

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 01:11:26 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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%	

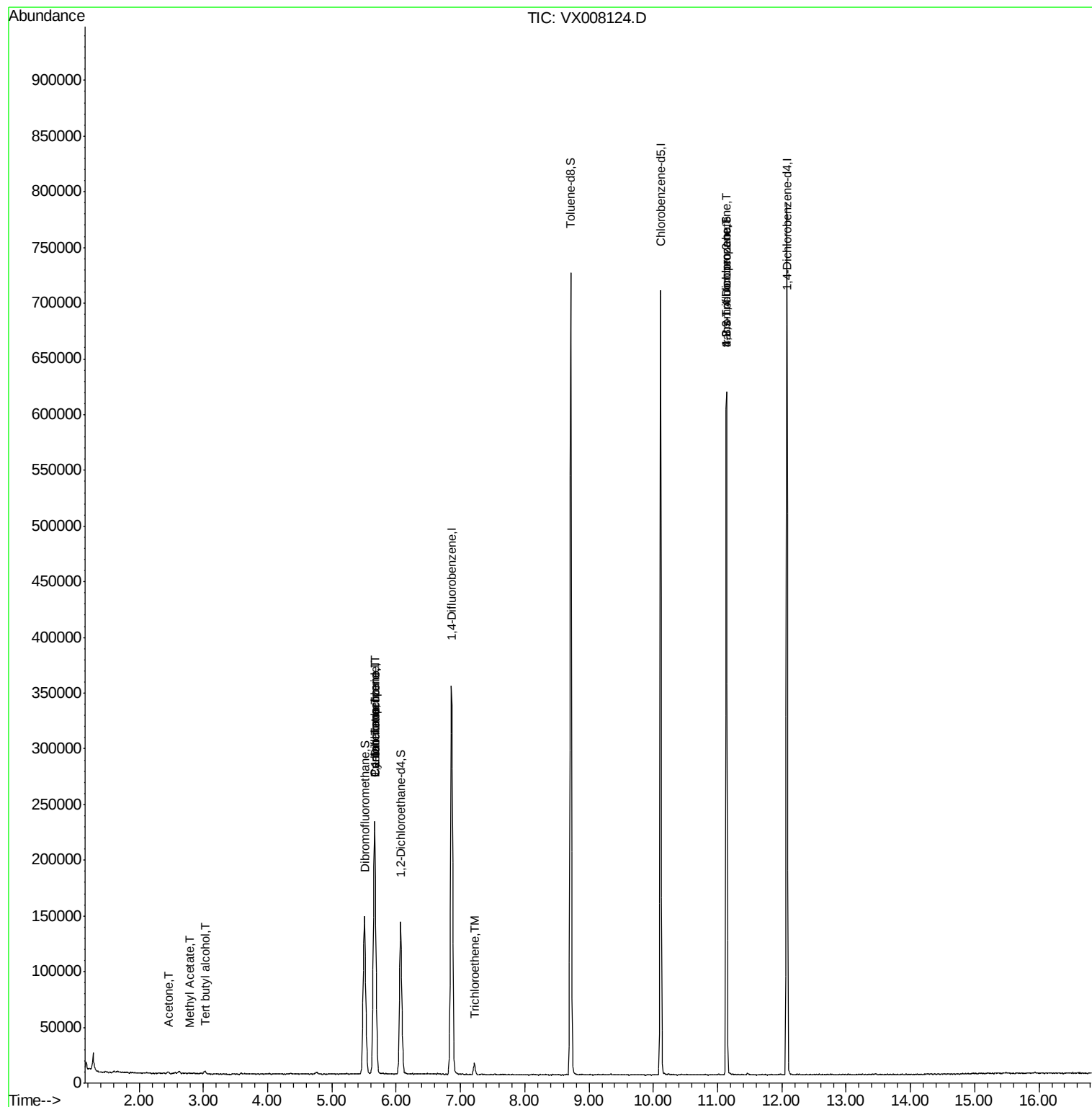
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	286	Below Cal	#	57
6) Chloroethane	1.68	64	190	Below Cal	#	43
11) Tert butyl alcohol	3.03	59	1736	3.640	ug/l #	73
16) Acetone	2.45	43	1716	1.473	ug/l	95
18) Methyl Acetate	2.78	43	521	0.207	ug/l	95
31) Cyclohexane	5.67	56	3306	0.937	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13465	4.396	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20548	6.969	ug/l #	18
44) Trichloroethene	7.21	130	4291	1.584	ug/l	85
76) 1,2,3-Trichloropropane	11.13	75	73220	23.820	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	73220	67.782	ug/l #	11

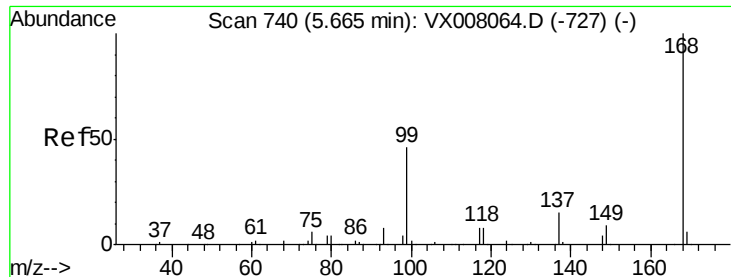
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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 01:11:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

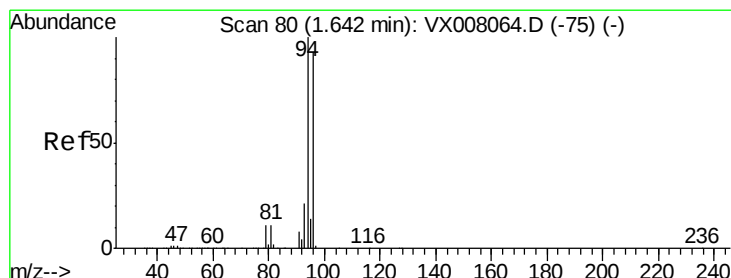
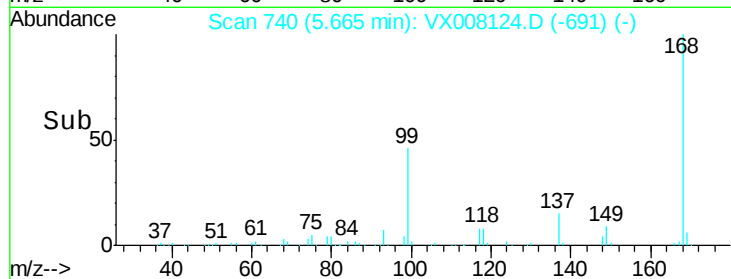
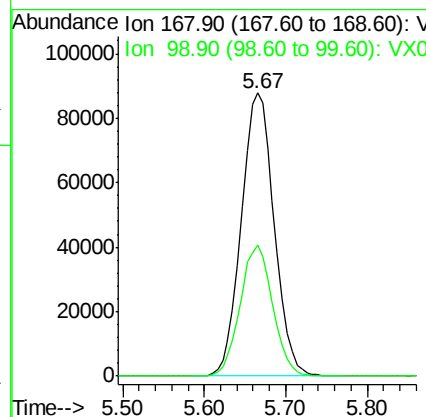
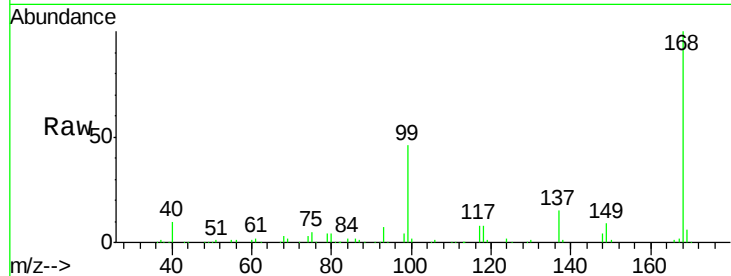




