

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050718\
 Data File : VX001475.D
 Acq On : 07 May 2018 19:20
 Operator : JC/MD
 Sample : J2569-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304I2-20180429RE

Quant Time: May 08 06:08:52 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	253018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	350311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170007	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	217496	59.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.62%	
35) Dibromofluoromethane	5.51	113	168153	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
50) Toluene-d8	8.72	98	593921	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.14	95	194383	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	

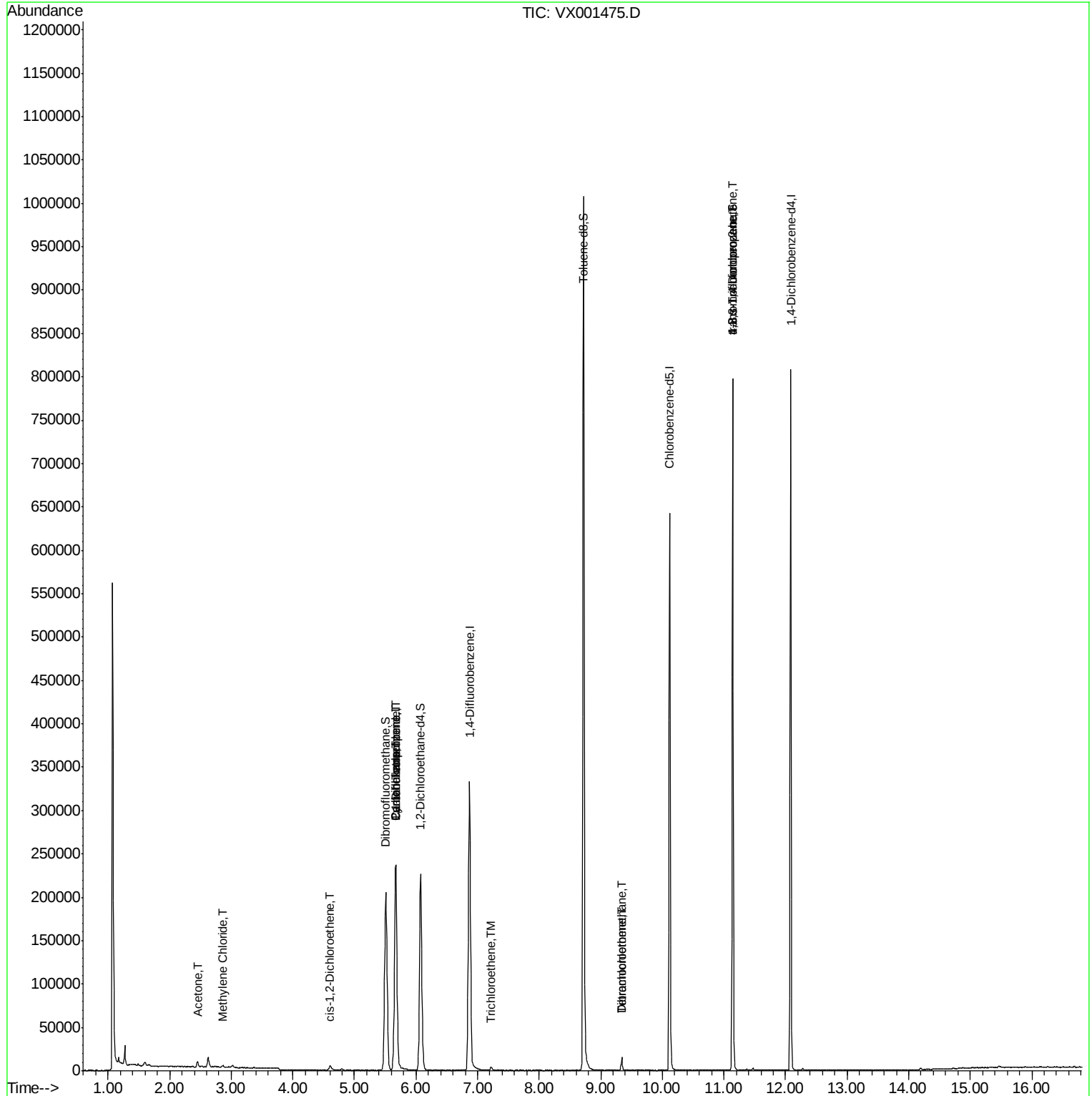
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	776	Below Cal	#	56
13) Acrolein	2.31	56	99	Below Cal	#	1
16) Acetone	2.45	43	6752	4.09	ug/l	97
20) Methylene Chloride	2.87	84	823	0.25	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	2876	0.86	ug/l	66
31) Cyclohexane	5.67	56	4417	0.94	ug/l #	8
36) 1,1-Dichloropropene	5.67	75	15589	3.50	ug/l #	50
38) Carbon Tetrachloride	5.67	117	22256	4.68	ug/l #	15
44) Trichloroethene	7.22	130	1578	0.40	ug/l	70
60) Dibromochloromethane	9.34	129	2531	0.72	ug/l #	11
64) Tetrachloroethene	9.34	164	3249	0.76	ug/l	85
76) 1,2,3-Trichloropropane	11.14	75	98815	28.66	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	98815	87.83	ug/l #	7

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

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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001475.D

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Instrument :

MSVOA_X

ClientSampleId :

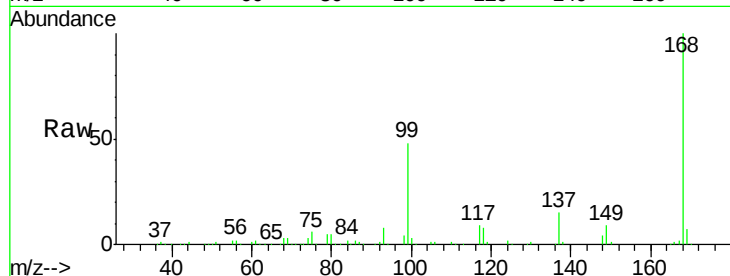
BPS1-TT-MW30412-20180429RE

Tgt Ion:168 Resp: 253018

Ion Ratio Lower Upper

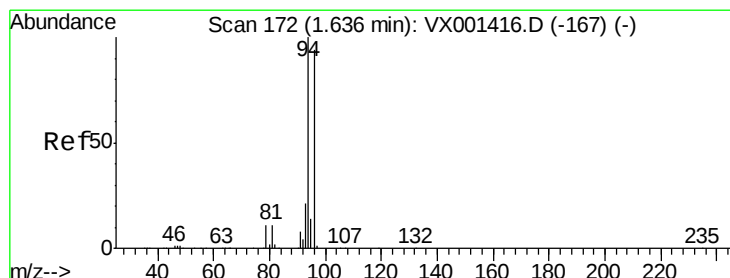
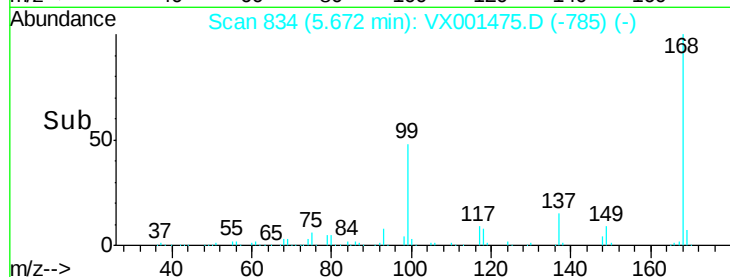
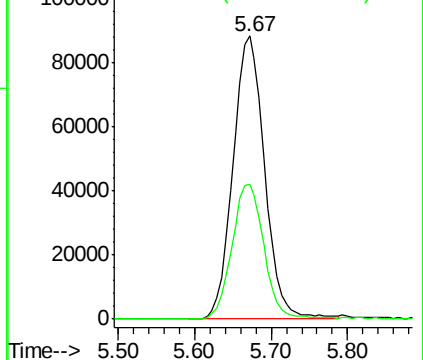
168 100

