

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008365.D
 Acq On : 23 Mar 2019 21:16
 Operator : JC/SP
 Sample : K1937-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307S-20190314

Quant Time: Mar 25 08:02:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135011	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	166855	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
35) Dibromofluoromethane	5.50	113	120205	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
50) Toluene-d8	8.71	98	485955	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.13	95	161621	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	

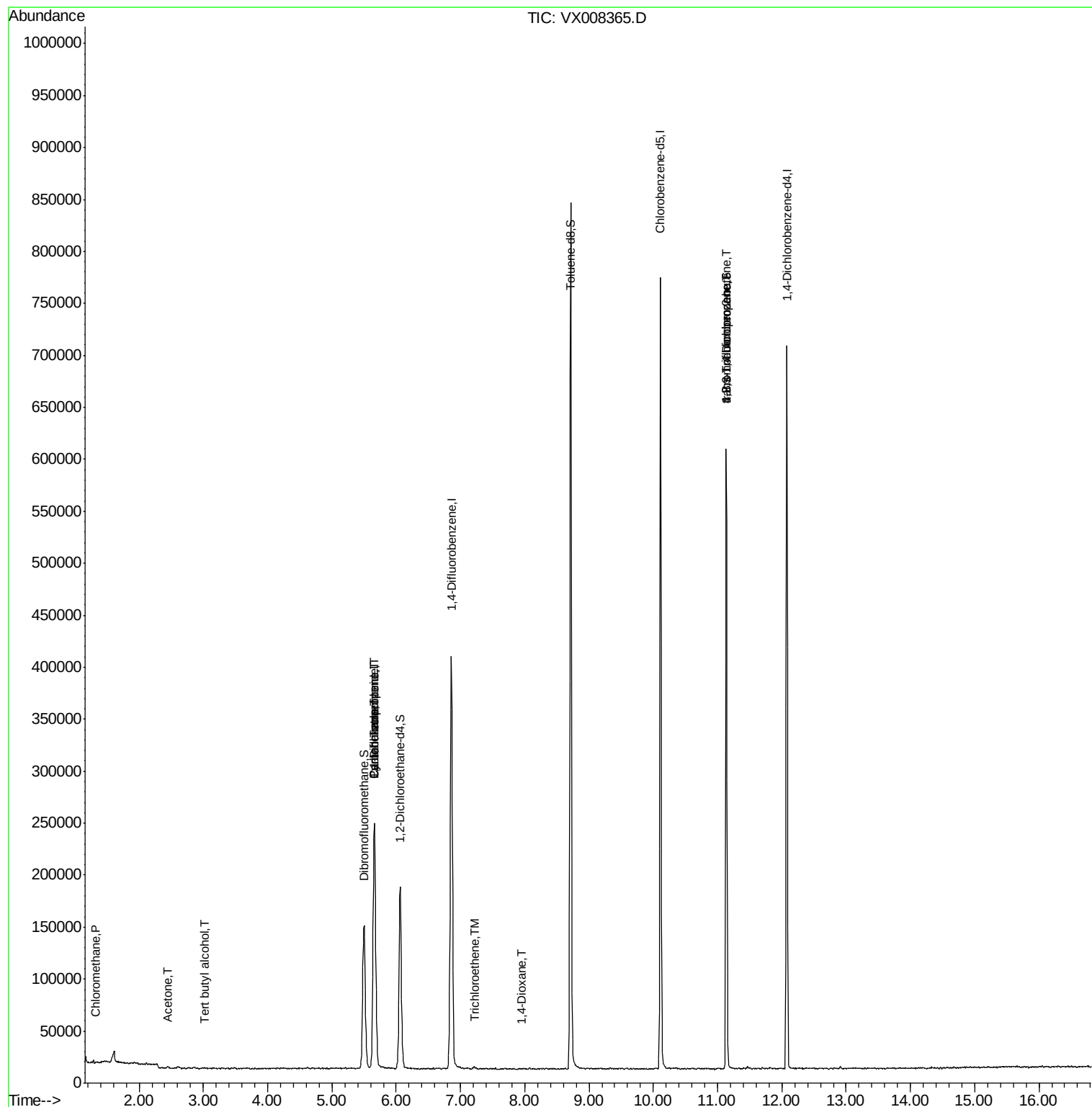
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	820	0.221	ug/l	97
11) Tert butyl alcohol	3.02	59	544	0.723	ug/l #	93
16) Acetone	2.44	43	1061	0.629	ug/l	89
31) Cyclohexane	5.66	56	5878	1.107	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	19433	4.903	ug/l #	48
38) Carbon Tetrachloride	5.66	117	22352	6.578	ug/l #	16
44) Trichloroethene	7.21	130	674	0.240	ug/l	85
49) 1,4-Dioxane	7.95	88	24	0.282	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	84226	23.834	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	84226	67.920	ug/l #	12

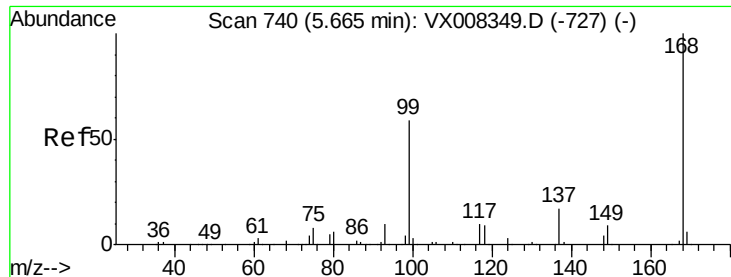
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
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: VX008365.D

