

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008369.D
 Acq On : 23 Mar 2019 22:49
 Operator : JC/SP
 Sample : K1937-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW2021-20190314

Quant Time: Mar 25 09:12:39 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

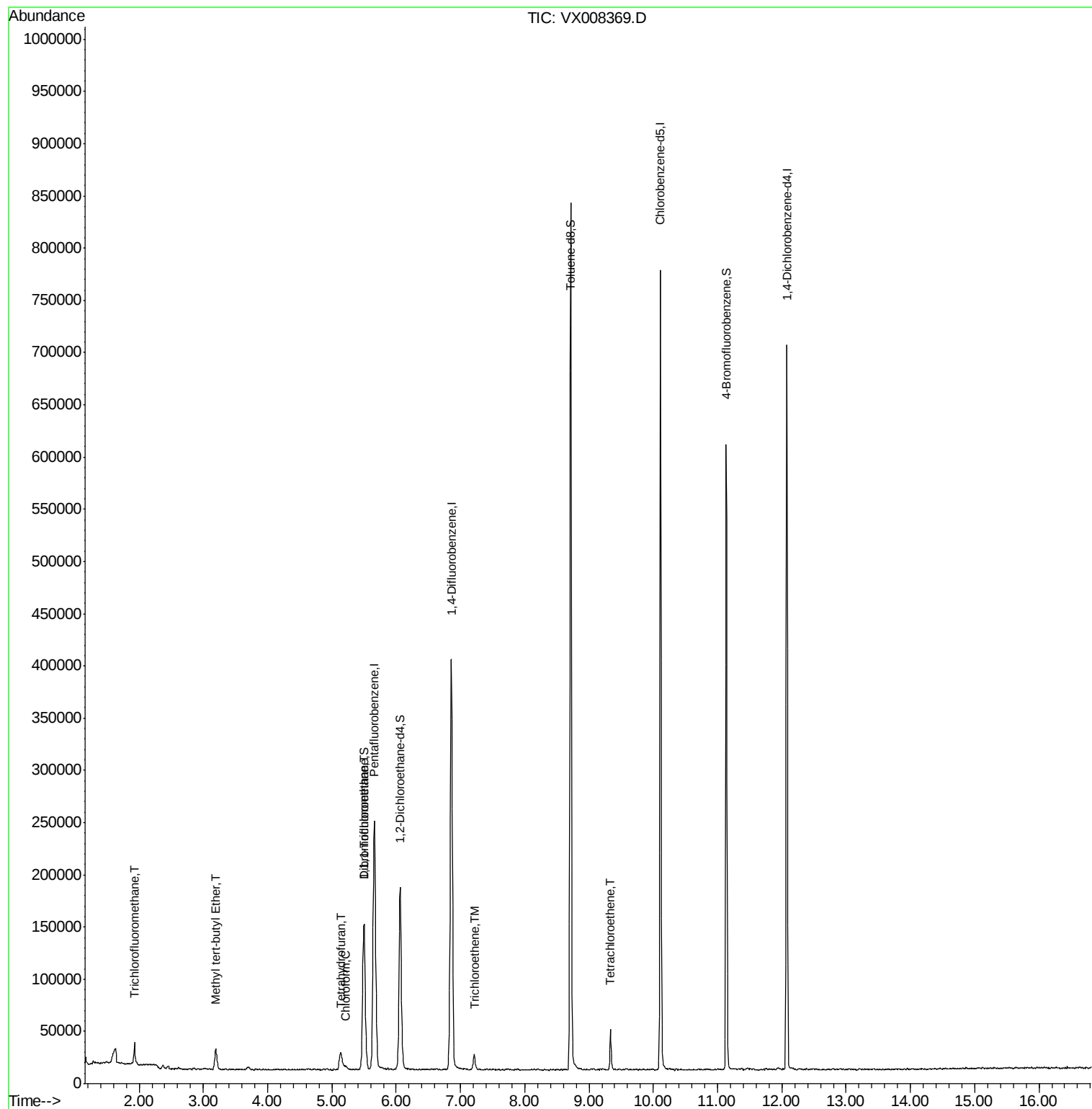
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	220459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	328187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	164626	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
35) Dibromofluoromethane	5.50	113	119014	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	8.71	98	482646	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.13	95	161384	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
Target Compounds						
7) Trichlorofluoromethane	1.93	101	12753	3.106	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	21287	2.354	ug/l	95
29) Tetrahydrofuran	5.13	42	17611	9.584	ug/l	96
30) Chloroform	5.22	83	3674	0.739	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	3456	0.879	ug/l #	40
44) Trichloroethene	7.21	130	5337	1.939	ug/l	98
64) Tetrachloroethene	9.34	164	6637	3.093	ug/l	91

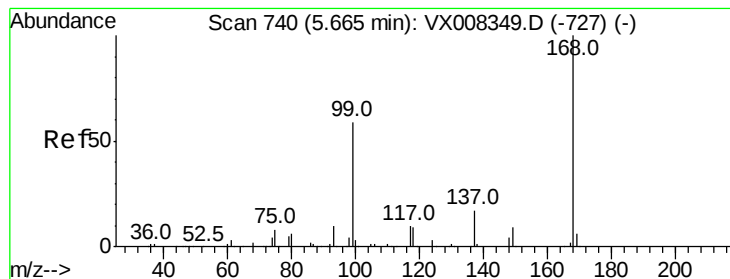
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008369.D

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Instrument :

MSVOA_X

ClientSampleId :

