

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012995.D
 Acq On : 10 Oct 2019 14:57
 Operator : JC/SP
 Sample : K5290-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0125R

Quant Time: Oct 11 07:18:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

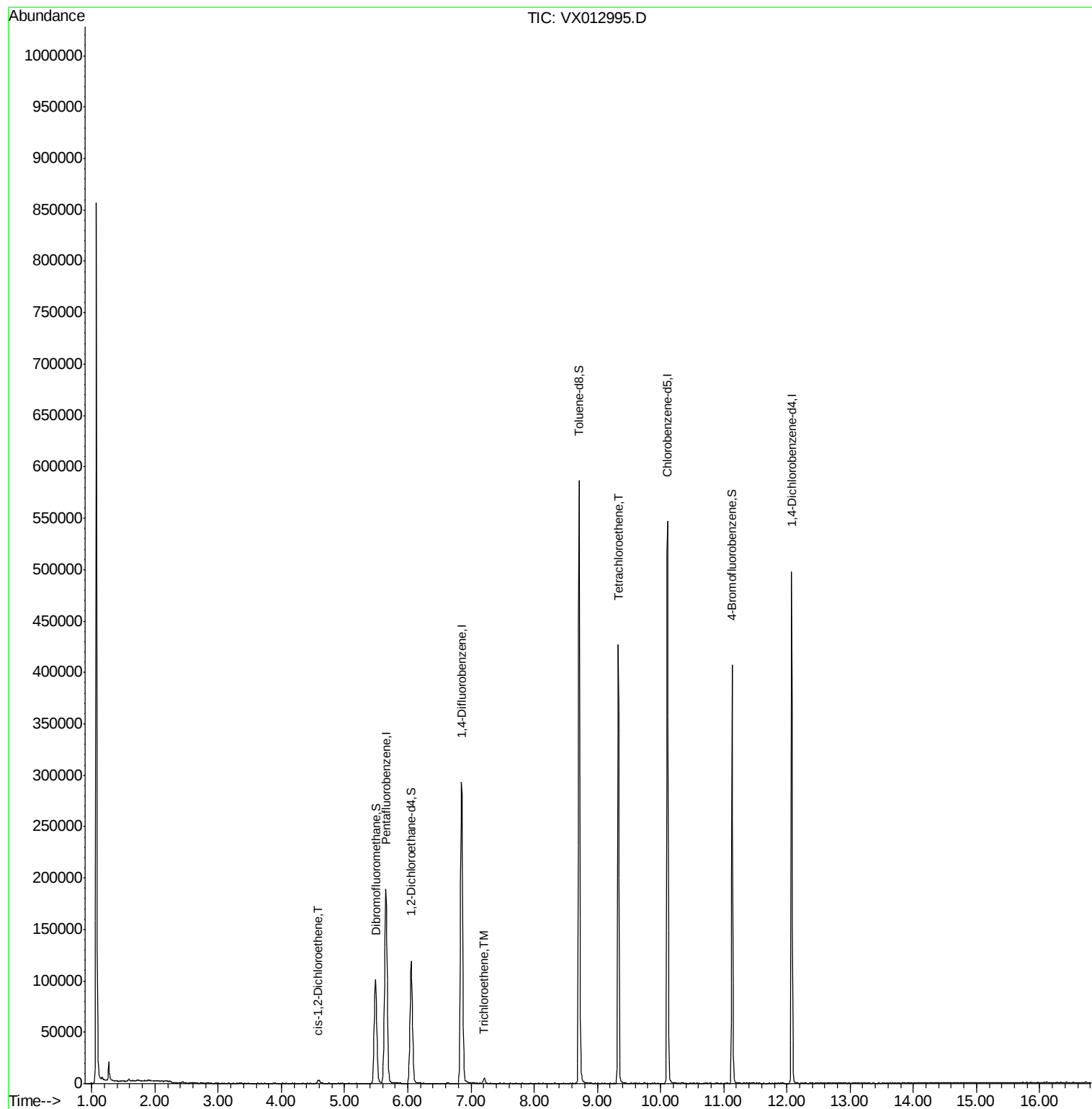
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	177579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	114163	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	5.49	113	89254	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
50) Toluene-d8	8.71	98	350327	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	11.14	95	115527	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.58	96	1957	0.883	ug/l	94
44) Trichloroethene	7.20	130	2108	0.996	ug/l	77
64) Tetrachloroethene	9.33	164	80144	45.670	ug/l	96

