

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008125.D
 Acq On : 15 Mar 2019 23:57
 Operator : JC/SP
 Sample : K1856-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW07-20190311

Quant Time: Mar 16 01:11:40 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	246373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	372149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179873	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	124336	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
35) Dibromofluoromethane	5.51	113	121792	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
50) Toluene-d8	8.71	98	448747	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	163345	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	

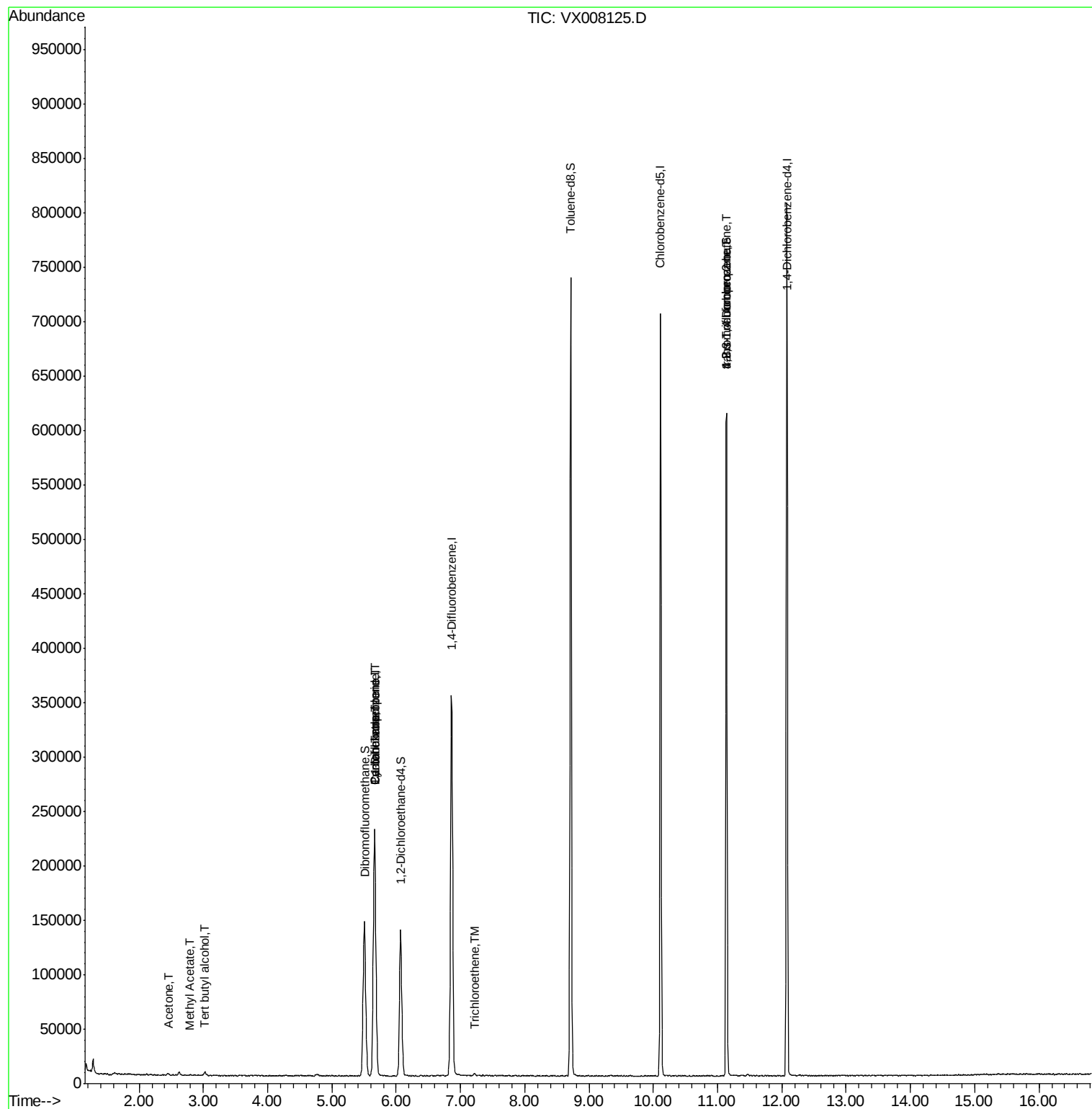
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	261	Below Cal	#	55
6) Chloroethane	1.71	64	356	Below Cal		93
11) Tert butyl alcohol	3.02	59	1745	3.634	ug/l #	73
16) Acetone	2.45	43	1682	1.434	ug/l #	88
18) Methyl Acetate	2.78	43	628	0.248	ug/l	99
31) Cyclohexane	5.66	56	3355	0.944	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13643	4.456	ug/l #	49
38) Carbon Tetrachloride	5.66	117	20242	6.869	ug/l #	17
44) Trichloroethene	7.21	130	878	0.324	ug/l	84
76) 1,2,3-Trichloropropane	11.13	75	73415	23.501	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	73415	66.876	ug/l #	11

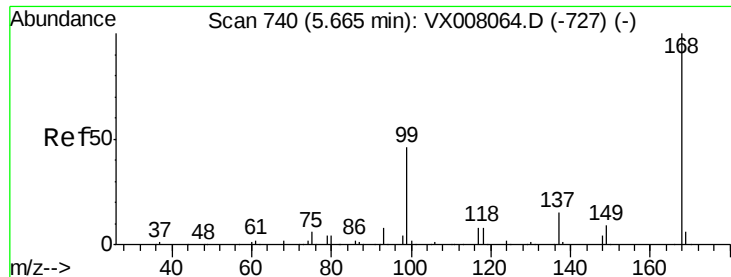
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031519\
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Quant Time: Mar 16 01:11:40 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: VX008125.D