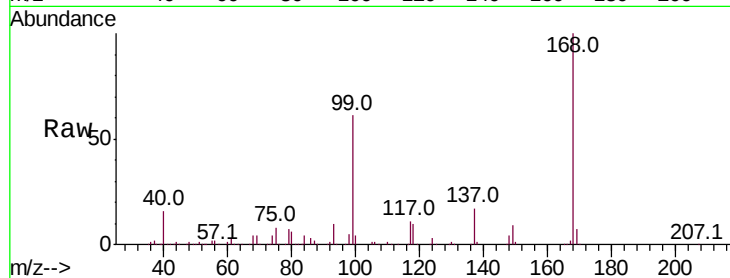
BPS1-TT-MW2021-20190314

Tot Ion:168 Resp: 220459

Ion Ratio Lower Upper

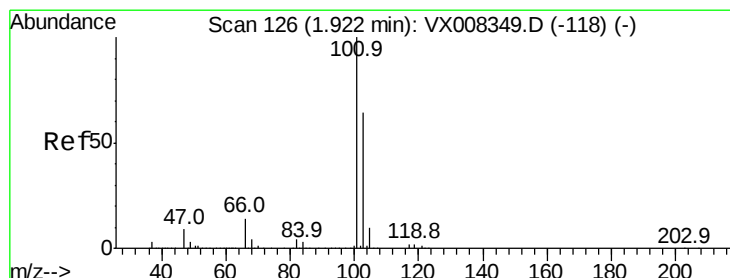
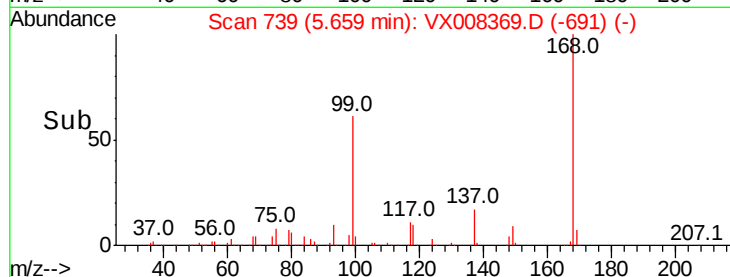
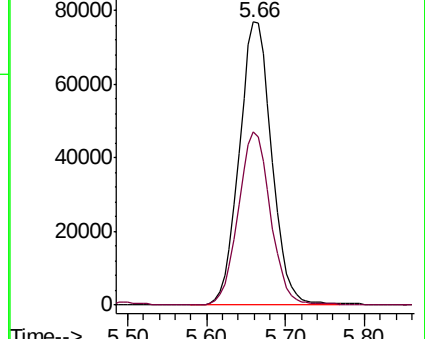
168 100

99 61.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#7

Trichlorofluoromethane

Concen: 3.106 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX008369.D

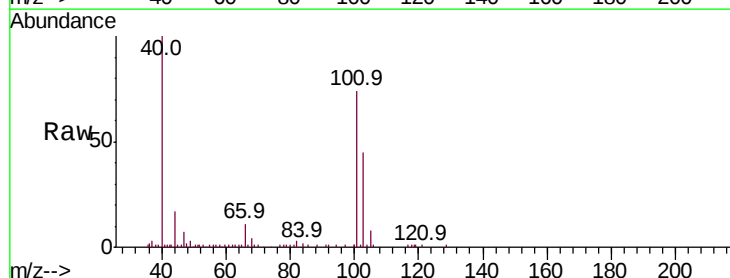
Acq: 23 Mar 2019 22:49

Tgt Ion:101 Resp: 12753

Ion Ratio Lower Upper

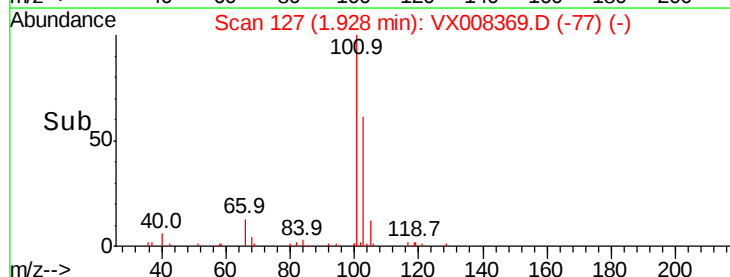
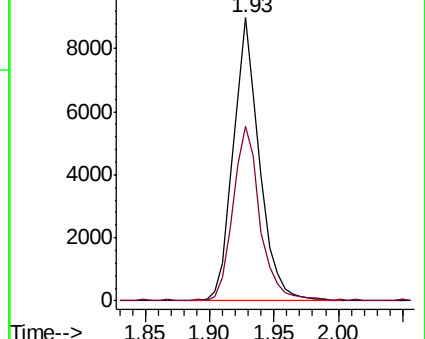
101 100

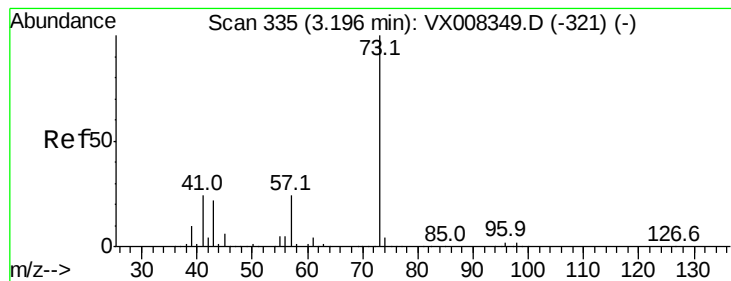
103 61.6 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