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX008124.D
Acq: 15 Mar 2019 23:30

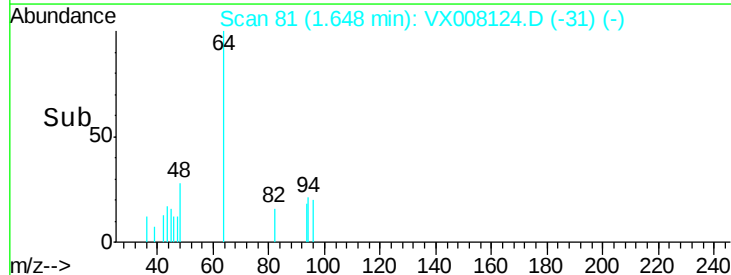
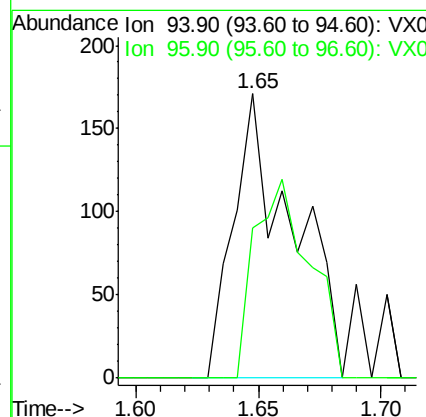
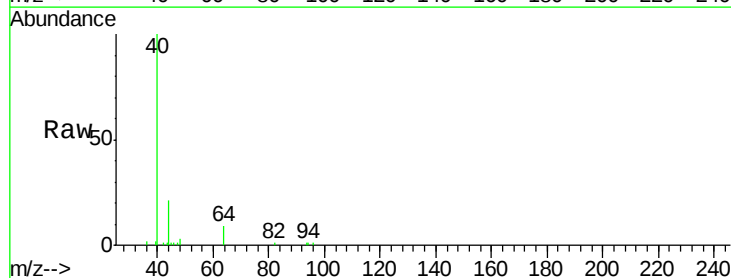
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW09-20190311

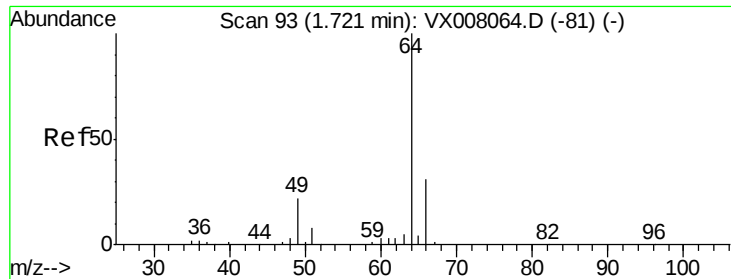
Tot Ion:168 Resp: 244703
Ion Ratio Lower Upper
168 100
99 46.4 37.6 56.4



#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX008124.D
Acq: 15 Mar 2019 23:30

Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 52.6 75.5 113.3#





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 87

Delta R.T. -0.04 min

Lab File: VX008124.D

Acq: 15 Mar 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

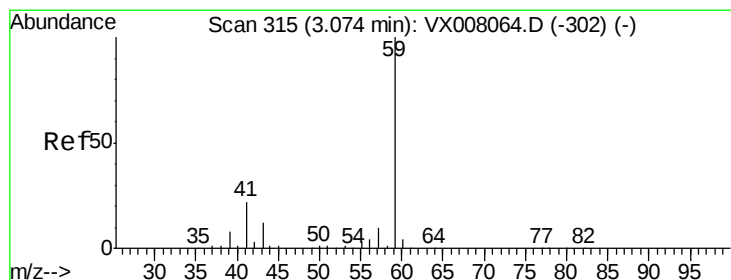
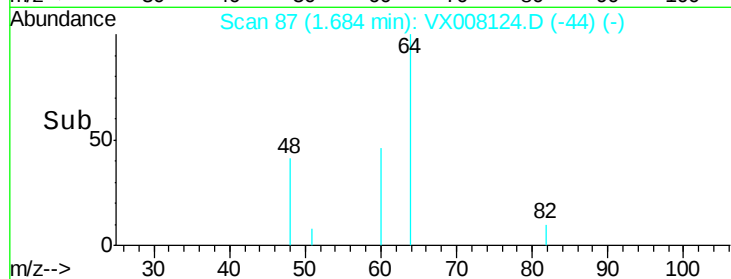
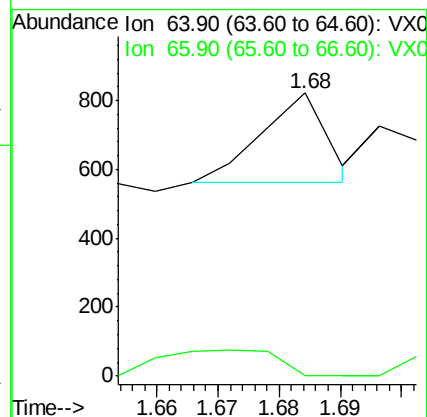
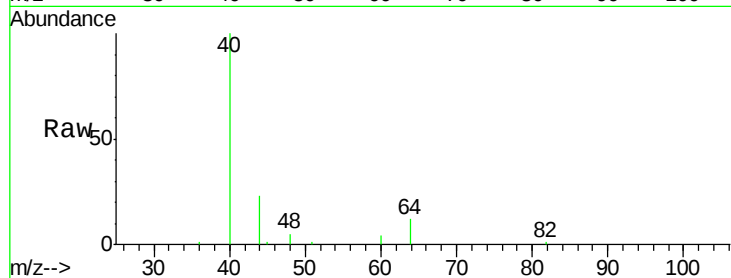
BP-TT-AOC22-MW09-20190311