Acq: 15 Mar 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

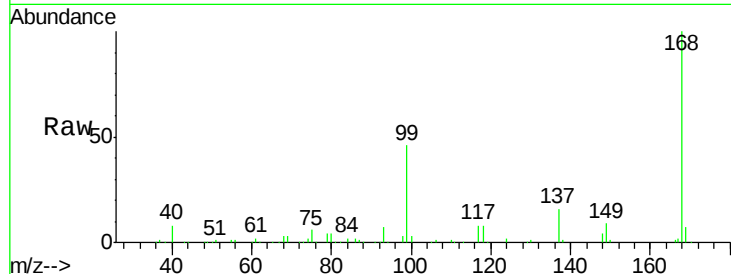
BP-TT-AOC22-MW07-20190311

Tot Ion:168 Resp: 246373

Ion Ratio Lower Upper

168 100

99 46.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

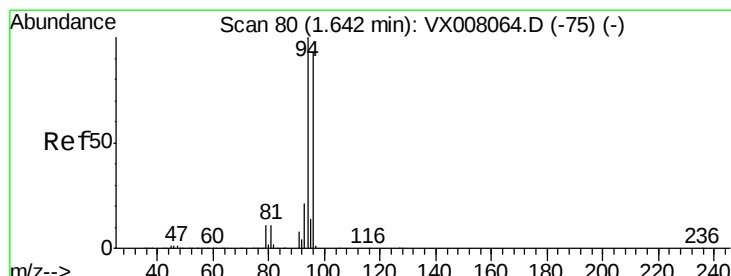
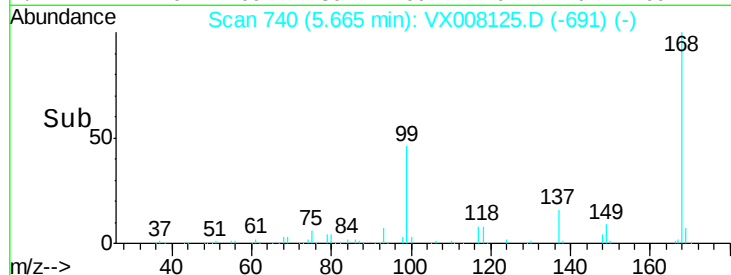
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX008125.D

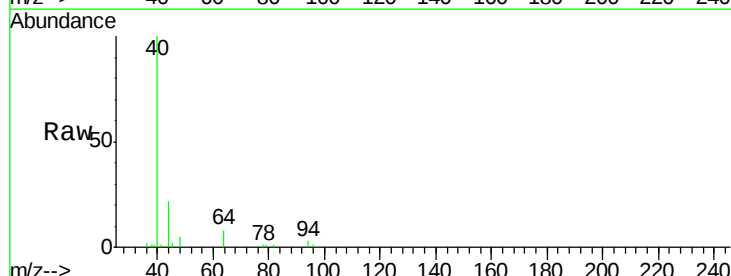
Acq: 15 Mar 2019 23:57

Tgt Ion: 94 Resp: 261

Ion Ratio Lower Upper

94 100

96 50.9 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

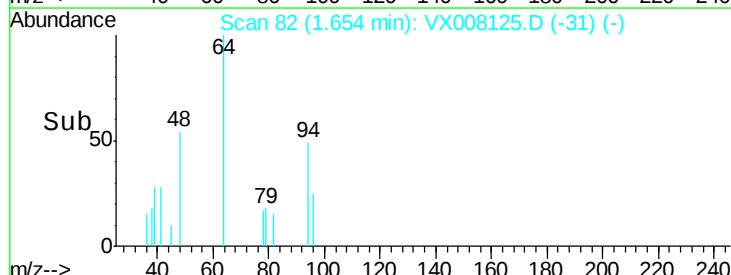
150

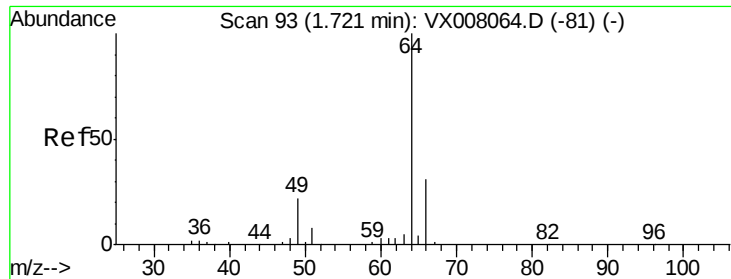
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008125.D

Acq: 15 Mar 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

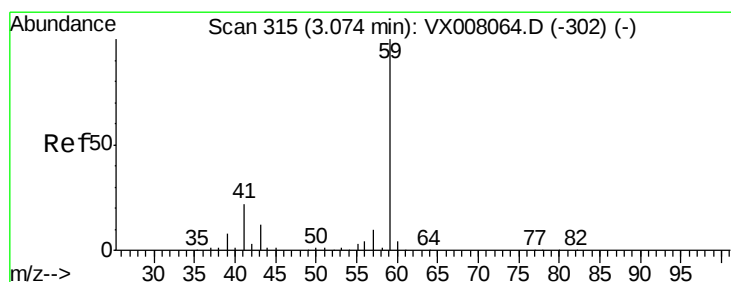
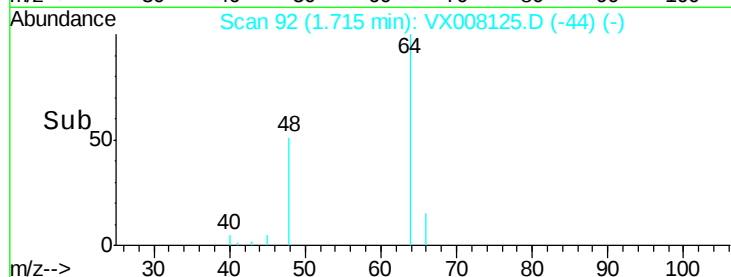
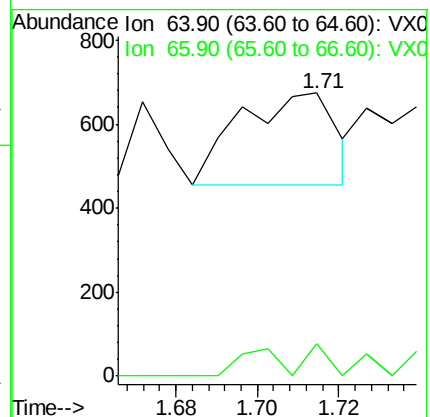
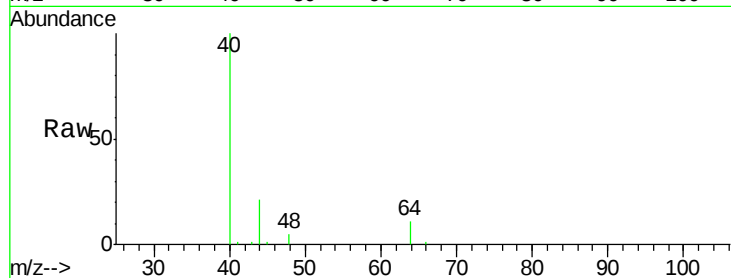
BP-TT-AOC22-MW07-20190311