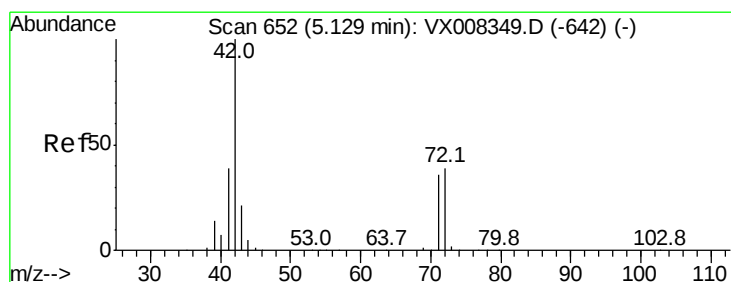
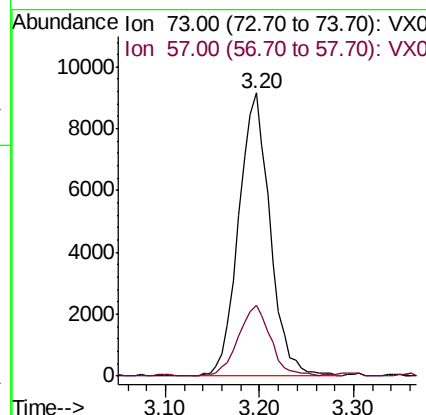
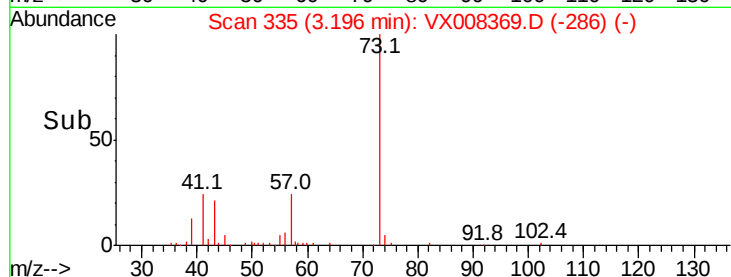
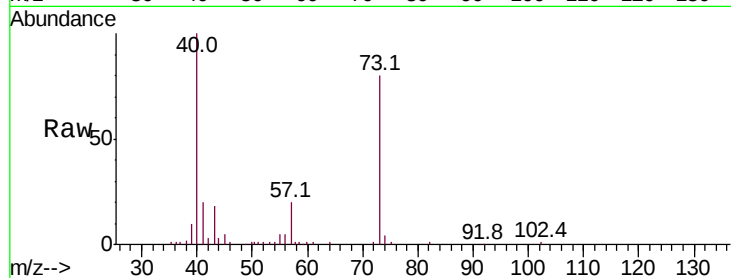


#19

Methyl tert-butyl Ether
 Concen: 2.354 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008369.D
 Acq: 23 Mar 2019 22:49

Instrument :
 MSVOA_X
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 BPS1-TT-MW2021-20190314

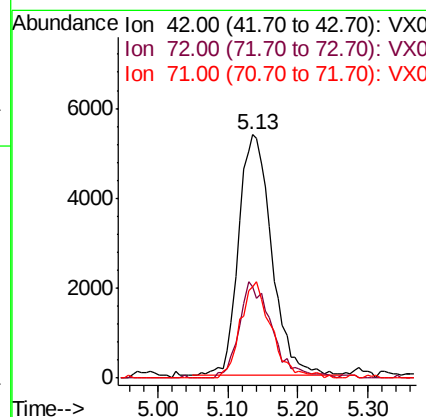
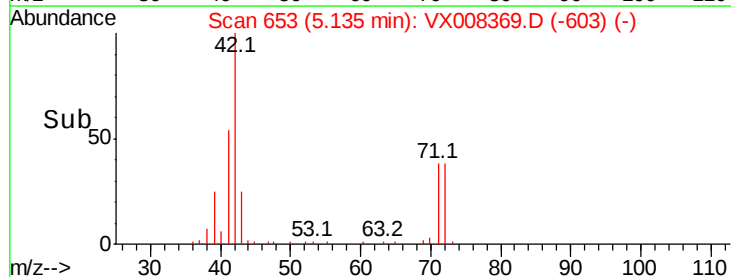
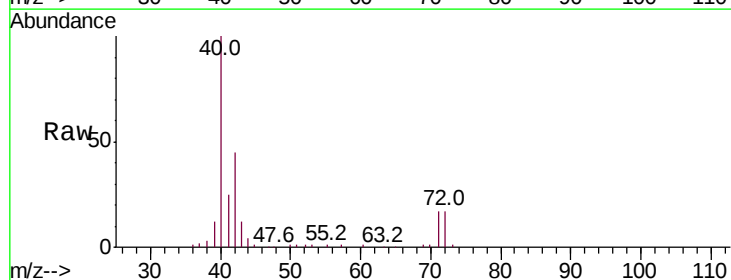
Tot Ion: 73 Resp: 21287
 Ion Ratio Lower Upper
 73 100
 57 25.0 18.2 27.4

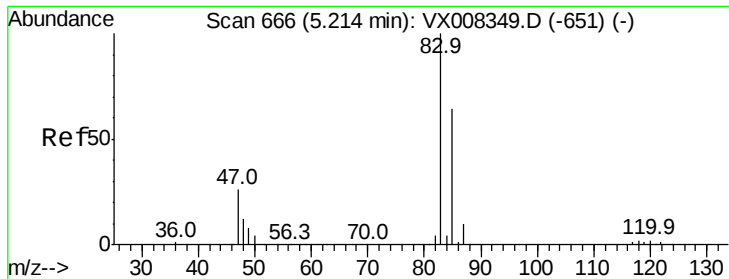


#29

Tetrahydrofuran
 Concen: 9.584 ug/l
 RT: 5.13 min Scan# 653
 Delta R.T. 0.01 min
 Lab File: VX008369.D
 Acq: 23 Mar 2019 22:49

Tgt Ion: 42 Resp: 17611
 Ion Ratio Lower Upper
 42 100
 72 39.9 33.8 50.6
 71 37.0 31.5 47.3