Acq: 23 Mar 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

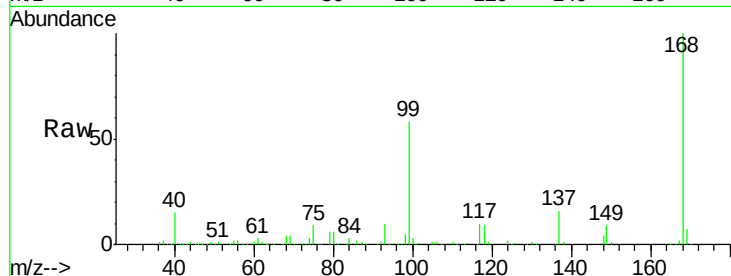
BPS1-TT-MW307S-20190314

Tot Ion:168 Resp: 221394

Ion Ratio Lower Upper

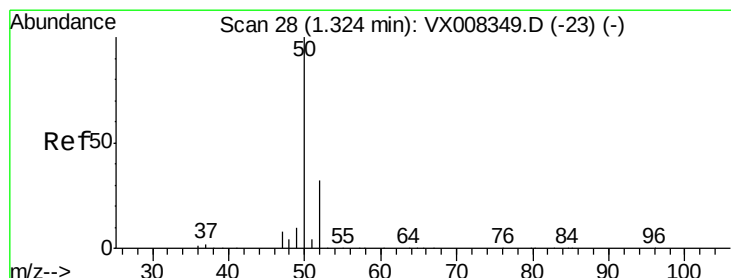
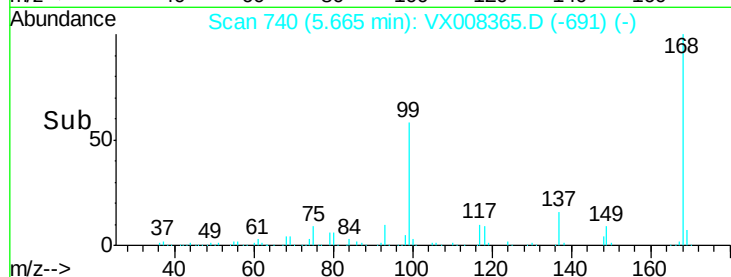
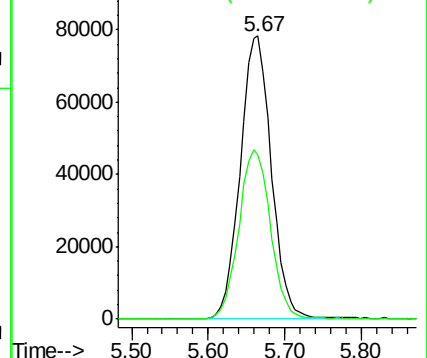
168 100

99 57.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.221 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008365.D

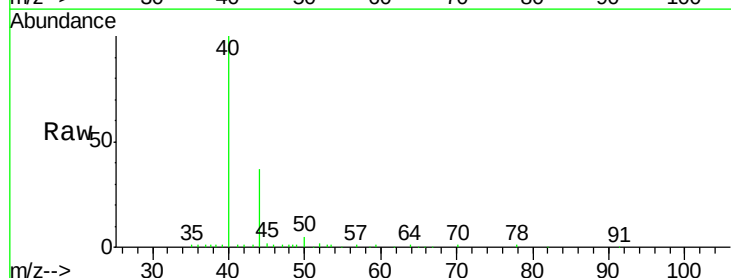
Acq: 23 Mar 2019 21:16

Tgt Ion: 50 Resp: 820

Ion Ratio Lower Upper

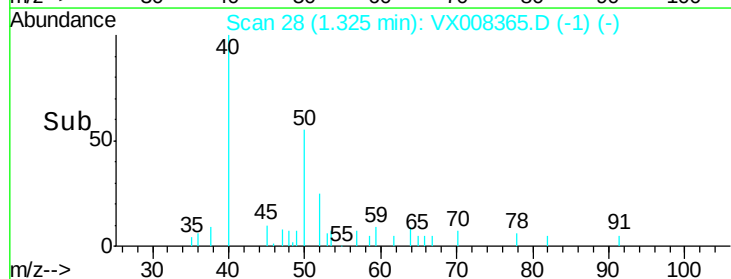
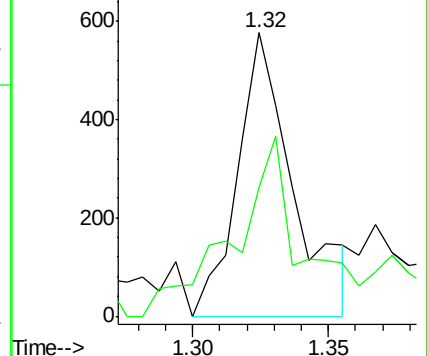
50 100

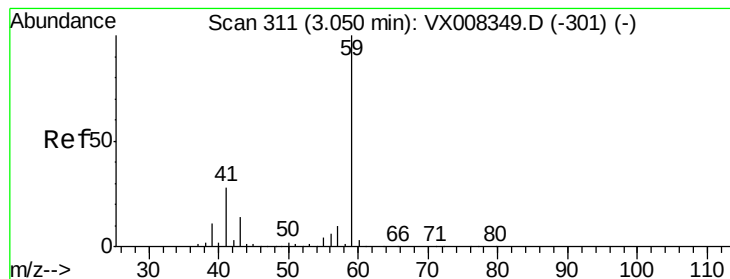
52 34.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



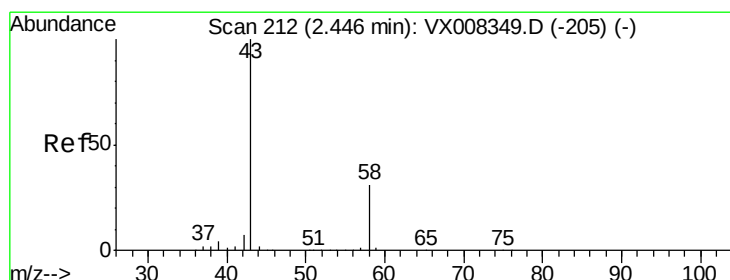
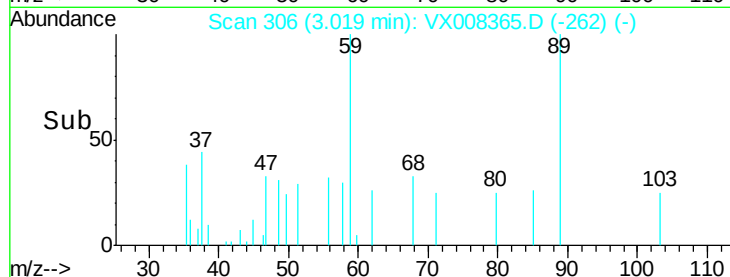
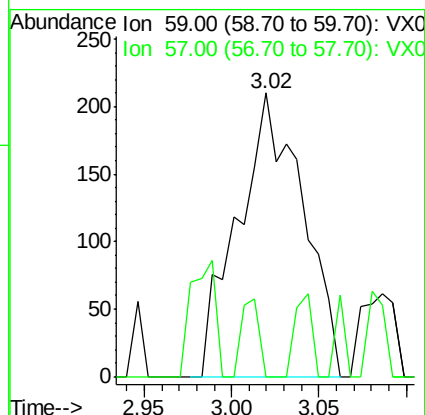
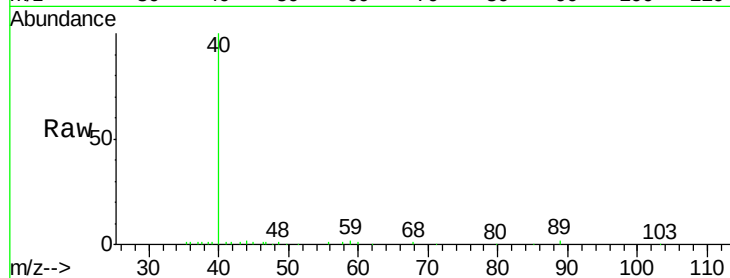


