

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050618\
 Data File : VX001454.D
 Acq On : 06 May 2018 19:44
 Operator : JC/MD
 Sample : J2659-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304D-20180429

Quant Time: May 07 07:11:47 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	280909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389421	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188373	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	248423	61.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.06%	
35) Dibromofluoromethane	5.51	113	190655	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
50) Toluene-d8	8.72	98	647653	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.14	95	215422	44.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.76%	

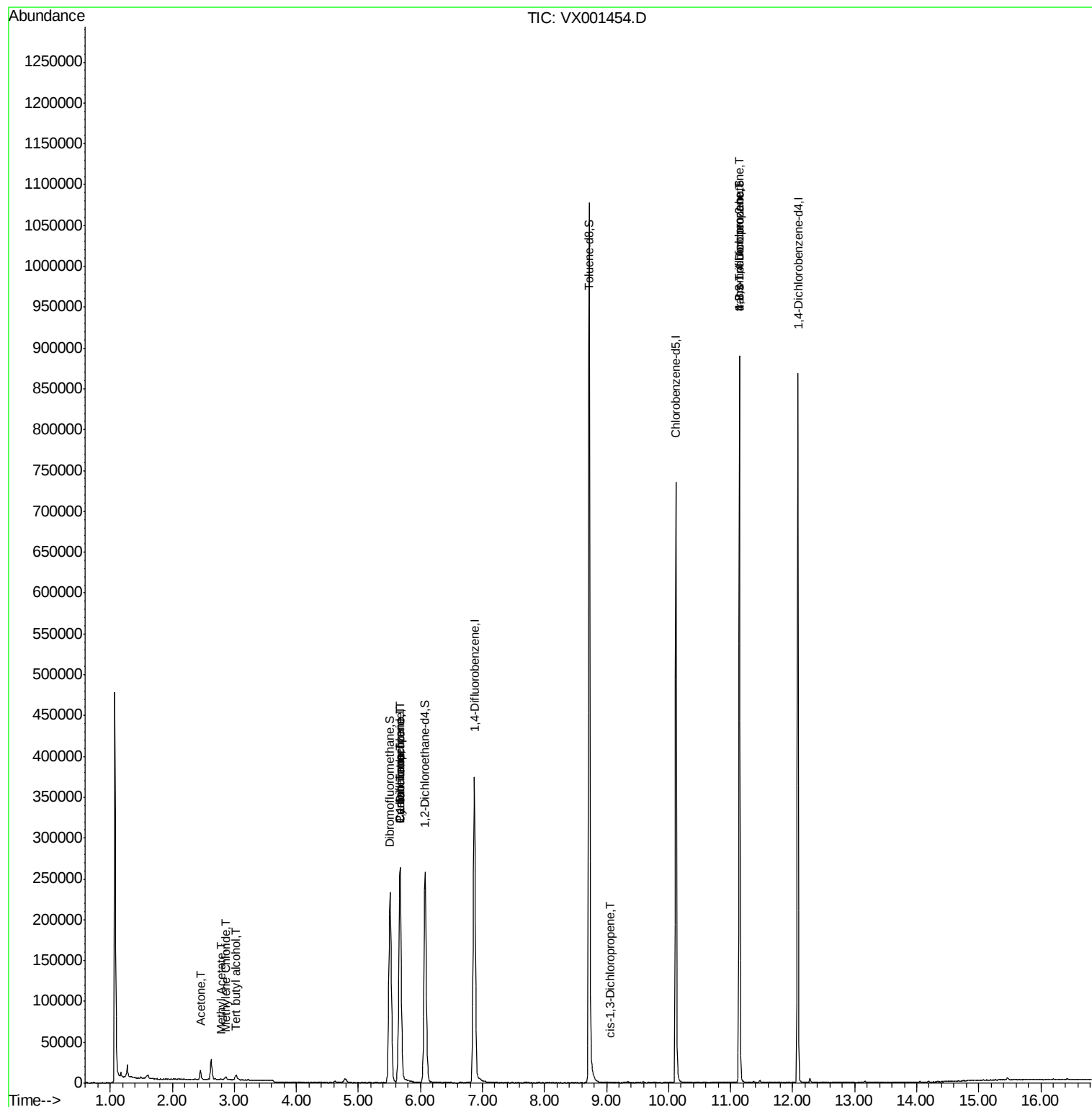
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	172	Below Cal	#	54
11) Tert butyl alcohol	3.02	59	3328	3.91	ug/l #	76
13) Acrolein	2.29	56	101	Below Cal		90
16) Acetone	2.45	43	11398	6.22	ug/l	96
18) Methyl Acetate	2.78	43	1038	0.22	ug/l #	83
20) Methylene Chloride	2.86	84	1434	0.40	ug/l	92
31) Cyclohexane	5.67	56	4673	0.90	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17303	3.49	ug/l #	50
38) Carbon Tetrachloride	5.67	117	24456	4.63	ug/l #	17
54) cis-1,3-Dichloropropene	9.06	75	19	2.27	ug/l #	34
76) 1,2,3-Trichloropropane	11.14	75	108658	28.44	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	108658	87.19	ug/l #	7

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001454.D

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MSVOA_X

ClientSampleId :

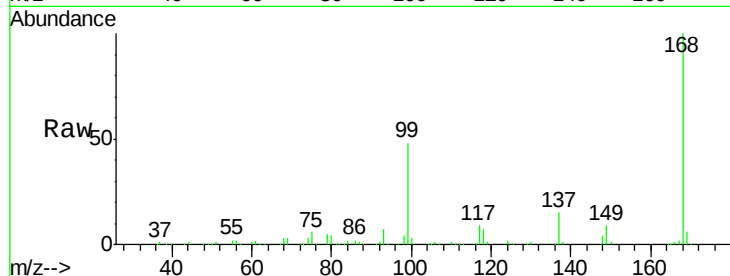
BPS1-TT-MW304D-20180429

Tgt Ion:168 Resp: 280909

Ion Ratio Lower Upper

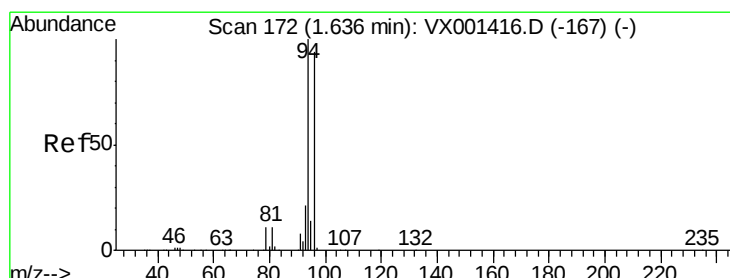
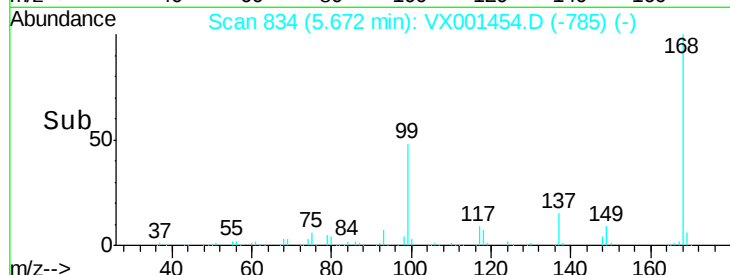
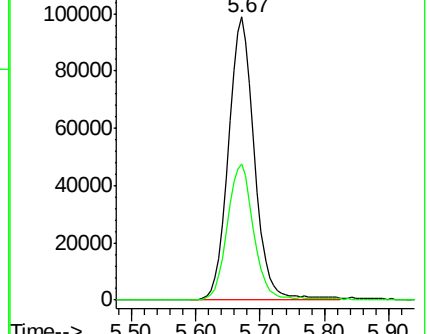
168 100

