

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013633.D
 Acq On : 27 Nov 2019 05:25
 Operator : JC/SP
 Sample : K6002-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Quant Time: Nov 27 06:47:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

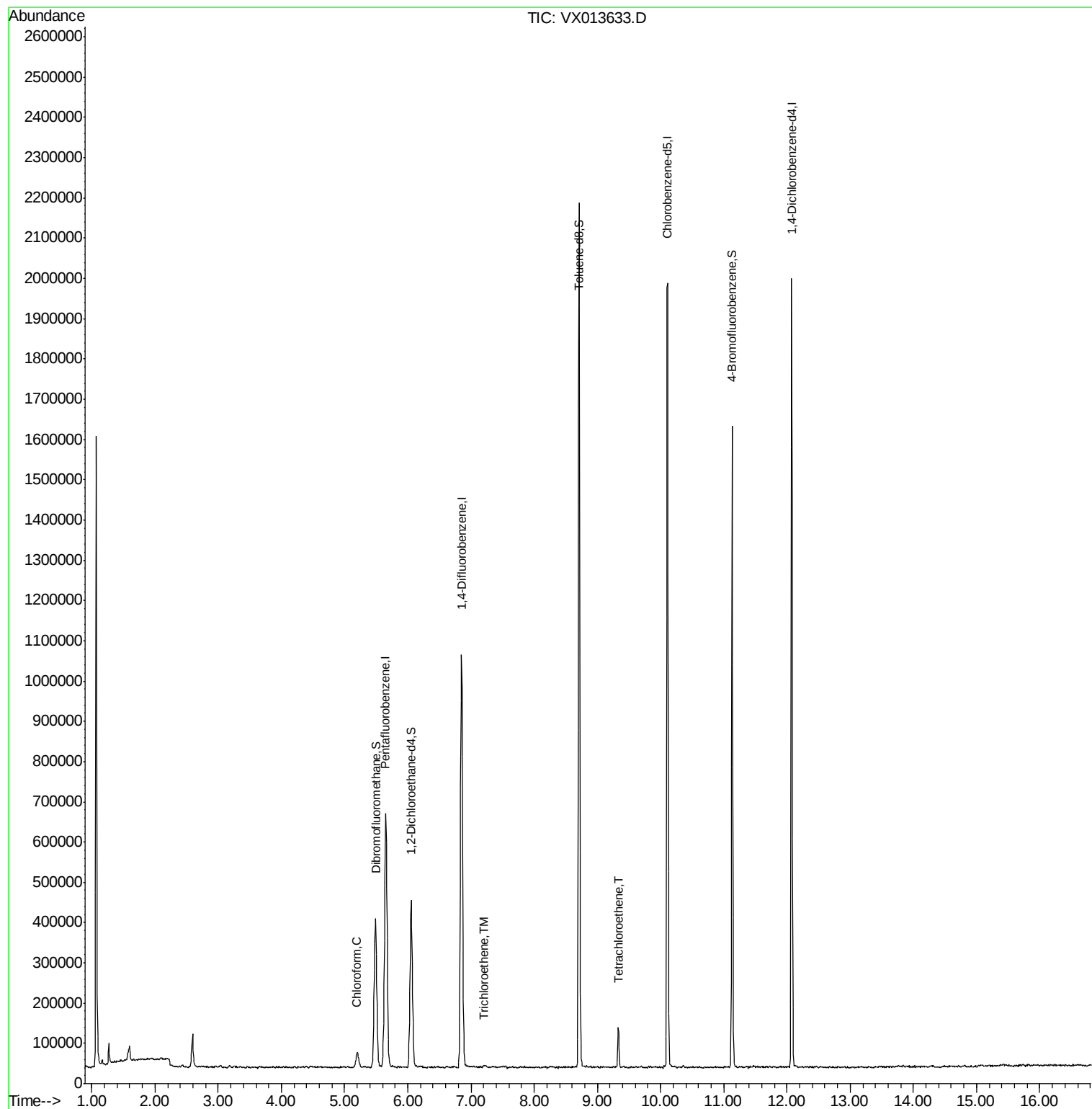
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	663474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1051525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	927412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	408621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	381252	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
35) Dibromofluoromethane	5.49	113	318996	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	1249116	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.14	95	413010	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
Target Compounds						
30) Chloroform	5.20	83	46491	3.801	ug/l	97
44) Trichloroethene	7.20	130	2117	0.265	ug/l	75
64) Tetrachloroethene	9.33	164	20170	2.916	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013633.D