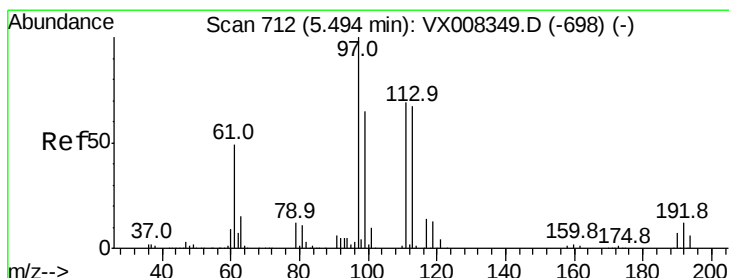
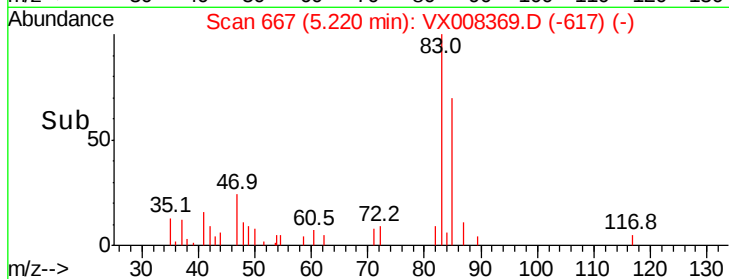
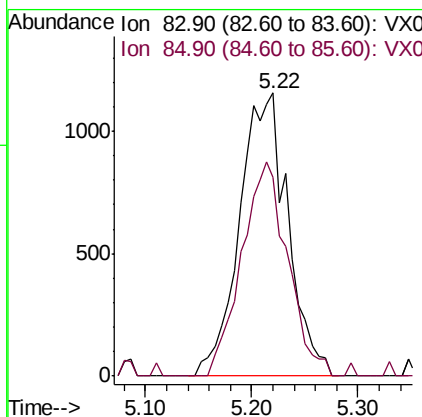
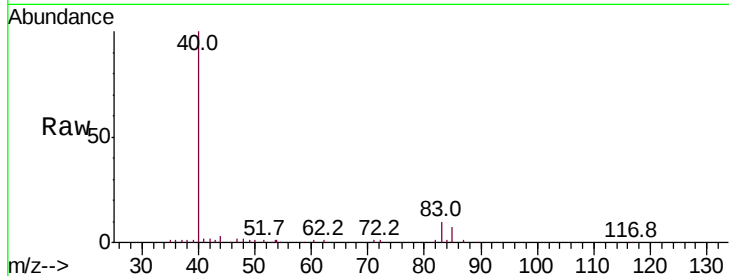




#30
Chloroform
Concen: 0.739 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX008369.D
Acq: 23 Mar 2019 22:49

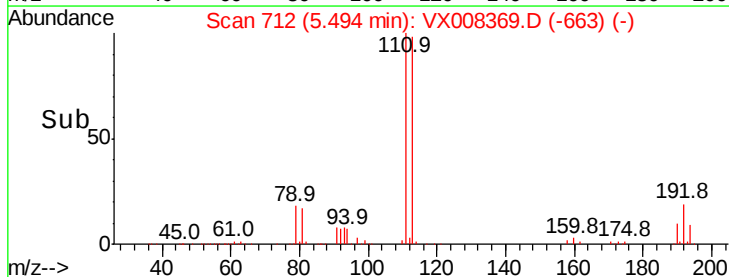
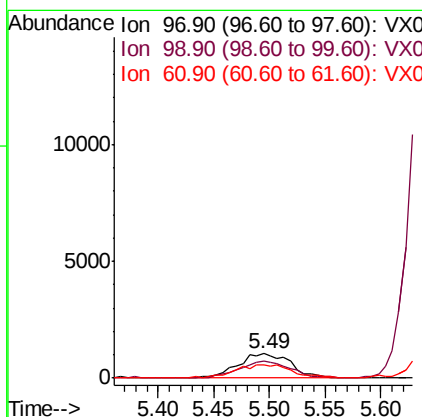
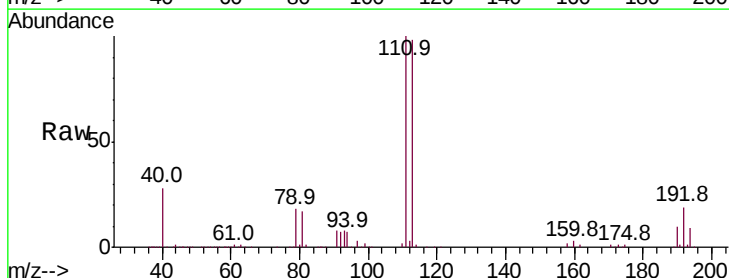
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW2021-20190314

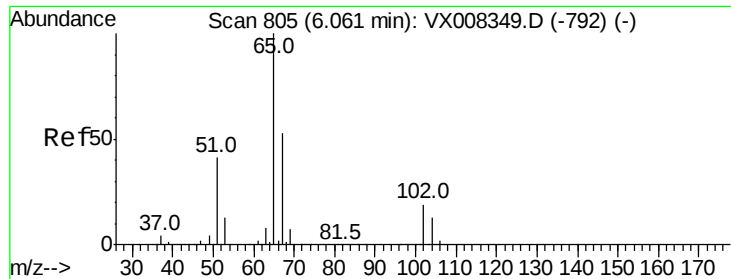
Tot Ion: 83 Resp: 3674
Ion Ratio Lower Upper
83 100
85 70.1 51.8 77.6



#32
1,1,1-Trichloroethane
Concen: 0.879 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008369.D
Acq: 23 Mar 2019 22:49

Tgt Ion: 97 Resp: 3456
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 60.0 34.9 52.3#