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

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QLast Update : Wed Oct 09 01:51:23 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012995.D

Acq: 10 Oct 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

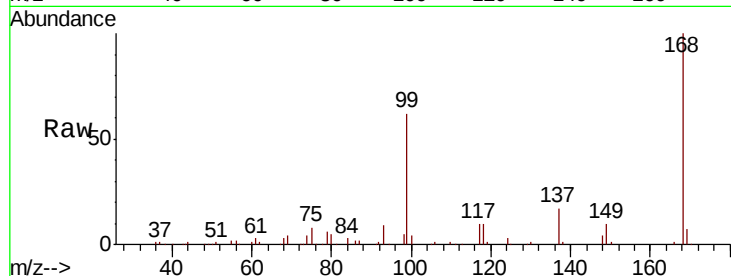
FA19-MMW0125R

Tot Ion:168 Resp: 177579

Ion Ratio Lower Upper

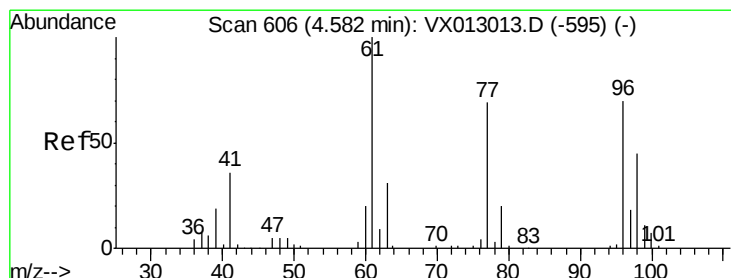
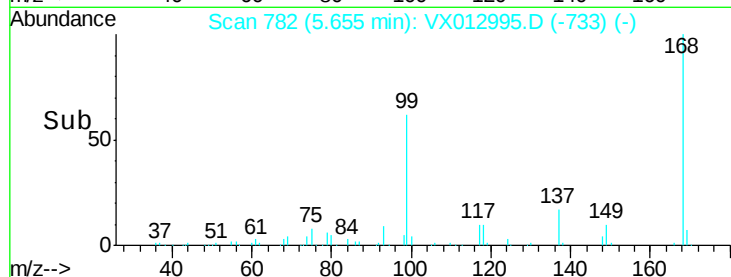
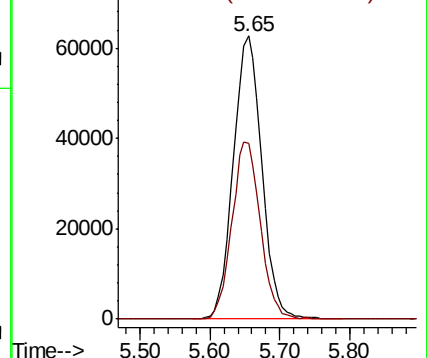
168 100

99 62.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.883 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX012995.D