Acq: 27 Nov 2019 05:25

Instrument :

MSVOA_X

ClientSampleId :

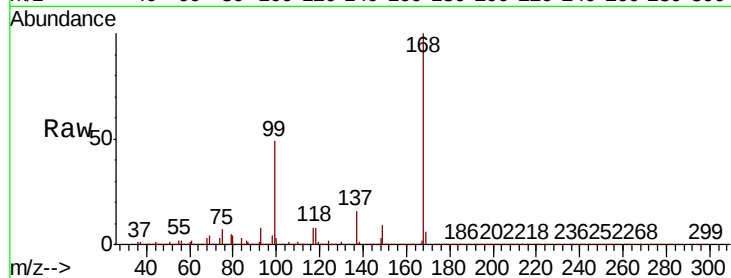
MW-17

Tot Ion:168 Resp: 663474

Ion Ratio Lower Upper

168 100

99 49.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

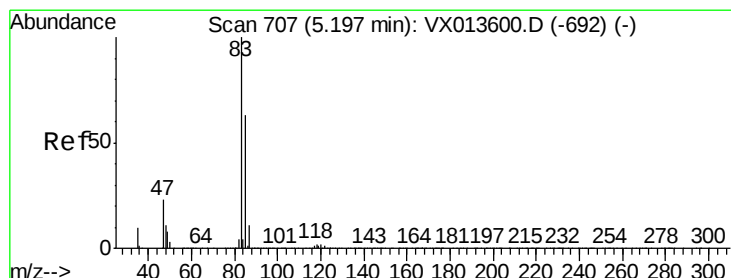
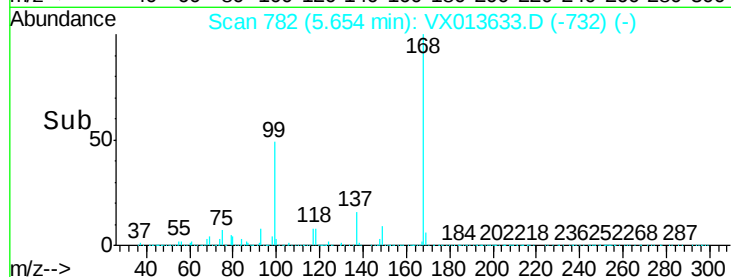
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 3.801 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013633.D