#11

Tert butyl alcohol
 Concen: 0.723 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX008365.D
 Acq: 23 Mar 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307S-20190314

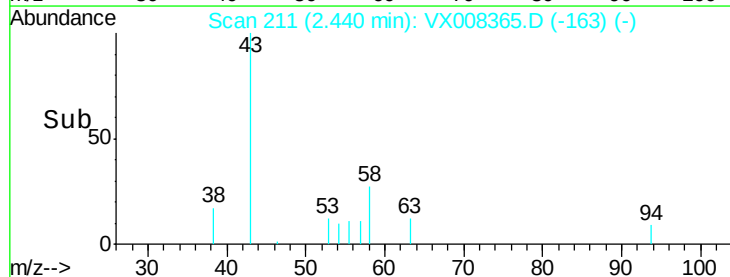
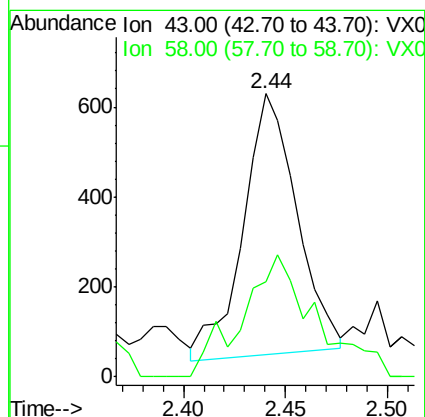
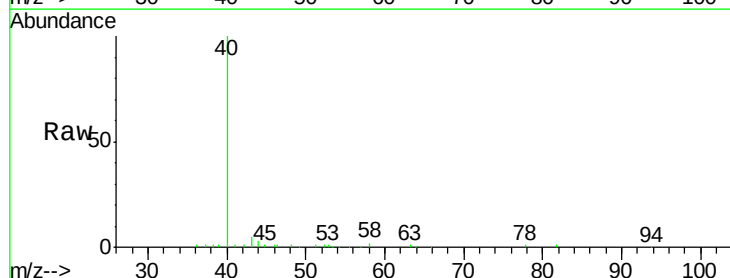
Tot Ion: 59 Resp: 544
 Ion Ratio Lower Upper
 59 100
 57 7.5 8.2 12.2#

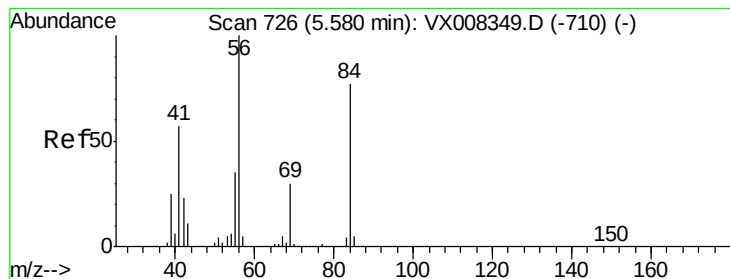


#16

Acetone
 Concen: 0.629 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX008365.D
 Acq: 23 Mar 2019 21:16

Tgt Ion: 43 Resp: 1061
 Ion Ratio Lower Upper
 43 100
 58 37.8 25.5 38.3





#31

Cyclohexane

Concen: 1.107 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX008365.D

Acq: 23 Mar 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307S-20190314

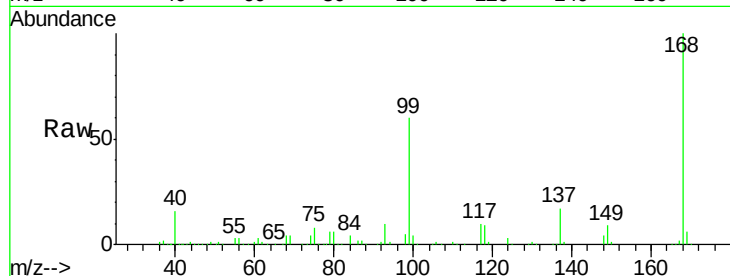
Tot Ion: 56 Resp: 5878

Ion Ratio Lower Upper

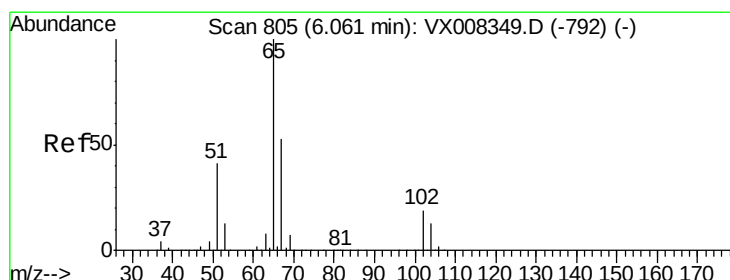
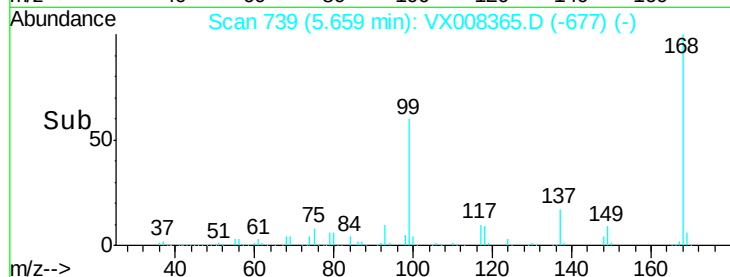
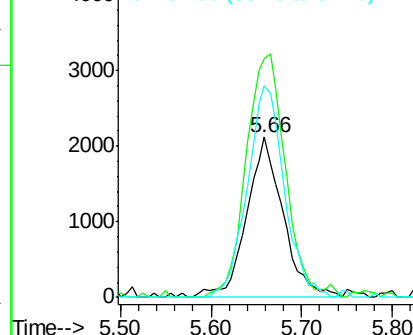
56 100

69 149.1 24.0 36.0#

84 132.3 65.3 97.9#



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: 49.414 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008365.D

