

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008124.D
 Acq On : 15 Mar 2019 23:30
 Operator : JC/SP
 Sample : K1856-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW09-20190311

Quant Time: Mar 16 02:03:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

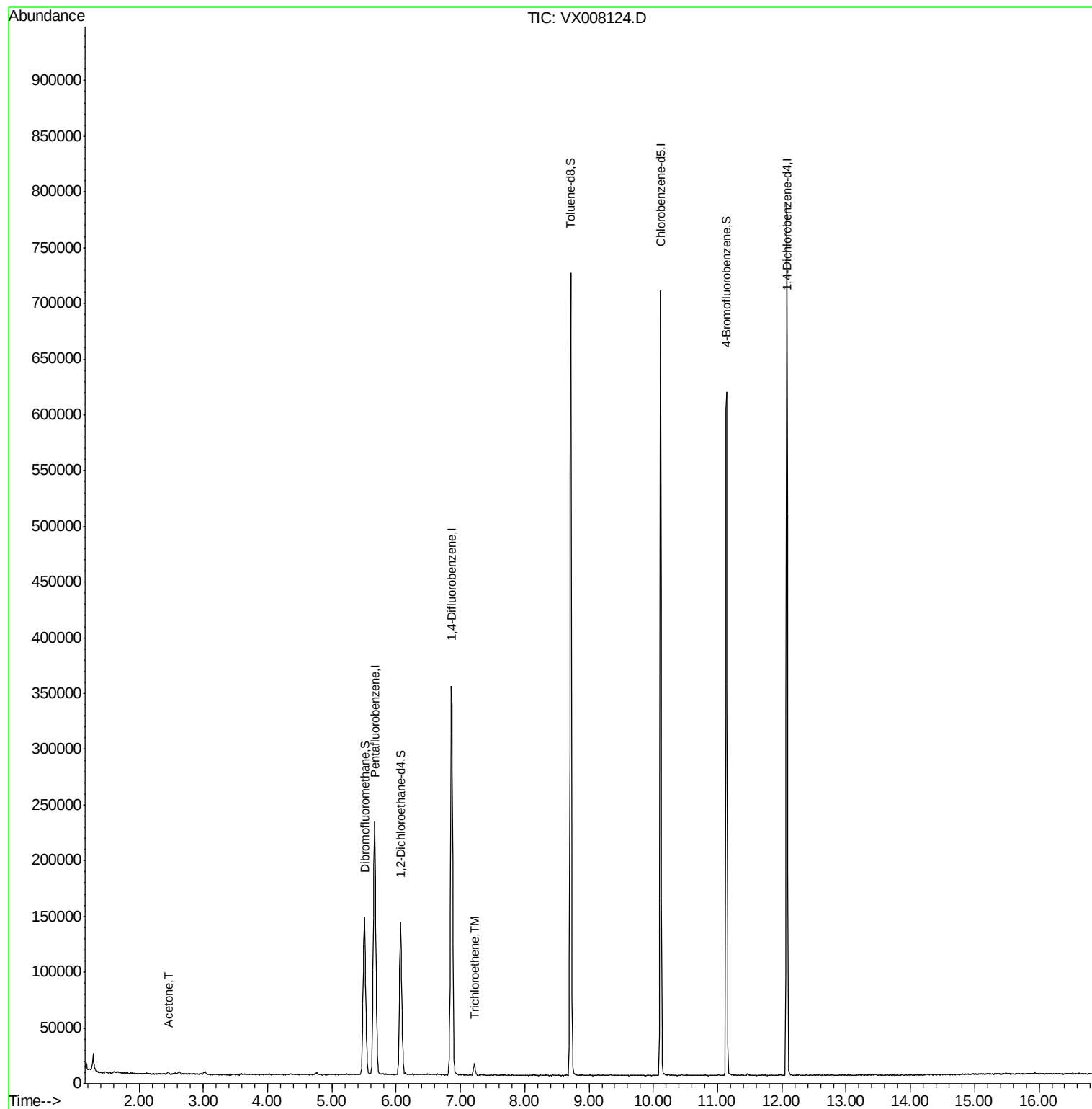
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	372362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176997	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	123480	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	5.51	113	119784	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	8.71	98	447267	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	162898	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
Target Compounds						
16) Acetone	2.45	43	1716	1.473	ug/l	95
44) Trichloroethene	7.21	130	4291	1.584	ug/l	85