Acq: 10 Oct 2019 14:57

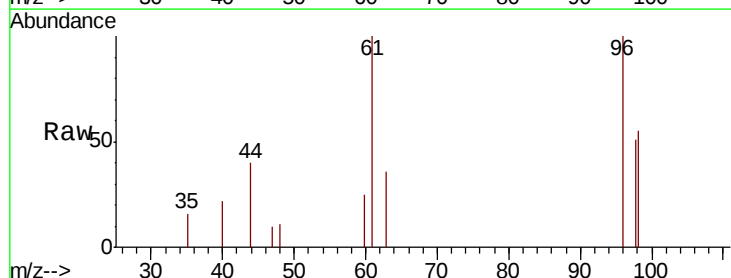
Tgt Ion: 96 Resp: 1957

Ion Ratio Lower Upper

96 100

61 139.3 0.0 290.6

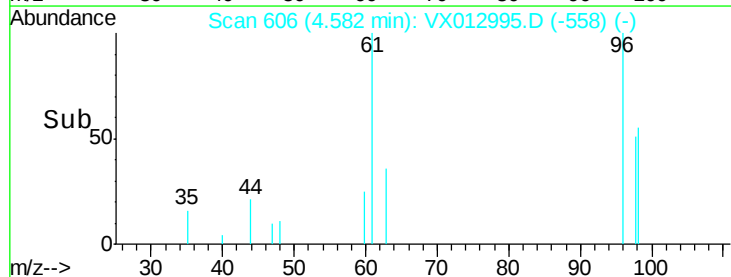
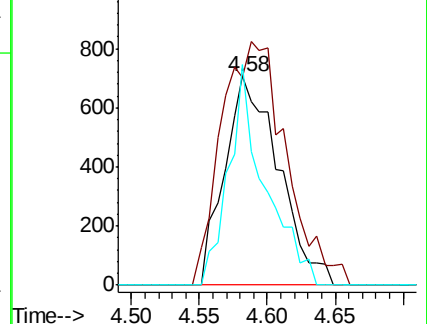
98 70.6 0.0 128.8

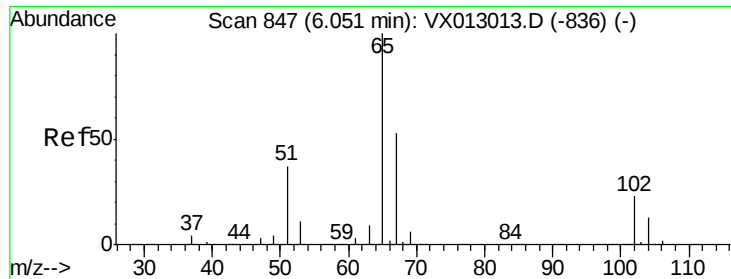


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.436 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012995.D

Acq: 10 Oct 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

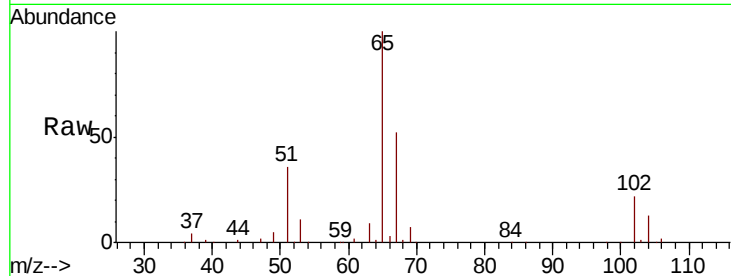
FA19-MMW0125R

Tot Ion: 65 Resp: 114163

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

30000

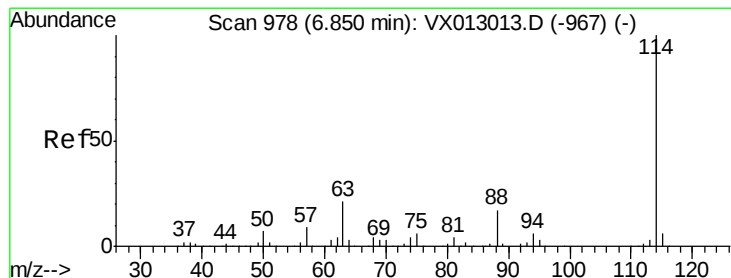
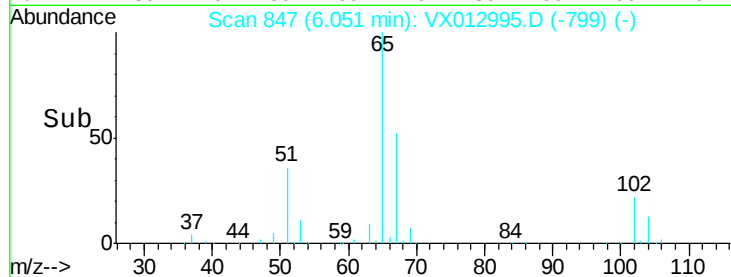
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012995.D