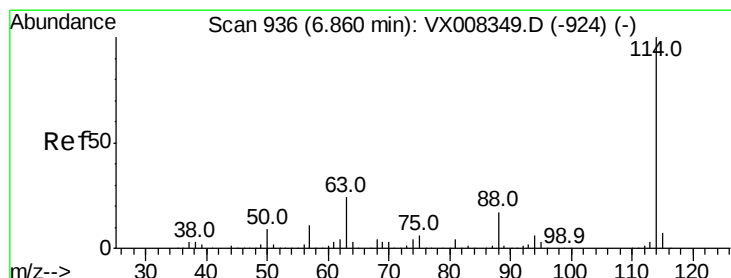
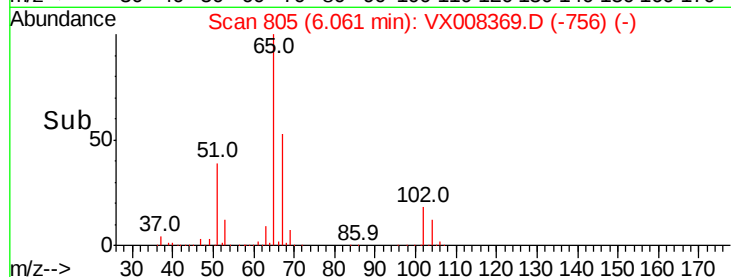
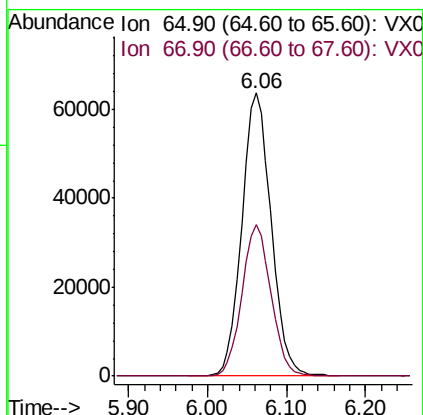
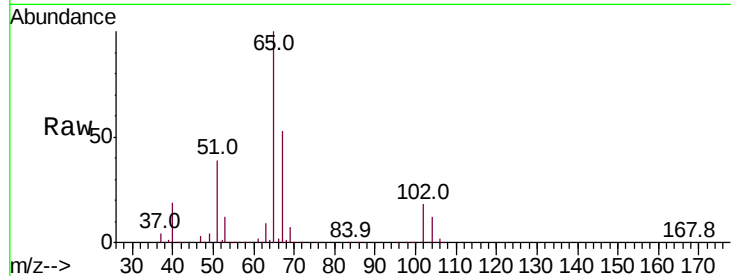




#33
 1,2-Dichloroethane-d4
 Concen: 48.960 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008369.D
 Acq: 23 Mar 2019 22:49

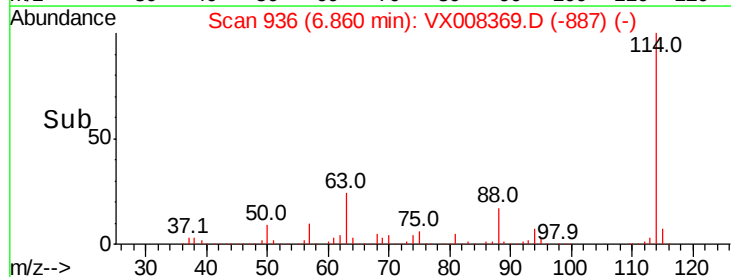
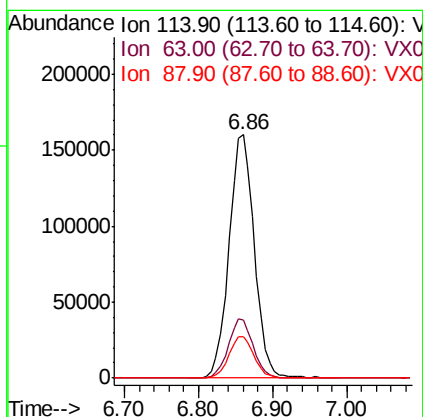
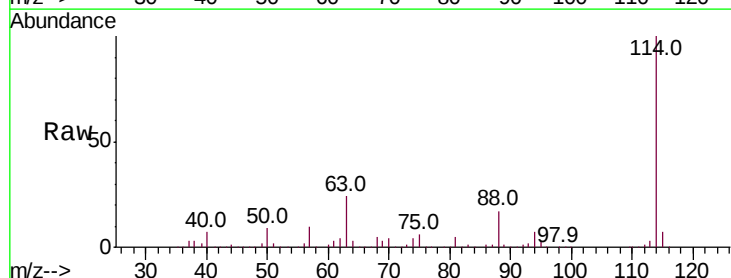
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW2021-20190314

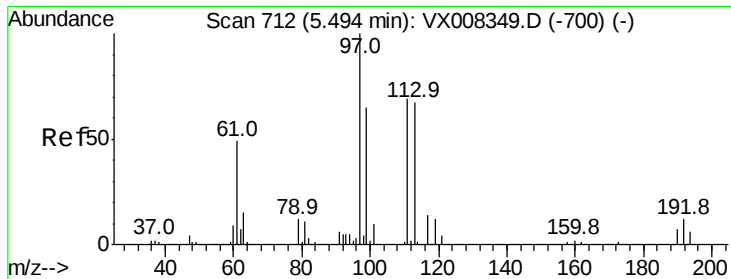
Tot Ion: 65 Resp: 164626
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008369.D
 Acq: 23 Mar 2019 22:49

Tgt Ion: 114 Resp: 380863
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 39.8
 88 17.2 0.0 31.4