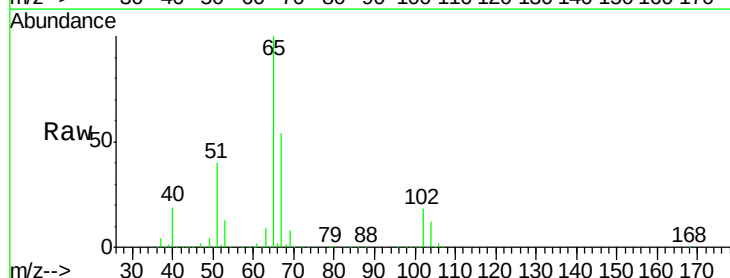
Acq: 23 Mar 2019 21:16

Tgt Ion: 65 Resp: 166855

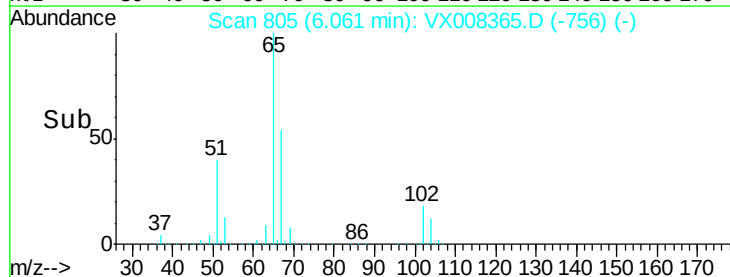
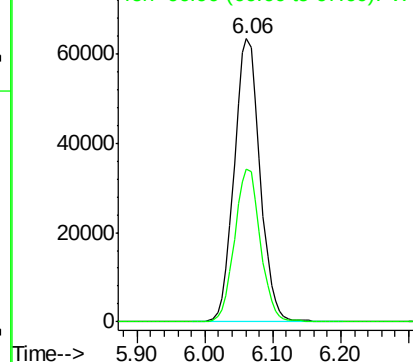
Ion Ratio Lower Upper

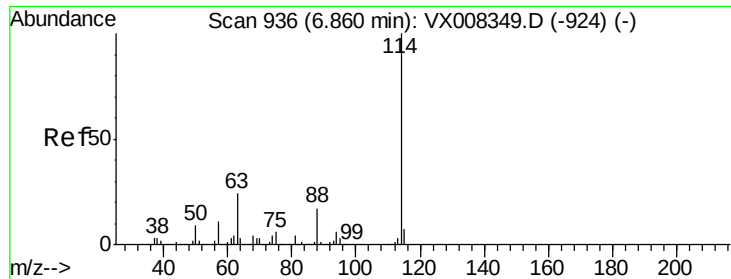
65 100

67 53.9 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008365.D

Acq: 23 Mar 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307S-20190314

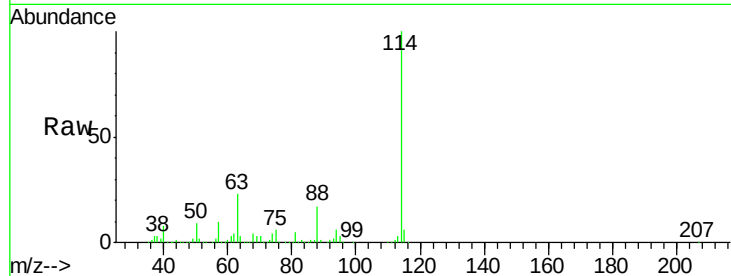
Tot Ion:114 Resp: 387902

Ion Ratio Lower Upper

114 100

63 23.3 0.0 39.8

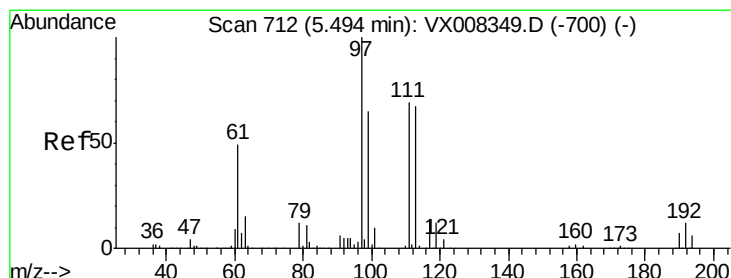
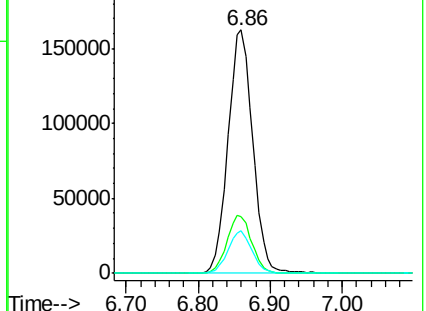
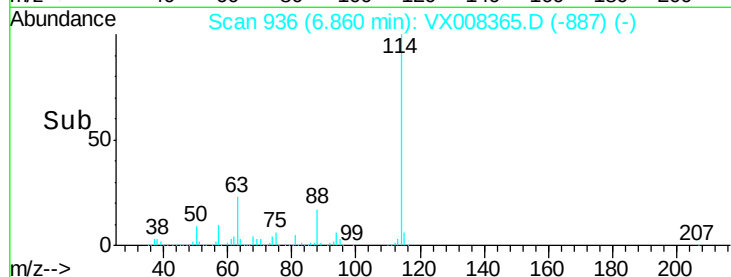
88 17.4 0.0 31.4



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: 47.830 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008365.D

Acq: 23 Mar 2019 21:16

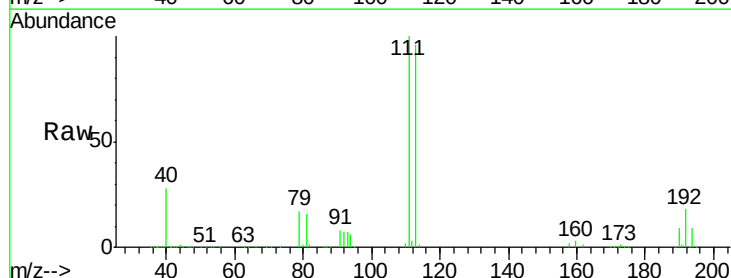
Tgt Ion:113 Resp: 120205

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

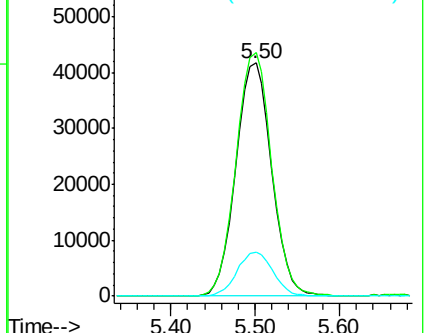
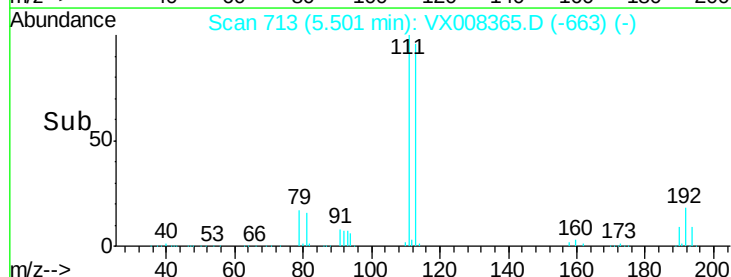
192 18.9 19.4 29.0#