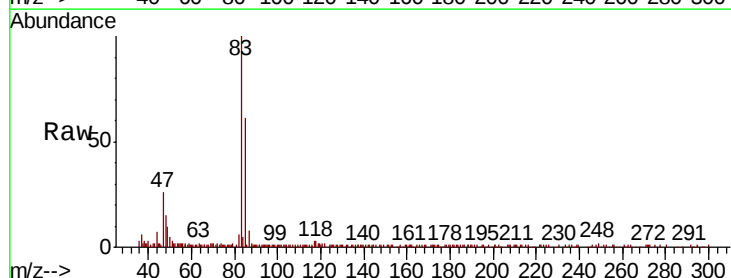
Acq: 27 Nov 2019 05:25

Tgt Ion: 83 Resp: 46491

Ion Ratio Lower Upper

83 100

85 60.6 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.20

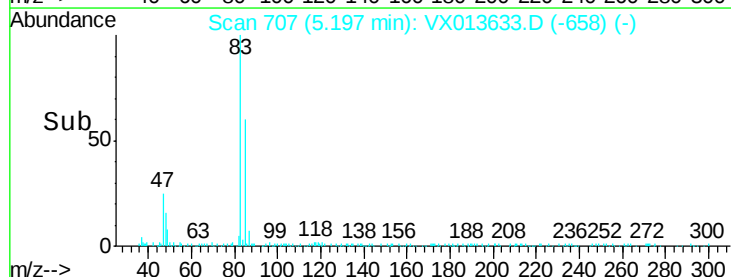
15000

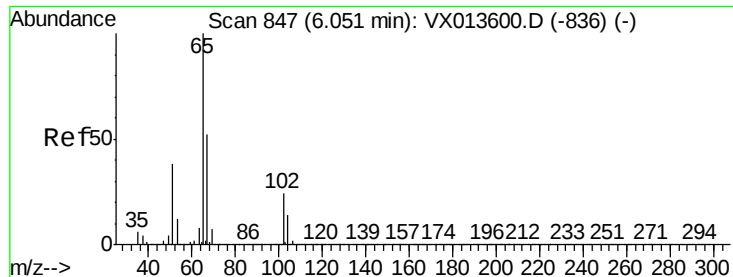
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.504 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013633.D

Acq: 27 Nov 2019 05:25

Instrument :

MSVOA_X

ClientSampleId :

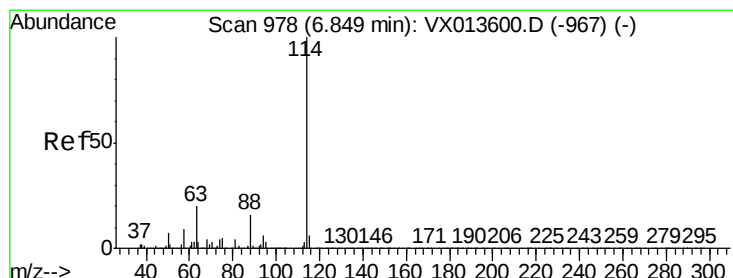
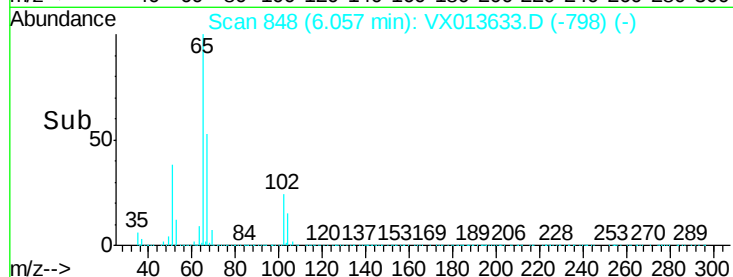
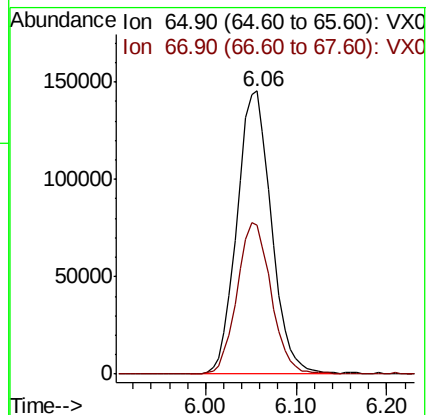
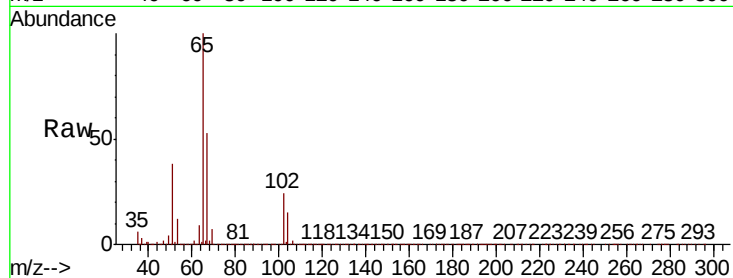
MW-17