Tot Ion: 64 Resp: 356

Ion Ratio Lower Upper

64 100

66 35.5 25.2 37.8



#11

Tert butyl alcohol

Concen: 3.634 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.05 min

Lab File: VX008125.D

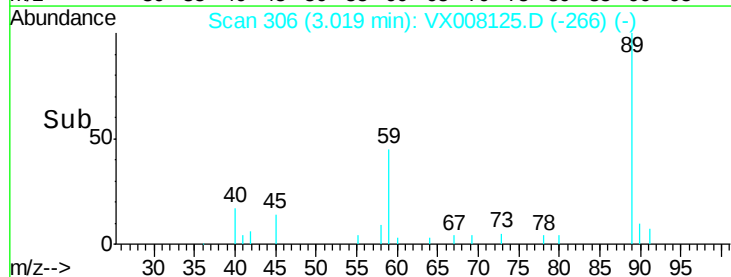
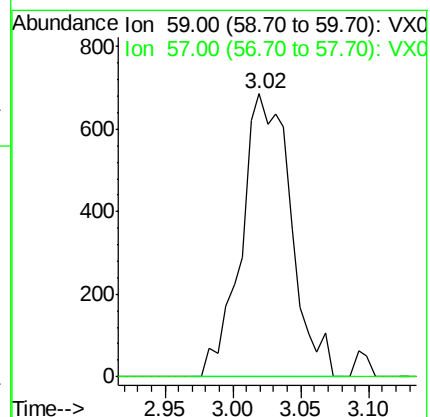
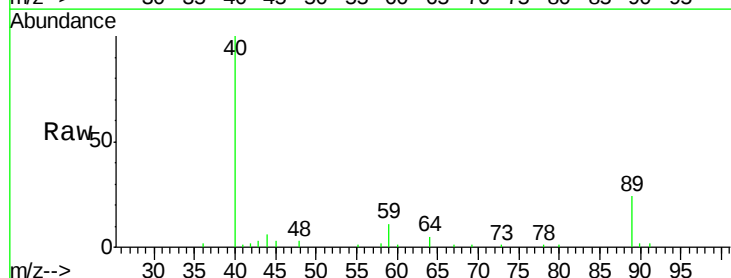
Acq: 15 Mar 2019 23:57

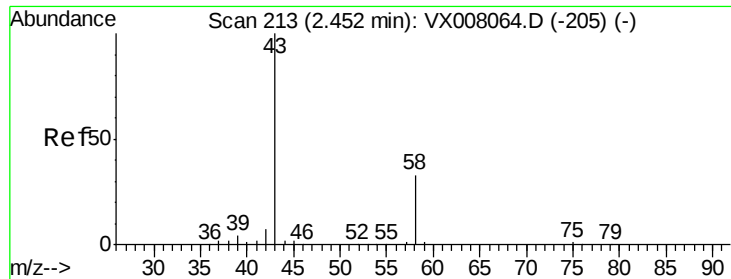
Tgt Ion: 59 Resp: 1745

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#16

Acetone

Concen: 1.434 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008125.D

Acq: 15 Mar 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

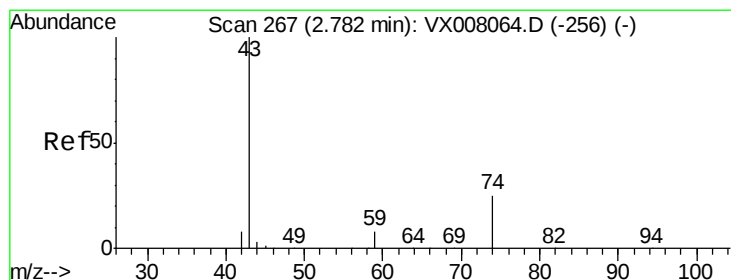
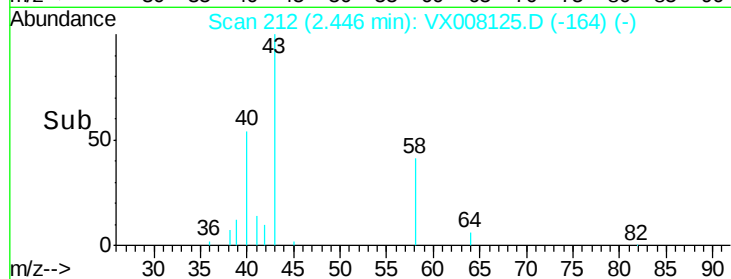
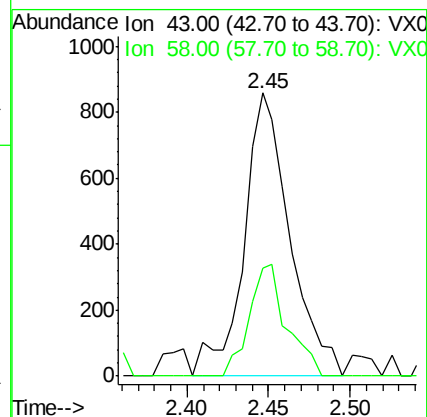
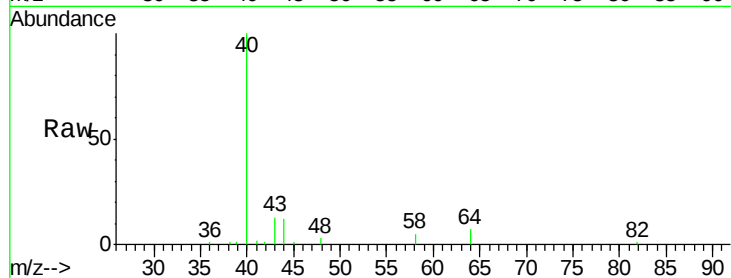
BP-TT-AOC22-MW07-20190311

Tot Ion: 43 Resp: 1682

Ion Ratio Lower Upper

43 100

58 38.3 25.5 38.3#



#18

Methyl Acetate

Concen: 0.248 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX008125.D

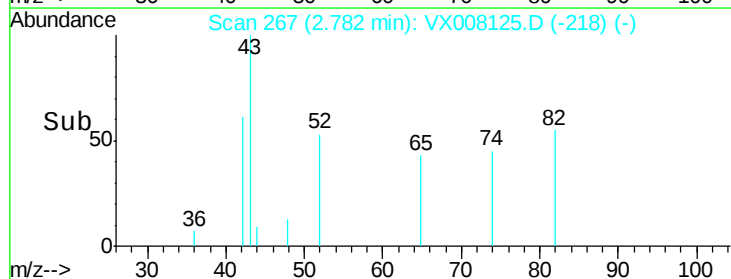
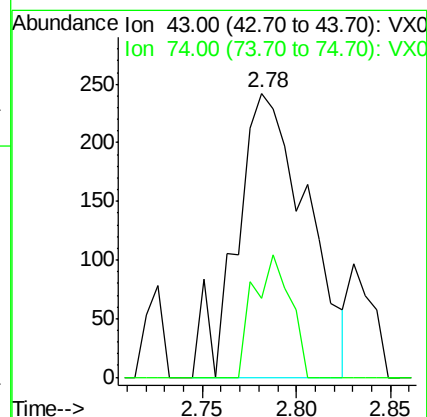
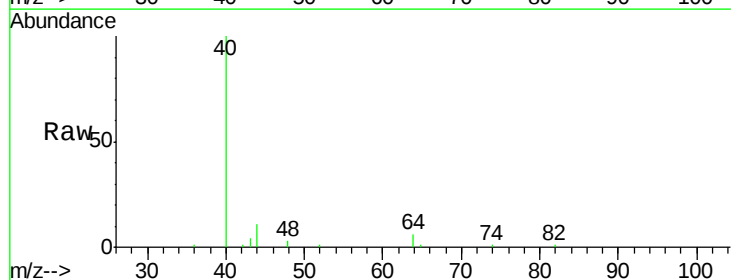
Acq: 15 Mar 2019 23:57