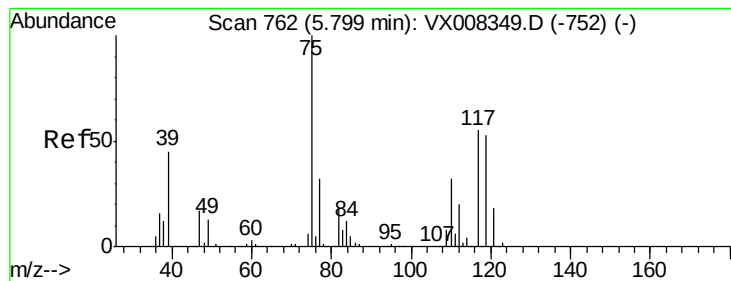


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.903 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008365.D

Acq: 23 Mar 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307S-20190314

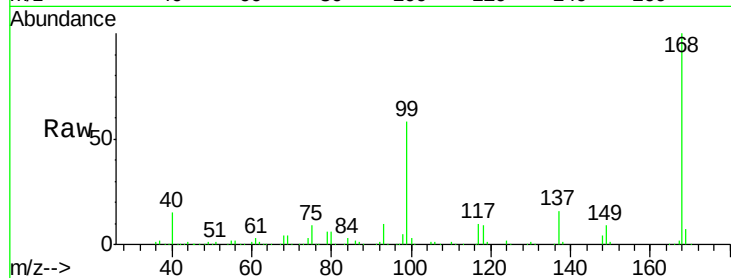
Tot Ion: 75 Resp: 19433

Ion Ratio Lower Upper

75 100

110 8.2 18.4 55.0#

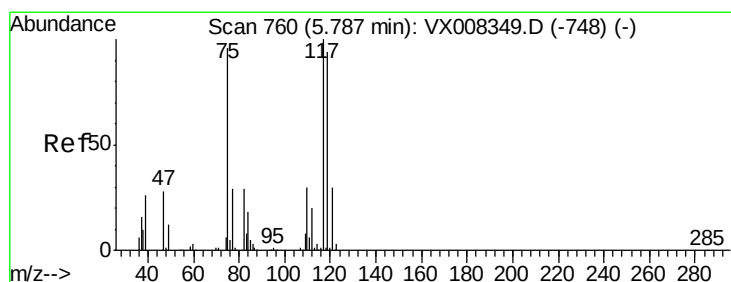
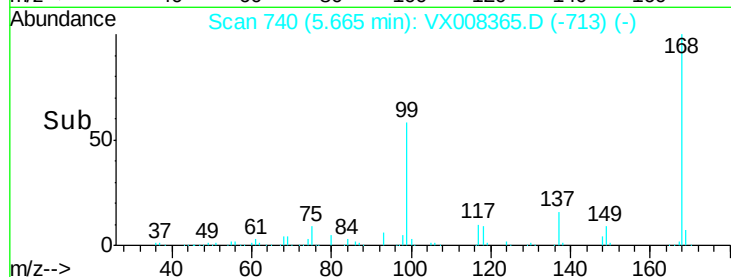
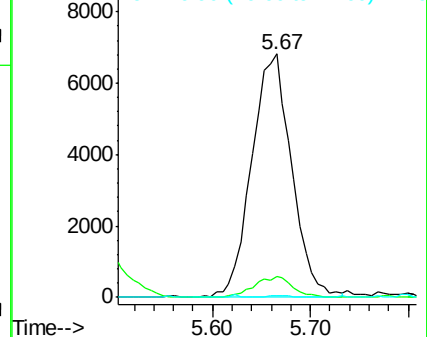
77 0.4 25.0 37.4#



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: 6.578 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008365.D

Acq: 23 Mar 2019 21:16

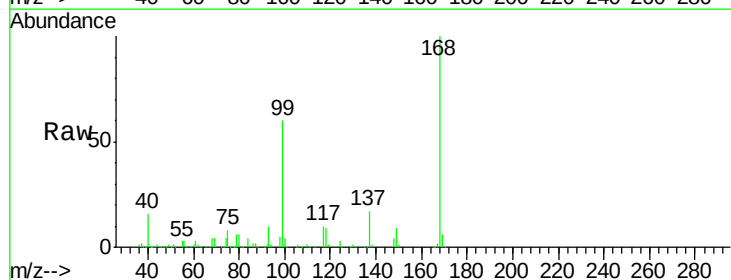
Tgt Ion: 117 Resp: 22352

Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.2#

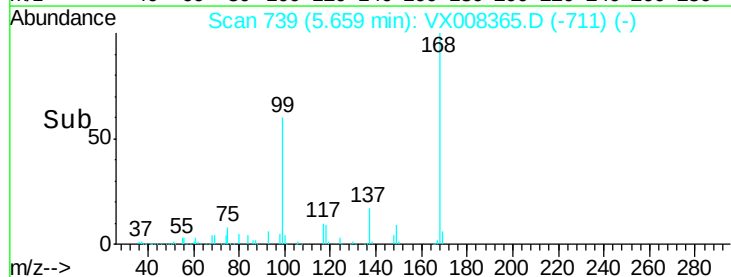
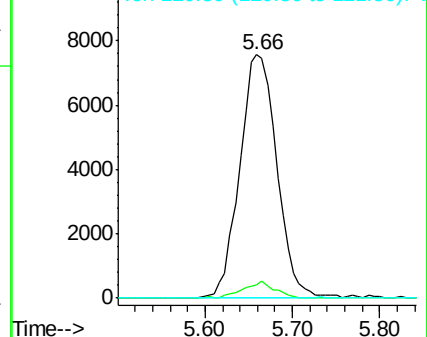
121 0.0 24.6 36.8#