99 48.1 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001454.D

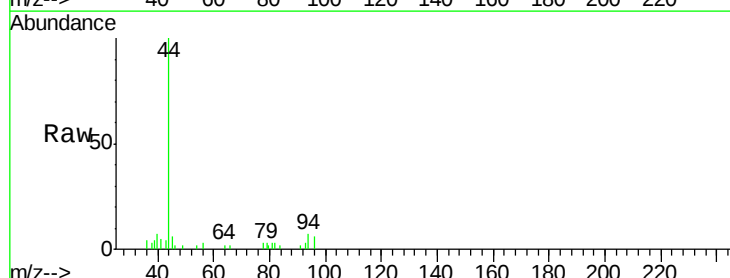
Acq: 06 May 2018 19:44

Tgt Ion: 94 Resp: 172

Ion Ratio Lower Upper

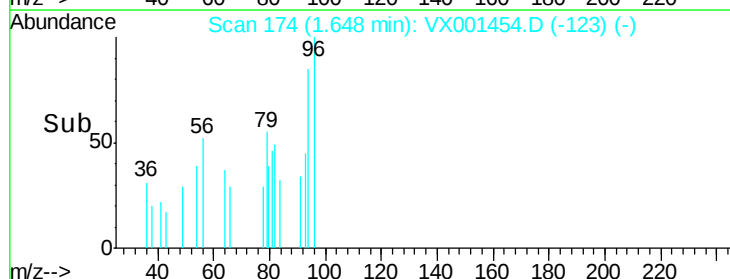
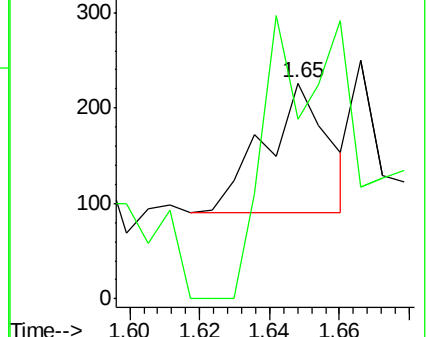
94 100

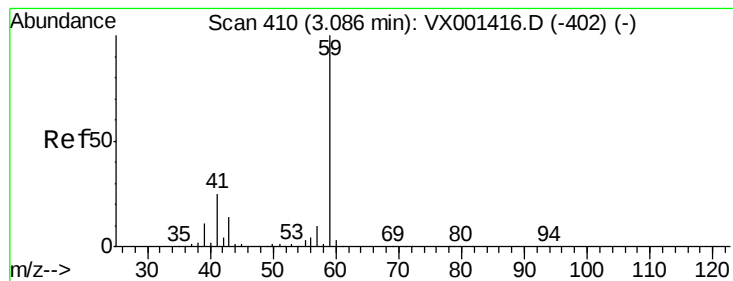
96 138.2 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



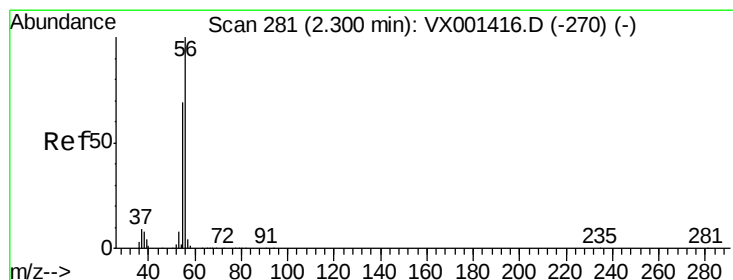
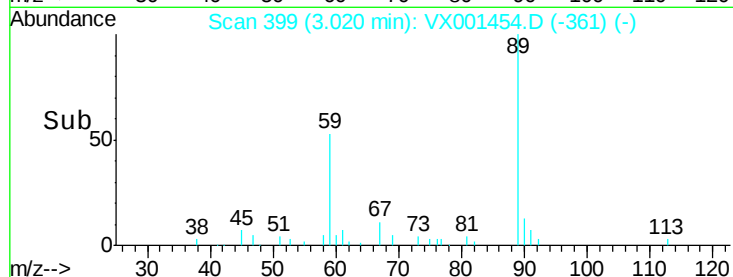
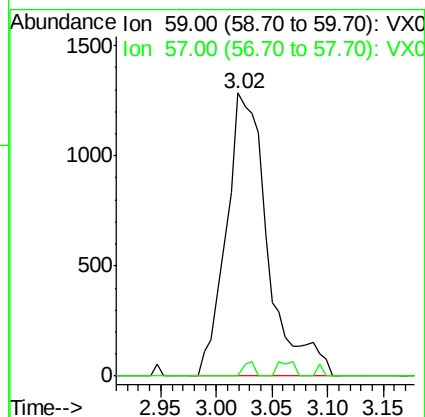
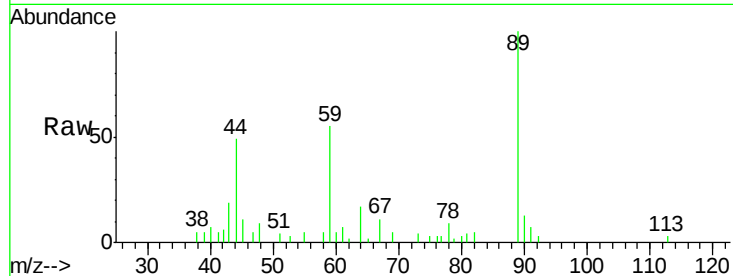


#11

Tert butyl alcohol
 Concen: 3.91 ug/l
 RT: 3.02 min Scan# 399
 Delta R.T. -0.07 min
 Lab File: VX001454.D
 Acq: 06 May 2018 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304D-20180429

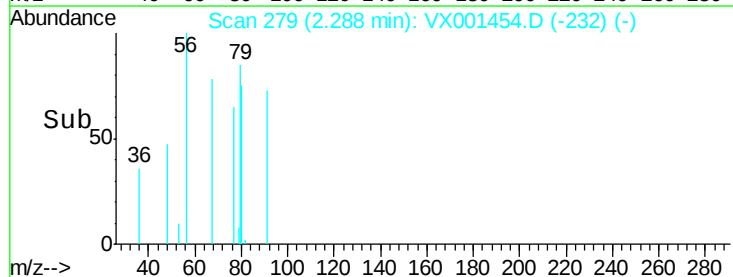
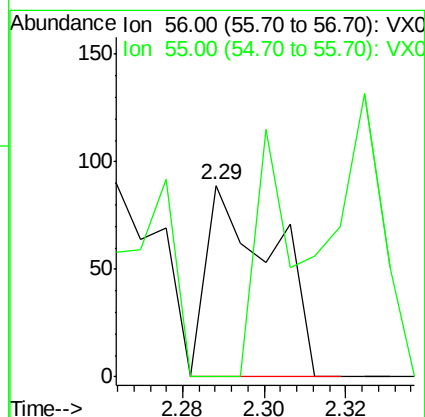
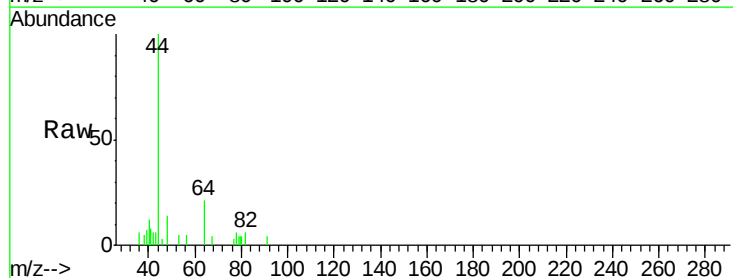
Tgt Ion: 59 Resp: 3328
 Ion Ratio Lower Upper
 59 100
 57 1.3 8.2 12.4#