Acq: 10 Oct 2019 14:57

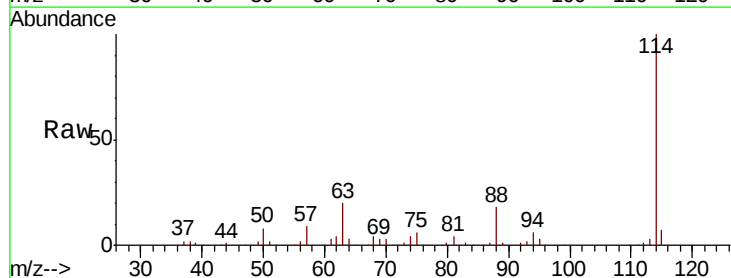
Tgt Ion: 114 Resp: 294053

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 17.6 0.0 33.8



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

6.85

150000

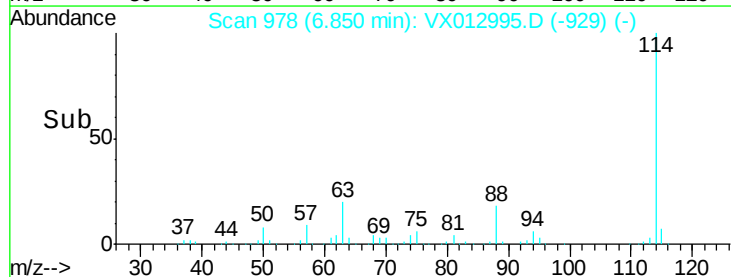
100000

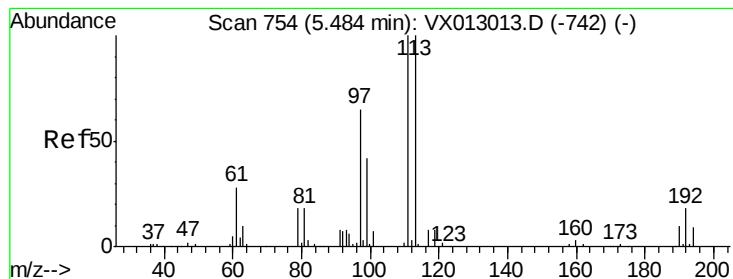
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 52.885 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012995.D