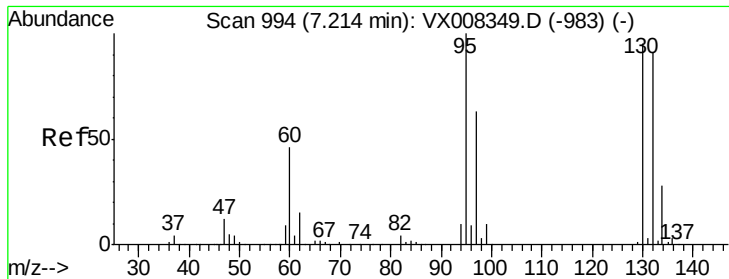


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

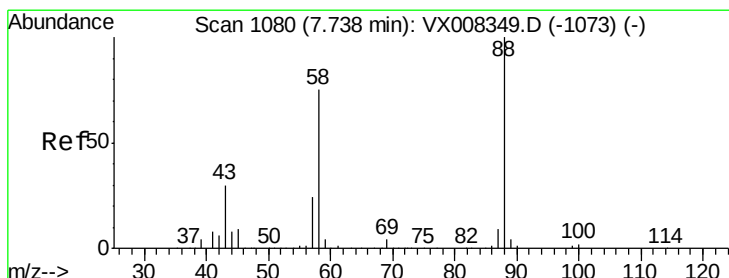
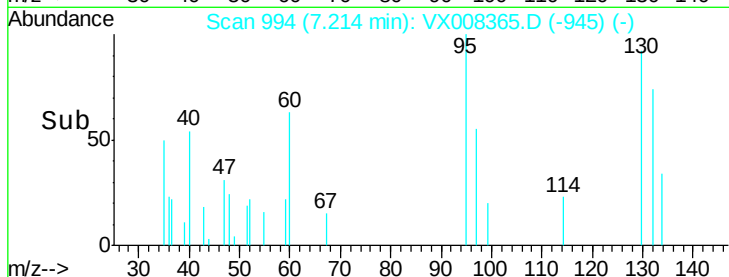
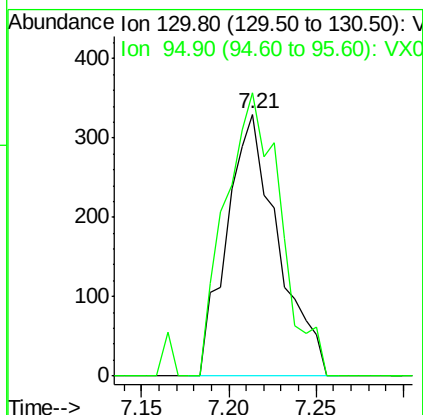
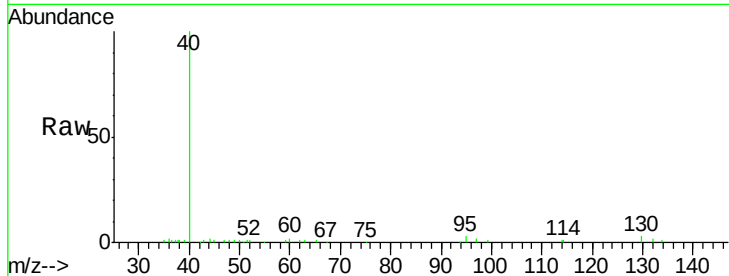




#44
 Trichloroethene
 Concen: 0.240 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008365.D
 Acq: 23 Mar 2019 21:16

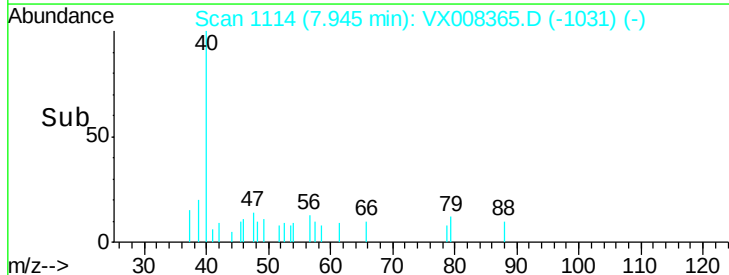
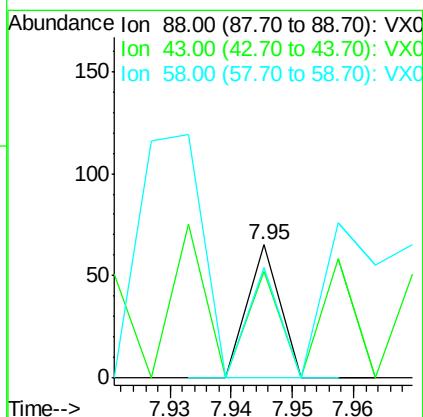
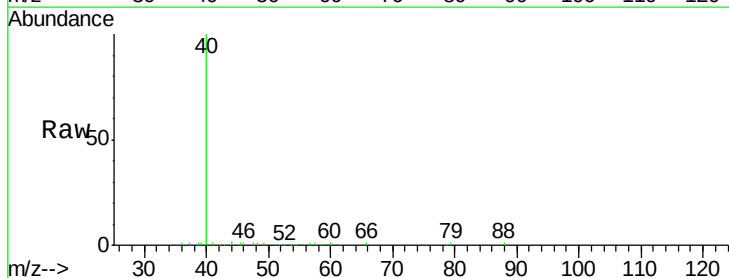
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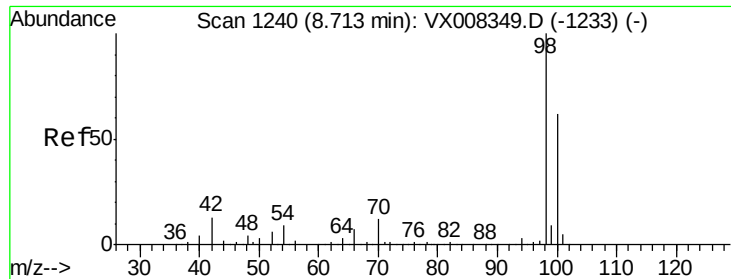
Tot Ion:130 Resp: 674
 Ion Ratio Lower Upper
 130 100
 95 108.2 0.0 188.0



#49
 1,4-Dioxane
 Concen: 0.282 ug/l
 RT: 7.95 min Scan# 1114
 Delta R.T. 0.21 min
 Lab File: VX008365.D
 Acq: 23 Mar 2019 21:16

Tgt Ion: 88 Resp: 24
 Ion Ratio Lower Upper
 88 100
 43 112.5 25.1 37.7#
 58 441.7 57.8 86.6#