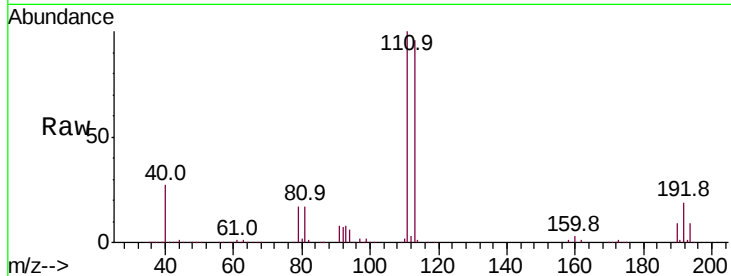




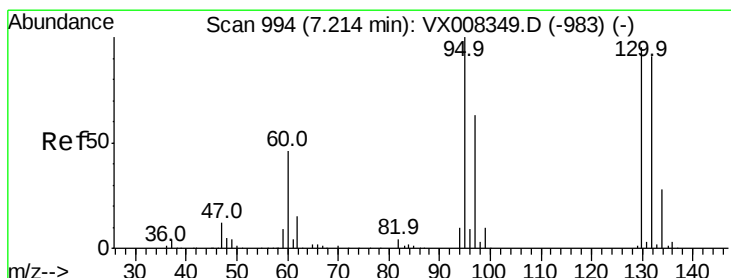
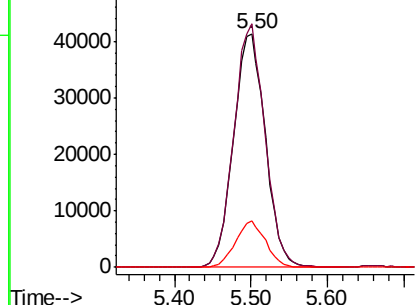
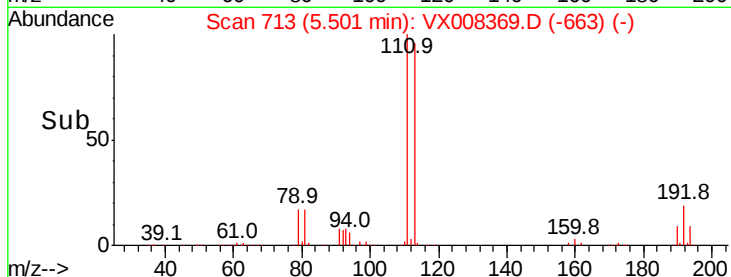
#35
 Dibromofluoromethane
 Concen: 48.231 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008369.D
 Acq: 23 Mar 2019 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW2021-20190314

Tot Ion:113 Resp: 119014
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 18.9 19.4 29.0#

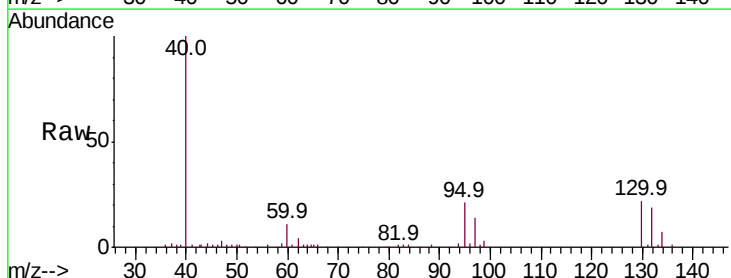


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

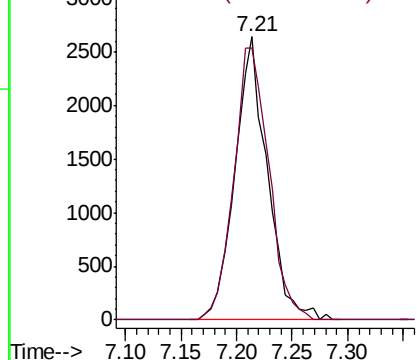
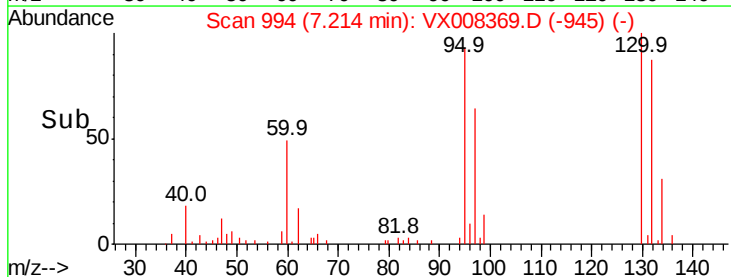


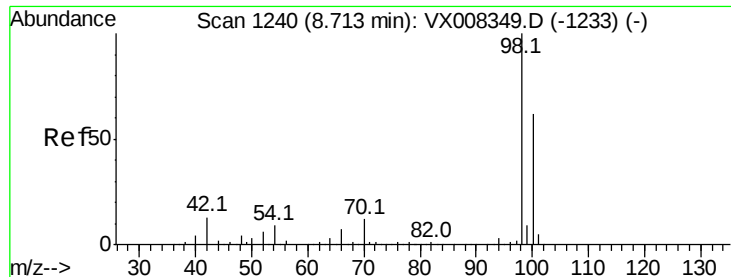
#44
 Trichloroethene
 Concen: 1.939 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008369.D
 Acq: 23 Mar 2019 22:49

Tgt Ion:130 Resp: 5337
 Ion Ratio Lower Upper
 130 100
 95 95.8 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V