Tot Ion: 65 Resp: 381252

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013633.D

Acq: 27 Nov 2019 05:25

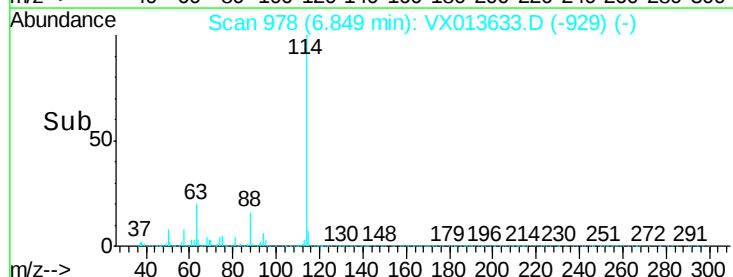
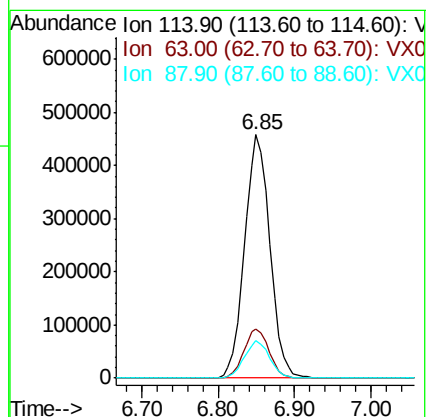
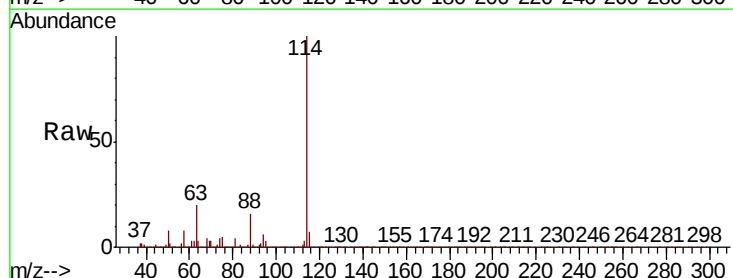
Tgt Ion: 114 Resp: 1051525

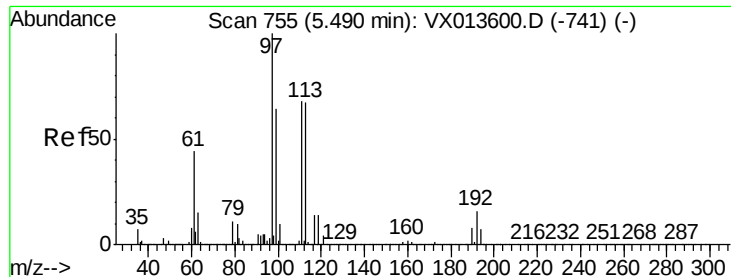
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.071 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013633.D

Acq: 27 Nov 2019 05:25

Instrument :

MSVOA_X

ClientSampled :