99 47.6 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# 175

Delta R.T. 0.02 min

Lab File: VX001475.D

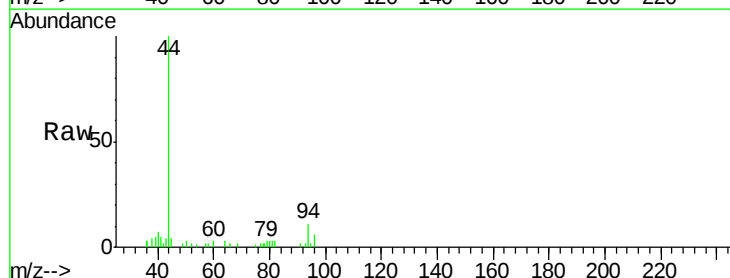
Acq: 07 May 2018 19:20

Tgt Ion: 94 Resp: 776

Ion Ratio Lower Upper

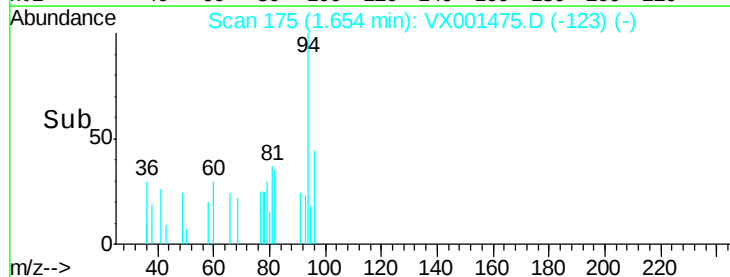
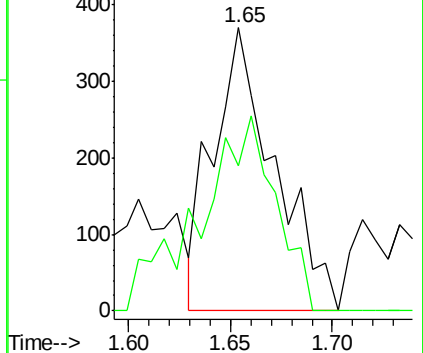
94 100

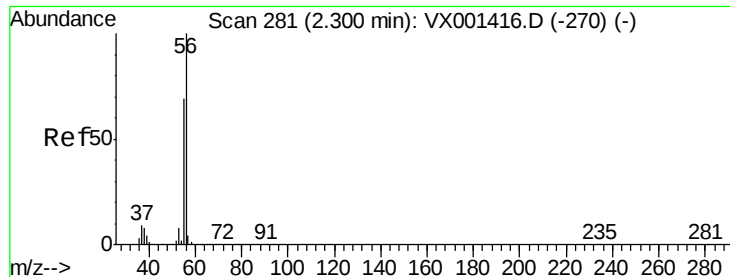
96 51.4 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

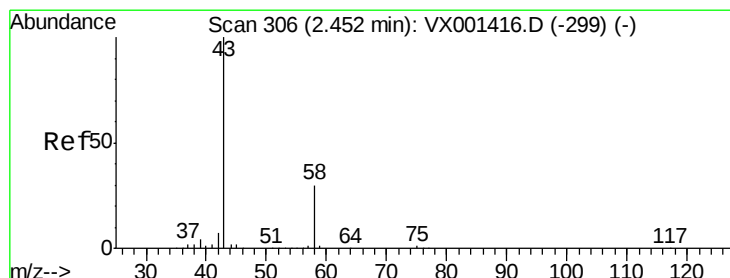
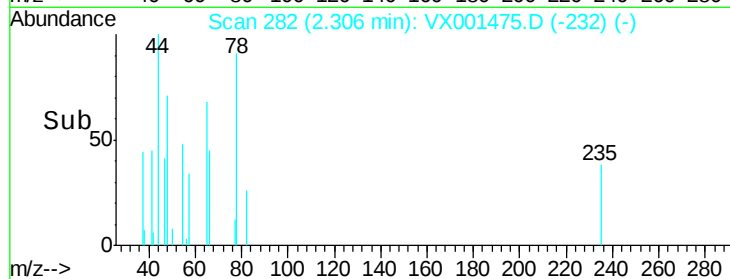
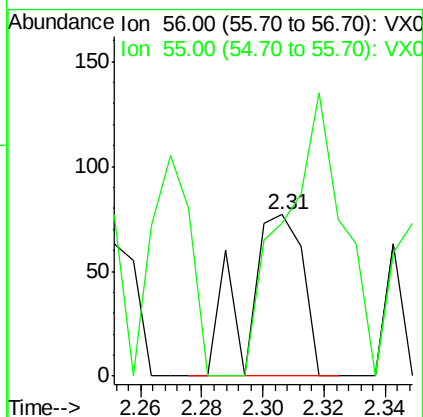
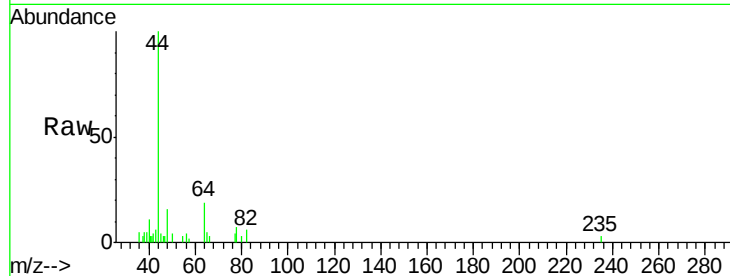




#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX001475.D
Acq: 07 May 2018 19:20

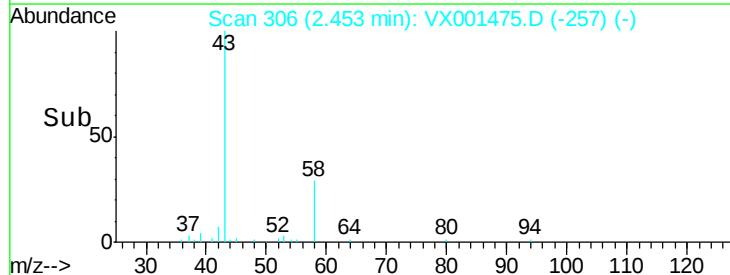
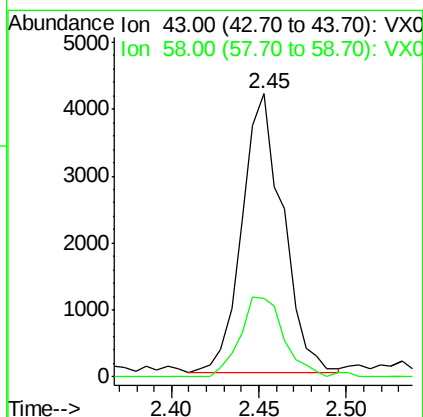
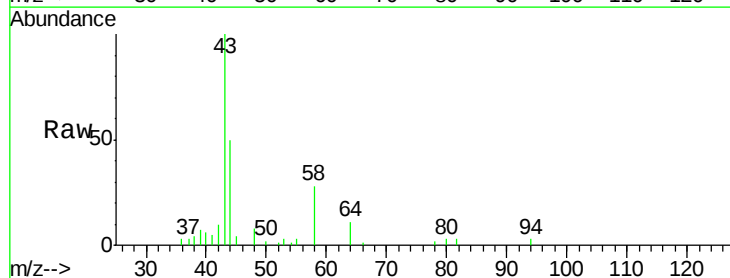
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30412-20180429RE