Acq: 10 Oct 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0125R

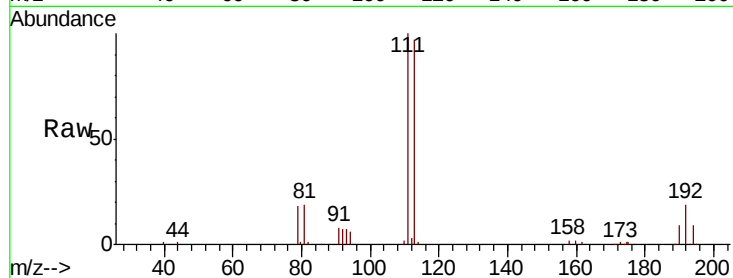
Tot Ion:113 Resp: 89254

Ion Ratio Lower Upper

113 100

111 101.0 83.2 124.8

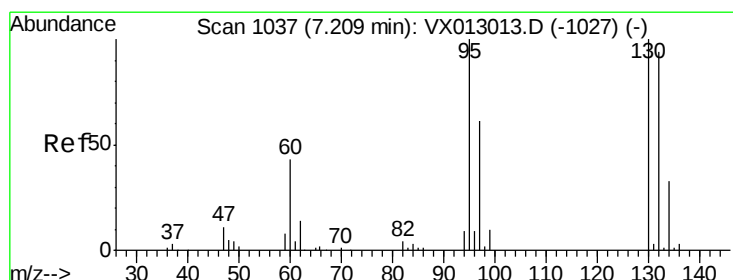
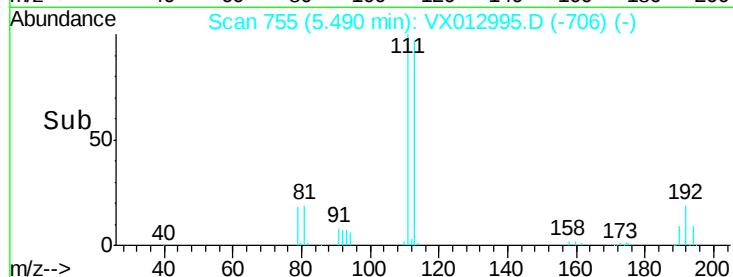
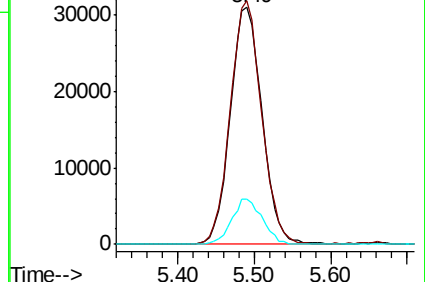
192 18.4 15.4 23.2



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: 0.996 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012995.D

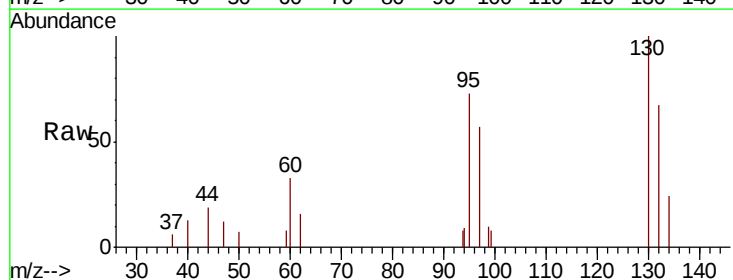
Acq: 10 Oct 2019 14:57

Tgt Ion:130 Resp: 2108

Ion Ratio Lower Upper

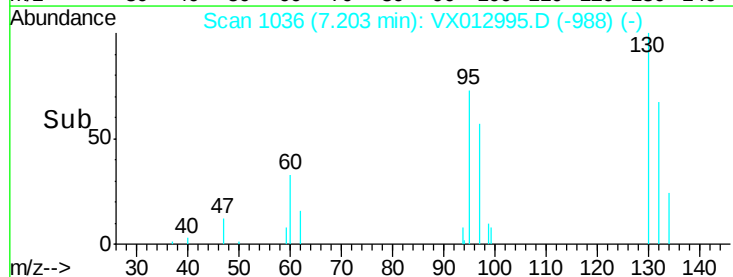
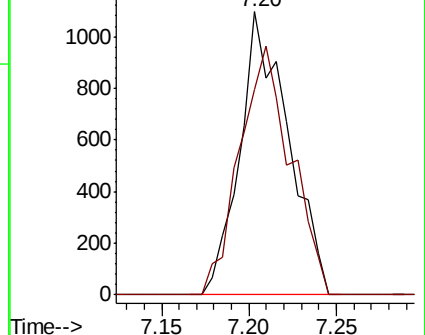
130 100

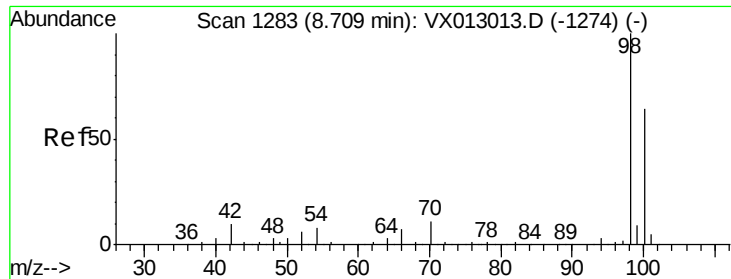
95 72.7 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 53.221 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012995.D