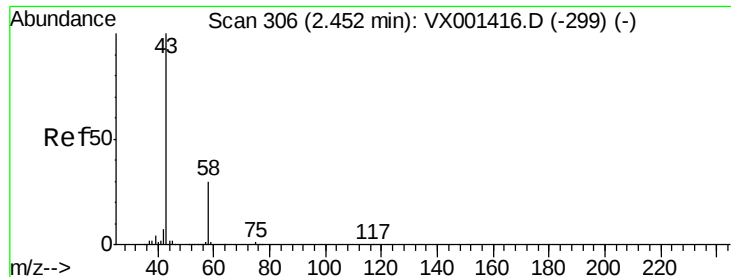


#13

Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX001454.D
 Acq: 06 May 2018 19:44

Tgt Ion: 56 Resp: 101
 Ion Ratio Lower Upper
 56 100
 55 60.4 54.5 81.7





#16

Acetone

Concen: 6.22 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001454.D

Acq: 06 May 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

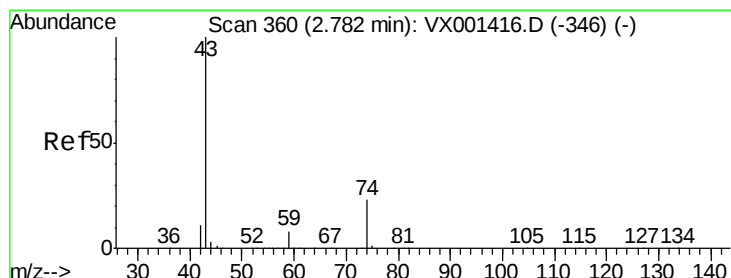
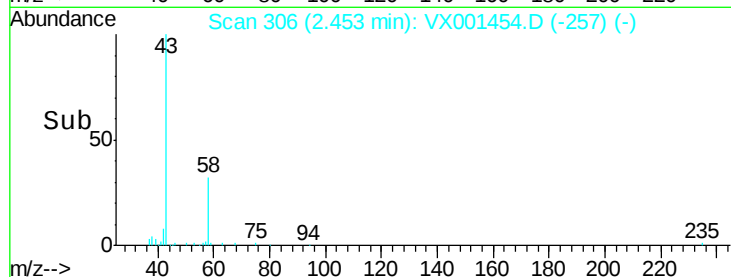
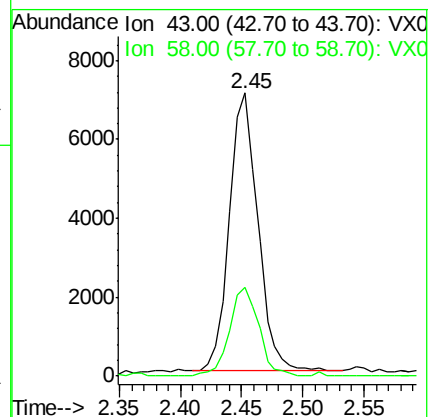
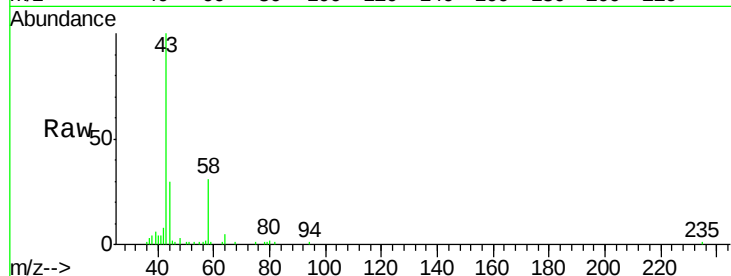
BPS1-TT-MW304D-20180429

Tgt Ion: 43 Resp: 11398

Ion Ratio Lower Upper

43 100

58 31.8 23.8 35.8



#18

Methyl Acetate

Concen: 0.22 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001454.D

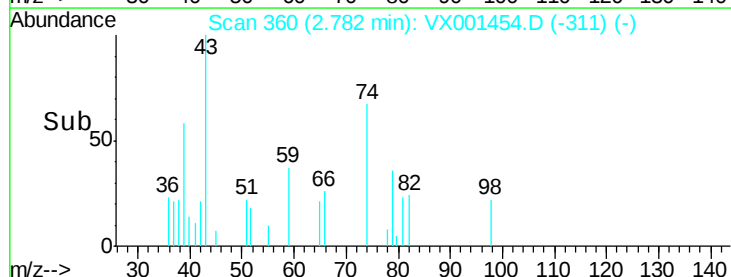
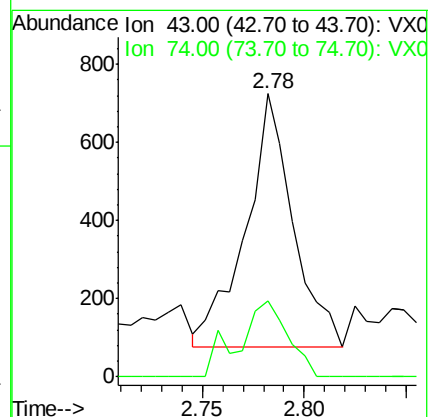
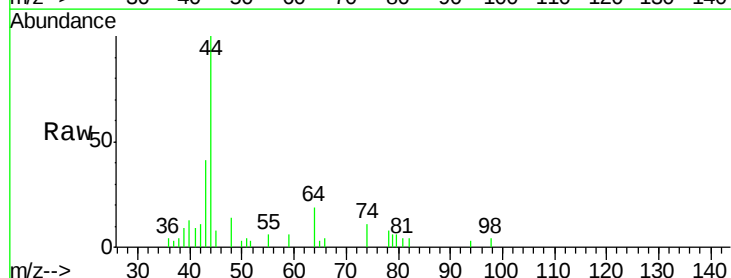
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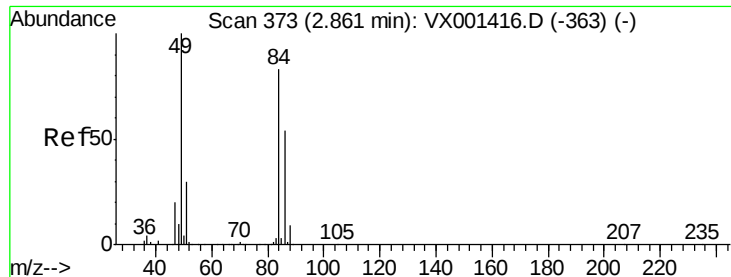
Tgt Ion: 43 Resp: 1038