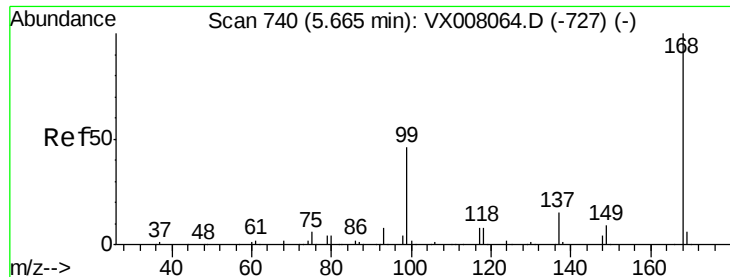
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

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ClientSampleId :

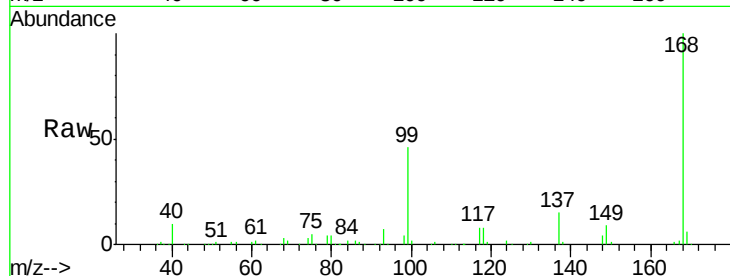
BP-TT-AOC22-MW09-20190311

Tot Ion:168 Resp: 244703

Ion Ratio Lower Upper

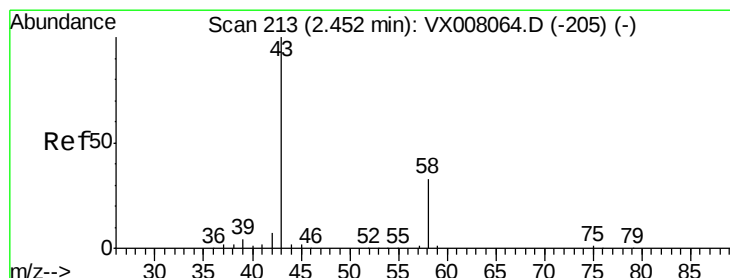
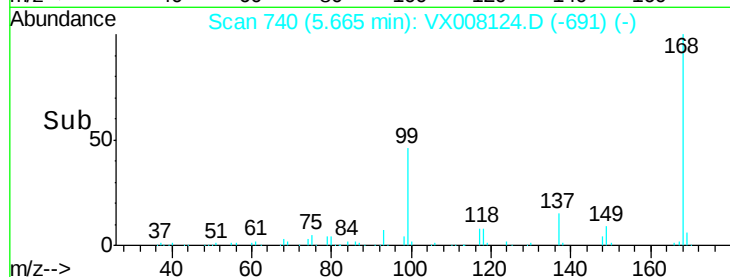
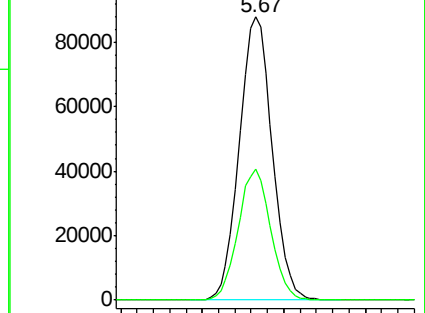
168 100