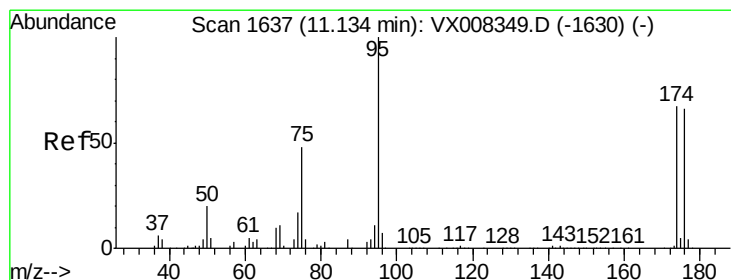
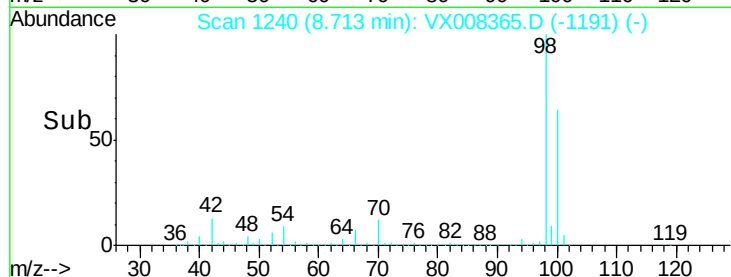
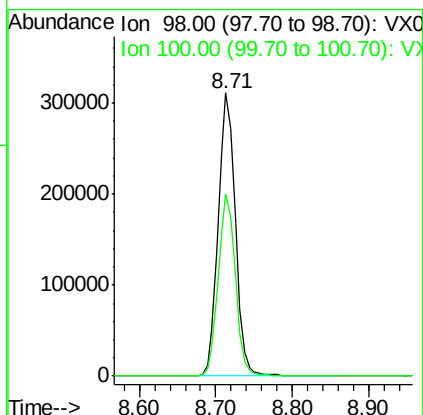
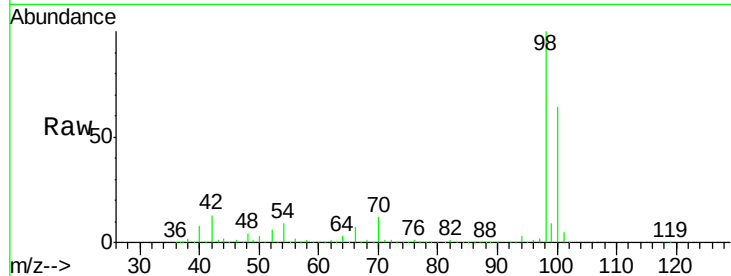




#50
Toluene-d8
Concen: 48.887 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008365.D
Acq: 23 Mar 2019 21:16

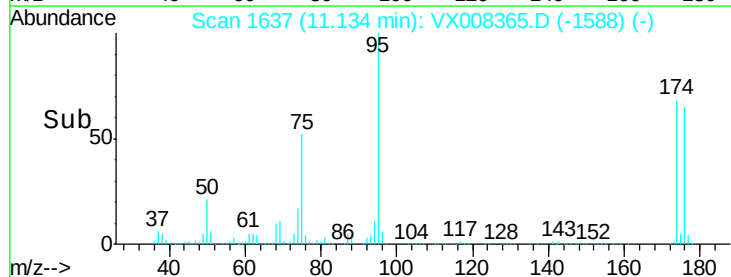
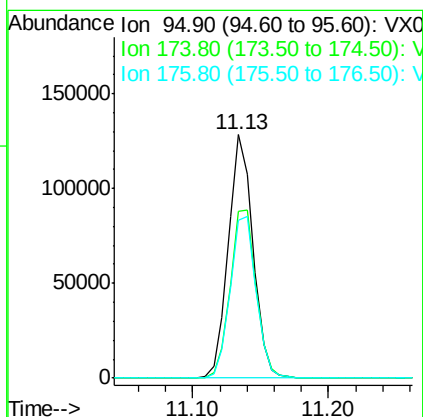
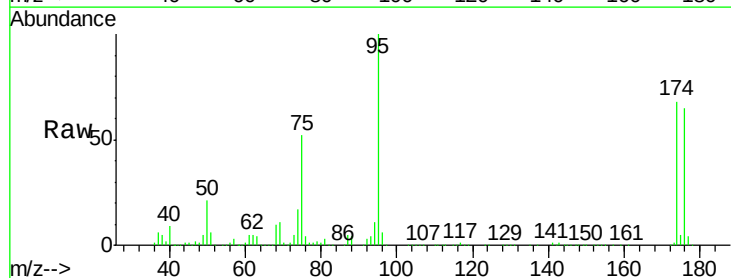
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW307S-20190314

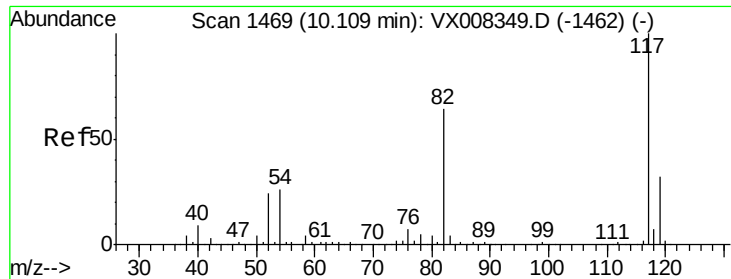
Tot Ion: 98 Resp: 485955
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.283 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008365.D
Acq: 23 Mar 2019 21:16

Tgt Ion: 95 Resp: 161621
Ion Ratio Lower Upper
95 100
174 73.0 0.0 182.8
176 70.2 0.0 178.0

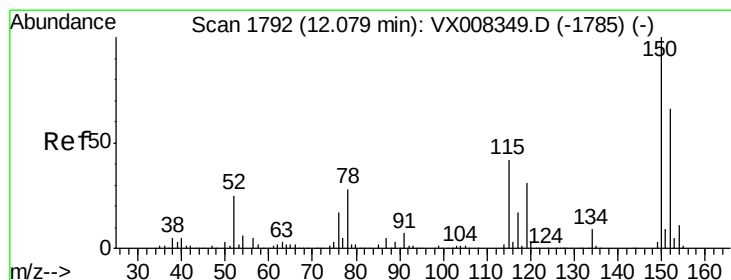
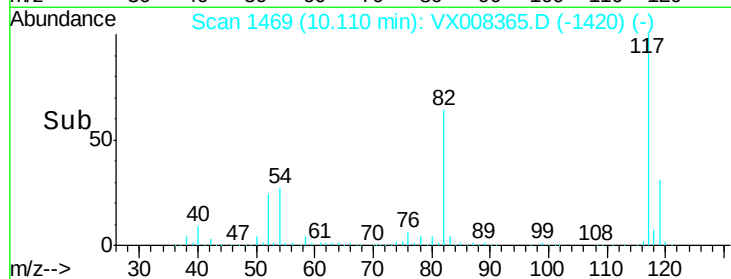
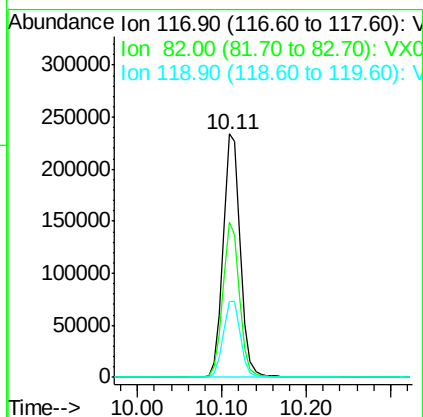
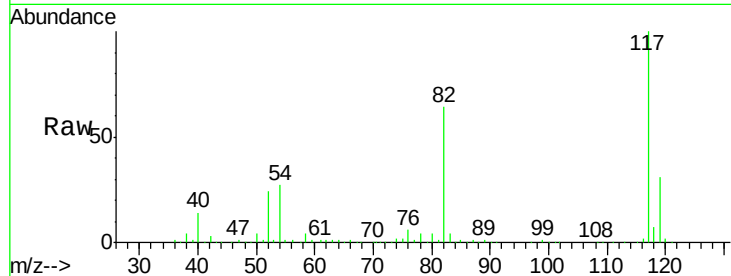




