

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014155.D
 Acq On : 20 Dec 2019 06:02
 Operator : JC/SP
 Sample : K6372-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

Quant Time: Dec 20 07:43:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

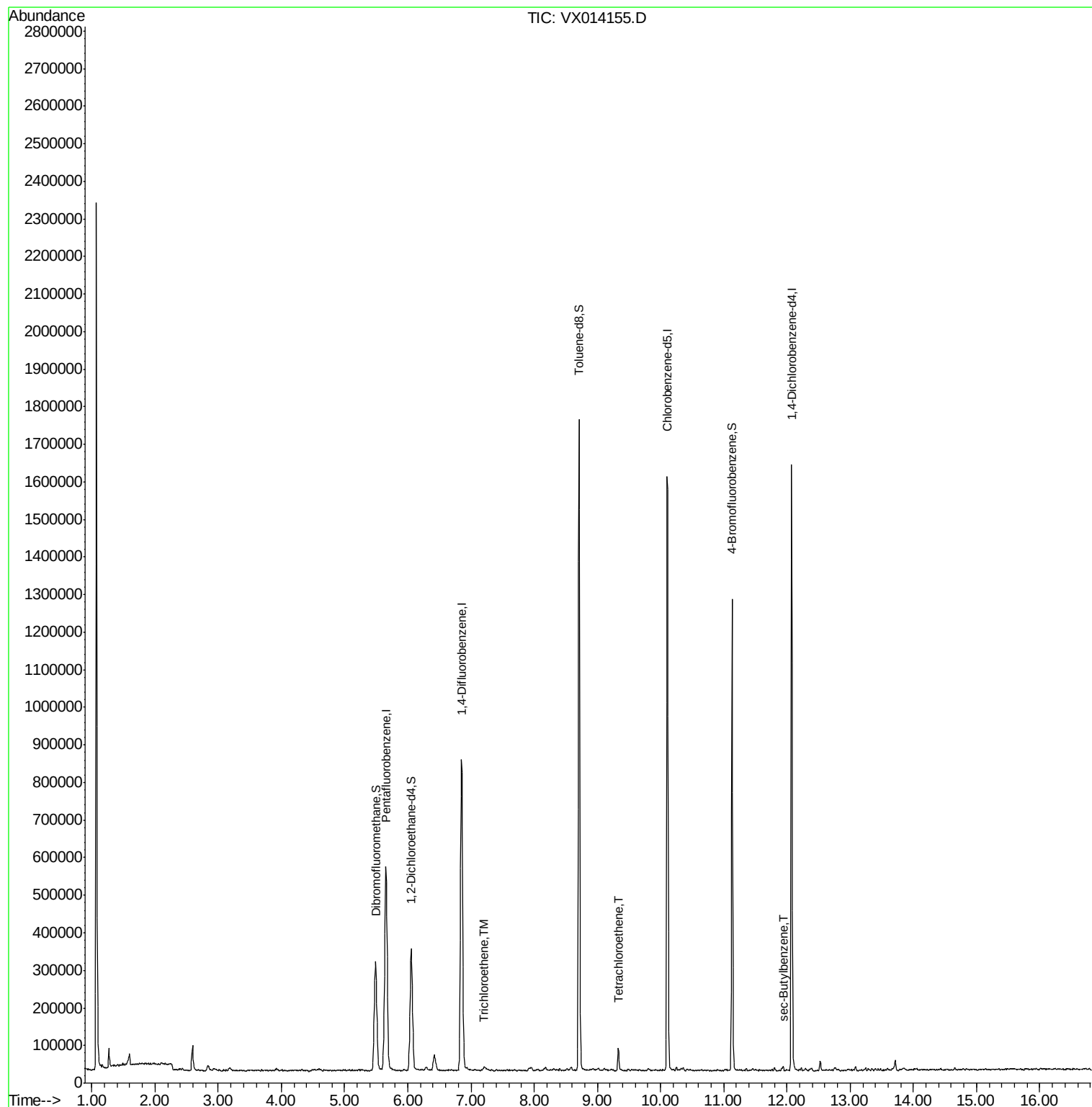
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	566725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	862848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	761012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	303267	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
35) Dibromofluoromethane	5.49	113	252783	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	8.71	98	1006518	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	338543	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
Target Compounds						
44) Trichloroethene	7.21	130	4614	0.686	ug/l	99
64) Tetrachloroethene	9.33	164	13032	1.935	ug/l #	86
85) sec-Butylbenzene	11.94	105	7527	0.323	ug/l	96