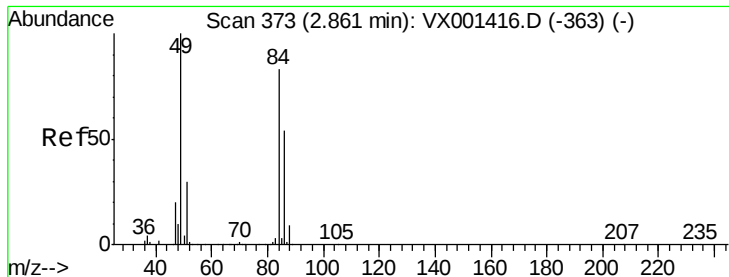
Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 183.8 54.5 81.7#



#16
Acetone
Concen: 4.09 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001475.D
Acq: 07 May 2018 19:20

Tgt Ion: 43 Resp: 6752
Ion Ratio Lower Upper
43 100
58 28.2 23.8 35.8





#20

Methylene Chloride

Concen: 0.25 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX001475.D

Acq: 07 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304I2-20180429RE

Tgt Ion: 84 Resp: 823

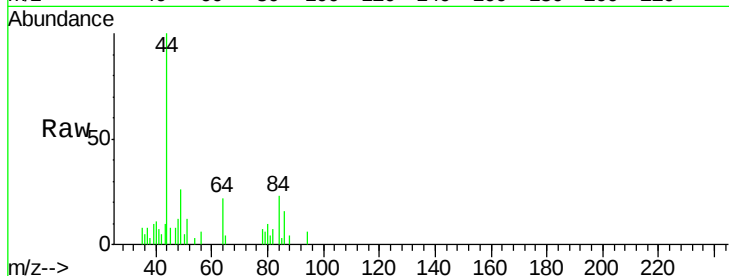
Ion Ratio Lower Upper

84 100

49 115.1 96.6 144.8

51 36.8 29.0 43.4

86 70.6 52.2 78.4

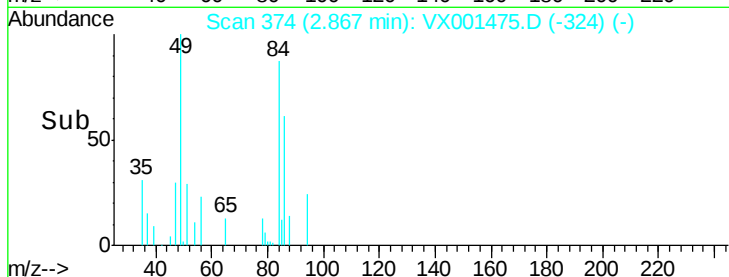
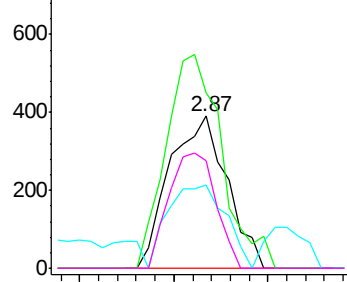


Abundance Ion 83.90 (83.60 to 84.60): VX0

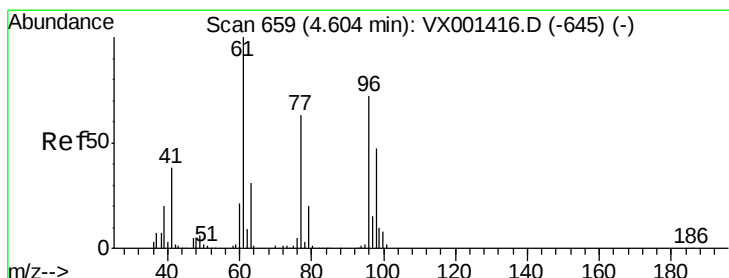
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.86 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001475.D

Acq: 07 May 2018 19:20

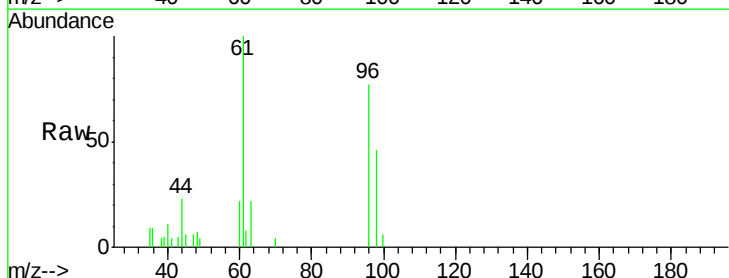
Tgt Ion: 96 Resp: 2876

Ion Ratio Lower Upper

96 100

61 207.7 0.0 301.6

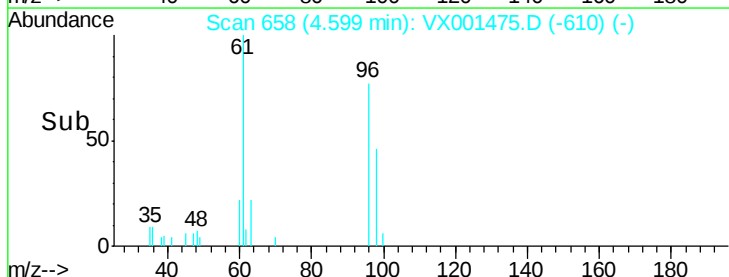
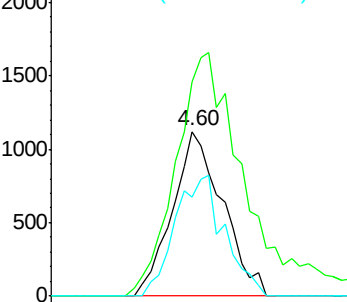
98 72.5 0.0 131.6



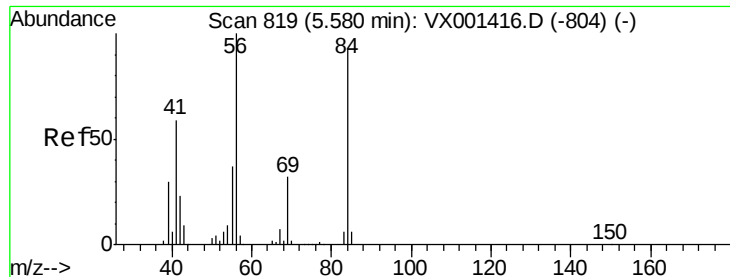
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