MW-17

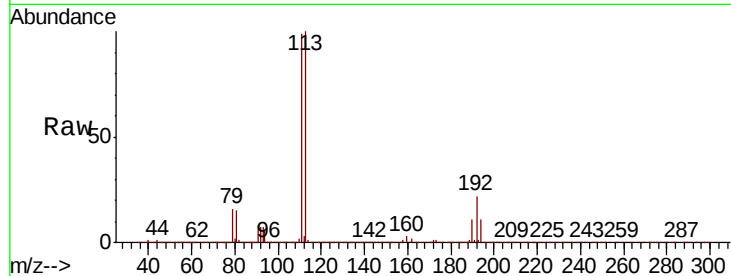
Tot Ion:113 Resp: 318996

Ion Ratio Lower Upper

113 100

111 101.9 83.6 125.4

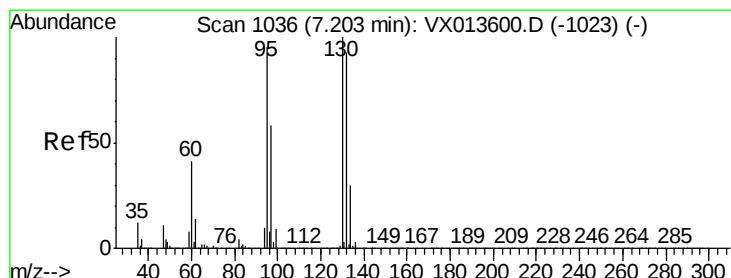
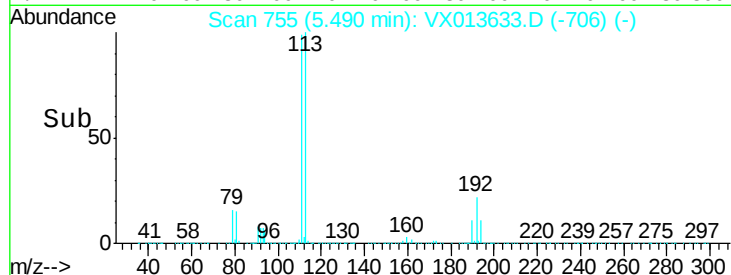
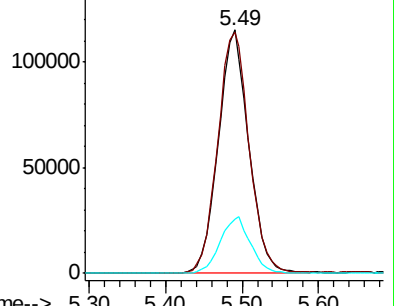
192 23.4 19.2 28.8



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: 0.265 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013633.D

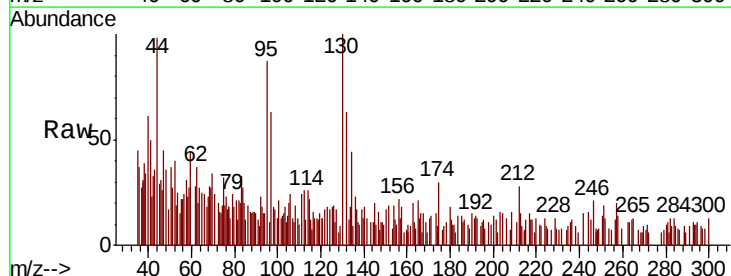
Acq: 27 Nov 2019 05:25

Tgt Ion:130 Resp: 2117

Ion Ratio Lower Upper

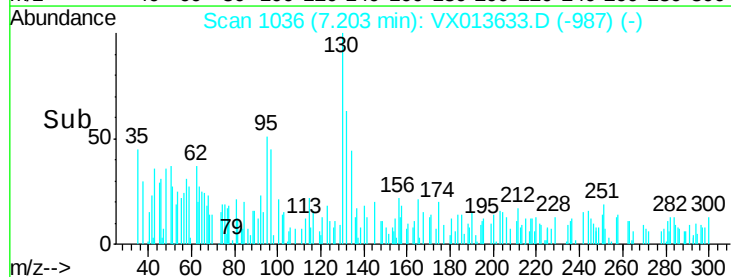
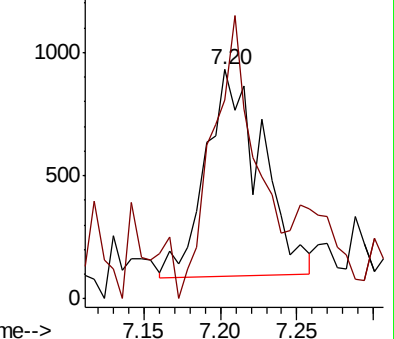
130 100

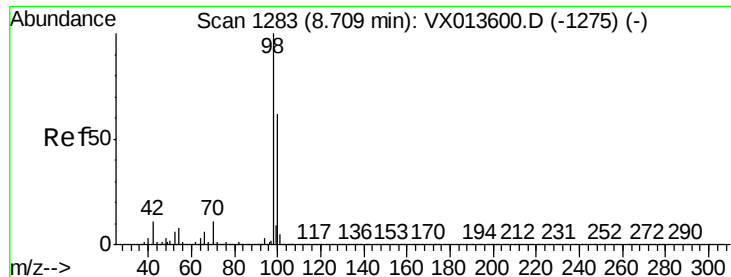
95 71.5 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.319 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013633.D

Acq: 27 Nov 2019 05:25

Instrument :

MSVOA_X

ClientSampleId :

