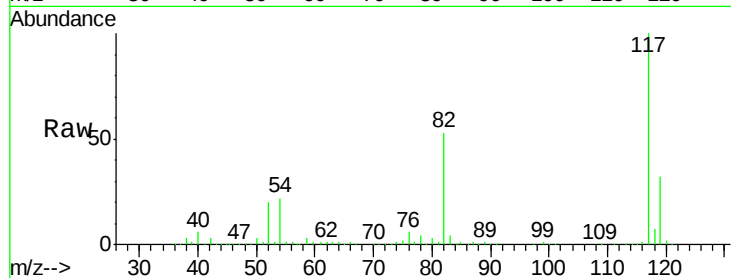




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001448.D
Acq: 06 May 2018 17:04

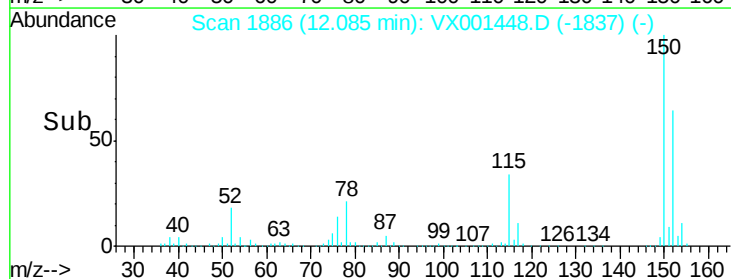
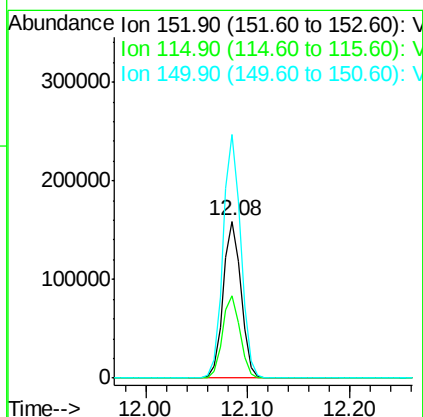
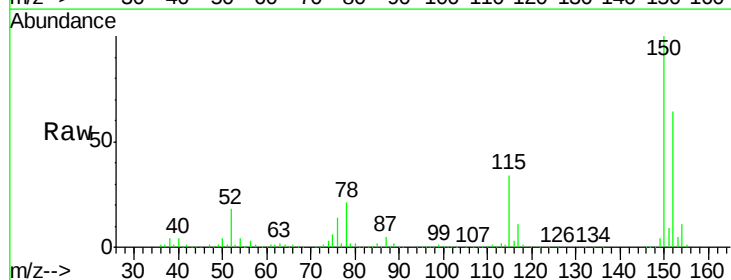
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW302S-20180428

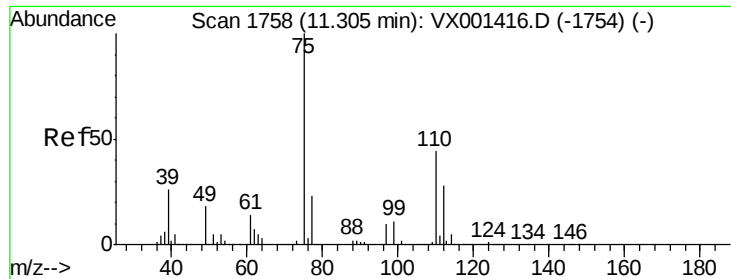
Tgt Ion:117 Resp: 351997
Ion Ratio Lower Upper
117 100
82 53.2 40.0 60.0
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001448.D
Acq: 06 May 2018 17:04

Tgt Ion:152 Resp: 193588
Ion Ratio Lower Upper
152 100
115 52.3 37.7 113.1
150 154.6 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001448.D

Acq: 06 May 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

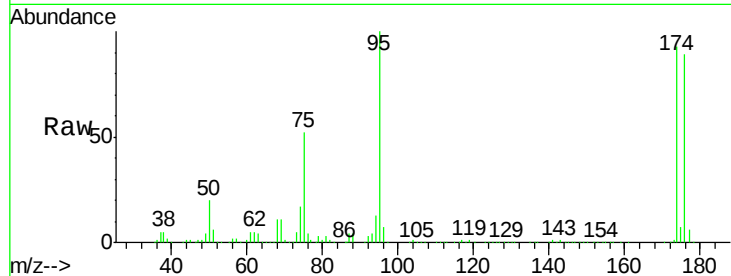
BPS1-TT-MW302S-20180428

Tgt Ion: 75 Resp: 113200

Ion Ratio Lower Upper

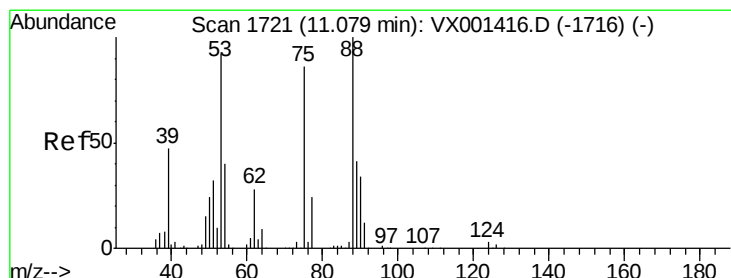
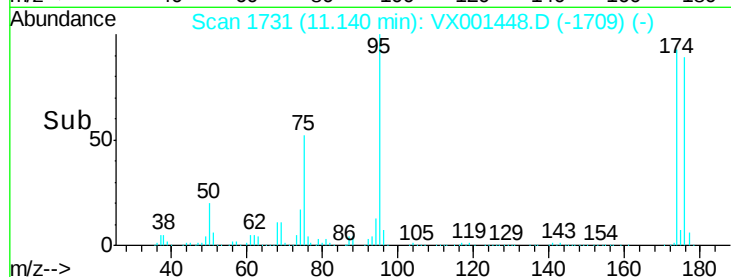
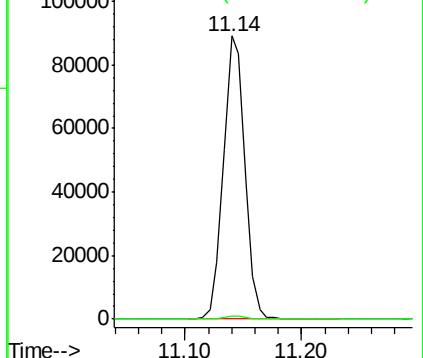
75 100

77 1.1 19.6 58.7#



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: 88.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001448.D

Acq: 06 May 2018 17:04

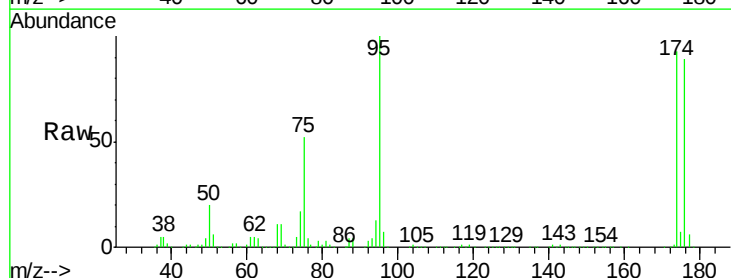
Tgt Ion: 75 Resp: 113200

Ion Ratio Lower Upper

75 100

53 0.1 84.5 126.7#

89 0.1 39.5 59.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