Ion Ratio Lower Upper

43 100

74 31.5 18.6 27.8#

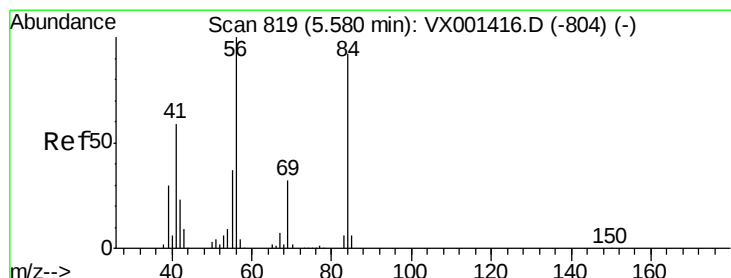
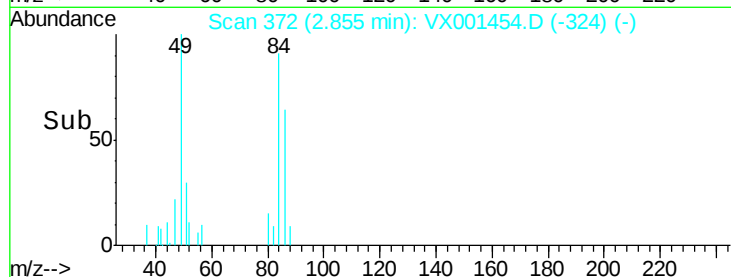
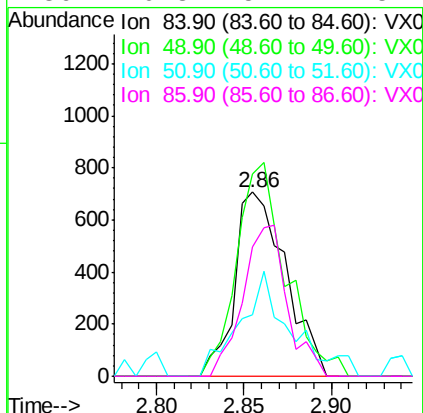
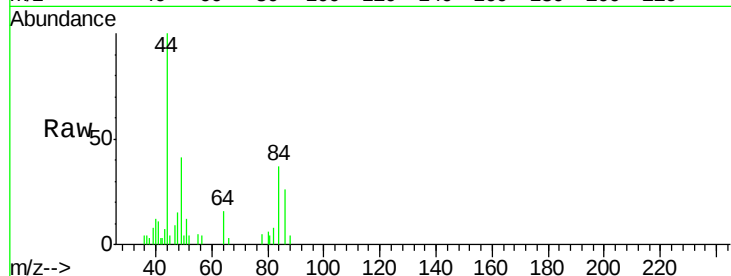




#20
Methylene Chloride
Concen: 0.40 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001454.D
Acq: 06 May 2018 19:44

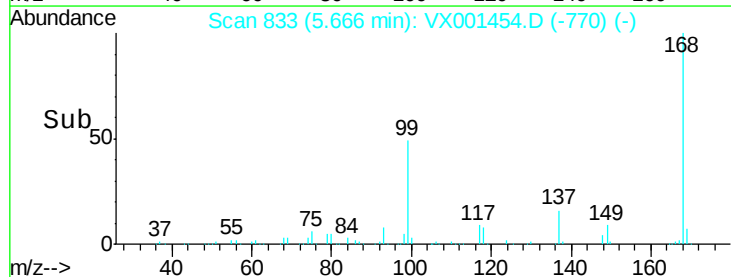
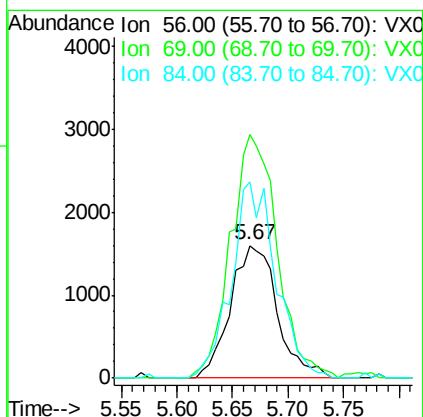
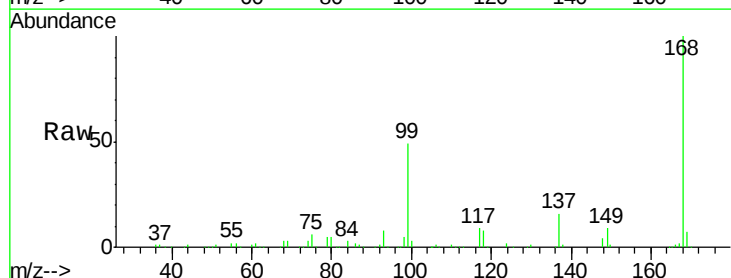
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20180429

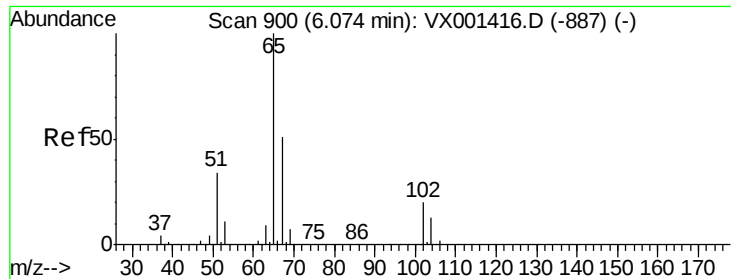
Tgt Ion:	84	Resp:	1434
Ion	Ratio	Lower	Upper
84	100		
49	110.2	96.6	144.8
51	33.4	29.0	43.4
86	70.3	52.2	78.4



#31
Cyclohexane
Concen: 0.90 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001454.D
Acq: 06 May 2018 19:44

Tgt Ion:	56	Resp:	4673
Ion	Ratio	Lower	Upper
56	100		
69	183.5	25.4	38.0#
84	147.7	73.8	110.8#

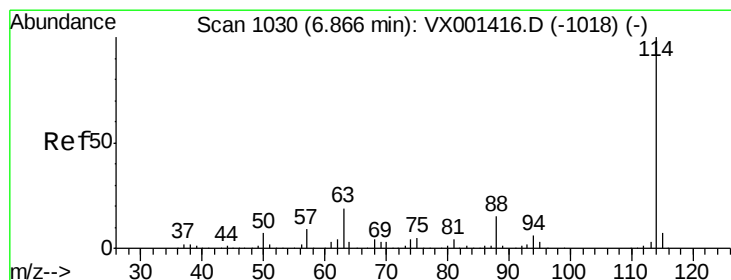
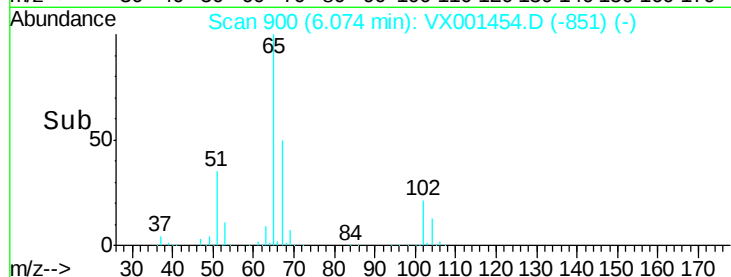
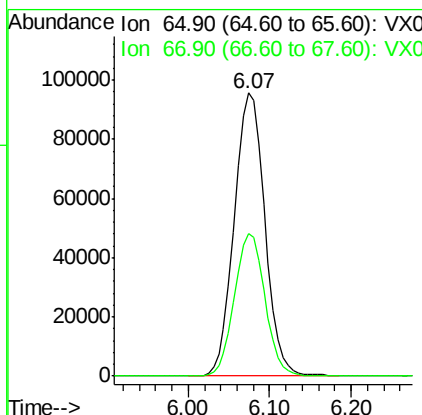
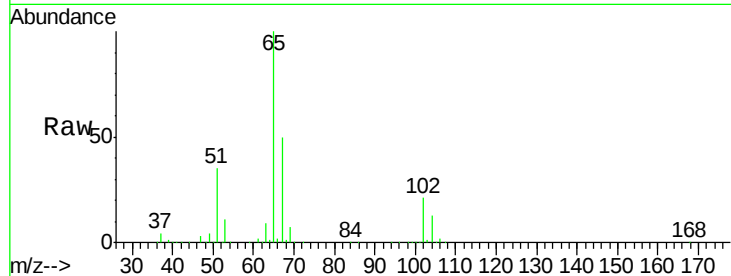