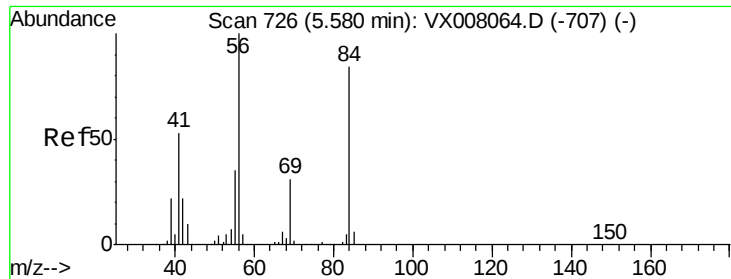
Tgt Ion: 43 Resp: 628

Ion Ratio Lower Upper

43 100

74 22.5 17.8 26.6

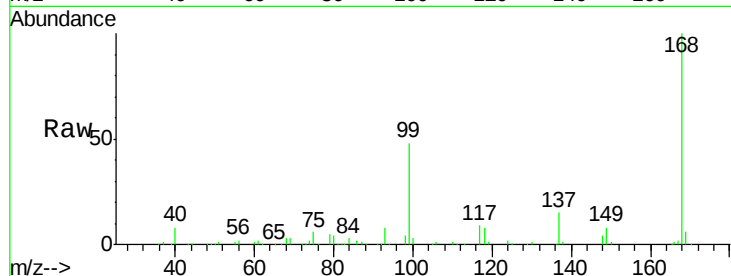




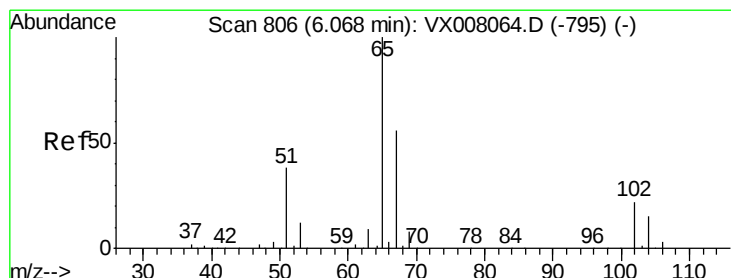
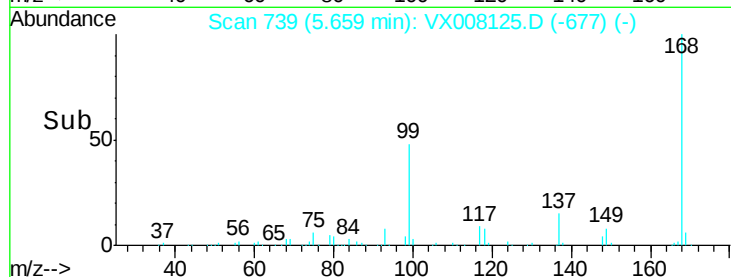
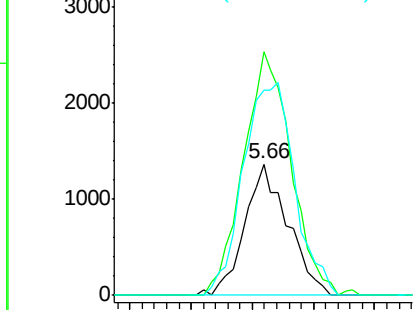
#31
Cyclohexane
Concen: 0.944 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW07-20190311

Tot Ion: 56 Resp: 3355
Ion Ratio Lower Upper
56 100
69 185.2 24.0 36.0#
84 156.2 65.3 97.9#

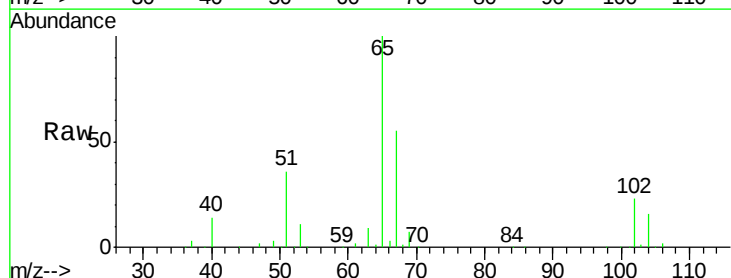


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

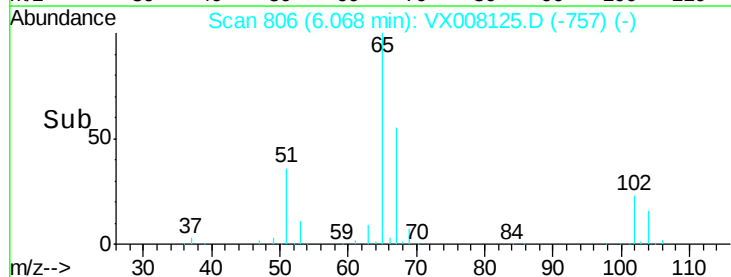
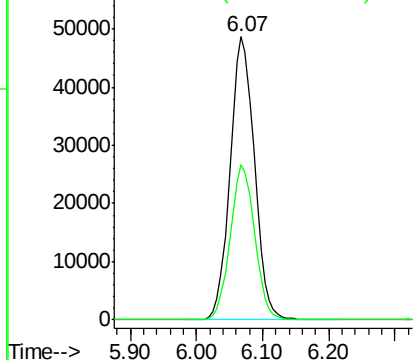


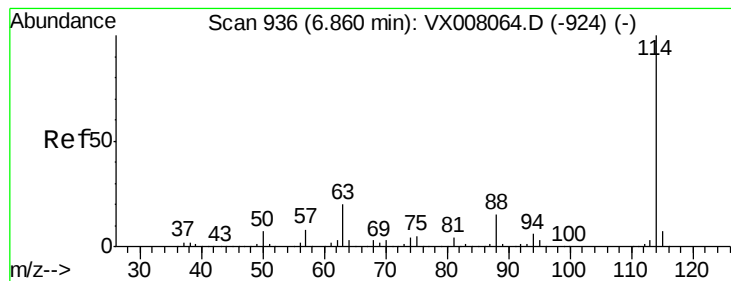
#33
1,2-Dichloroethane-d4
Concen: 50.029 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

Tgt Ion: 65 Resp: 124336
Ion Ratio Lower Upper
65 100
67 54.9 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: VX008125.D