Tot Ion: 64 Resp: 190

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



#11

Tert butyl alcohol

Concen: 3.640 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX008124.D

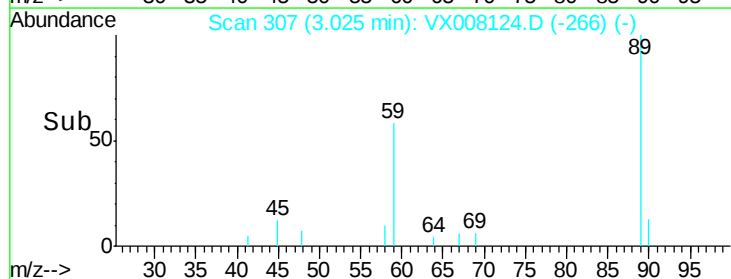
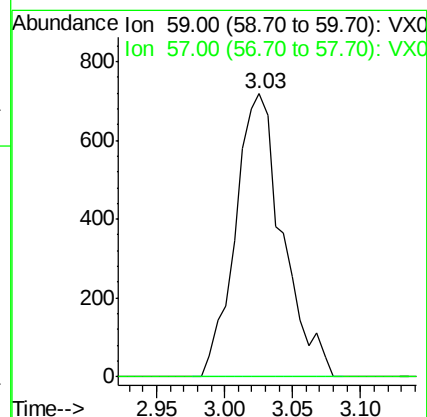
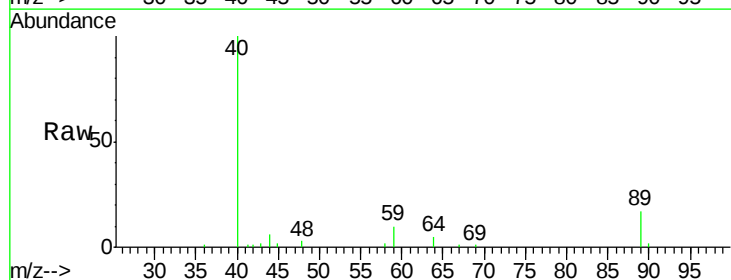
Acq: 15 Mar 2019 23:30

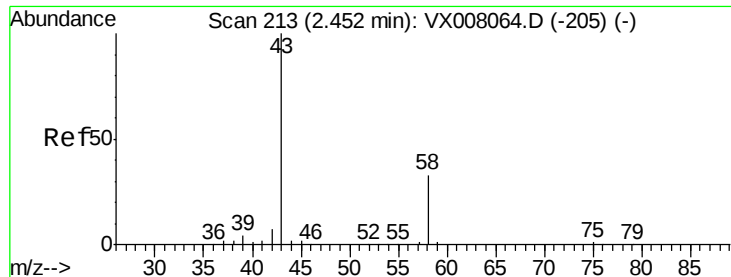
Tgt Ion: 59 Resp: 1736

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#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

Instrument :

MSVOA_X

ClientSampleId :

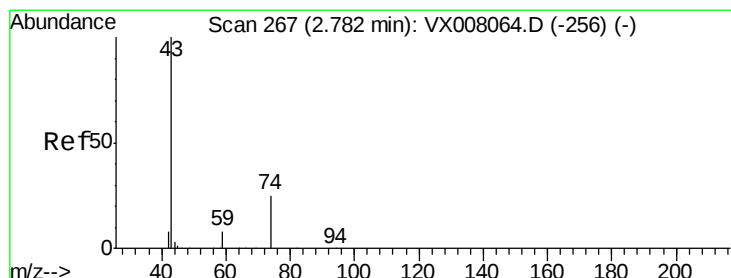
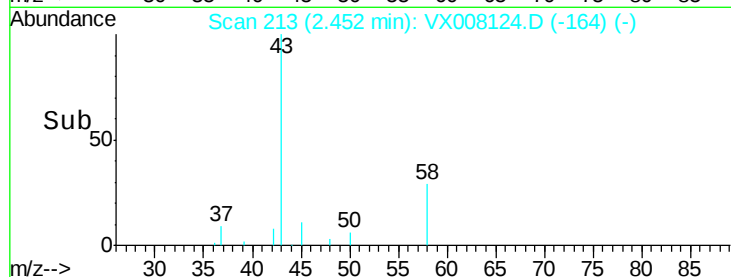
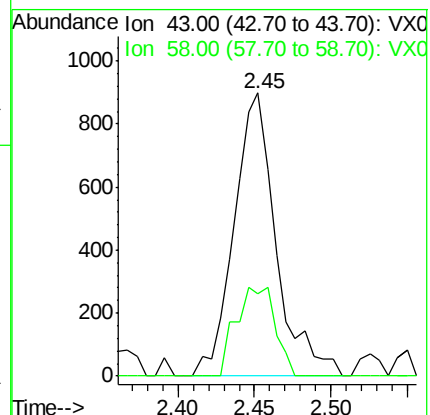
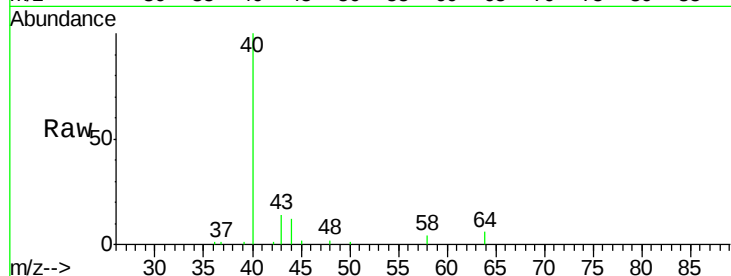
BP-TT-AOC22-MW09-20190311

Tot Ion: 43 Resp: 1716

Ion Ratio Lower Upper

43 100

58 29.0 25.5 38.3



#18

Methyl Acetate

Concen: 0.207 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX008124.D

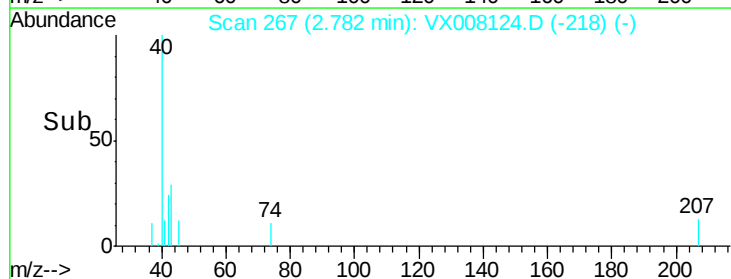
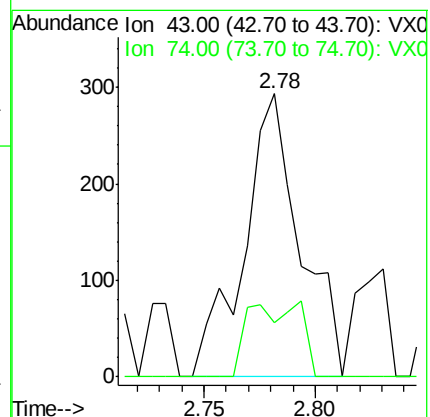
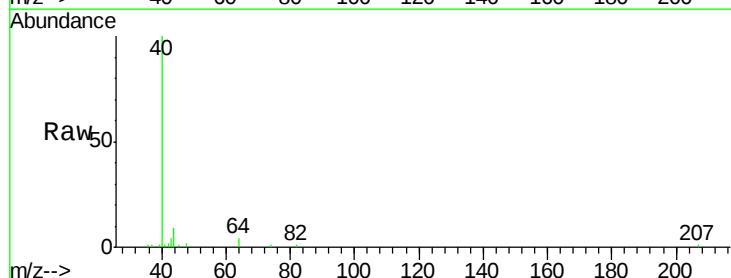
Acq: 15 Mar 2019 23:30