#33
 1,2-Dichloroethane-d4
 Concen: 61.53 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001454.D
 Acq: 06 May 2018 19:44

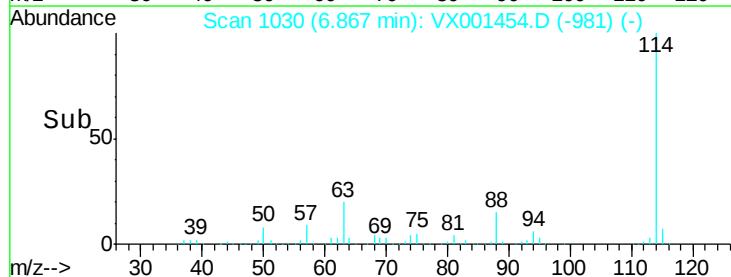
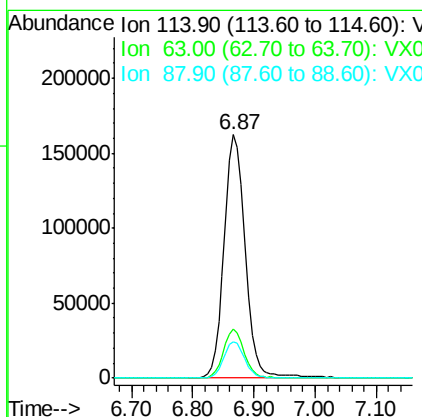
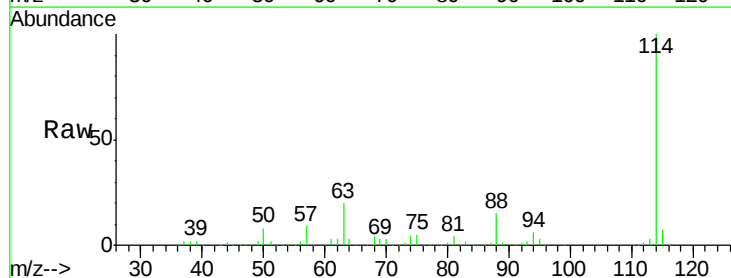
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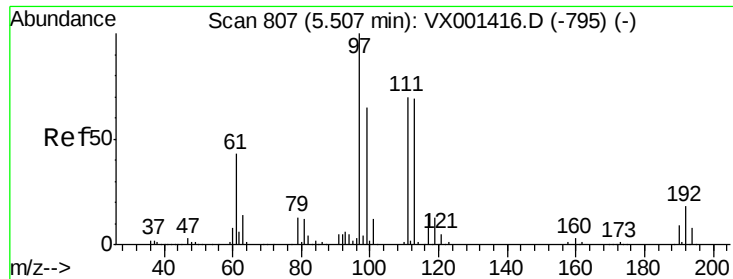
Tgt Ion: 65 Resp: 248423
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001454.D
 Acq: 06 May 2018 19:44

Tgt Ion: 114 Resp: 389421
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.6
 88 14.9 0.0 30.8

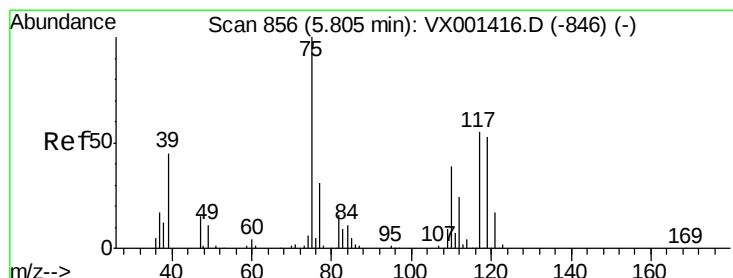
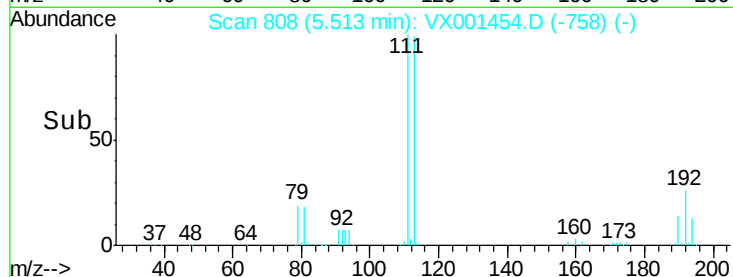
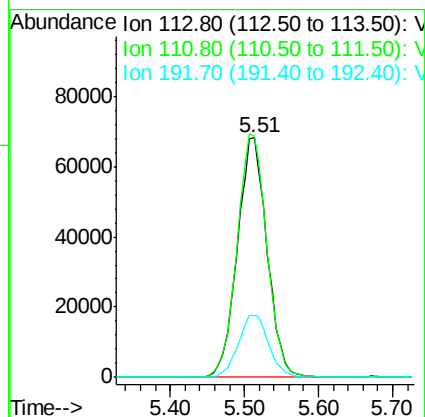
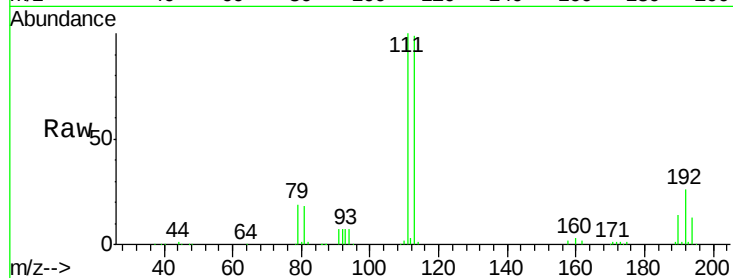




#35
 Dibromofluoromethane
 Concen: 55.04 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001454.D
 Acq: 06 May 2018 19:44