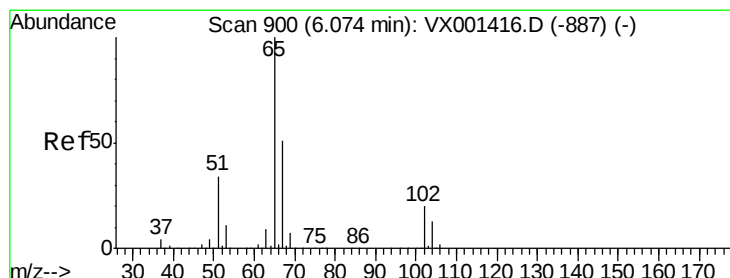
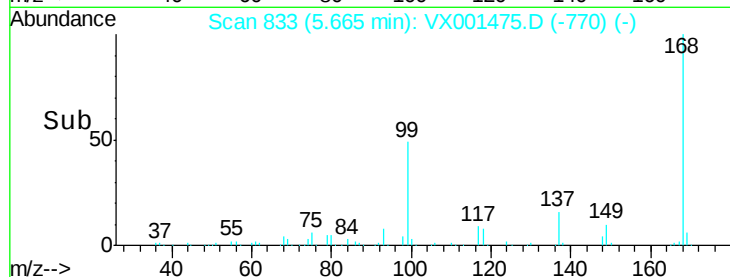
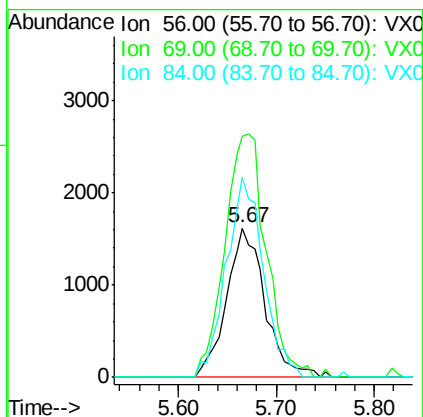
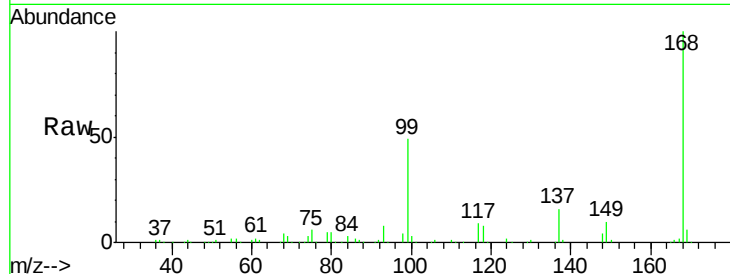
Time-->



#31
Cyclohexane
Concen: 0.94 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001475.D
Acq: 07 May 2018 19:20

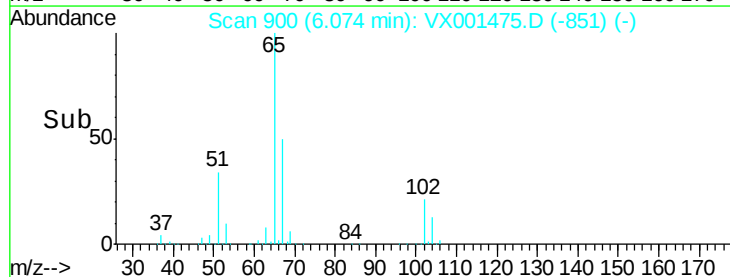
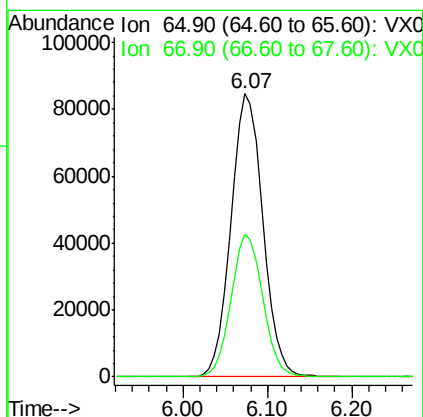
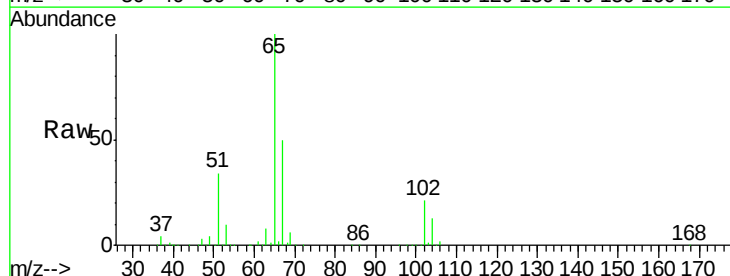
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30412-20180429RE

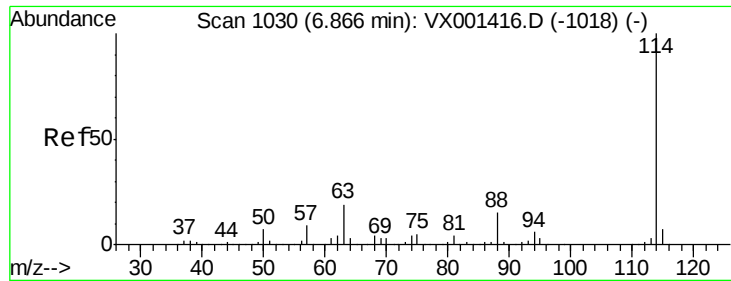
Tgt Ion: 56 Resp: 4417
Ion Ratio Lower Upper
56 100
69 161.1 25.4 38.0#
84 134.0 73.8 110.8#



#33
1,2-Dichloroethane-d4
Concen: 59.81 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001475.D
Acq: 07 May 2018 19:20

Tgt Ion: 65 Resp: 217496
Ion Ratio Lower Upper
65 100
67 49.9 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: VX001475.D

Acq: 07 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30412-20180429RE

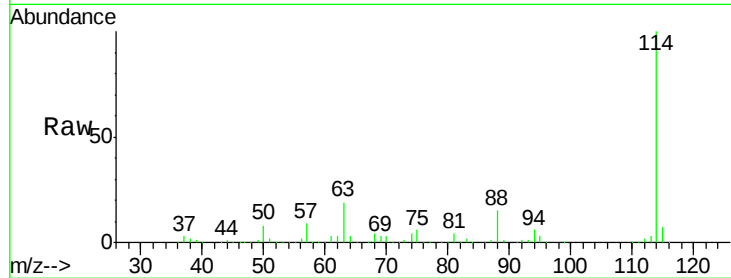
Tgt Ion:114 Resp: 350311

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

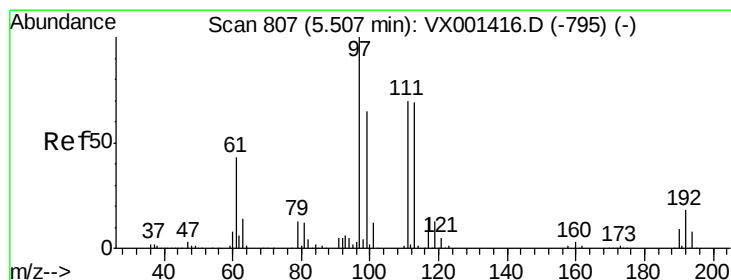
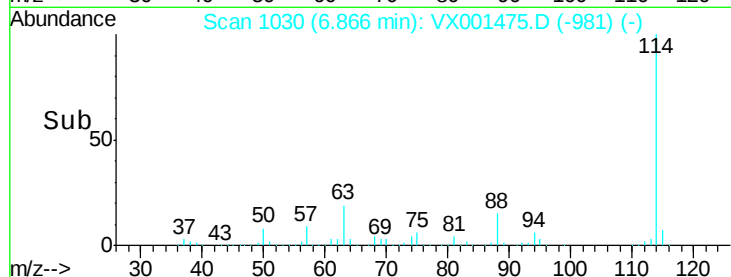
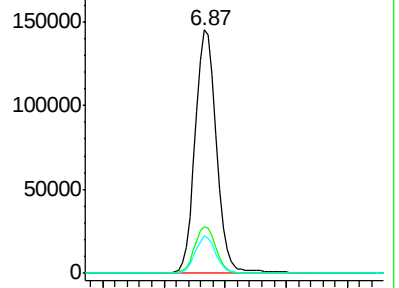
88 15.4 0.0 30.8



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: 53.96 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001475.D