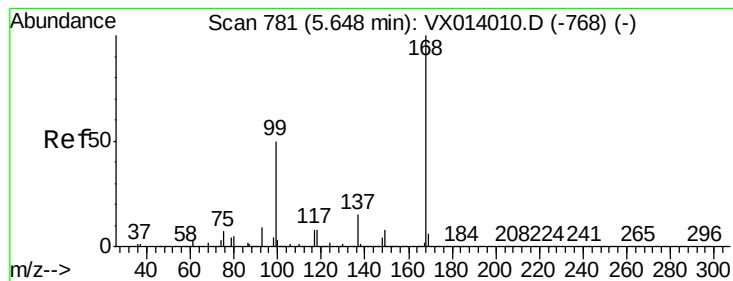
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014155.D

Acq: 20 Dec 2019 06:02

Instrument :

MSVOA_X

ClientSampled :

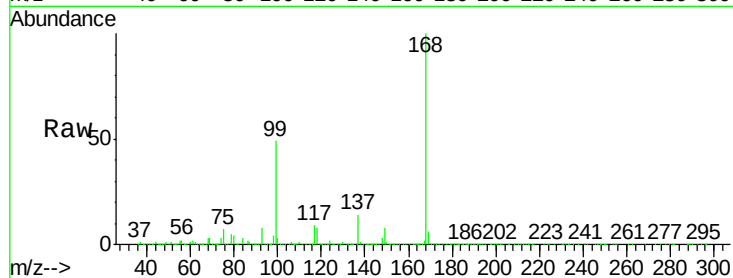
MW-9

Tot Ion:168 Resp: 566725

Ion Ratio Lower Upper

168 100

99 49.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

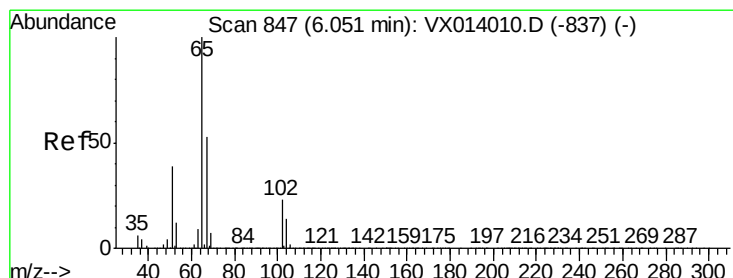
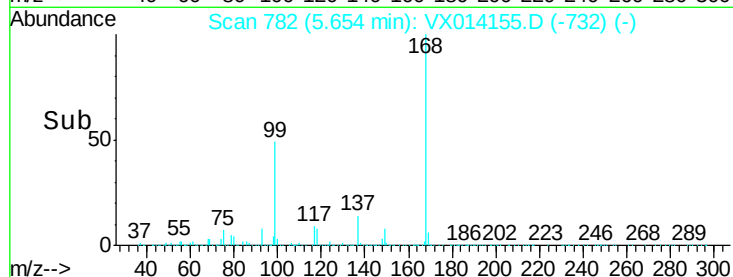
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.215 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014155.D