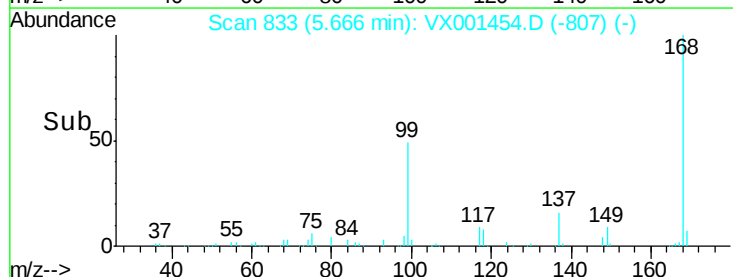
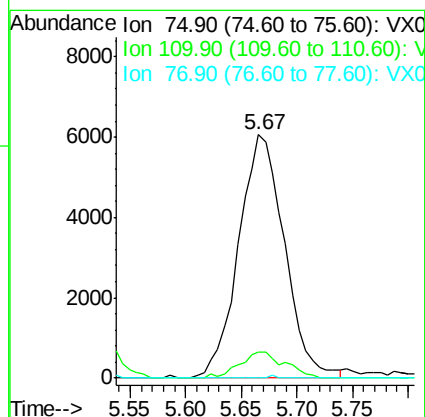
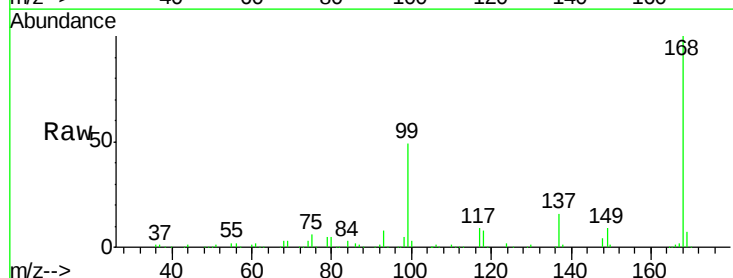
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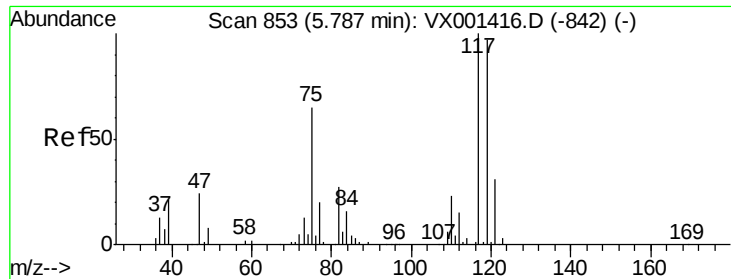
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	26.6	21.4	32.0



#36
 1,1-Dichloropropene
 Concen: 3.49 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001454.D
 Acq: 06 May 2018 19:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.9	56.7#
77	0.1	24.9	37.3#

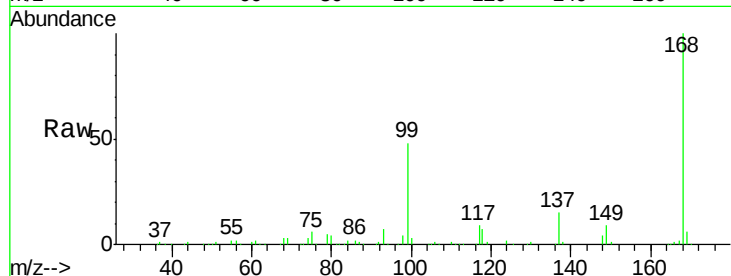




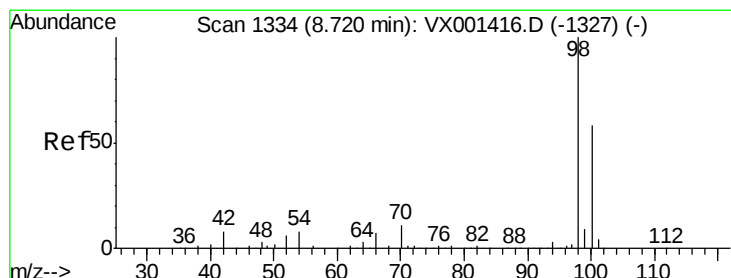
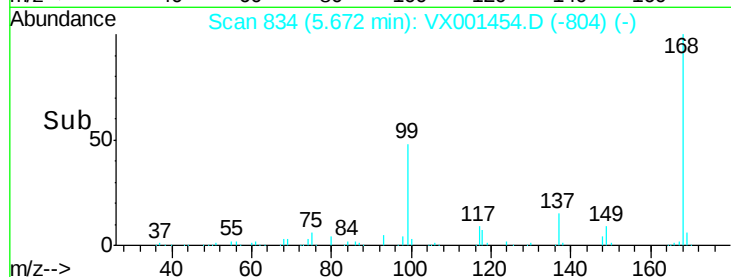
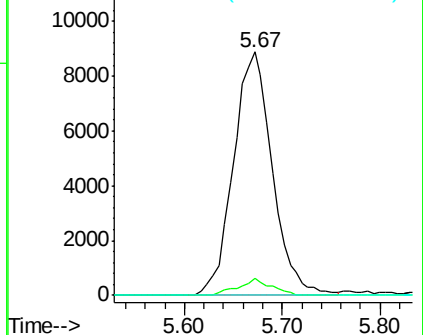
#38
Carbon Tetrachloride
Concen: 4.63 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001454.D
Acq: 06 May 2018 19:44

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 117 Resp: 24456
Ion Ratio Lower Upper
117 100
119 6.9 77.0 115.6#
121 0.0 25.1 37.7#

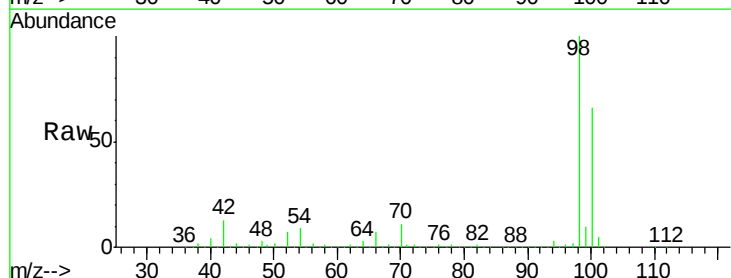


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

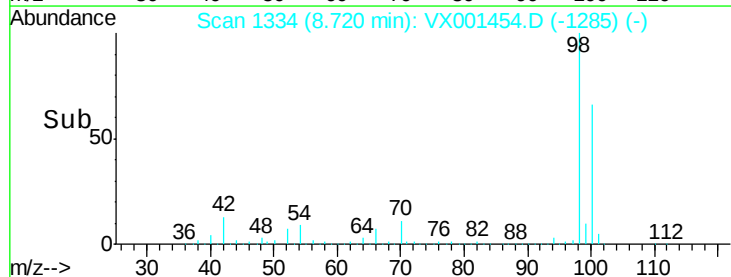
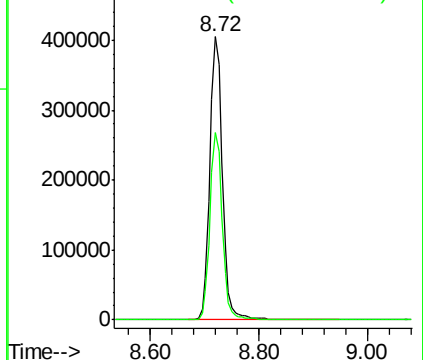


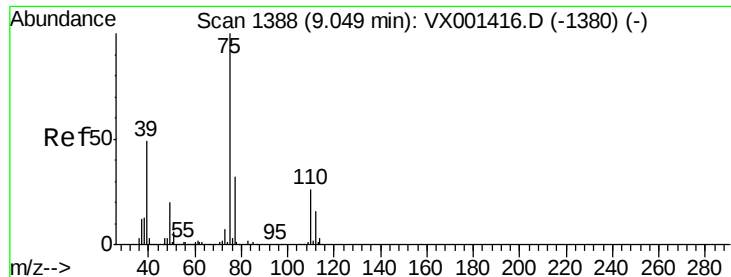
#50
Toluene-d8
Concen: 51.22 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001454.D
Acq: 06 May 2018 19:44