Acq: 07 May 2018 19:20

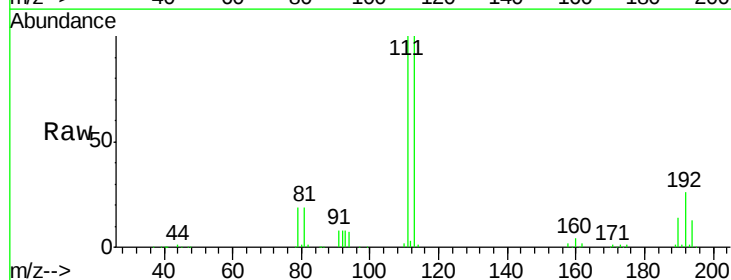
Tgt Ion:113 Resp: 168153

Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.2

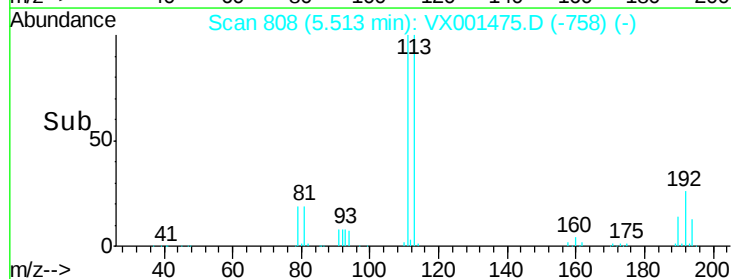
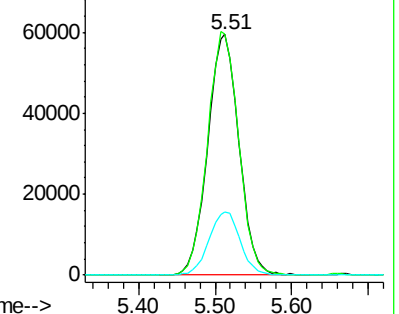
192 26.3 21.4 32.0

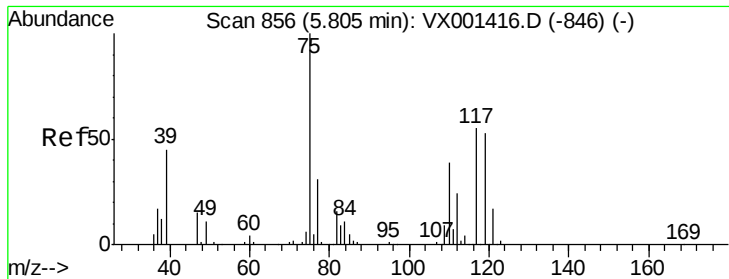


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.50 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001475.D

Acq: 07 May 2018 19:20

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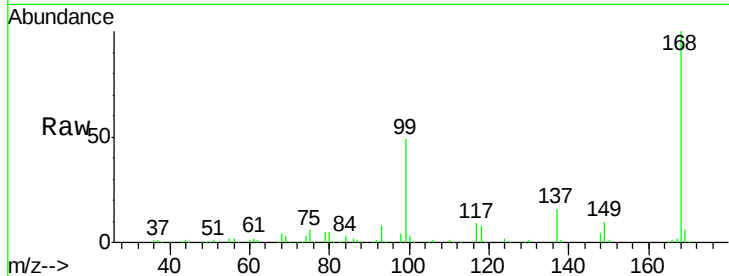
Tgt Ion: 75 Resp: 15589

Ion Ratio Lower Upper

75 100

110 10.4 18.9 56.7#

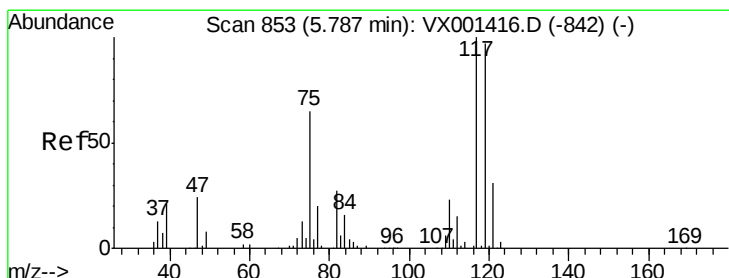
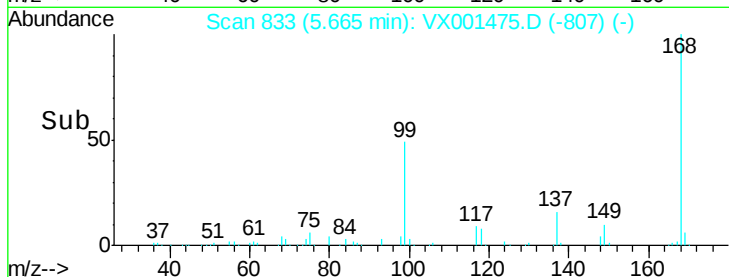
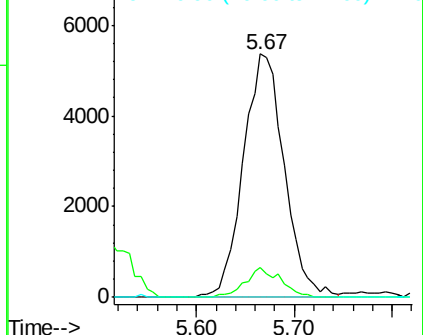
77 0.0 24.9 37.3#



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: 4.68 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001475.D

Acq: 07 May 2018 19:20

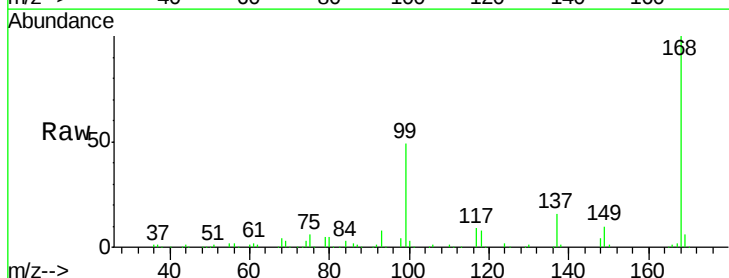
Tgt Ion: 117 Resp: 22256

Ion Ratio Lower Upper

117 100

119 4.5 77.0 115.6#

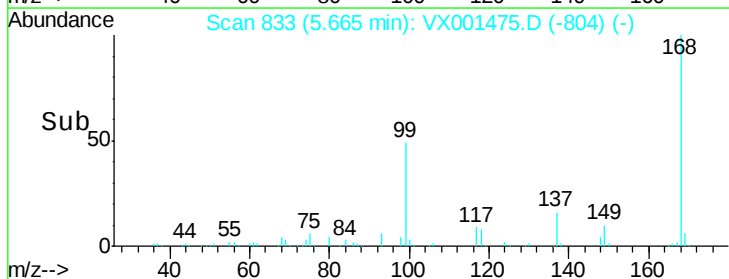
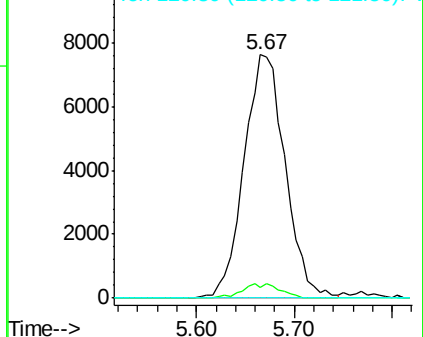
121 0.0 25.1 37.7#

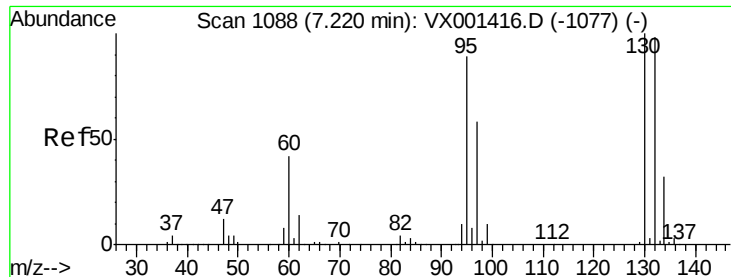


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 0.40 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001475.D