Acq: 10 Oct 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

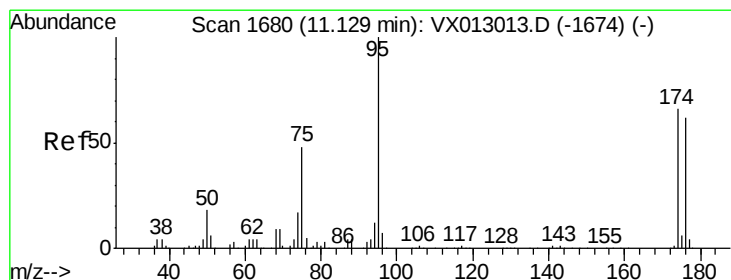
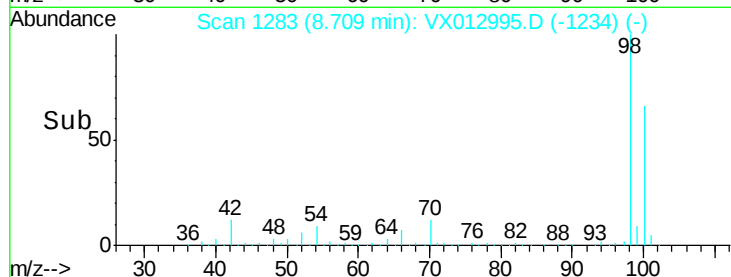
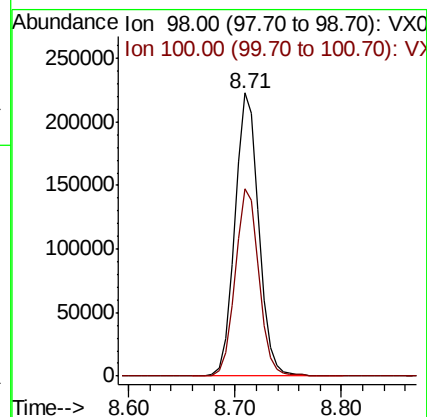
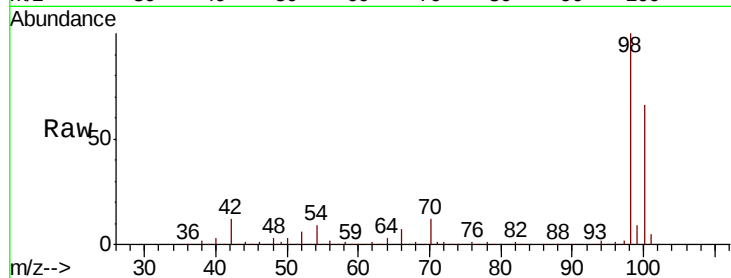
FA19-MMW0125R

Tot Ion: 98 Resp: 350327

Ion Ratio Lower Upper

98 100

100 65.9 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 45.169 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012995.D

Acq: 10 Oct 2019 14:57

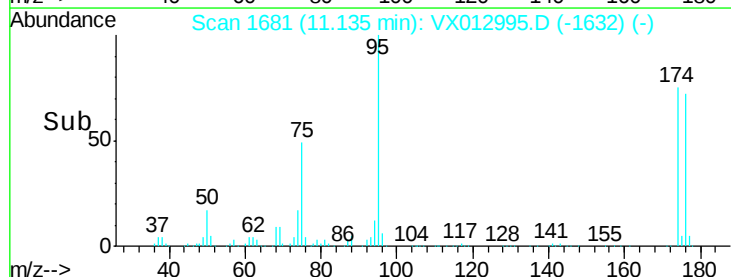
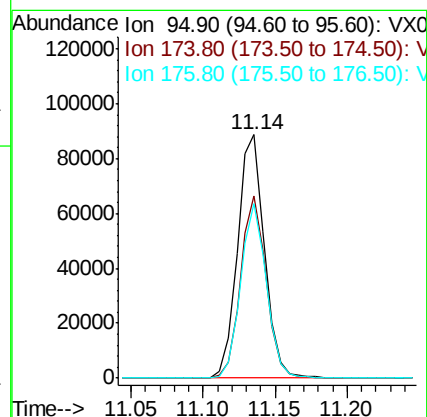
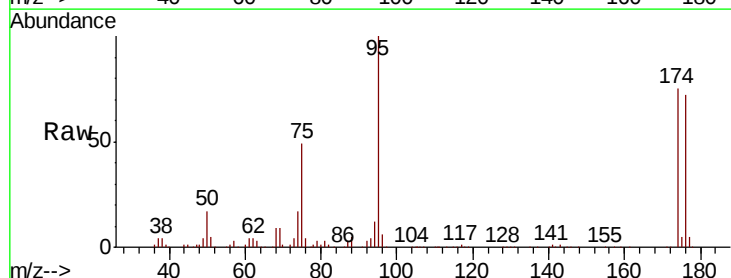
Tgt Ion: 95 Resp: 115527