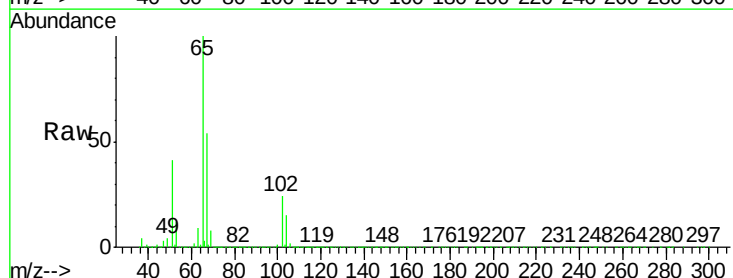
Acq: 20 Dec 2019 06:02

Tgt Ion: 65 Resp: 303267

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

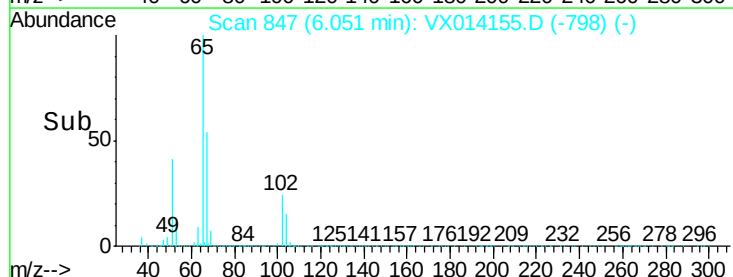
6.05

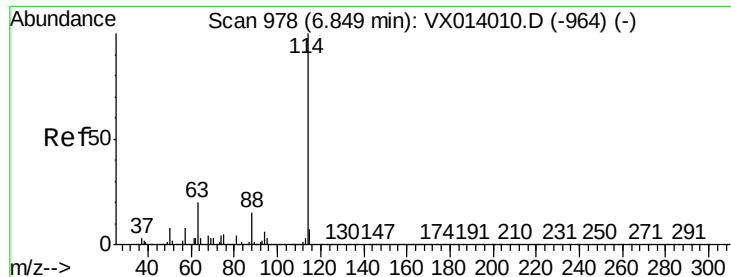
100000

50000

0

Time-->

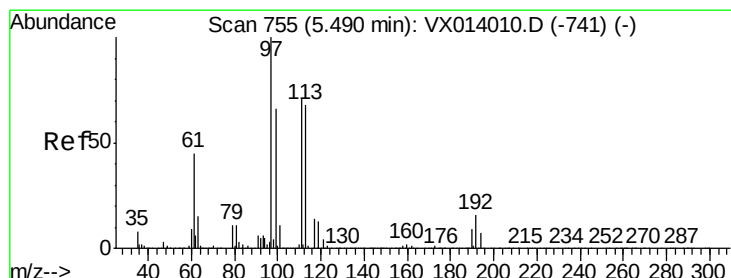
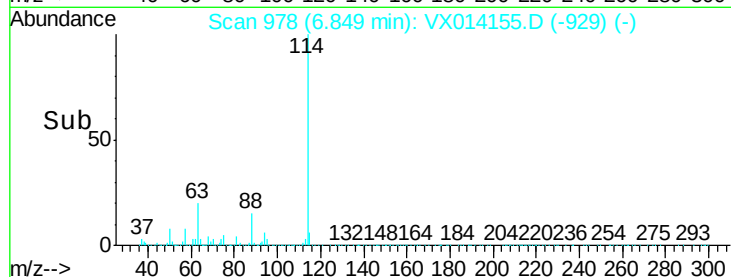
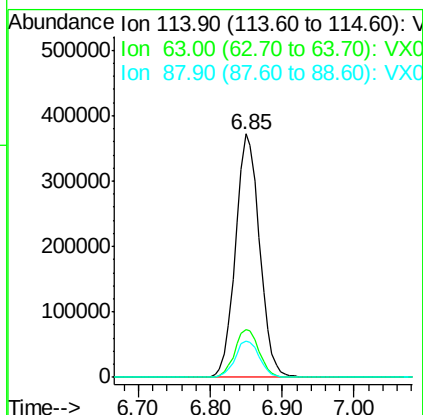
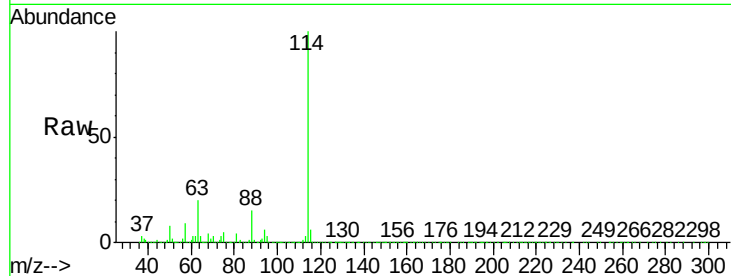