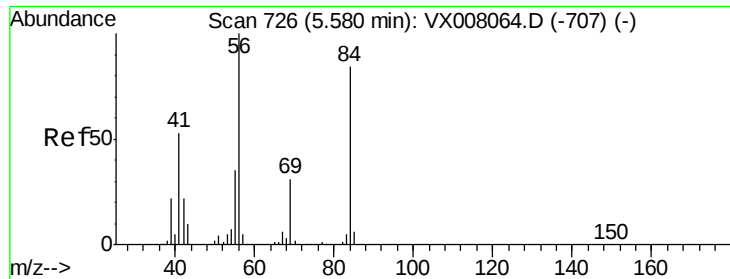
Tgt Ion: 43 Resp: 521

Ion Ratio Lower Upper

43 100

74 24.4 17.8 26.6

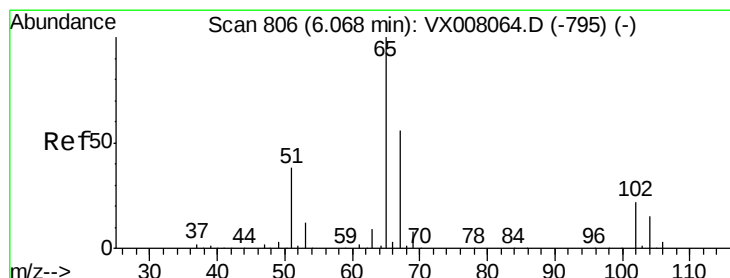
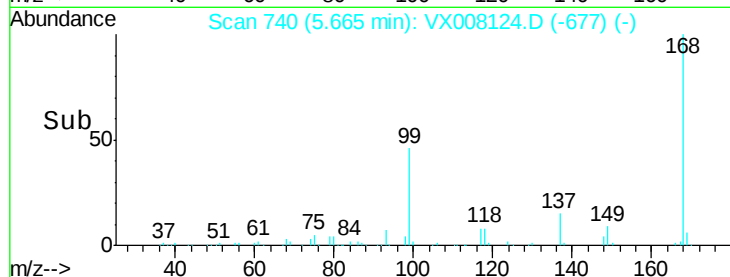
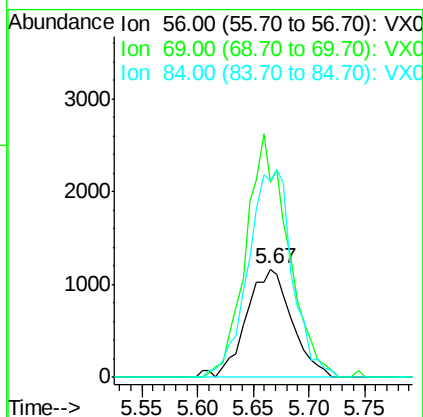
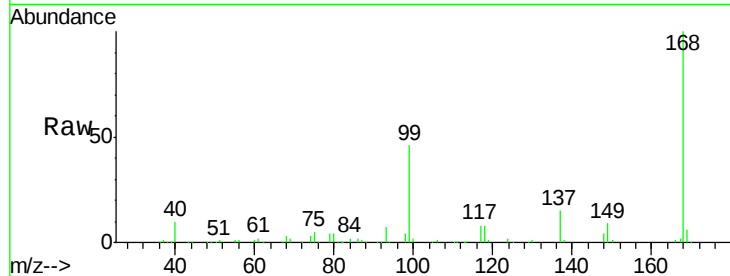




#31
Cyclohexane
Concen: 0.937 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008124.D
Acq: 15 Mar 2019 23:30

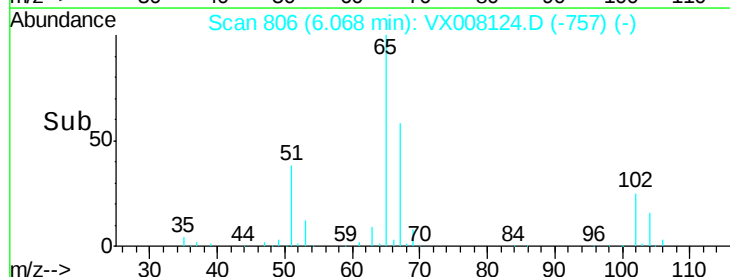
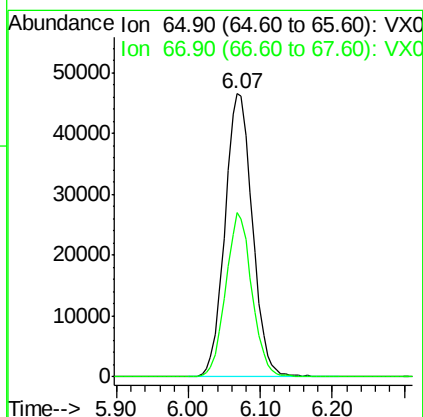
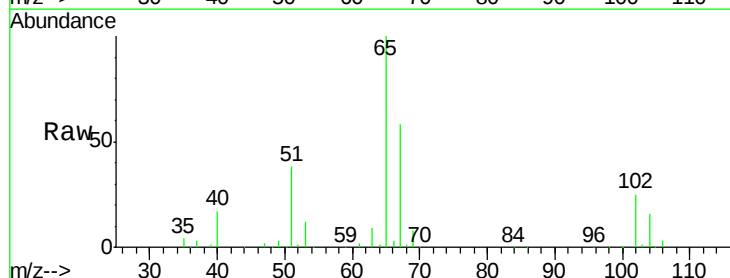
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW09-20190311

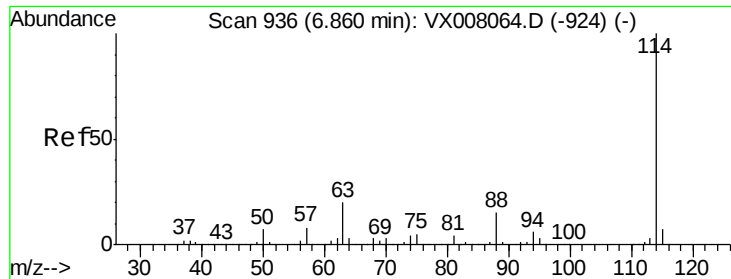
Tot Ion: 56 Resp: 3306
Ion Ratio Lower Upper
56 100
69 180.6 24.0 36.0#
84 181.7 65.3 97.9#