Acq: 15 Mar 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW07-20190311

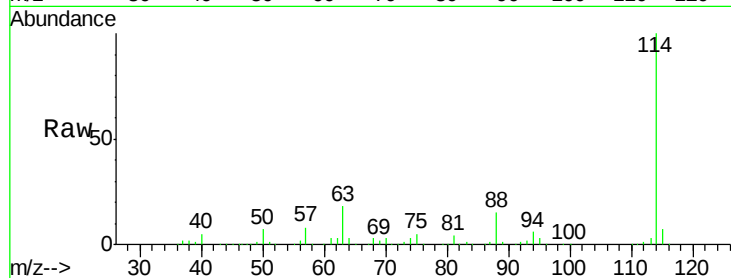
Tot Ion:114 Resp: 372149

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.8

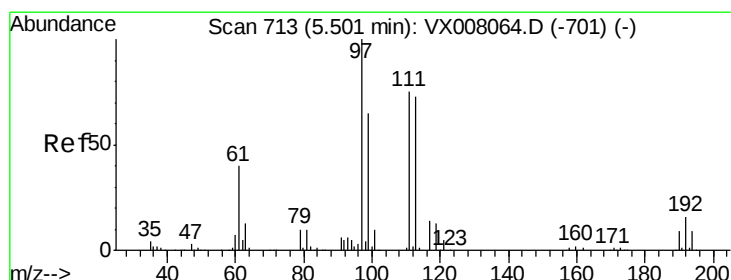
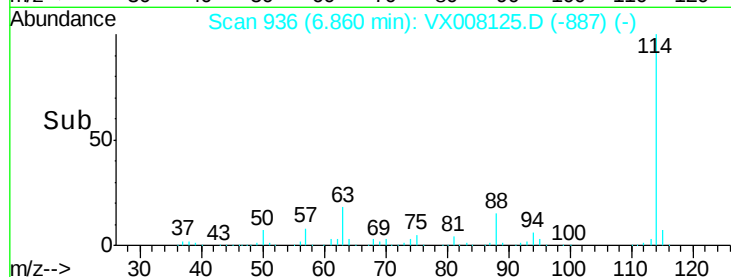
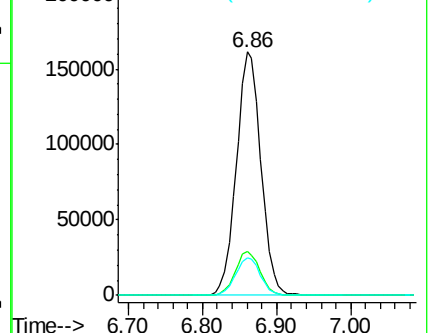
88 15.2 0.0 31.4



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: 51.608 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008125.D

Acq: 15 Mar 2019 23:57

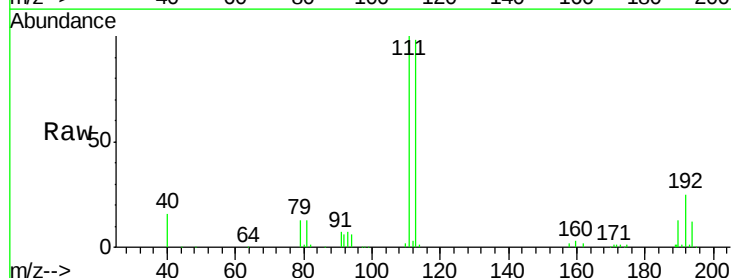
Tgt Ion:113 Resp: 121792

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

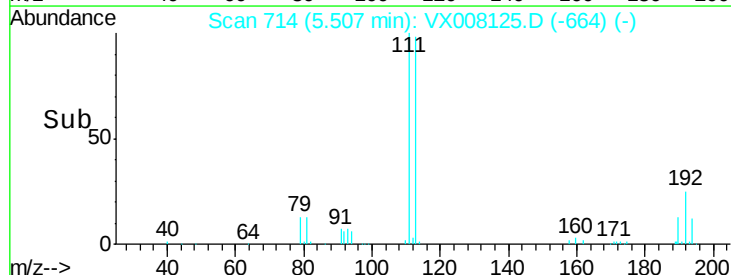
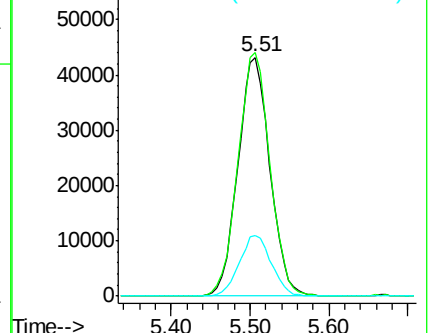
192 25.5 19.4 29.0

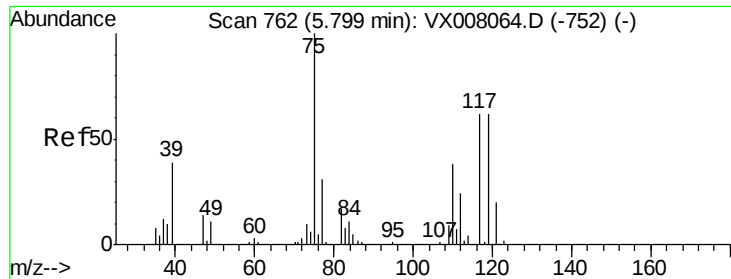


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.456 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008125.D

Acq: 15 Mar 2019 23:57

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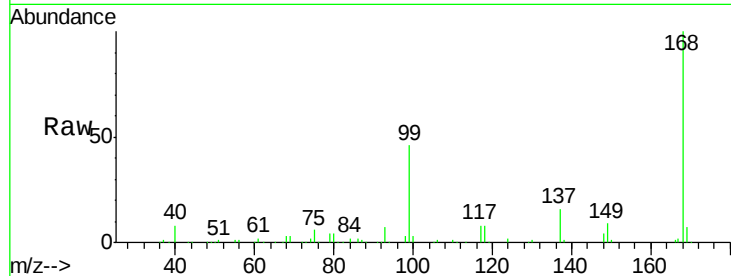
Tot Ion: 75 Resp: 13643