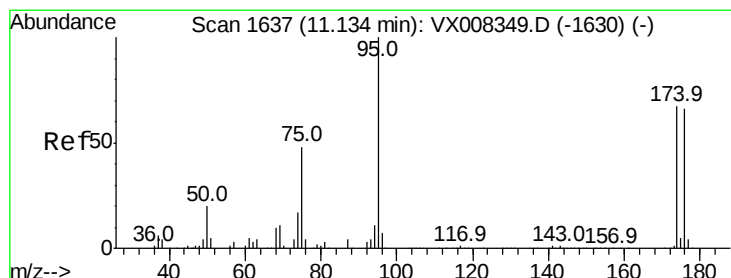
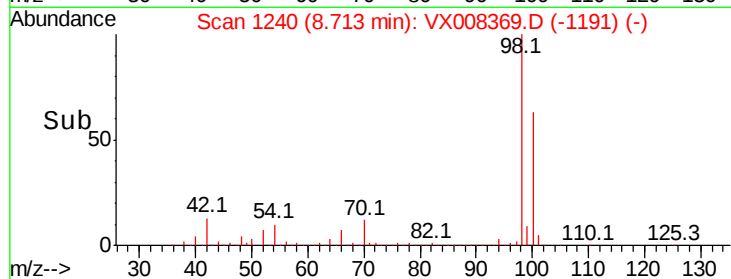
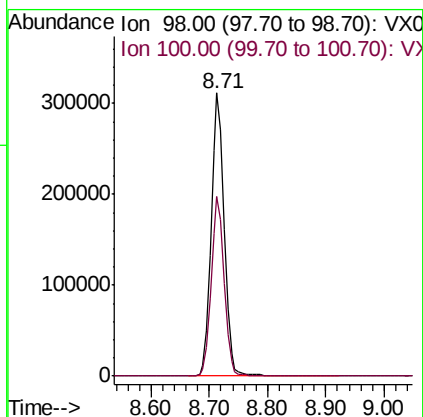
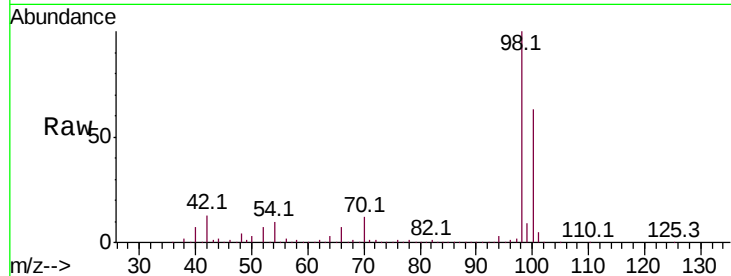




#50
Toluene-d8
Concen: 49.451 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008369.D
Acq: 23 Mar 2019 22:49

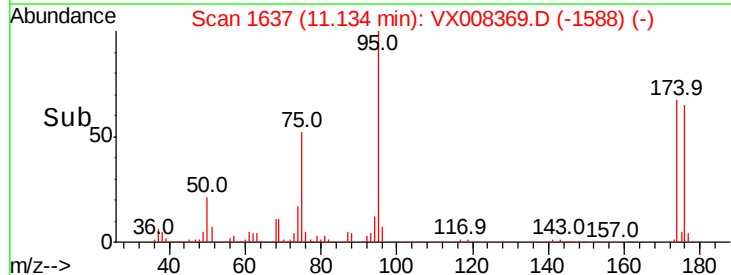
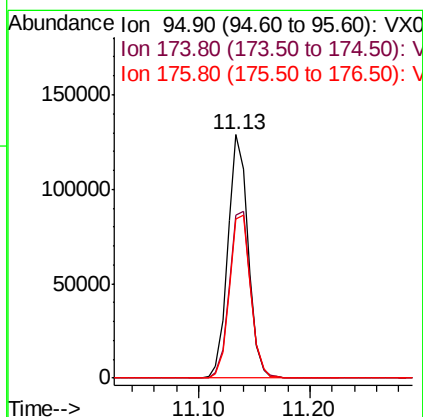
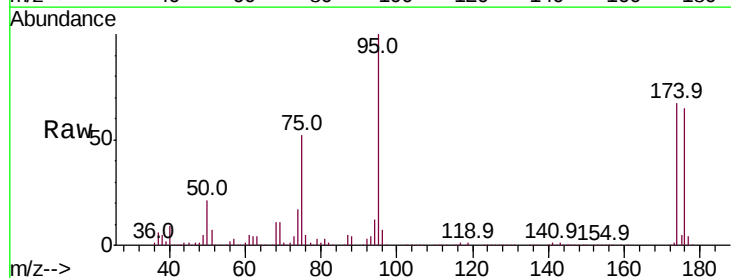
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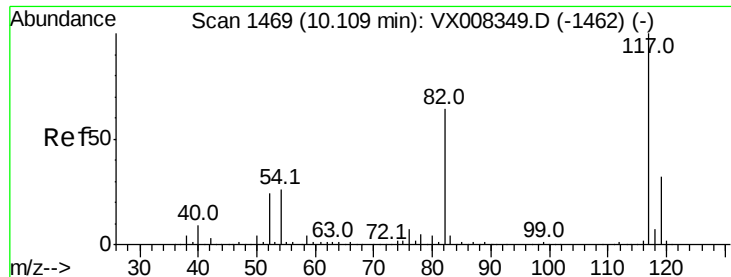
Tot Ion: 98 Resp: 482646
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.035 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008369.D
Acq: 23 Mar 2019 22:49

Tgt Ion: 95 Resp: 161384
Ion Ratio Lower Upper
95 100
174 72.3 0.0 182.8
176 70.3 0.0 178.0