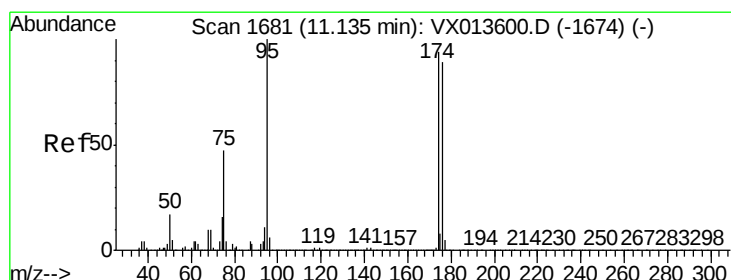
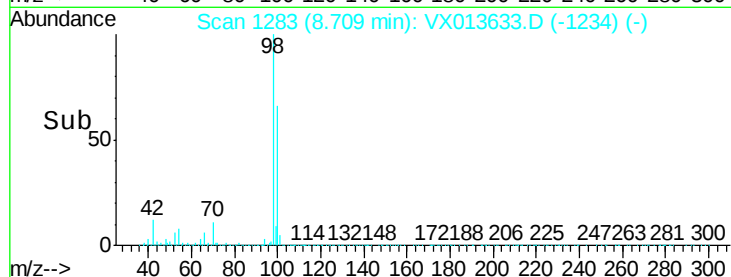
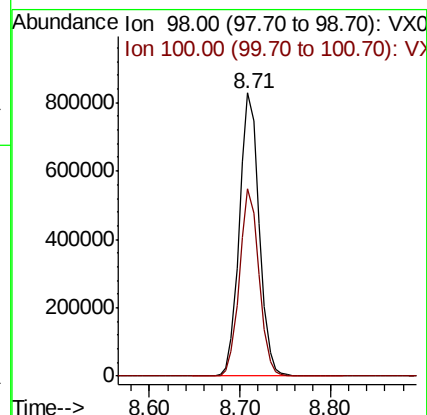
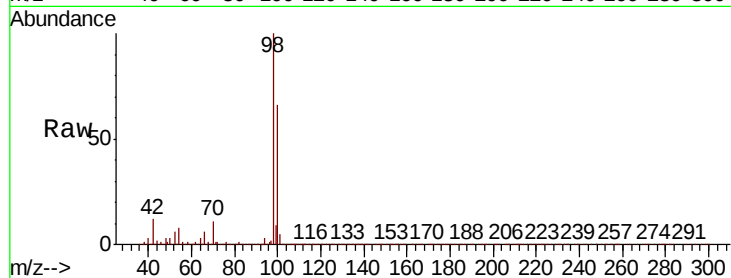
MW-17

Tot Ion: 98 Resp: 1249116

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.221 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013633.D

Acq: 27 Nov 2019 05:25

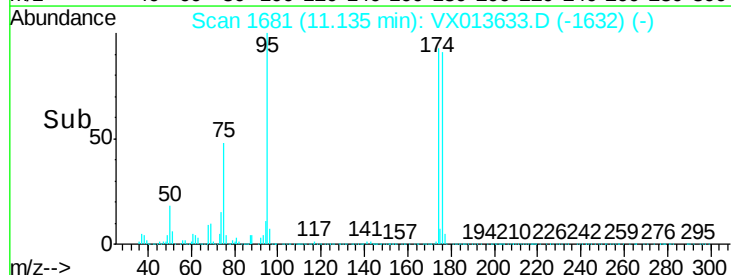
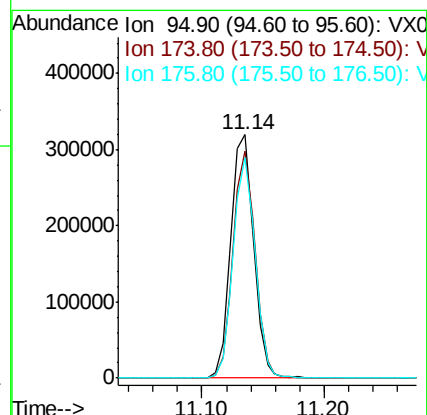
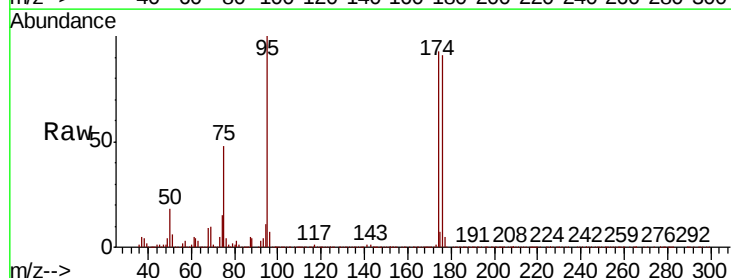
Tgt Ion: 95 Resp: 413010