Ion Ratio Lower Upper

75 100

110 8.8 18.4 55.0#

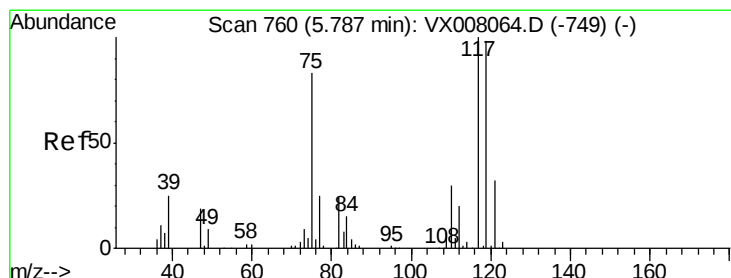
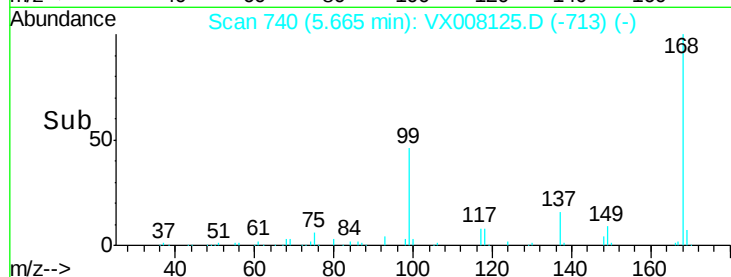
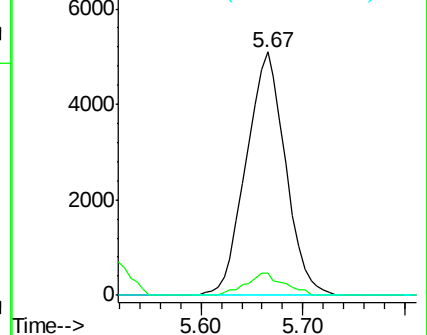
77 0.0 25.0 37.4#



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: 6.869 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008125.D

Acq: 15 Mar 2019 23:57

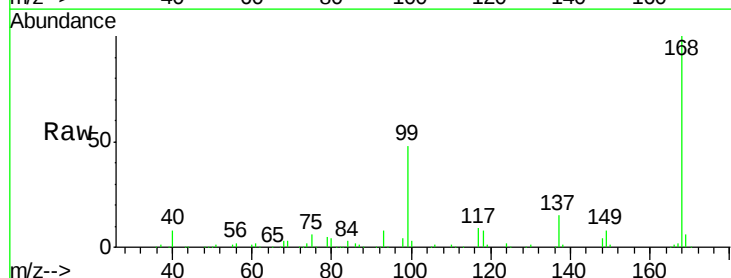
Tgt Ion:117 Resp: 20242

Ion Ratio Lower Upper

117 100

119 6.0 76.2 114.2#

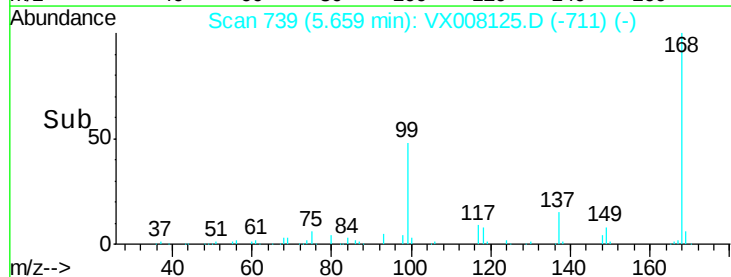
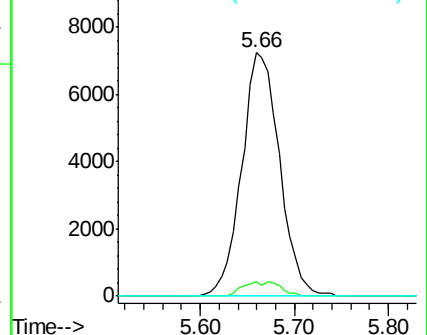
121 0.0 24.6 36.8#

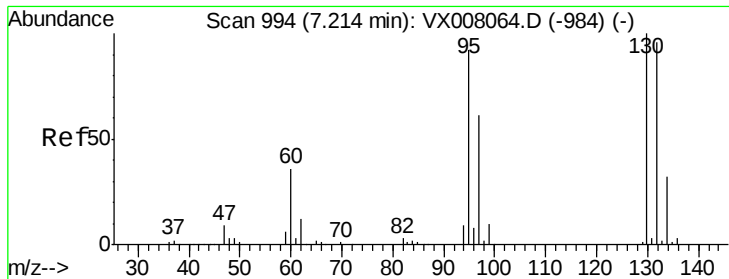


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 0.324 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008125.D

Acq: 15 Mar 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

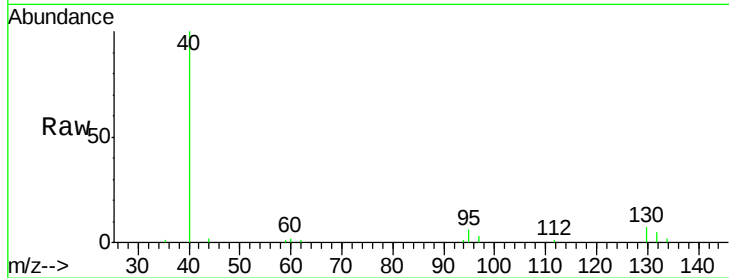
BP-TT-AOC22-MW07-20190311

Tot Ion:130 Resp: 878

Ion Ratio Lower Upper

130 100

95 78.8 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

600

500

400

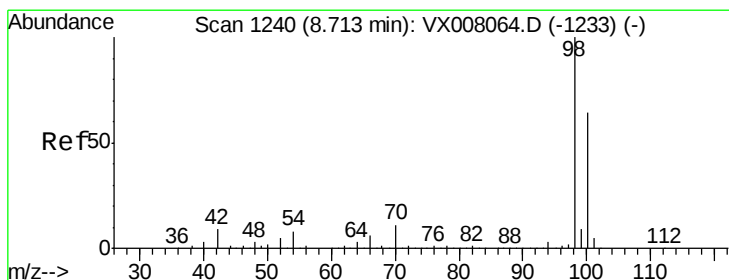
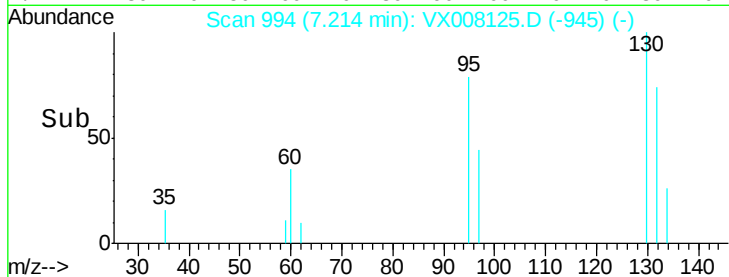
300