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008365.D
Acq: 23 Mar 2019 21:16

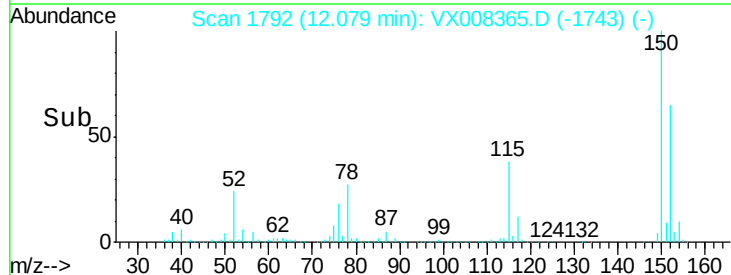
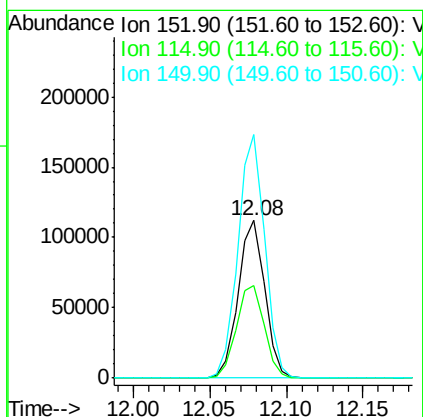
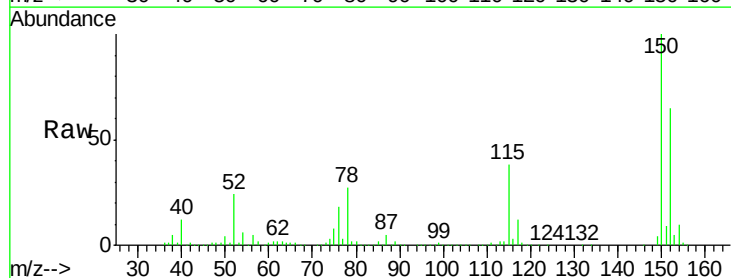
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW307S-20190314

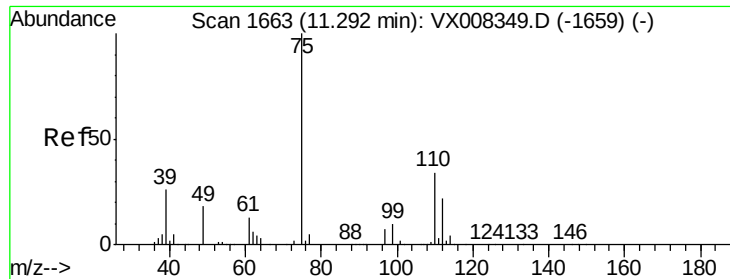
Tot Ion:117 Resp: 330684
Ion Ratio Lower Upper
117 100
82 63.7 44.3 66.5
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008365.D
Acq: 23 Mar 2019 21:16

Tgt Ion:152 Resp: 135011
Ion Ratio Lower Upper
152 100
115 61.7 38.6 115.7
150 155.8 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 23.834 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008365.D

Acq: 23 Mar 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

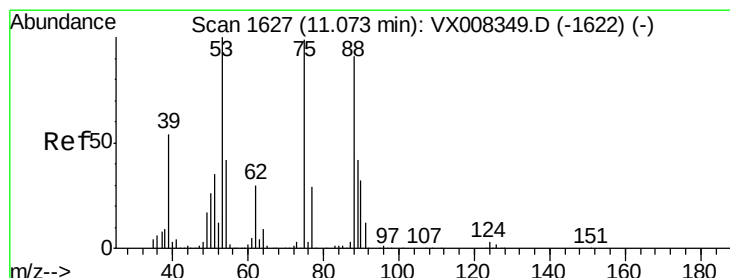
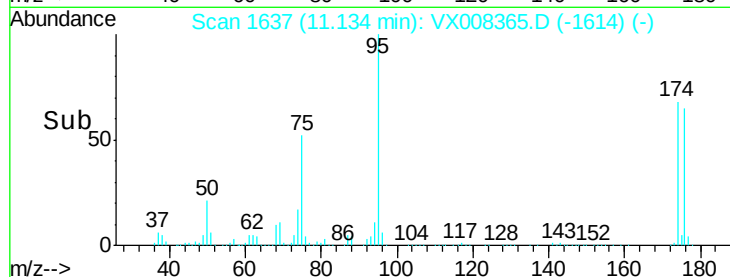
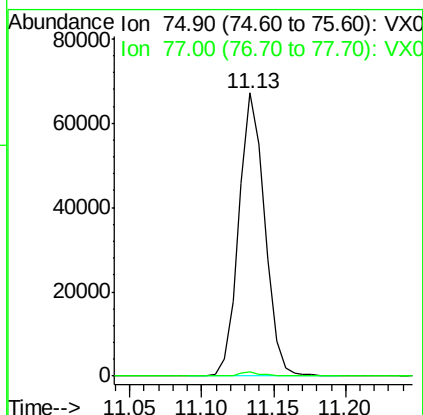
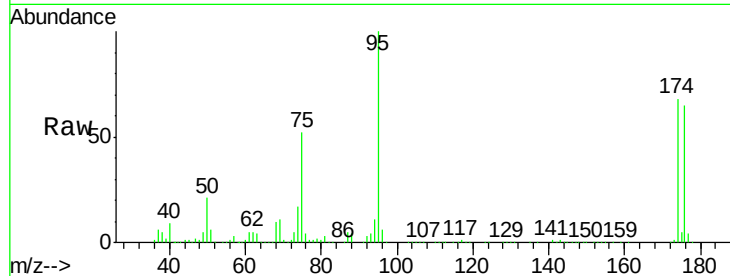
BPS1-TT-MW307S-20190314

Tot Ion: 75 Resp: 84226

Ion Ratio Lower Upper

75 100

77 1.4 18.9 56.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.920 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008365.D

Acq: 23 Mar 2019 21:16

Tgt Ion: 75 Resp: 84226

Ion Ratio Lower Upper

75 100

53 0.1 76.1 114.1#

89 0.0 36.3 54.5#