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014155.D
 Acq: 20 Dec 2019 06:02

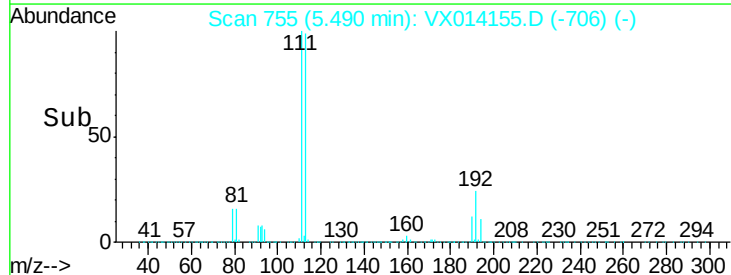
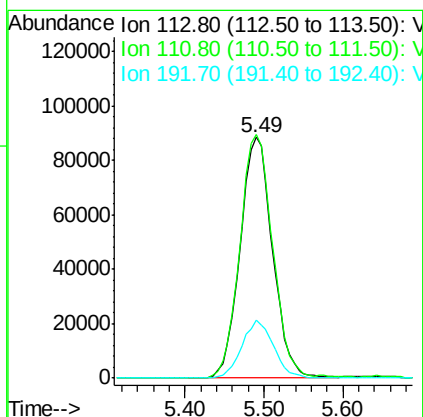
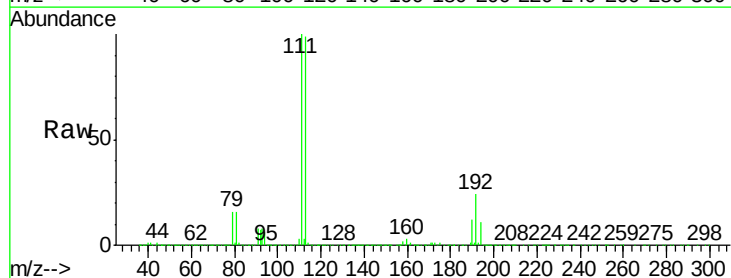
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

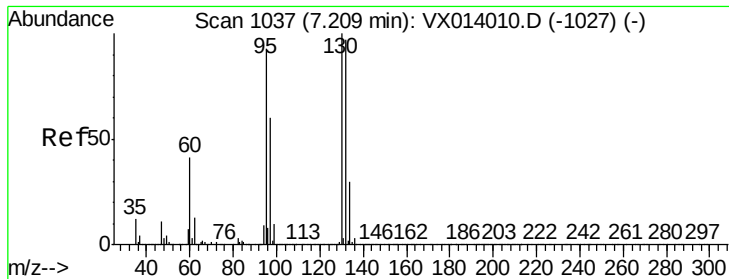
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.8
88	15.1	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 48.194 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014155.D
 Acq: 20 Dec 2019 06:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	23.7	19.3	28.9





#44

Trichloroethene

Concen: 0.686 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014155.D

Acq: 20 Dec 2019 06:02

Instrument :

MSVOA_X

ClientSampled :