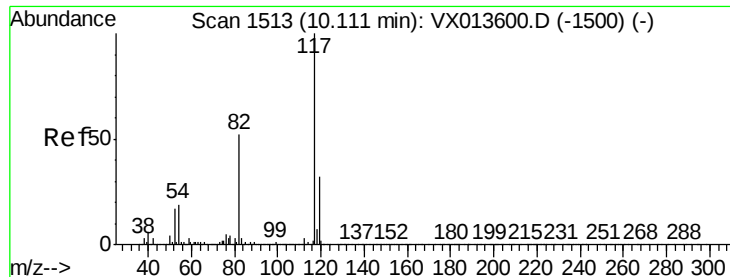
Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

176 87.1 0.0 173.6

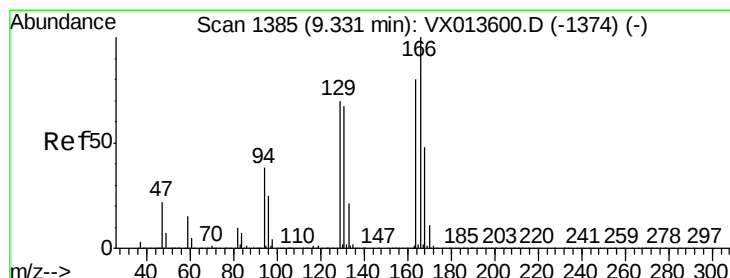
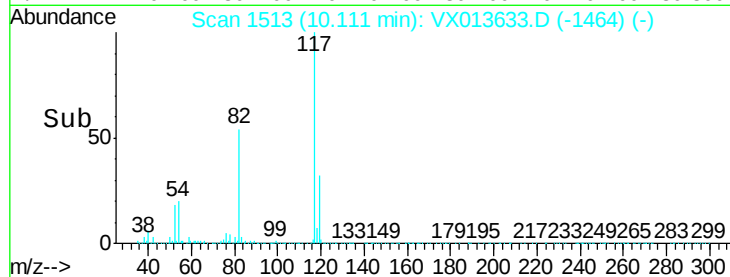
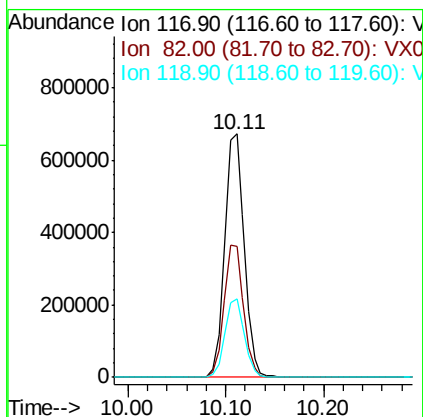
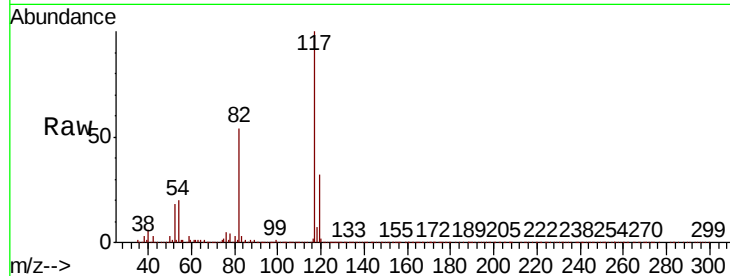