99 46.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.473 ug/l

RT: 2.45 min Scan# 213

Delta R.T. -0.00 min

Lab File: VX008124.D

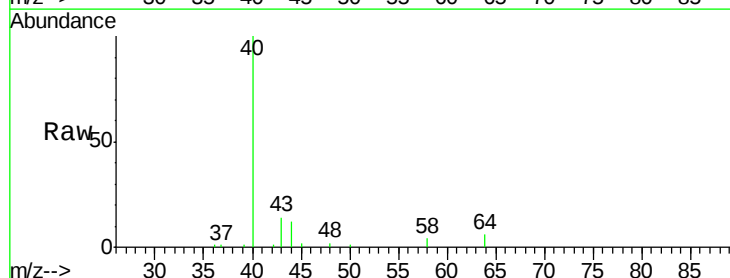
Acq: 15 Mar 2019 23:30

Tgt Ion: 43 Resp: 1716

Ion Ratio Lower Upper

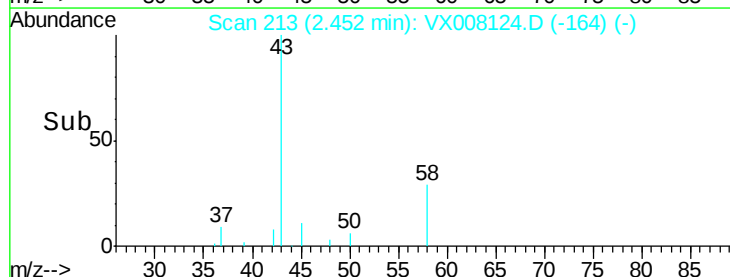
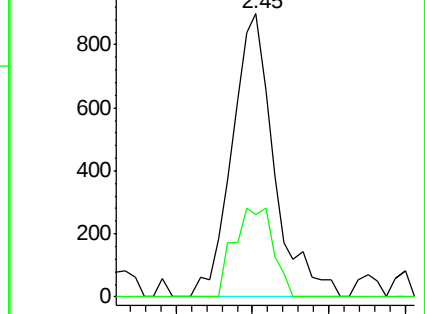
43 100

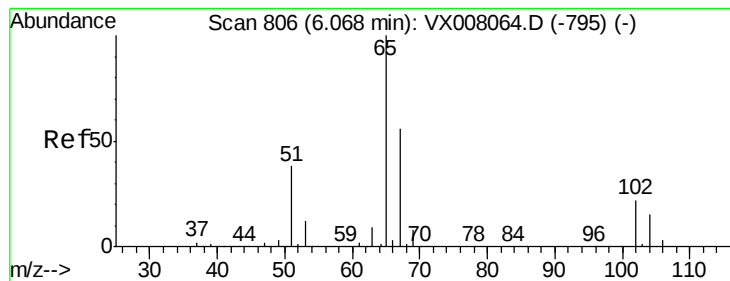
58 29.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.024 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008124.D