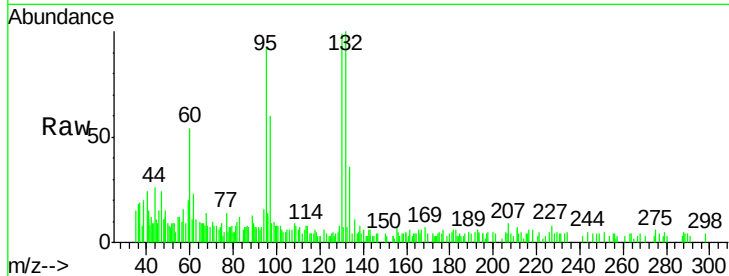
MW-9

Tot Ion:130 Resp: 4614

Ion Ratio Lower Upper

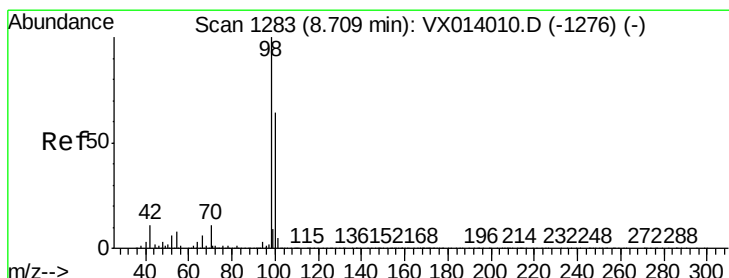
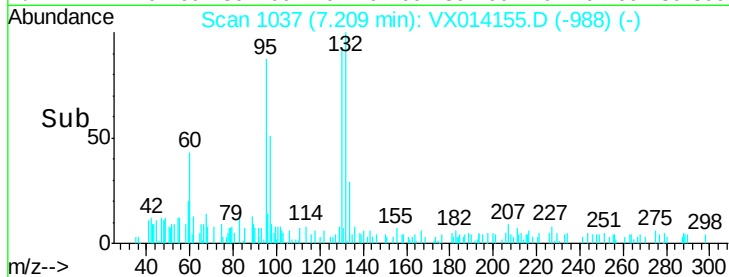
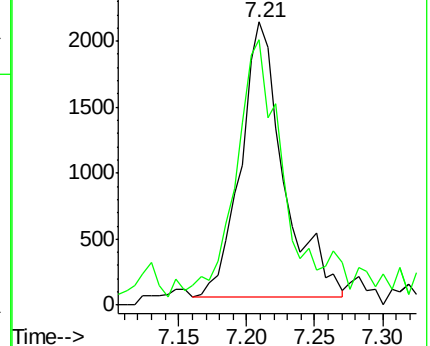
130 100

95 92.0 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.289 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014155.D