200

100

0

Time--> 7.15 7.20 7.25



#50

Toluene-d8

Concen: 49.996 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008125.D

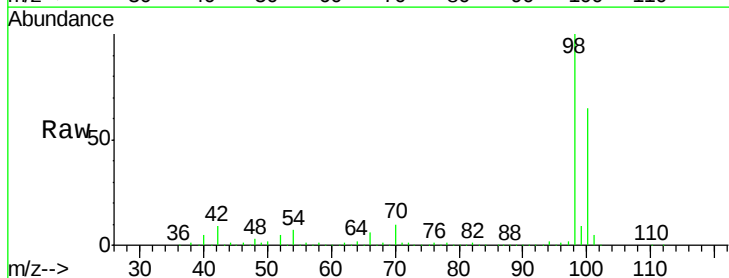
Acq: 15 Mar 2019 23:57

Tgt Ion: 98 Resp: 448747

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

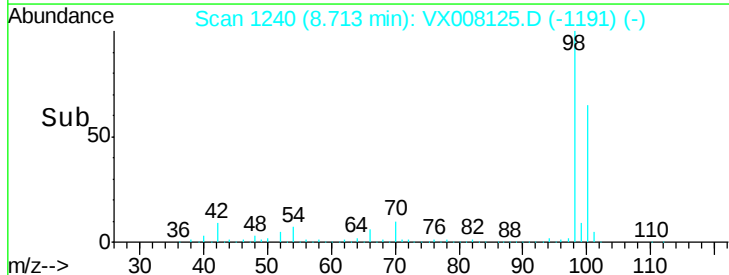
300000

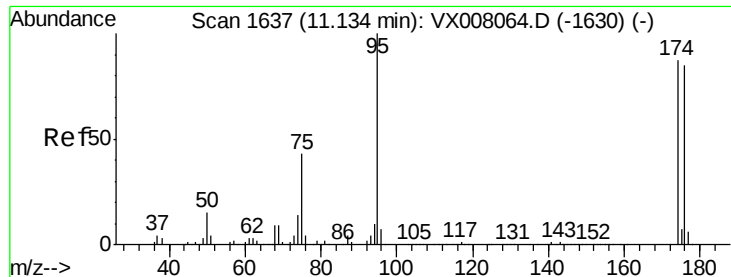
200000

100000

0

Time--> 8.60 8.70 8.80

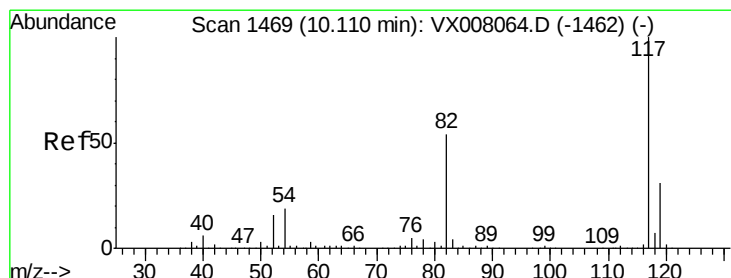
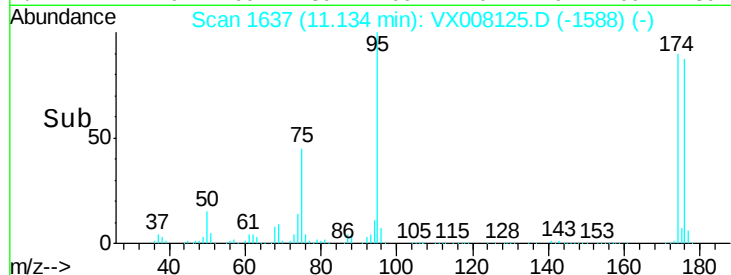
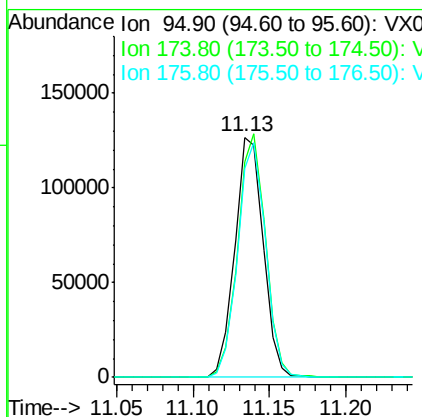
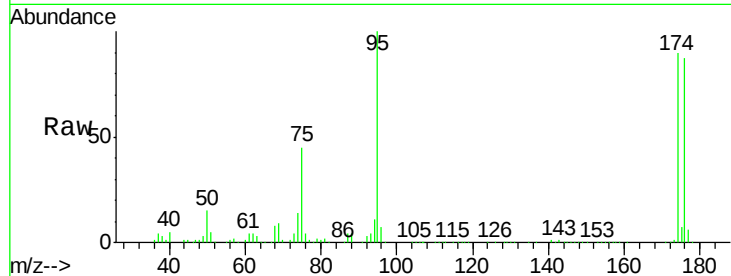




#62
4-Bromofluorobenzene
Concen: 50.801 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

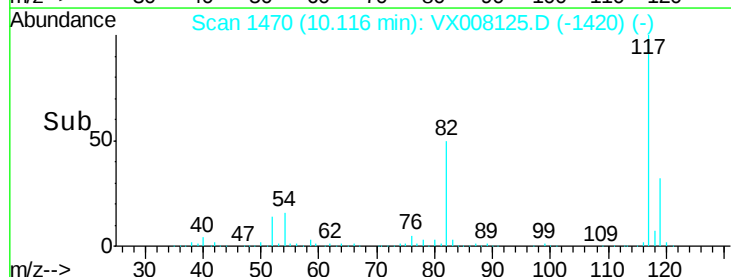
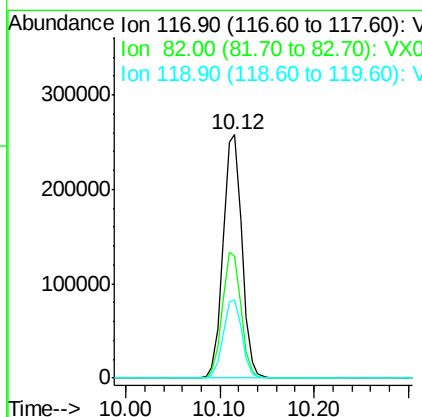
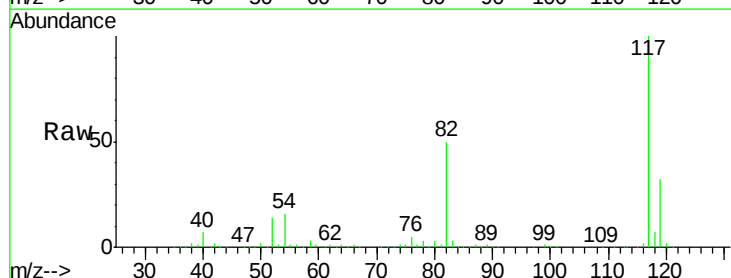
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW07-20190311