Acq: 15 Mar 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

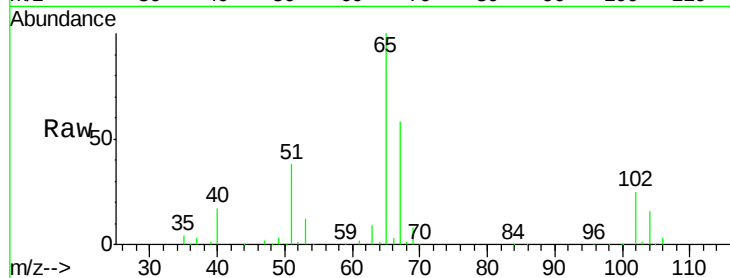
BP-TT-AOC22-MW09-20190311

Tot Ion: 65 Resp: 123480

Ion Ratio Lower Upper

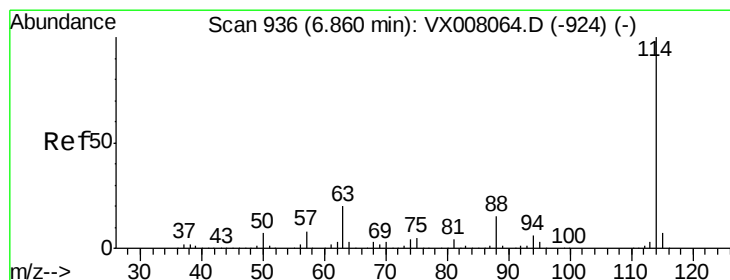
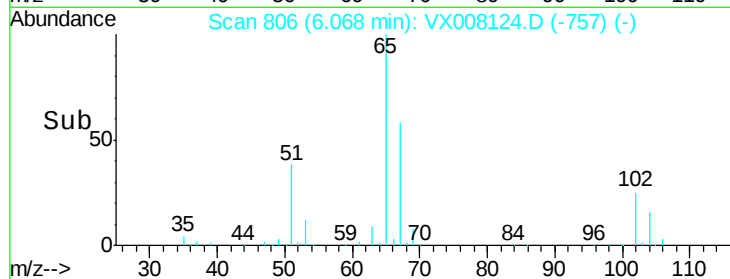
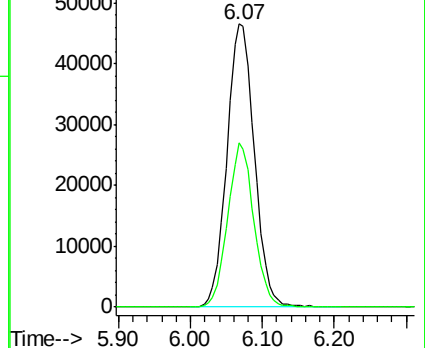
65 100

67 55.2 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: VX008124.D

Acq: 15 Mar 2019 23:30

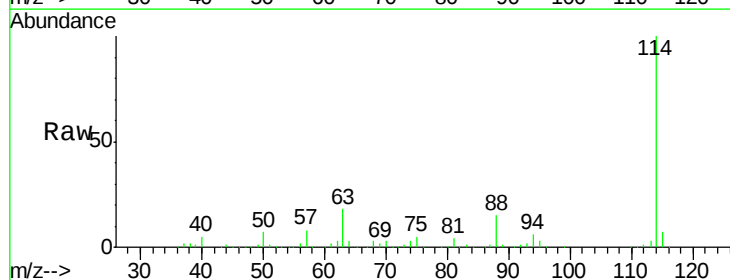
Tgt Ion: 114 Resp: 372362

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.8

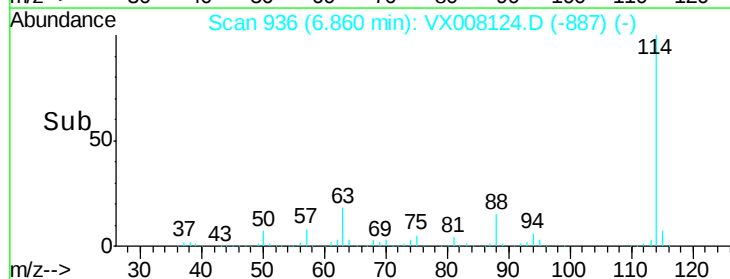
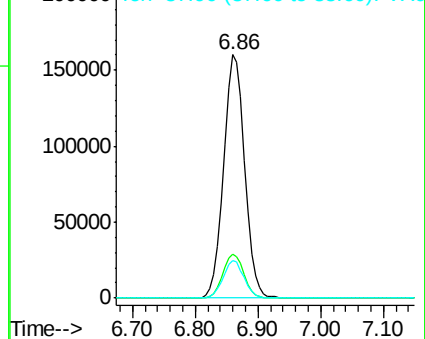
88 15.4 0.0 31.4