Tgt Ion: 98 Resp: 647653
Ion Ratio Lower Upper
98 100
100 65.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#54

cis-1,3-Dichloropropene

Concen: 2.27 ug/l

RT: 9.06 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VX001454.D

Acq: 06 May 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

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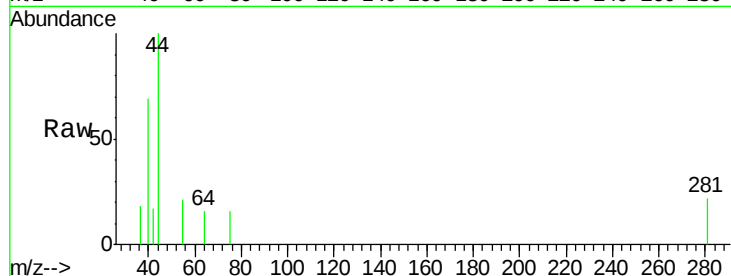
Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

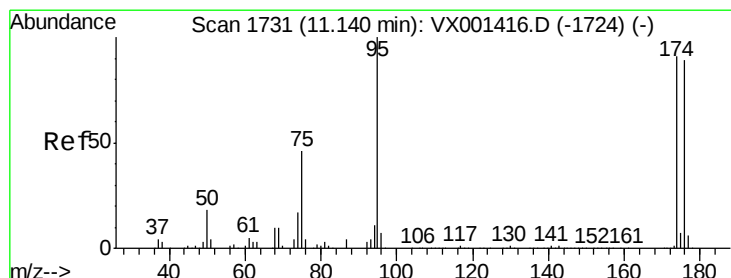
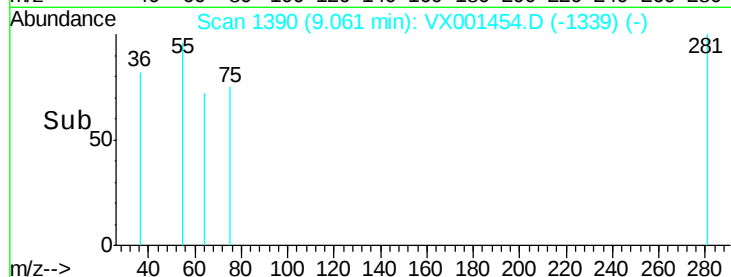
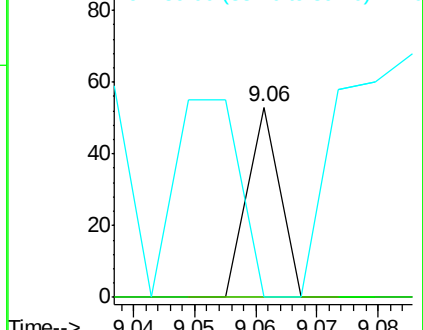
39 0.0 38.9 58.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001454.D

Acq: 06 May 2018 19:44

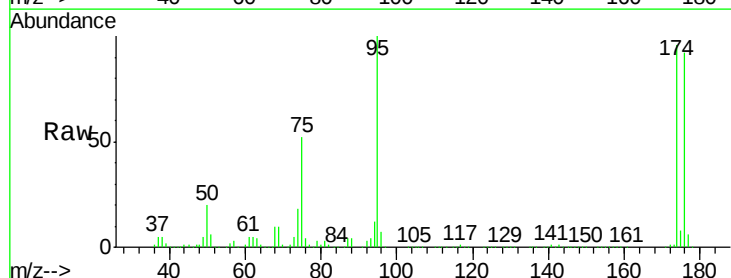
Tgt Ion: 95 Resp: 215422

Ion Ratio Lower Upper

95 100

174 100.9 0.0 202.0

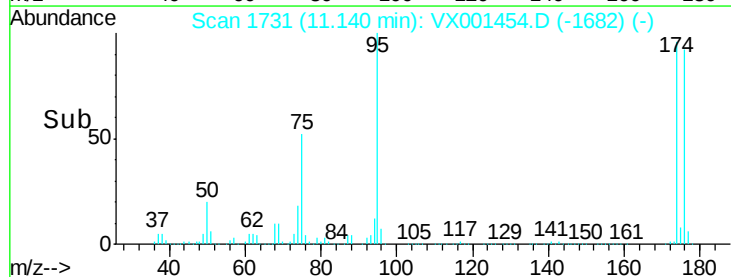
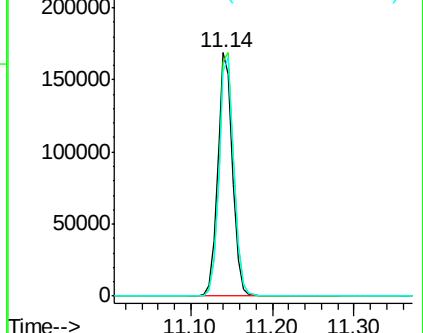
176 98.2 0.0 197.4

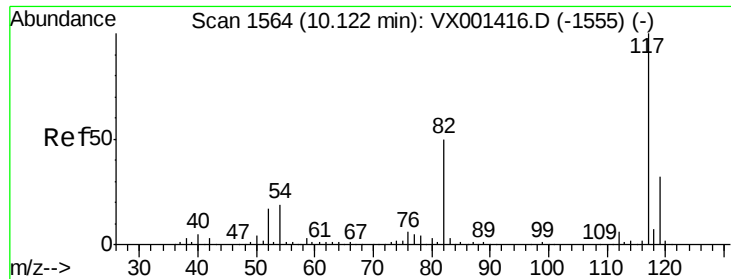


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

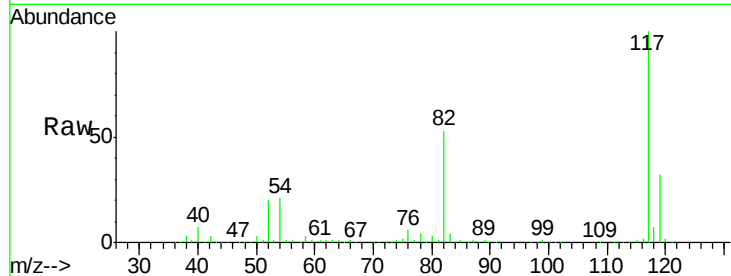




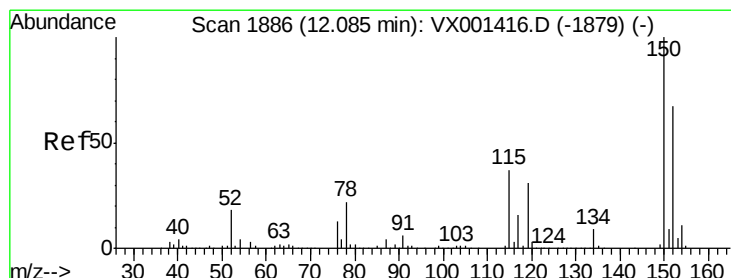
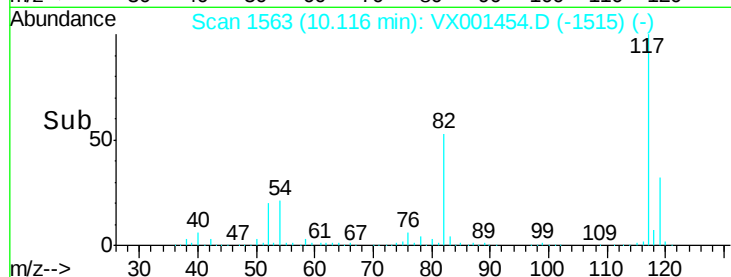
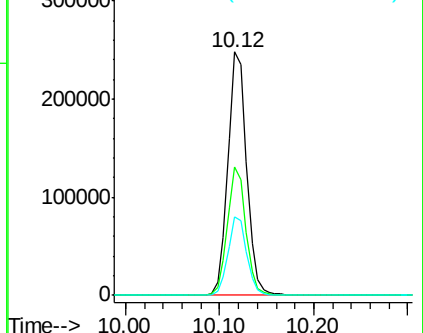
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001454.D
Acq: 06 May 2018 19:44