Acq: 07 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

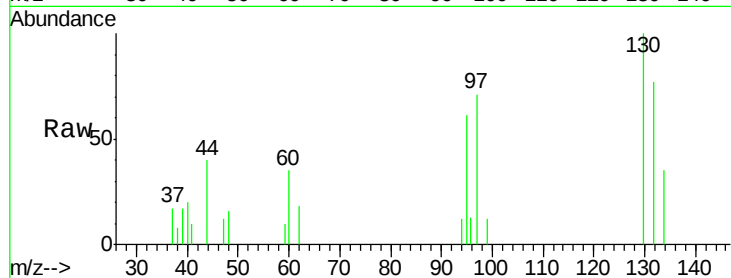
BPS1-TT-MW30412-20180429RE

Tgt Ion:130 Resp: 1578

Ion Ratio Lower Upper

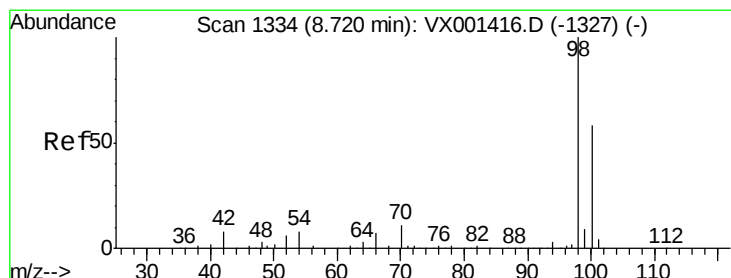
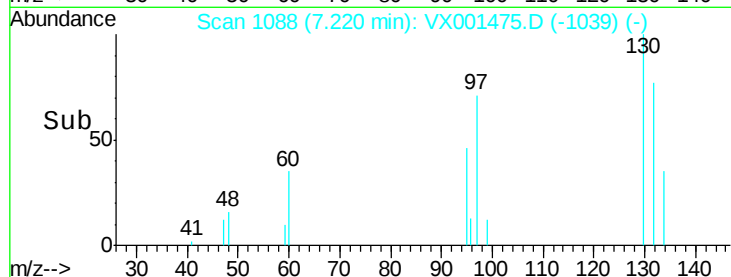
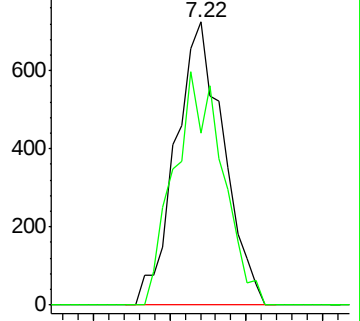
130 100

95 60.8 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: 52.22 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001475.D

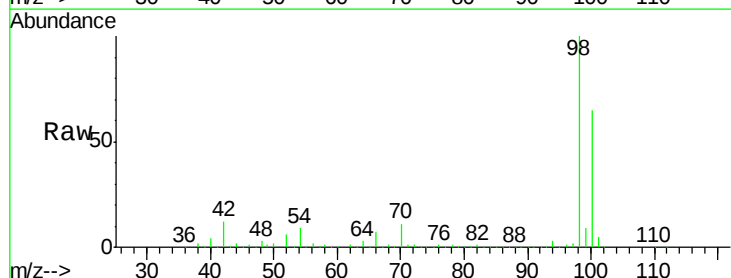
Acq: 07 May 2018 19:20

Tgt Ion: 98 Resp: 593921

Ion Ratio Lower Upper

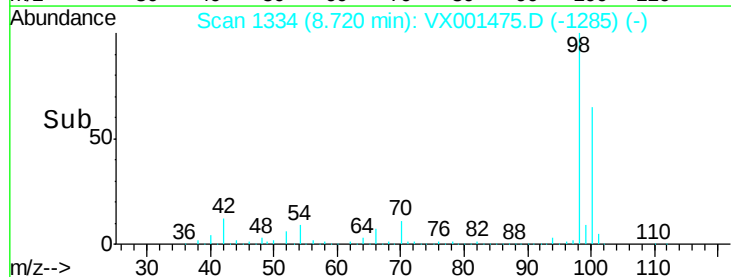
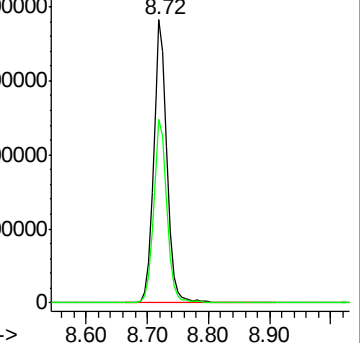
98 100

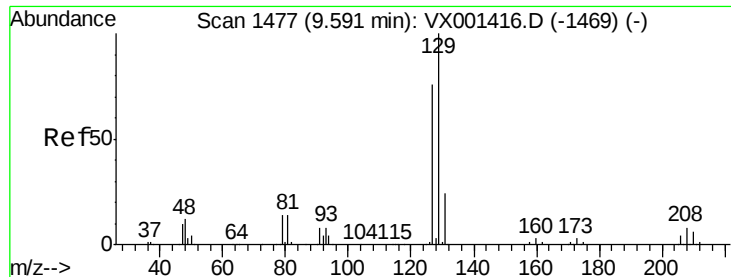
100 65.3 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#60

Dibromochloromethane

Concen: 0.72 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001475.D

Acq: 07 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

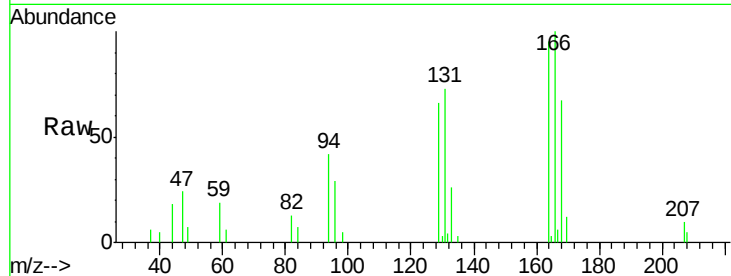
BPS1-TT-MW30412-20180429RE

Tgt Ion:129 Resp: 2531

Ion Ratio Lower Upper

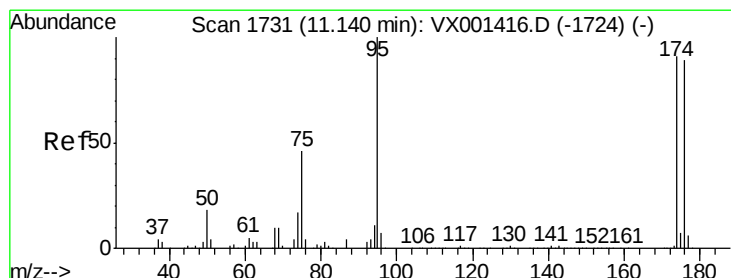
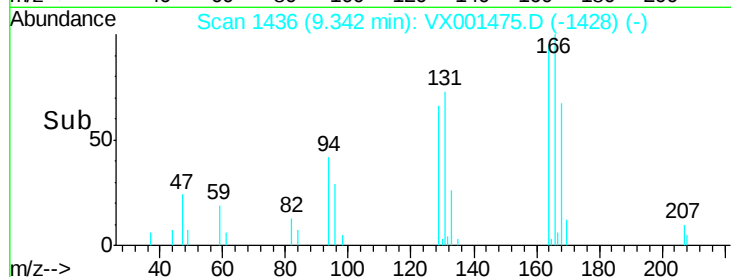
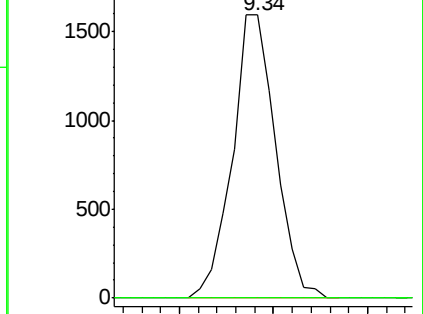
129 100