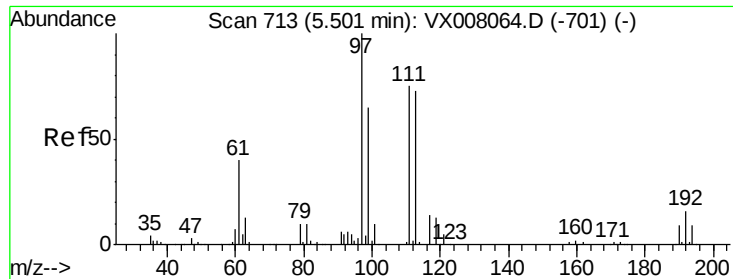


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.728 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008124.D

Acq: 15 Mar 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW09-20190311

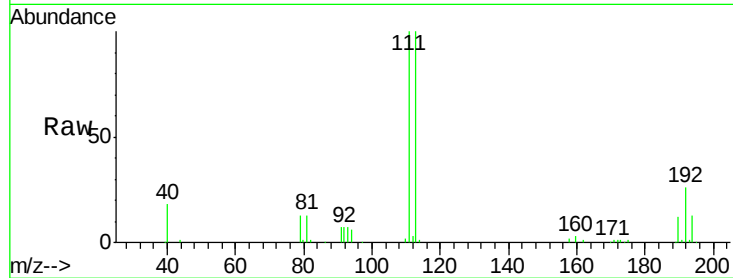
Tot Ion:113 Resp: 119784

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

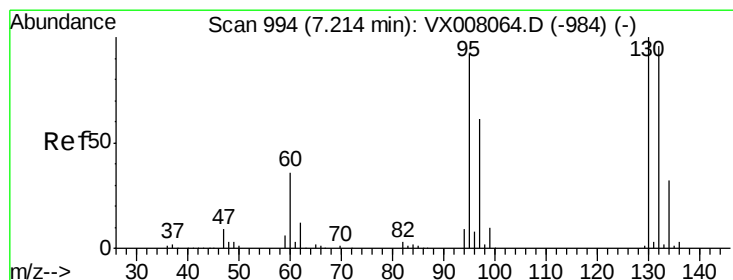
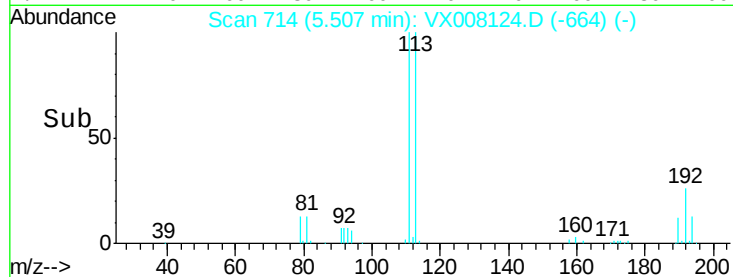
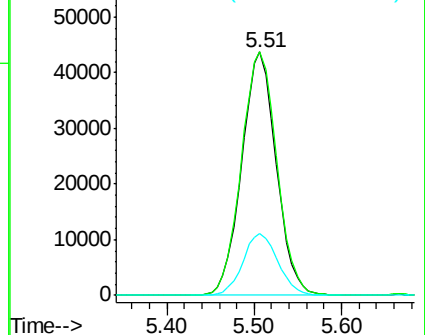
192 25.7 19.4 29.0



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: 1.584 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008124.D