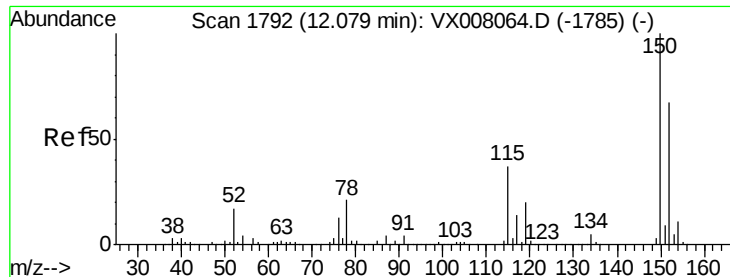
Tot Ion: 95 Resp: 163345
Ion Ratio Lower Upper
95 100
174 99.1 0.0 182.8
176 96.0 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

Tgt Ion: 117 Resp: 356466
Ion Ratio Lower Upper
117 100
82 50.3 44.3 66.5
119 32.5 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: VX008125.D

Acq: 15 Mar 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW07-20190311

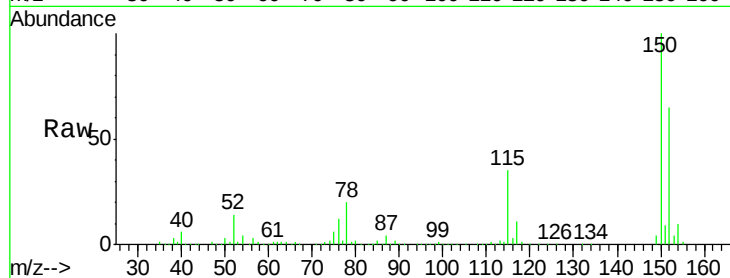
Tot Ion:152 Resp: 179873

Ion Ratio Lower Upper

152 100

115 53.3 38.6 115.7

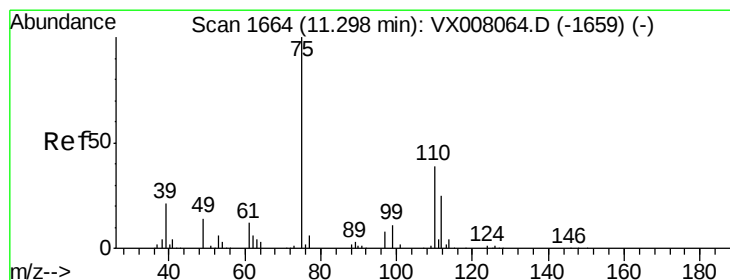
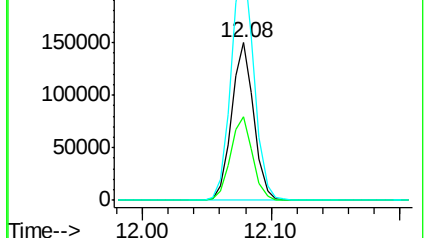
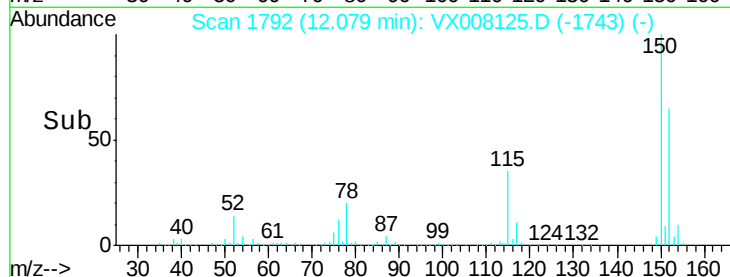
150 154.9 0.0 348.4



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: 23.501 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008125.D

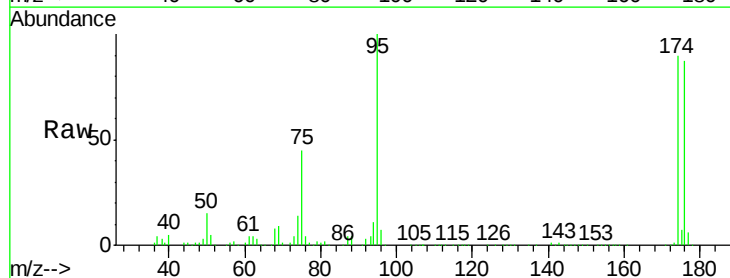
Acq: 15 Mar 2019 23:57

Tgt Ion: 75 Resp: 73415

Ion Ratio Lower Upper

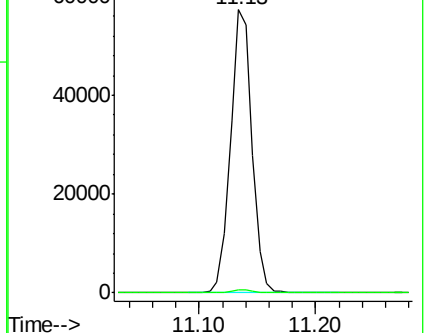
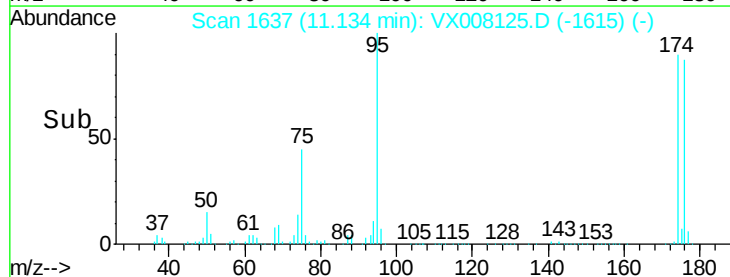
75 100

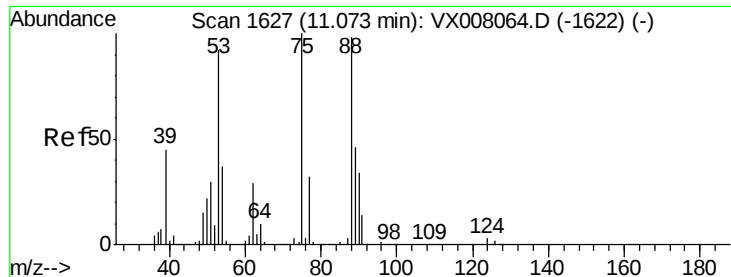
77 1.3 18.9 56.7#



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: 66.876 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008125.D

Acq: 15 Mar 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW07-20190311

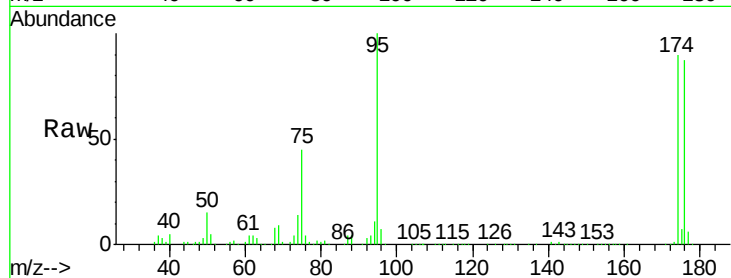
Tot Ion: 75 Resp: 73415

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

89 0.0 36.3 54.5#



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