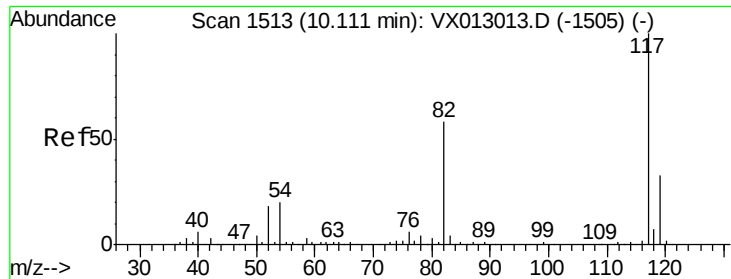
Ion Ratio Lower Upper

95 100

174 71.3 0.0 143.4

176 68.9 0.0 136.0

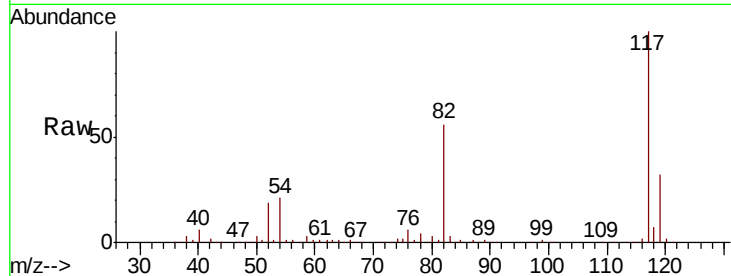




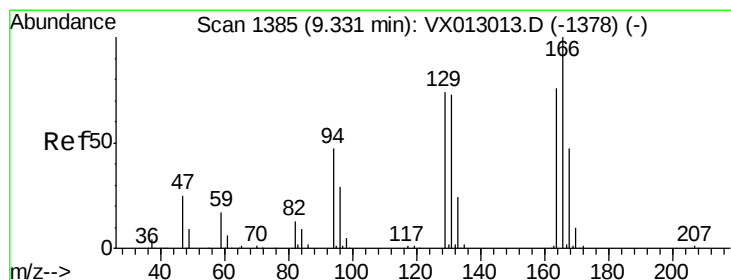
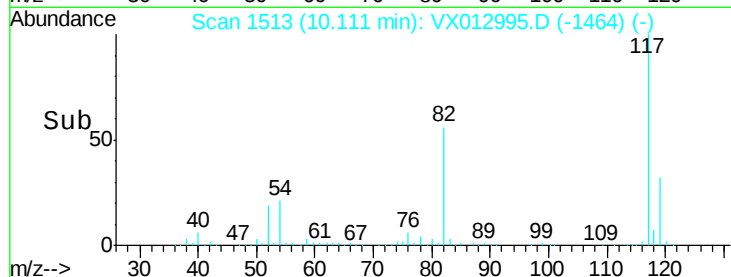
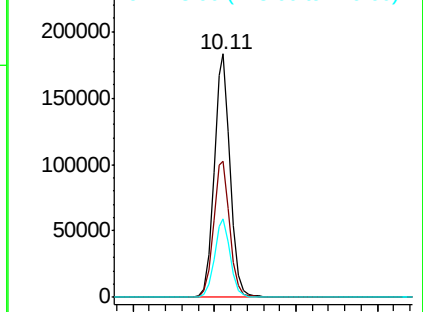
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012995.D
Acq: 10 Oct 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0125R