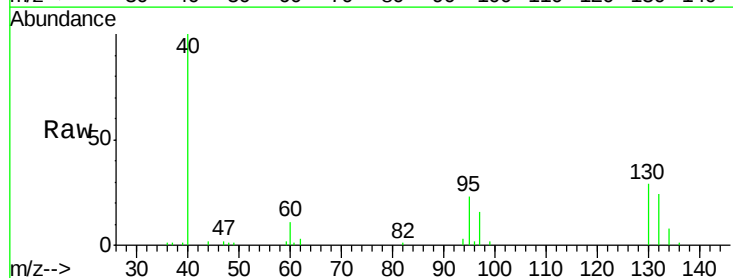
Acq: 15 Mar 2019 23:30

Tgt Ion:130 Resp: 4291

Ion Ratio Lower Upper

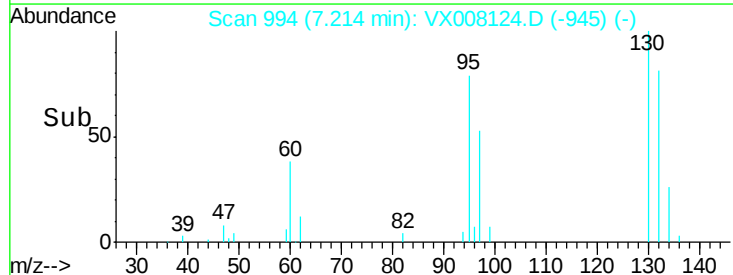
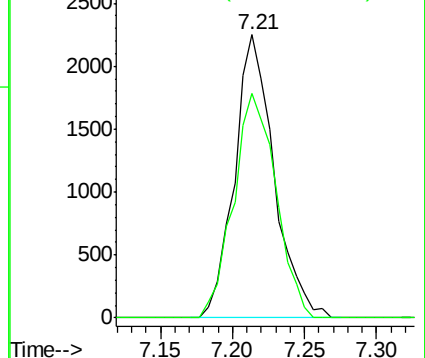
130 100

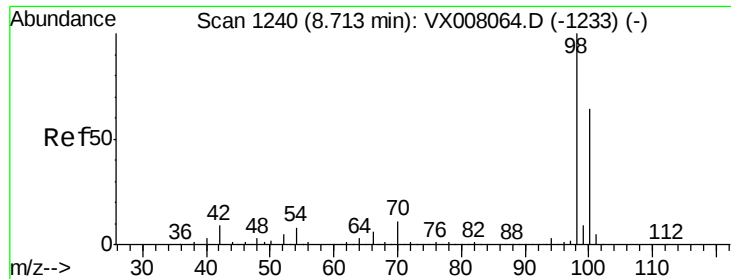
95 79.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

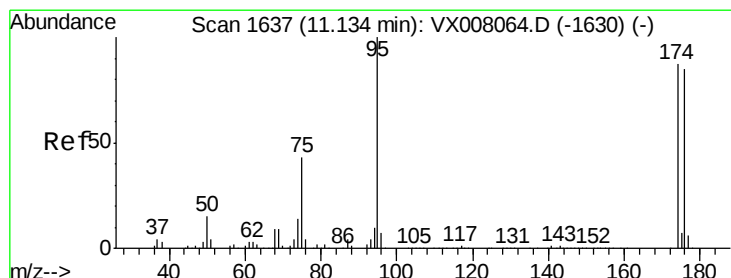
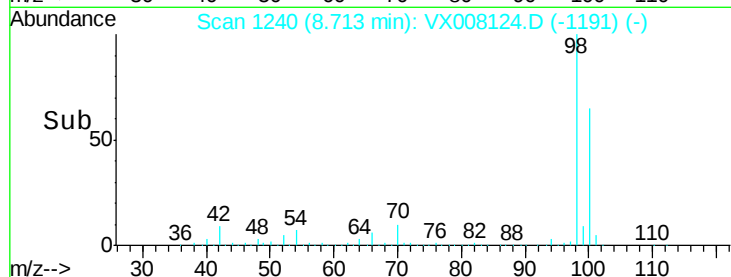
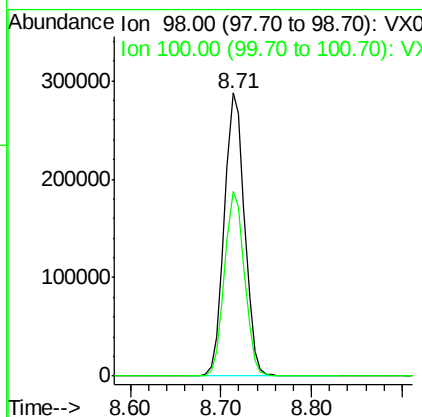
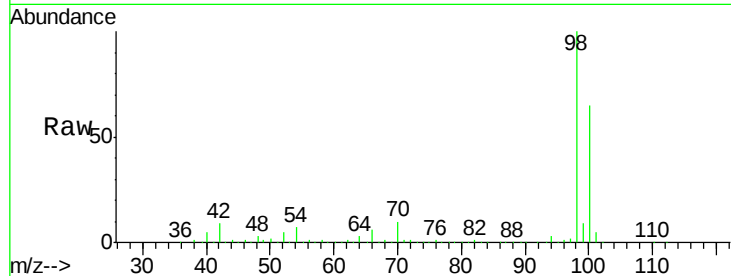