#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

Tgt Ion: 65 Resp: 123480
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.0

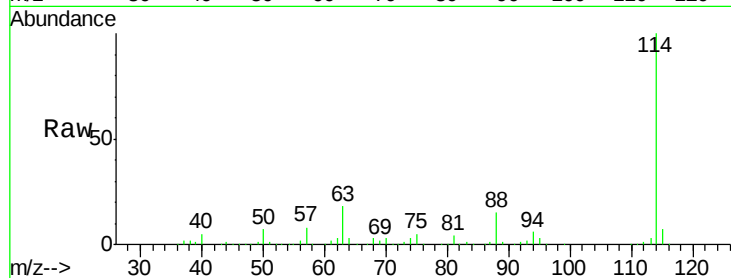




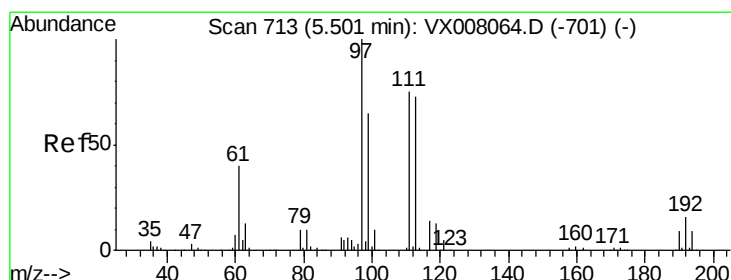
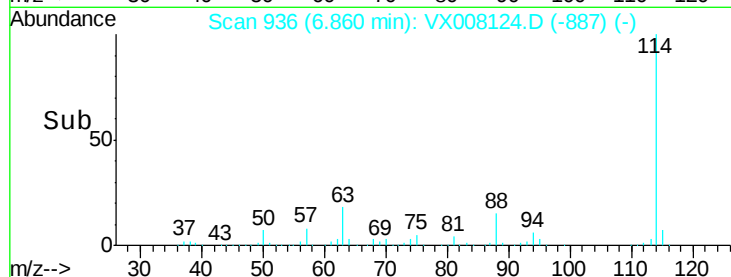
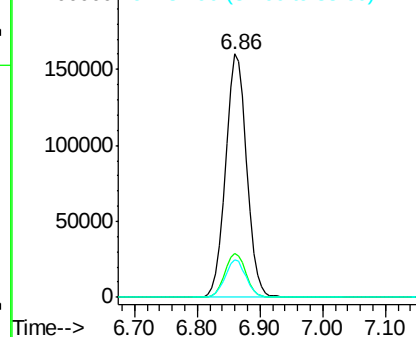
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008124.D
Acq: 15 Mar 2019 23:30

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

Tot Ion:114 Resp: 372362
Ion Ratio Lower Upper
114 100
63 18.0 0.0 39.8
88 15.4 0.0 31.4

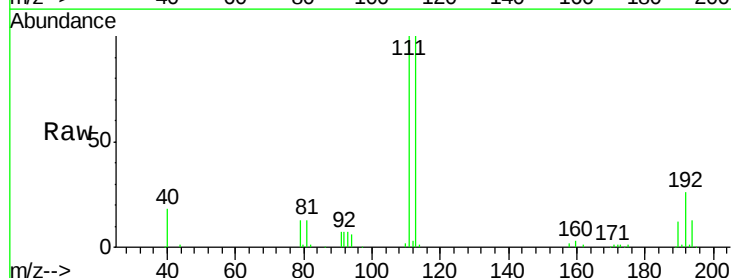


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX

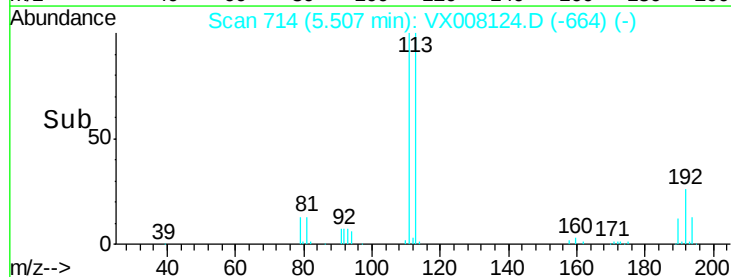
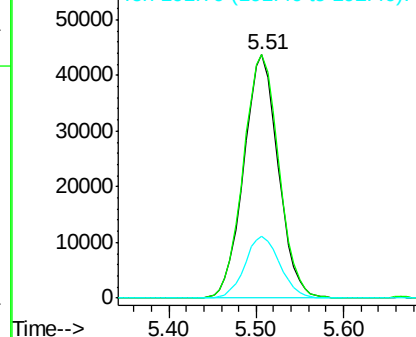


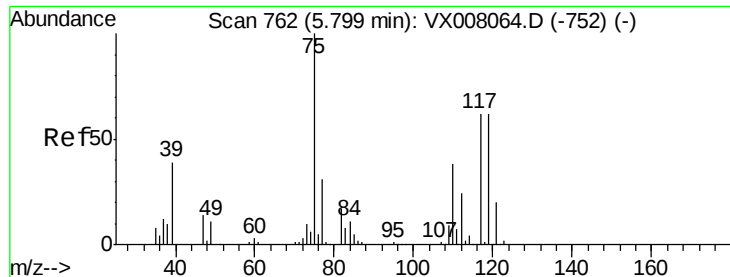
#35
Dibromofluoromethane
Concen: 50.728 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX008124.D
Acq: 15 Mar 2019 23:30