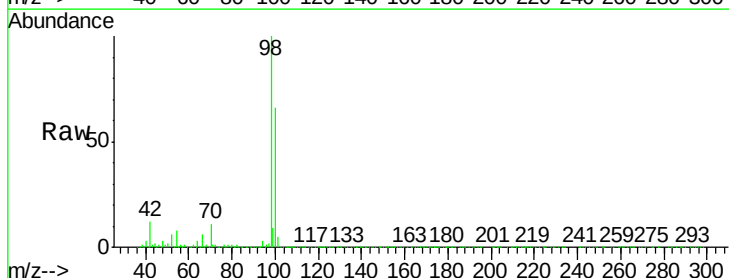
Acq: 20 Dec 2019 06:02

Tgt Ion: 98 Resp: 1006518

Ion Ratio Lower Upper

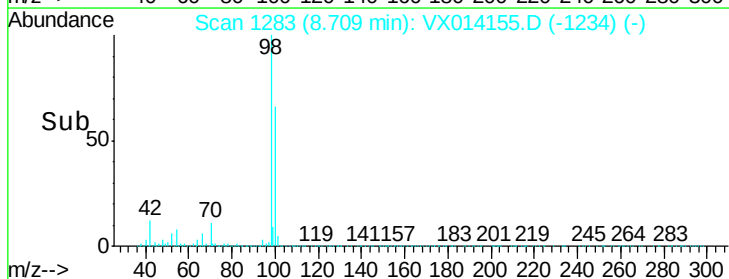
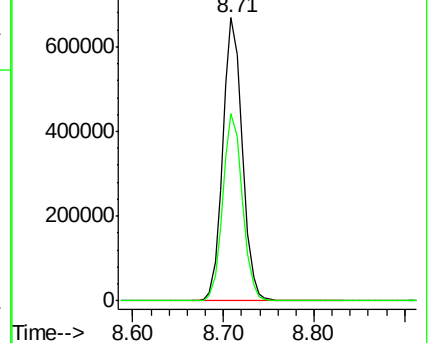
98 100

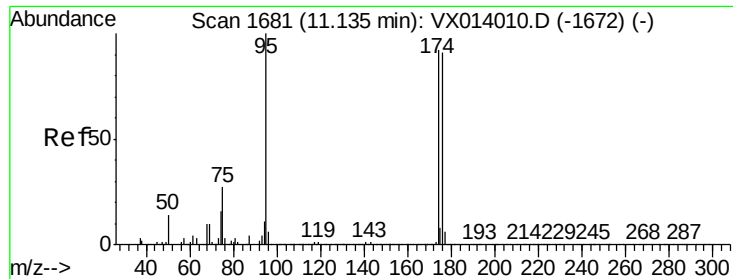
100 66.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

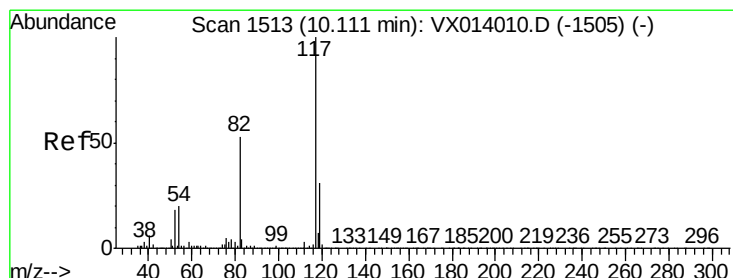
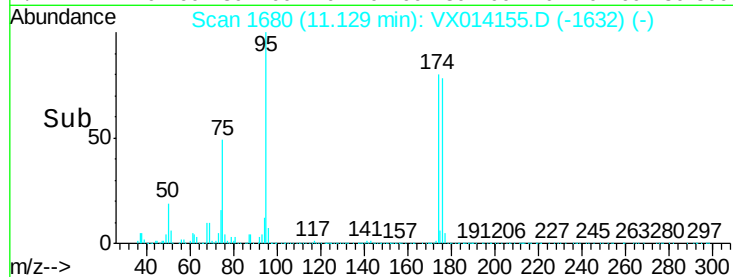
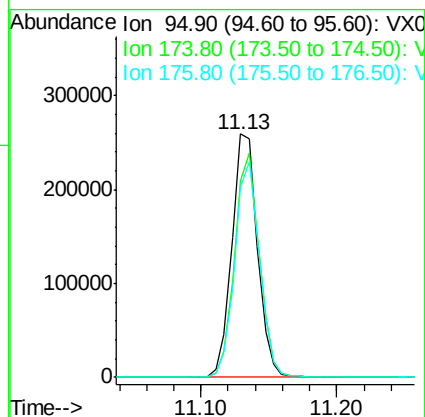
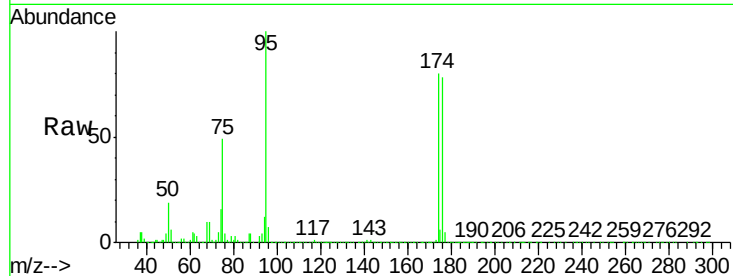