127 0.0 38.1 114.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 44.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001475.D

Acq: 07 May 2018 19:20

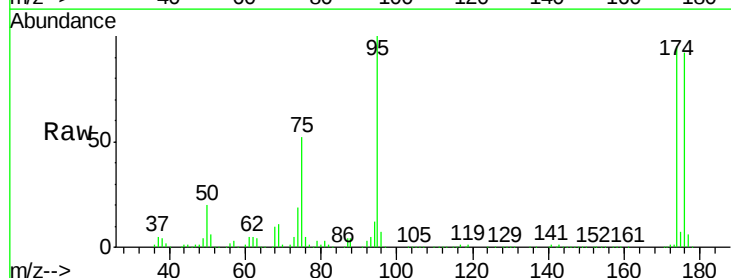
Tgt Ion: 95 Resp: 194383

Ion Ratio Lower Upper

95 100

174 101.8 0.0 202.0

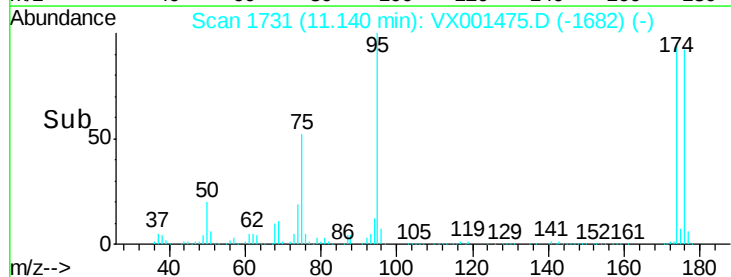
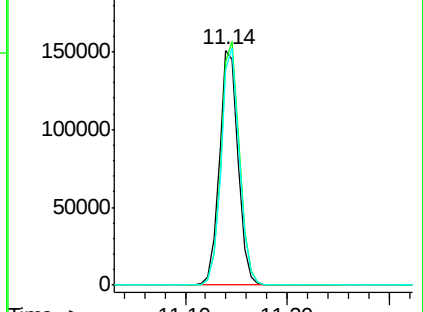
176 98.2 0.0 197.4

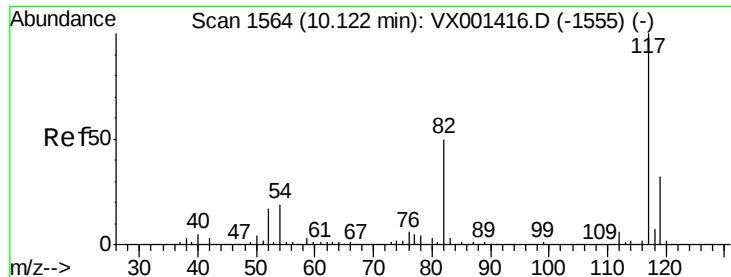


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

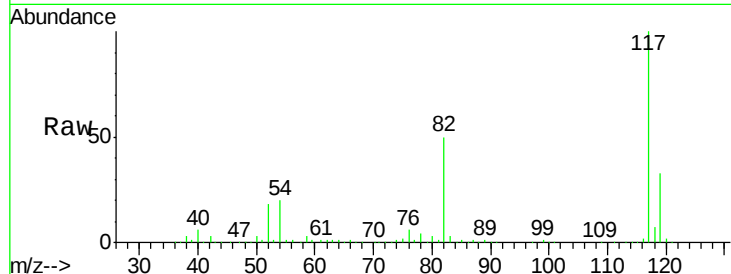




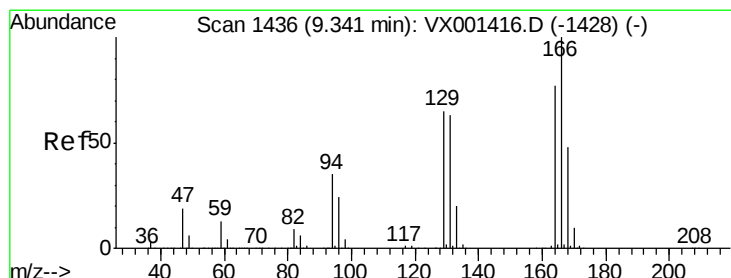
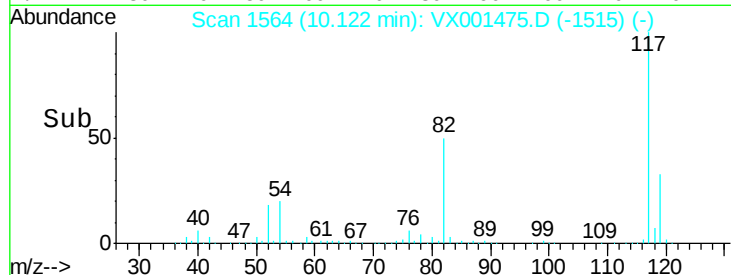
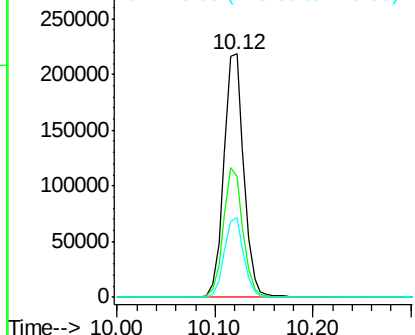
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001475.D
Acq: 07 May 2018 19:20

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30412-20180429RE

Tgt Ion:117 Resp: 308327
Ion Ratio Lower Upper
117 100
82 49.8 40.0 60.0
119 33.0 25.8 38.8



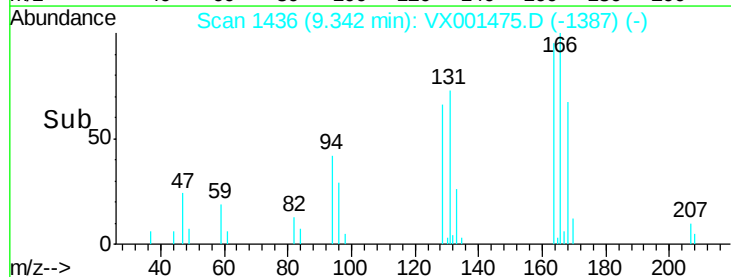
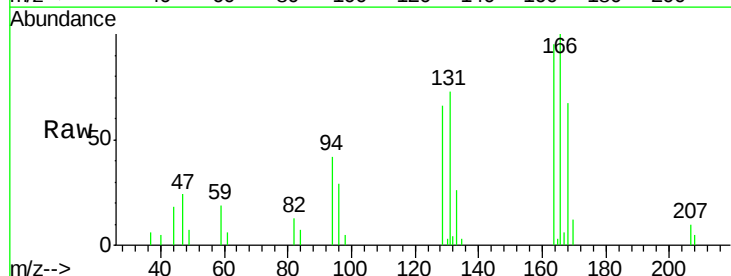
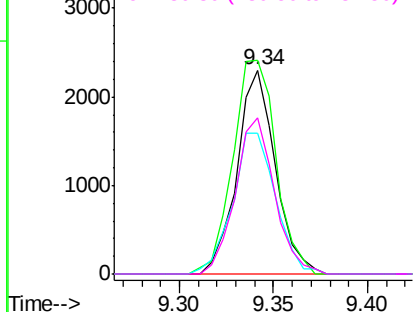
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