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20180429

Tgt Ion:117 Resp: 343481
Ion Ratio Lower Upper
117 100
82 52.5 40.0 60.0
119 32.5 25.8 38.8

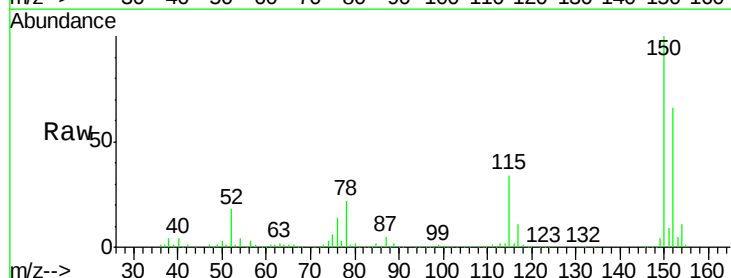


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

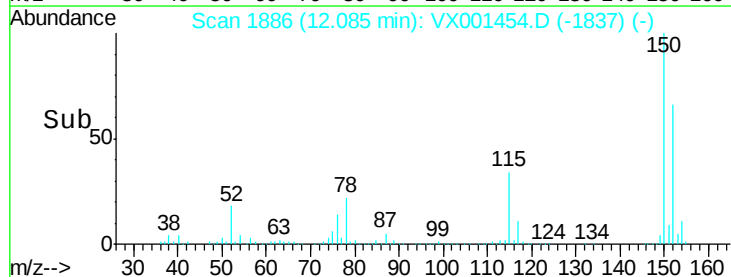
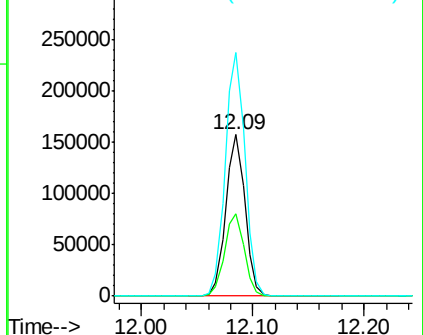


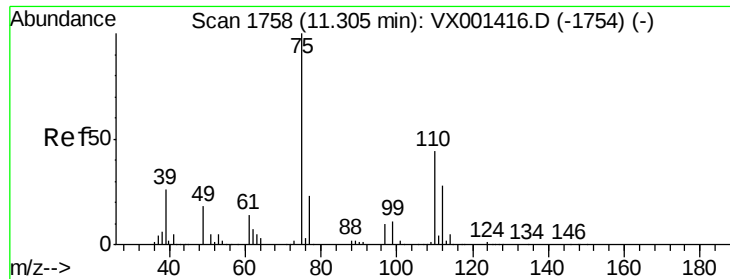
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001454.D
Acq: 06 May 2018 19:44

Tgt Ion:152 Resp: 188373
Ion Ratio Lower Upper
152 100
115 52.4 37.7 113.1
150 155.3 0.0 349.4



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: 28.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001454.D

Acq: 06 May 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

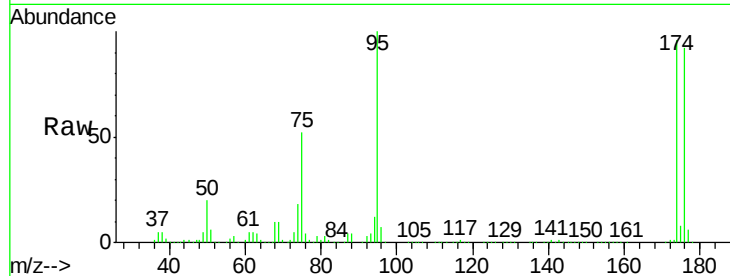
BPS1-TT-MW304D-20180429

Tgt Ion: 75 Resp: 108658

Ion Ratio Lower Upper

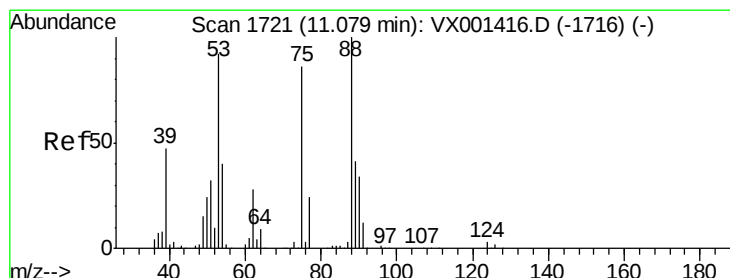
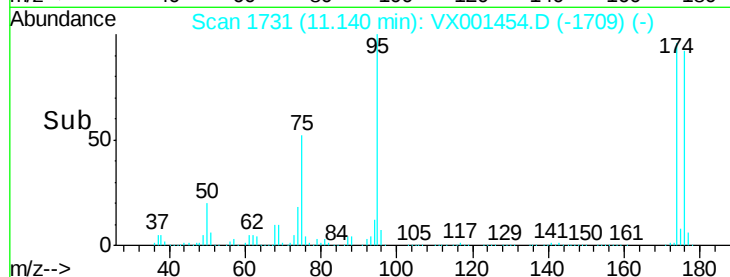
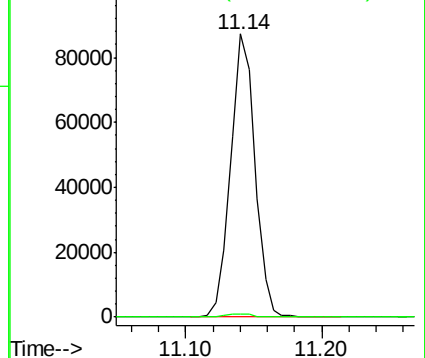
75 100

77 1.3 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: 87.19 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001454.D

Acq: 06 May 2018 19:44

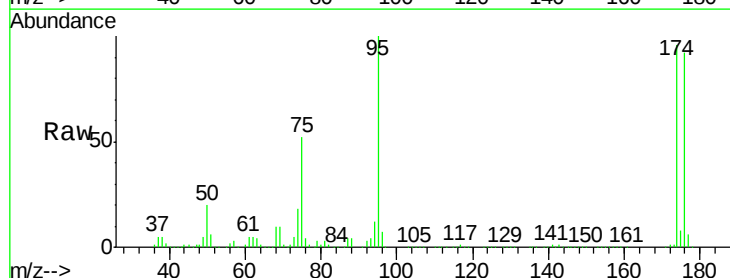
Tgt Ion: 75 Resp: 108658

Ion Ratio Lower Upper

75 100

53 0.0 84.5 126.7#

89 0.0 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