Tgt 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





#36

1,1-Dichloropropene

Concen: 4.396 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008124.D

Acq: 15 Mar 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW09-20190311

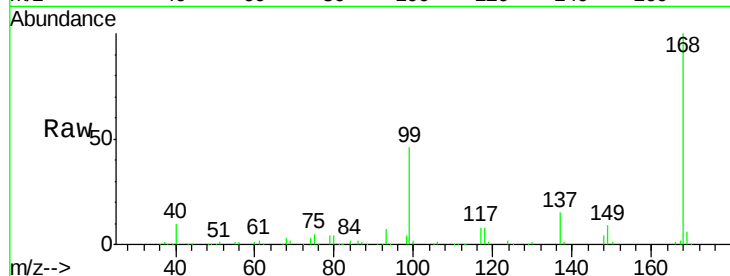
Tot Ion: 75 Resp: 13465

Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.0#

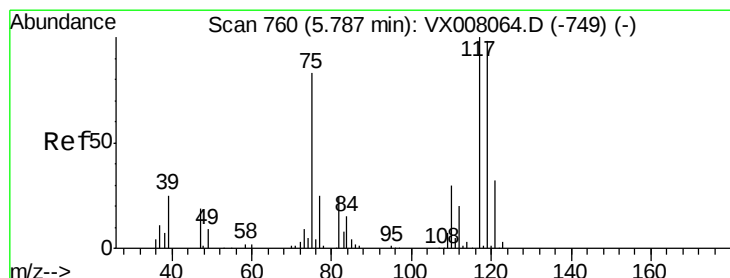
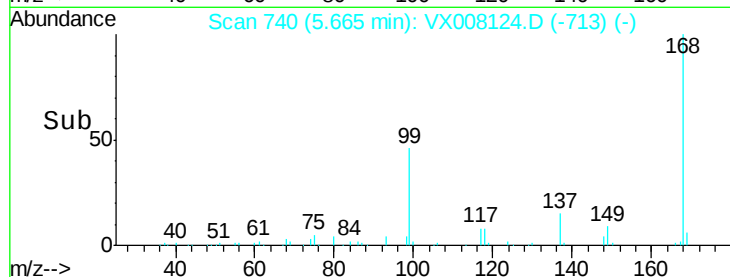
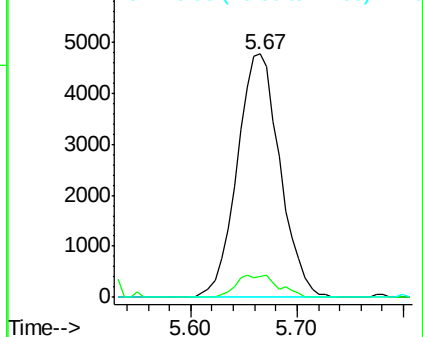
77 0.0 25.0 37.4#



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: 6.969 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008124.D

Acq: 15 Mar 2019 23:30

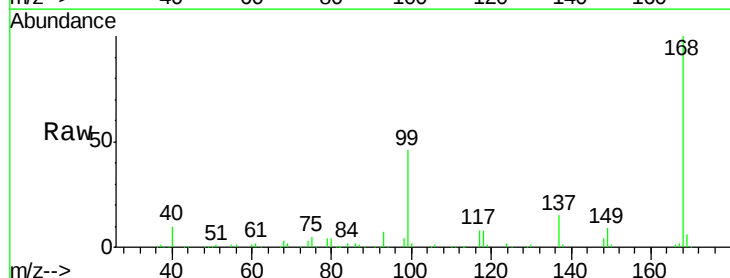
Tgt Ion: 117 Resp: 20548

Ion Ratio Lower Upper

117 100

119 6.9 76.2 114.2#

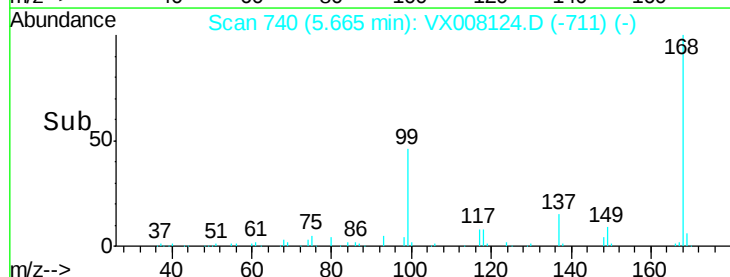
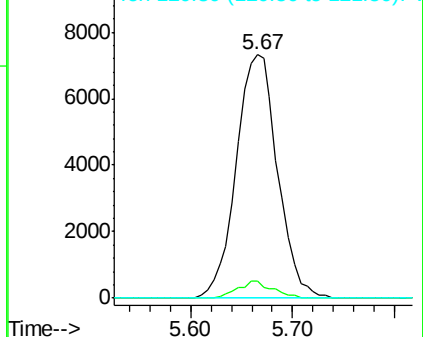
121 0.0 24.6 36.8#

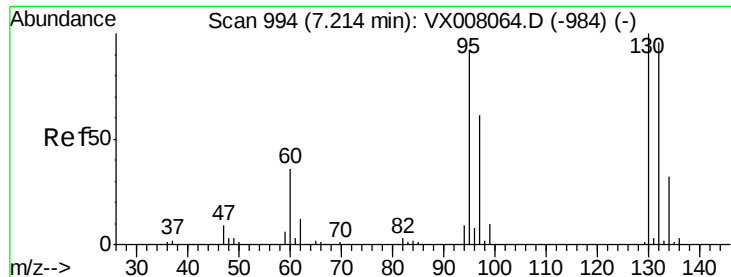


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 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

Instrument :

MSVOA_X

ClientSampleId :

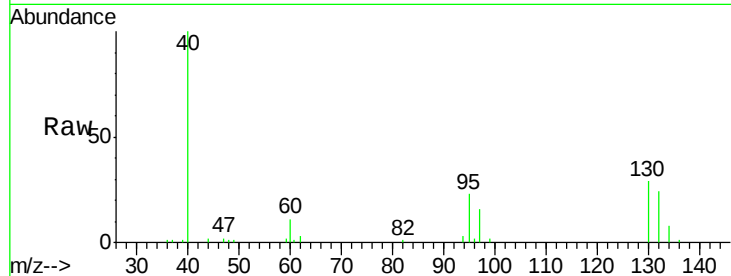
BP-TT-AOC22-MW09-20190311

Tot Ion:130 Resp: 4291

Ion Ratio Lower Upper

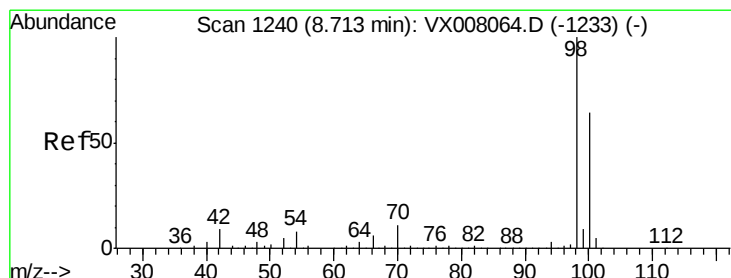
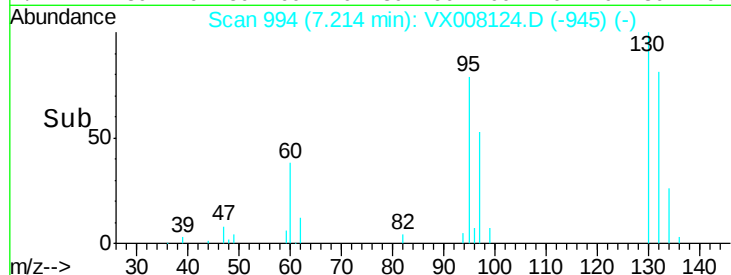
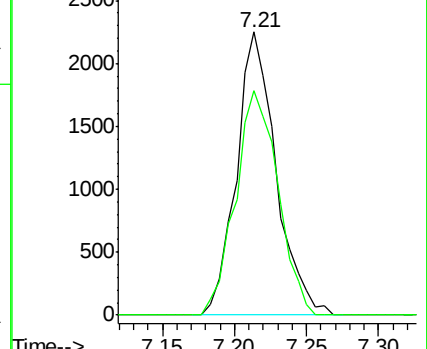
130 100