#62
4-Bromofluorobenzene
Concen: 45.353 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014155.D
Acq: 20 Dec 2019 06:02

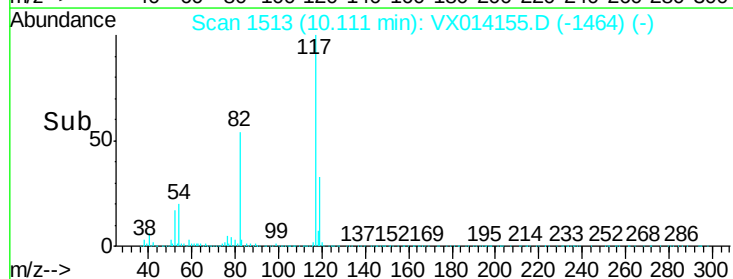
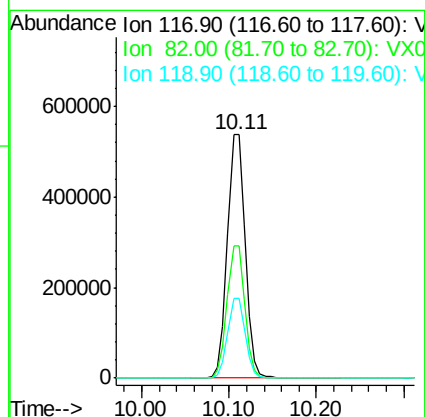
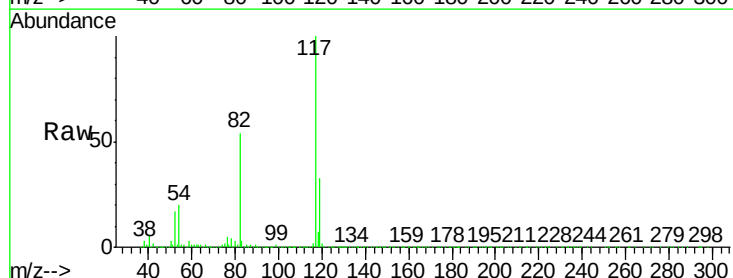
Instrument :
MSVOA_X
ClientSampleId :
MW-9

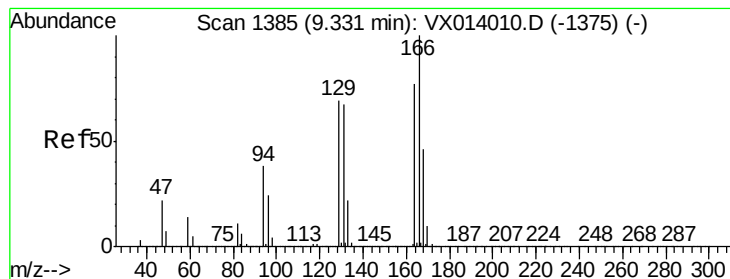
Tot Ion: 95 Resp: 338543
Ion Ratio Lower Upper
95 100
174 89.6 0.0 175.8
176 86.1 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014155.D
Acq: 20 Dec 2019 06:02

Tgt Ion: 117 Resp: 761012
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.4
119 32.7 25.1 37.7





#64

Tetrachloroethene

Concen: 1.935 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014155.D

Acq: 20 Dec 2019 06:02

Instrument :

MSVOA_X

ClientSampleId :