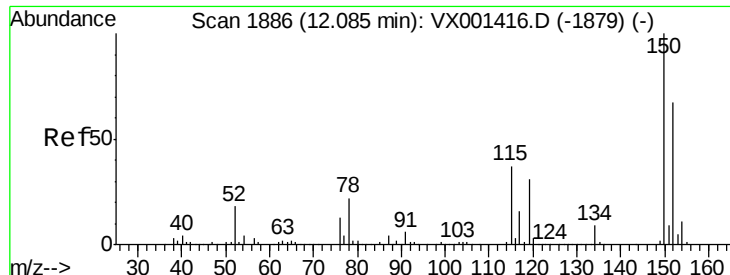


#64
Tetrachloroethene
Concen: 0.76 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001475.D
Acq: 07 May 2018 19:20

Tgt Ion:164 Resp: 3249
Ion Ratio Lower Upper
164 100
166 104.7 103.5 155.3
129 69.2 66.7 100.1
131 76.4 64.9 97.3

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001475.D

Acq: 07 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30412-20180429RE

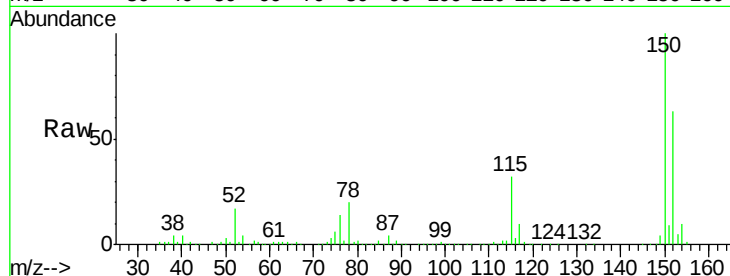
Tgt Ion:152 Resp: 170007

Ion Ratio Lower Upper

152 100

115 52.6 37.7 113.1

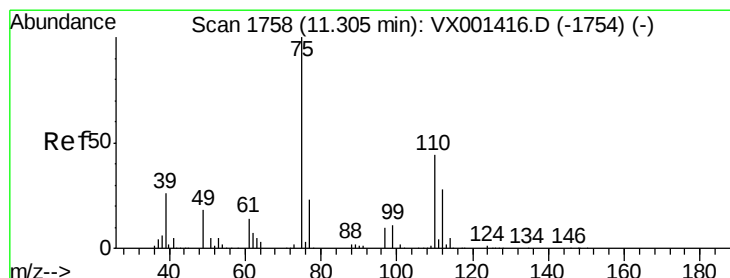
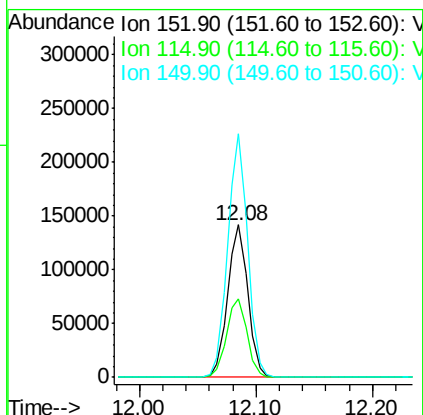
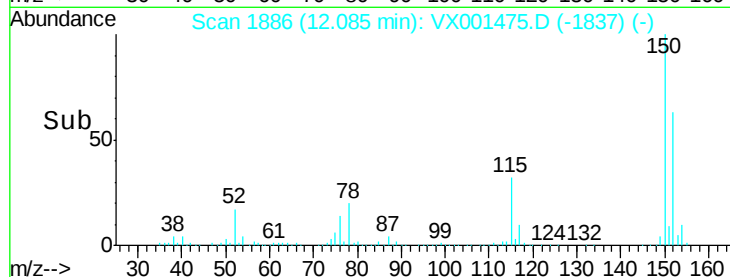
150 157.8 0.0 349.4



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: 28.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001475.D

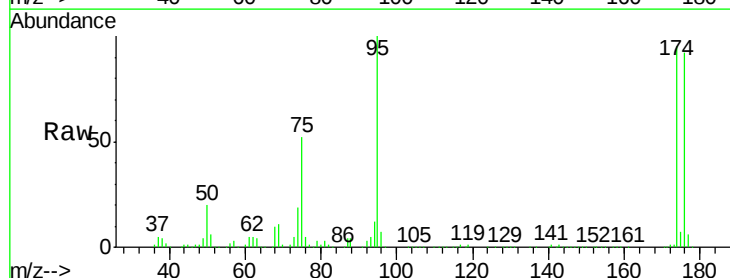
Acq: 07 May 2018 19:20

Tgt Ion: 75 Resp: 98815

Ion Ratio Lower Upper

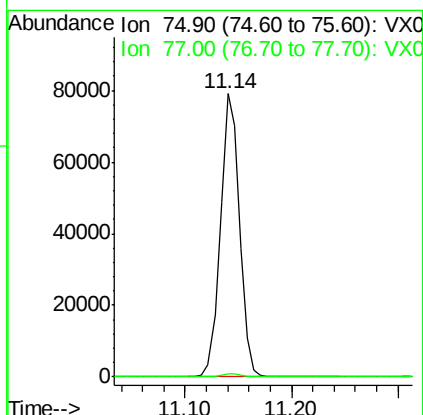
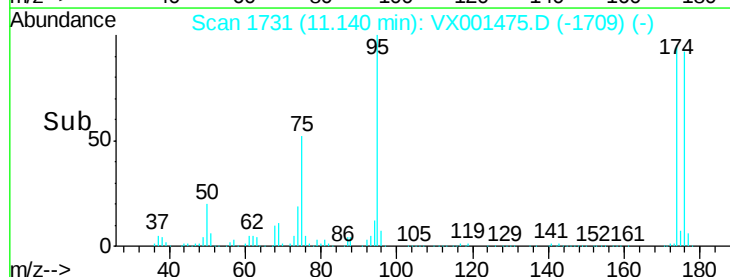
75 100

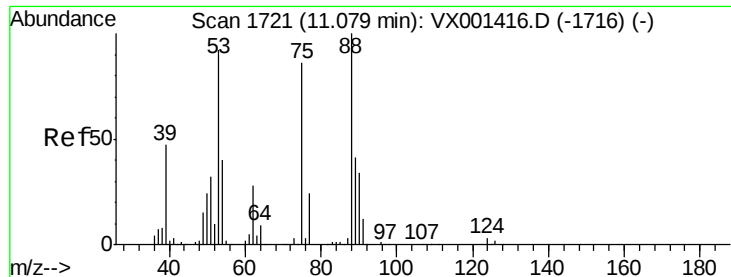
77 1.1 19.6 58.7#



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: 87.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001475.D

Acq: 07 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304I2-20180429RE

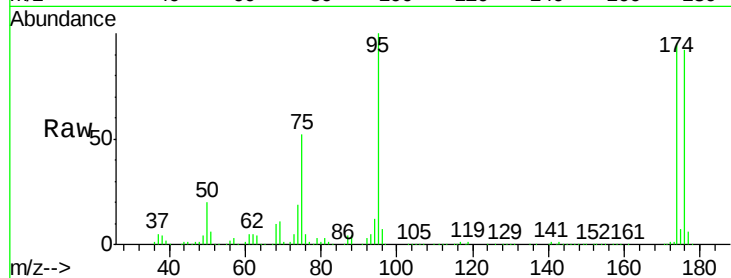
Tgt Ion: 75 Resp: 98815

Ion Ratio Lower Upper

75 100

53 0.1 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