#50
Toluene-d8
Concen: 49.803 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008124.D
Acq: 15 Mar 2019 23:30

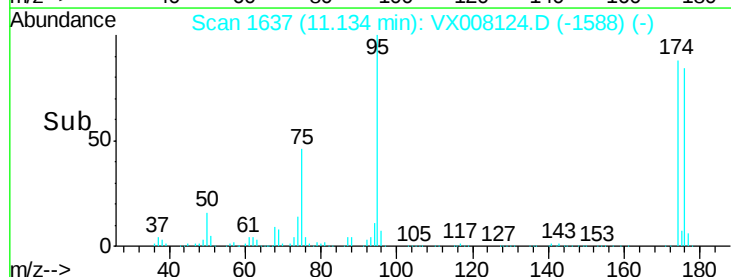
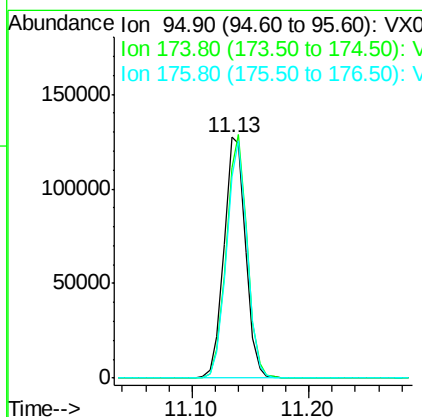
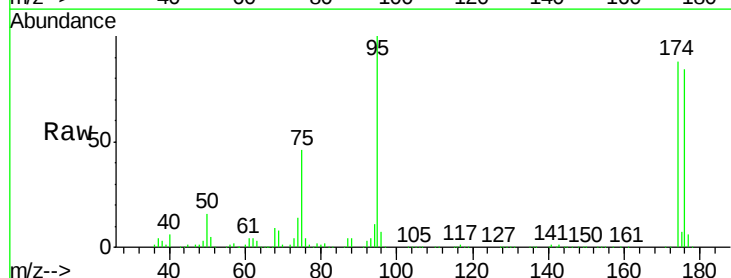
Instrument :
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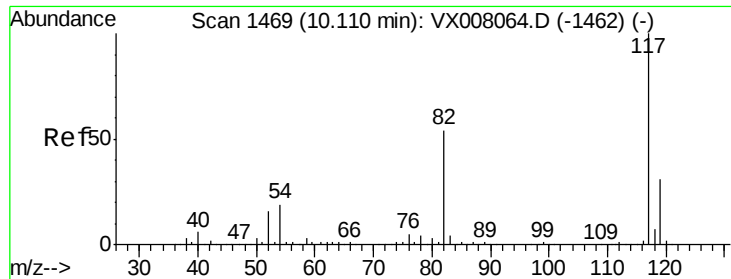
Tot Ion: 98 Resp: 447267
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.633 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008124.D
Acq: 15 Mar 2019 23:30