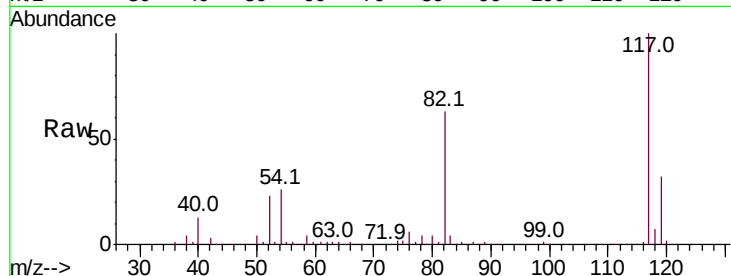




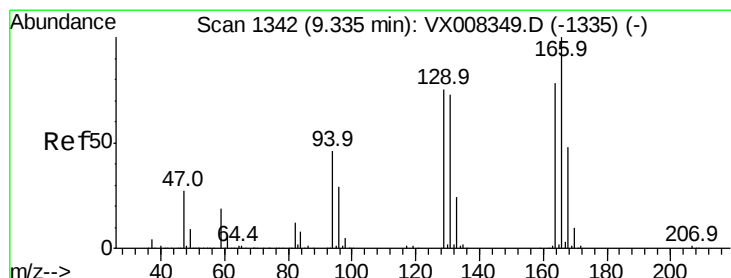
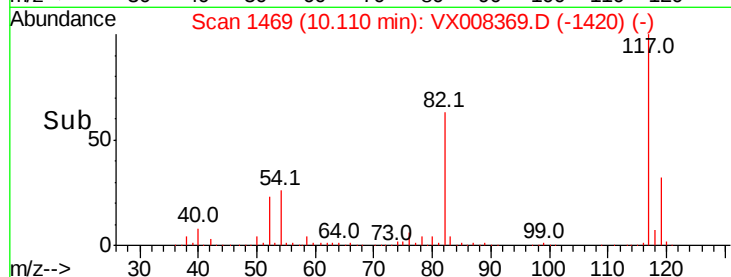
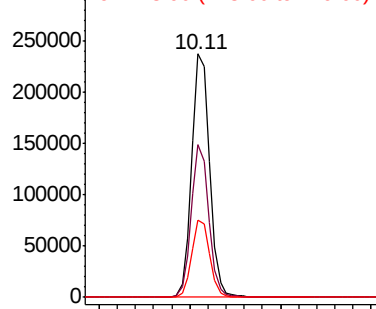
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008369.D
Acq: 23 Mar 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:117 Resp: 328187
Ion Ratio Lower Upper
117 100
82 62.7 44.3 66.5
119 31.7 25.3 37.9

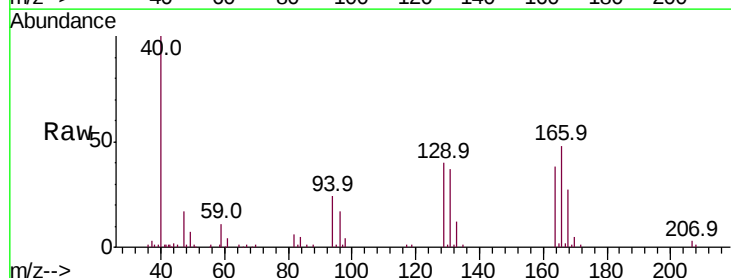


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

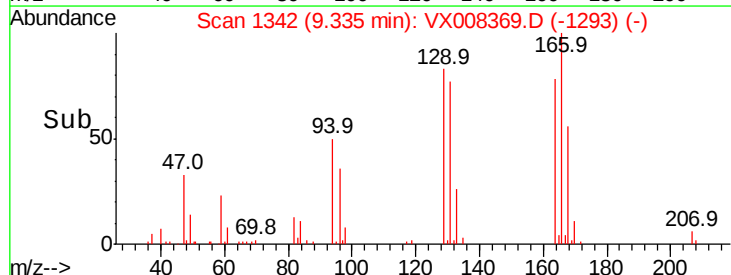
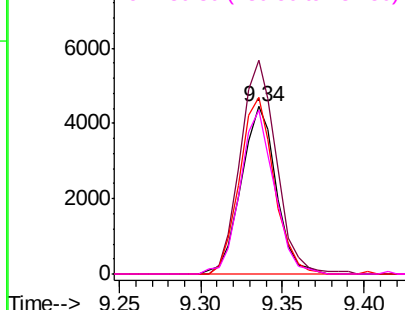


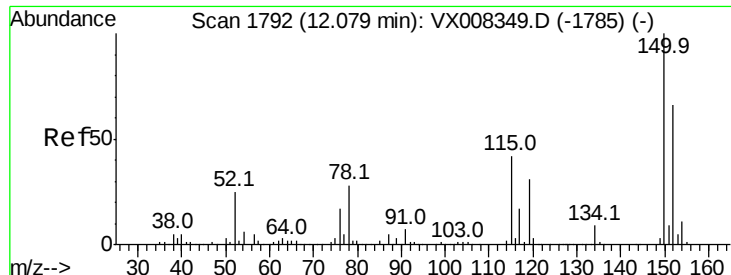
#64
Tetrachloroethene
Concen: 3.093 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008369.D
Acq: 23 Mar 2019 22:49

Tgt Ion:164 Resp: 6637
Ion Ratio Lower Upper
164 100
166 127.6 103.4 155.0
129 105.8 72.2 108.4
131 98.0 69.4 104.2



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

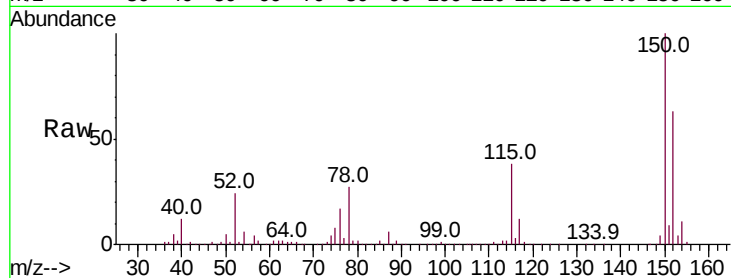




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008369.D
 Acq: 23 Mar 2019 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW2021-20190314

Tot Ion:152 Resp: 134623
 Ion Ratio Lower Upper
 152 100
 115 62.6 38.6 115.7
 150 159.1 0.0 348.4



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