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013633.D
Acq: 27 Nov 2019 05:25

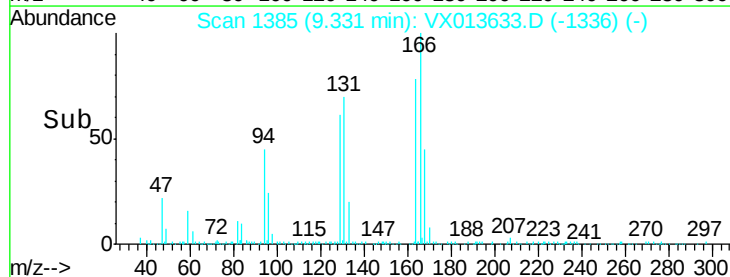
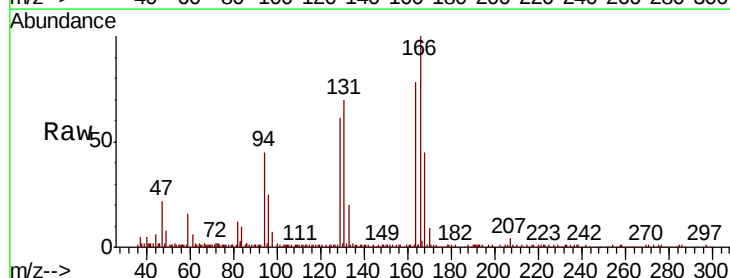
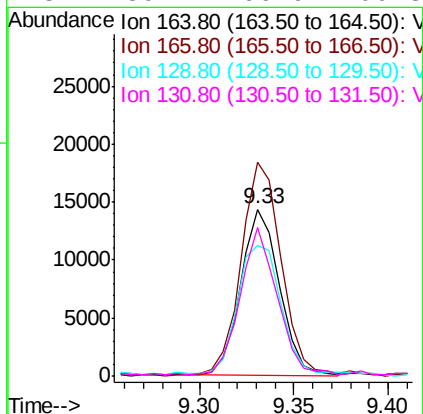
Instrument :
MSVOA_X
ClientSampleId :
MW-17

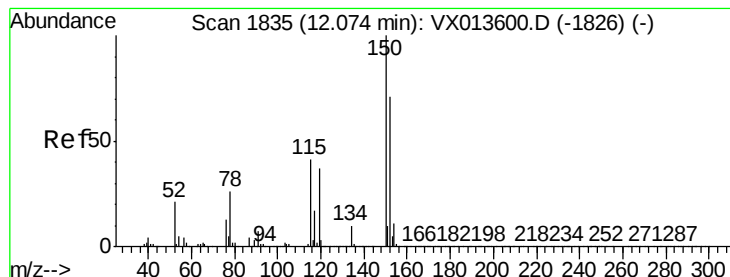
Tot Ion:117 Resp: 927412
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.8
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 2.916 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013633.D
Acq: 27 Nov 2019 05:25

Tgt Ion:164 Resp: 20170
Ion Ratio Lower Upper
164 100
166 127.8 99.7 149.5
129 76.3 70.1 105.1
131 89.1 66.9 100.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013633.D

Acq: 27 Nov 2019 05:25

Instrument :

MSVOA_X

ClientSampleId :

MW-17

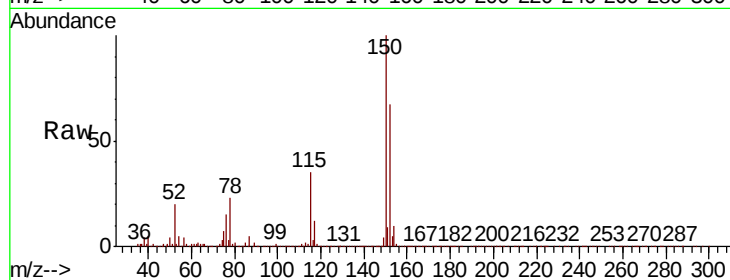
Tot Ion:152 Resp: 408621

Ion Ratio Lower Upper

152 100

115 54.9 38.4 115.1

150 155.9 0.0 346.8



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