Tgt Ion: 95 Resp: 162898
Ion Ratio Lower Upper
95 100
174 97.5 0.0 182.8
176 94.0 0.0 178.0

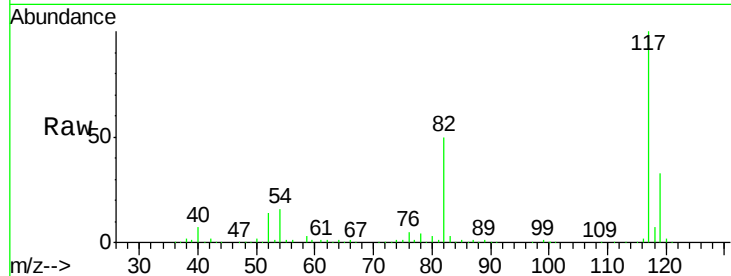




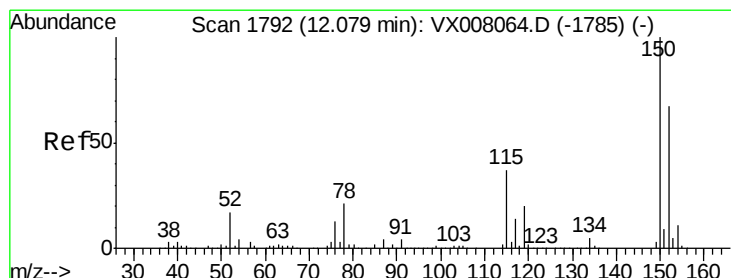
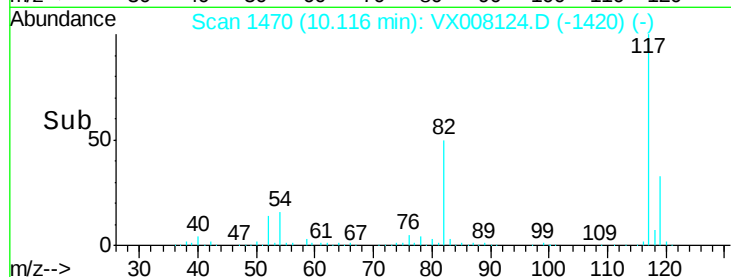
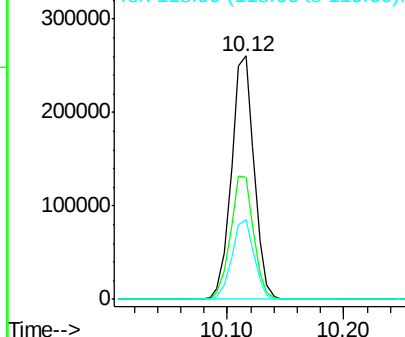
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008124.D
Acq: 15 Mar 2019 23:30

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW09-20190311

Tot Ion:117 Resp: 352776
Ion Ratio Lower Upper
117 100
82 50.3 44.3 66.5
119 32.7 25.3 37.9

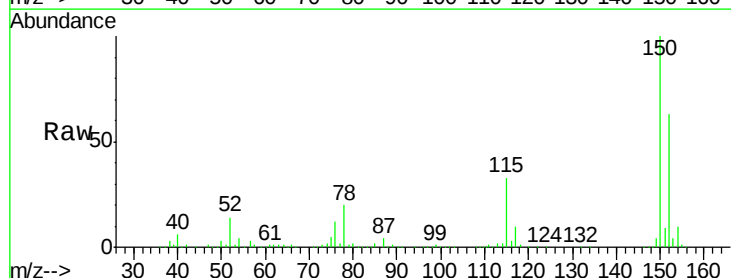


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008124.D
Acq: 15 Mar 2019 23:30

Tgt Ion:152 Resp: 176997
Ion Ratio Lower Upper
152 100
115 53.7 38.6 115.7
150 156.0 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