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

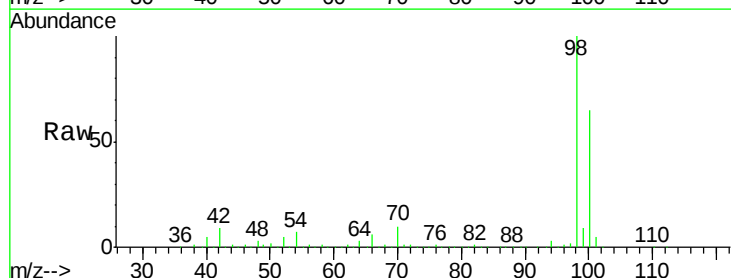
Acq: 15 Mar 2019 23:30

Tgt Ion: 98 Resp: 447267

Ion Ratio Lower Upper

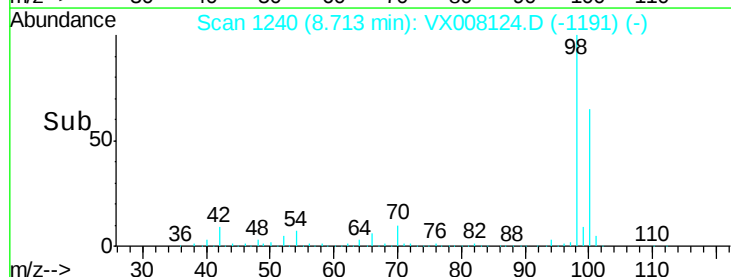
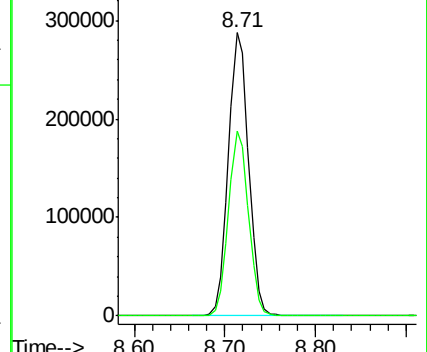
98 100

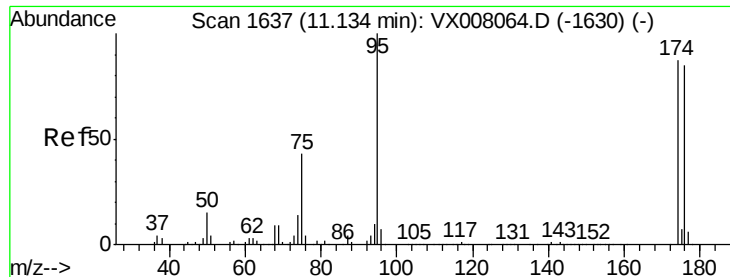
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

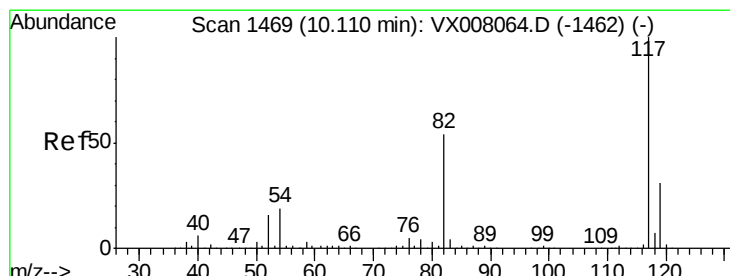
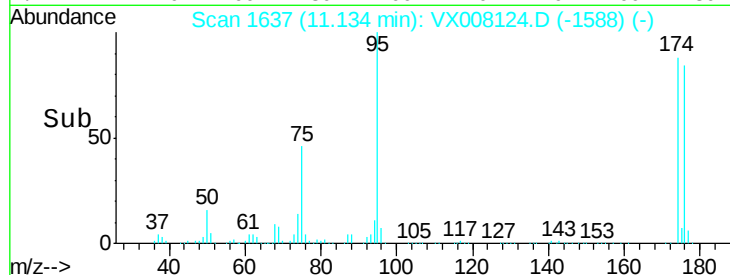
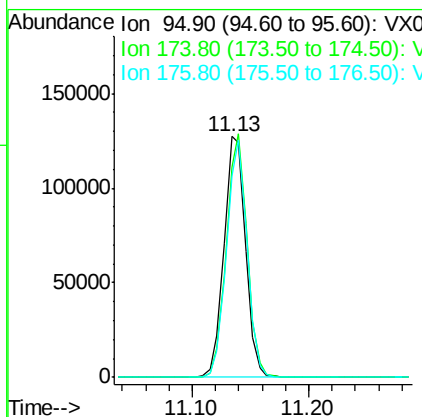
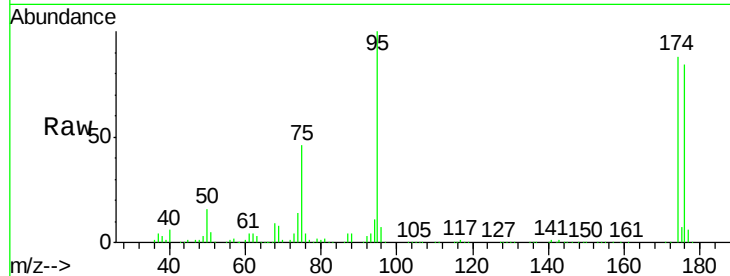




#62
4-Bromofluorobenzene
Concen: 50.633 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008124.D
Acq: 15 Mar 2019 23:30

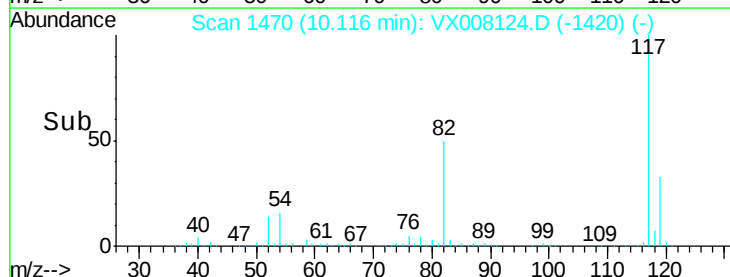
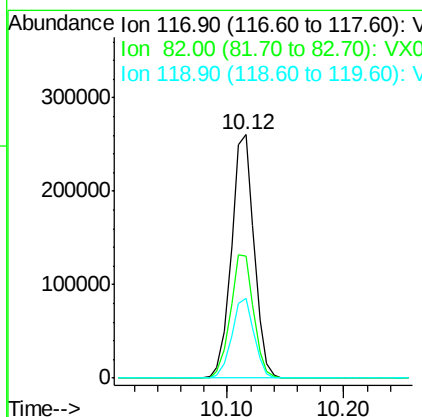
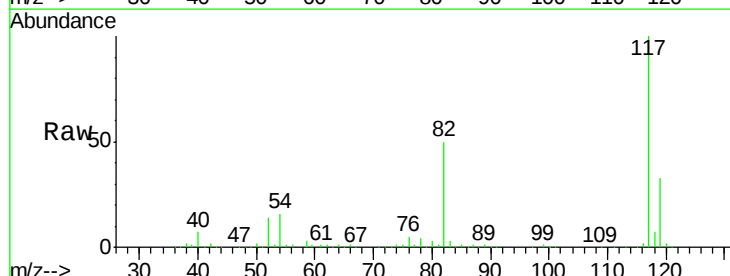
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW09-20190311