Tot Ion:117 Resp: 253007
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 32.4 25.8 38.8



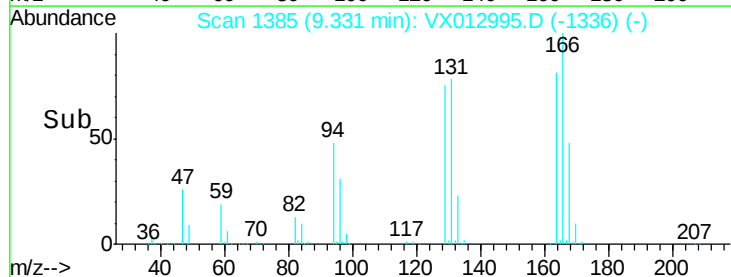
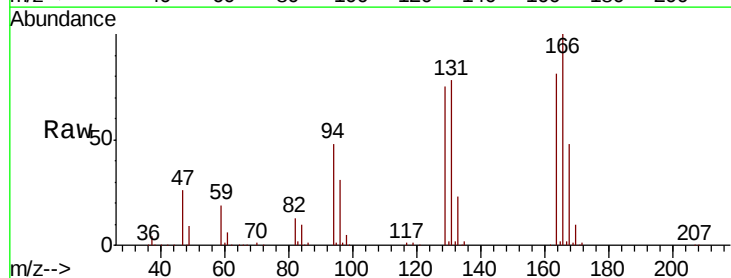
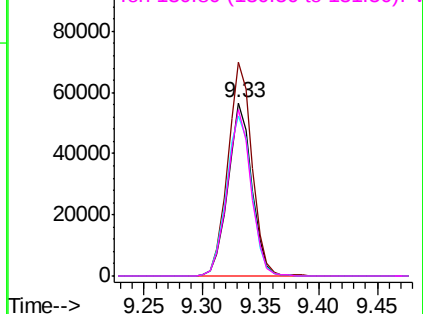
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

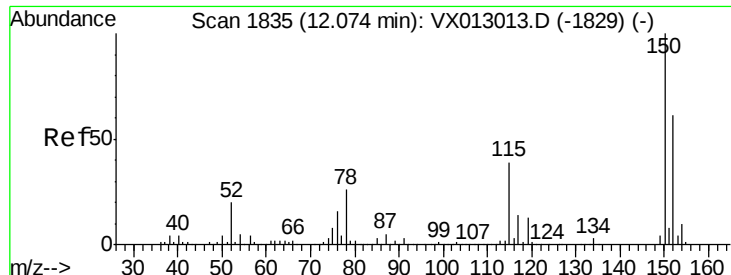


#64
Tetrachloroethene
Concen: 45.670 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012995.D
Acq: 10 Oct 2019 14:57

Tgt Ion:164 Resp: 80144
Ion Ratio Lower Upper
164 100
166 123.3 96.9 145.3
129 92.2 77.9 116.9
131 95.8 72.7 109.1

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

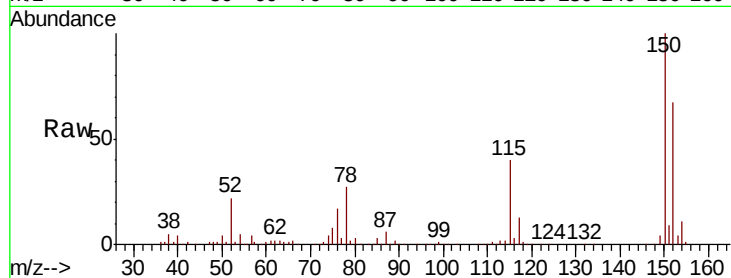




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012995.D
 Acq: 10 Oct 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0125R

Tot Ion:152 Resp: 97953
 Ion Ratio Lower Upper
 152 100
 115 61.8 44.5 133.5
 150 151.3 0.0 353.4



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