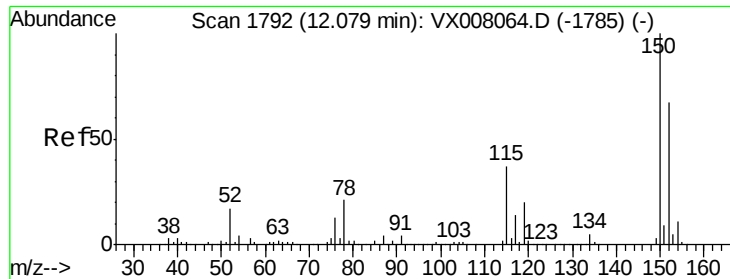
Tot Ion: 95 Resp: 162898
Ion Ratio Lower Upper
95 100
174 97.5 0.0 182.8
176 94.0 0.0 178.0



#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

Tgt Ion: 117 Resp: 352776
Ion Ratio Lower Upper
117 100
82 50.3 44.3 66.5
119 32.7 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: VX008124.D

Acq: 15 Mar 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW09-20190311

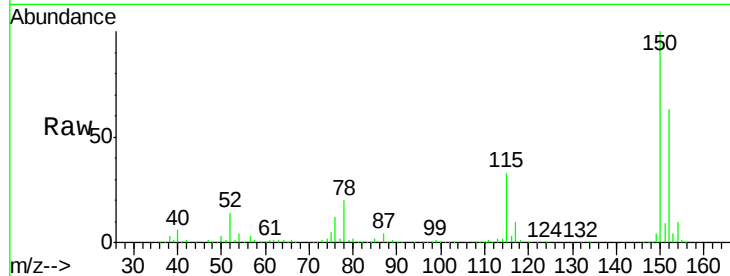
Tot Ion:152 Resp: 176997

Ion Ratio Lower Upper

152 100

115 53.7 38.6 115.7

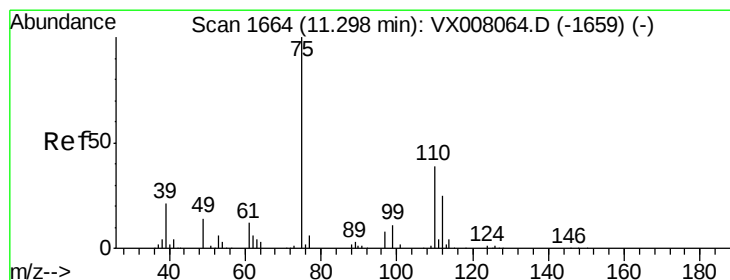
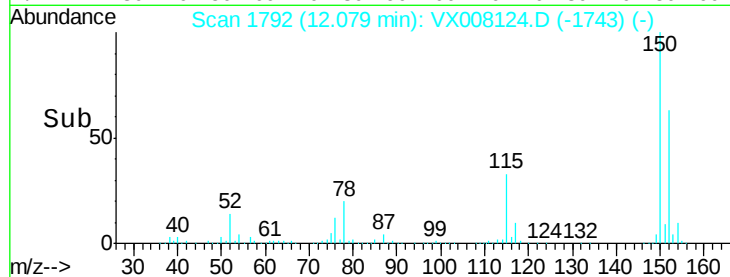
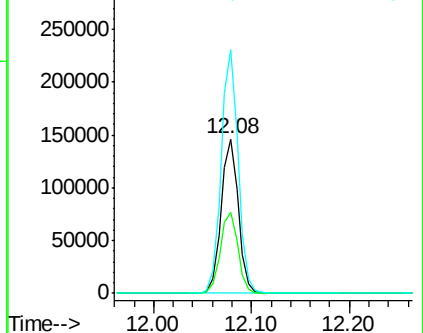
150 156.0 0.0 348.4



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



#76

1,2,3-Trichloropropane

Concen: 23.820 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008124.D

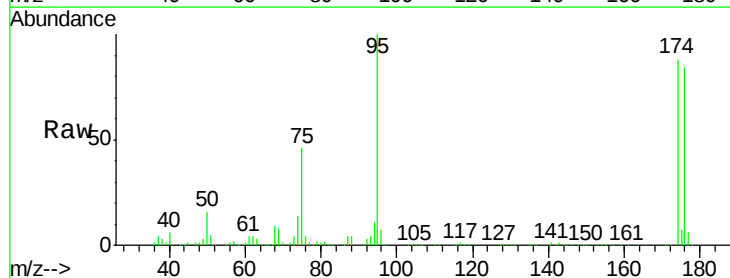
Acq: 15 Mar 2019 23:30

Tgt Ion: 75 Resp: 73220

Ion Ratio Lower Upper

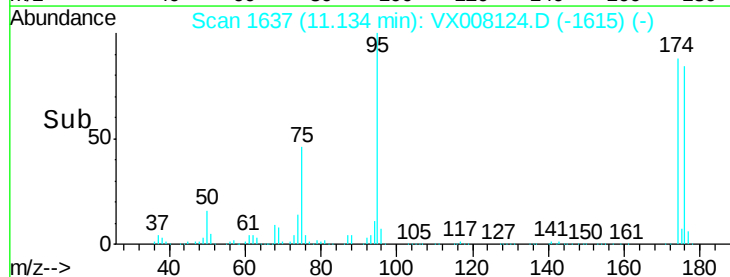
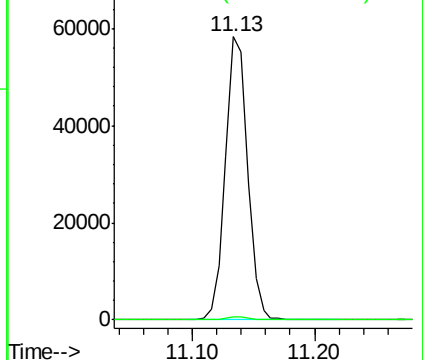
75 100

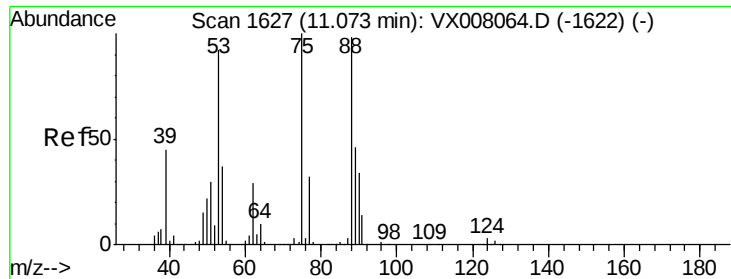
77 1.2 18.9 56.7#



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: 67.782 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008124.D

Acq: 15 Mar 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW09-20190311

Tot Ion: 75 Resp: 73220

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

89 0.0 36.3 54.5#