MW-9

Tot Ion:164 Resp: 13032

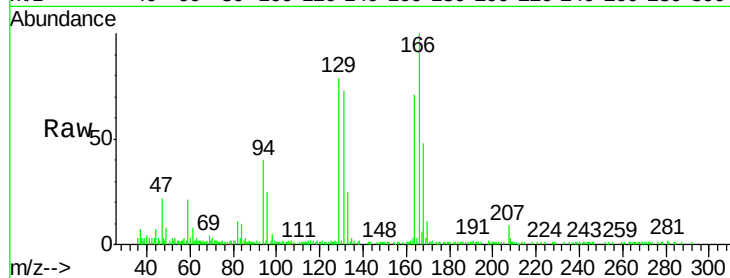
Ion Ratio Lower Upper

164 100

166 140.5 104.0 156.0

129 109.5 72.2 108.4#

131 102.0 69.6 104.4

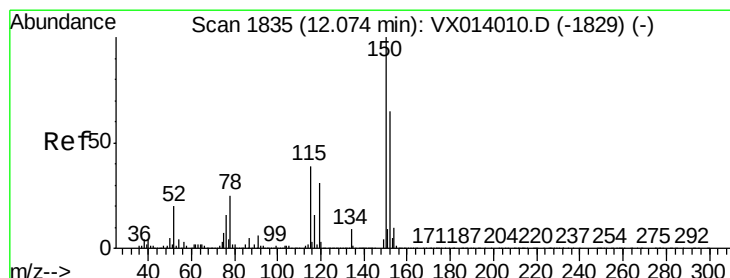
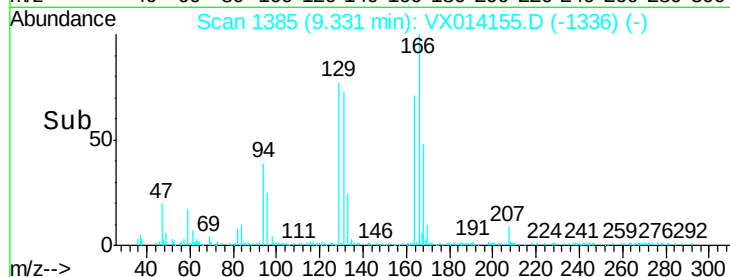
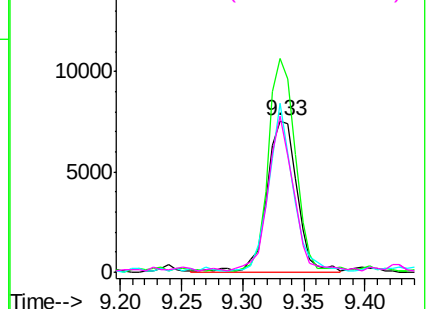


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX014155.D

Acq: 20 Dec 2019 06:02

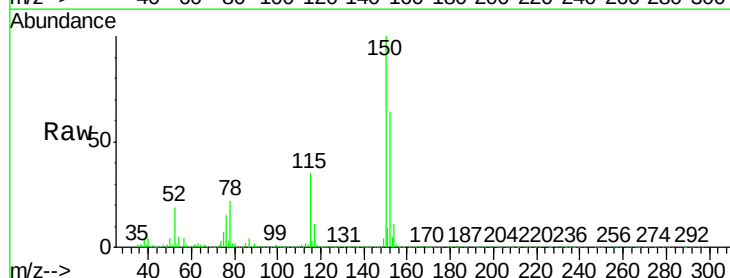
Tgt Ion:152 Resp: 341891

Ion Ratio Lower Upper

152 100

115 55.2 38.3 114.9

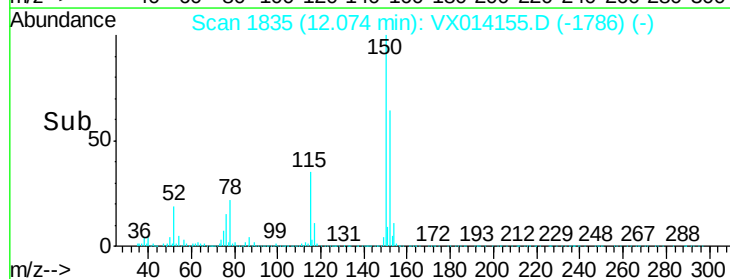
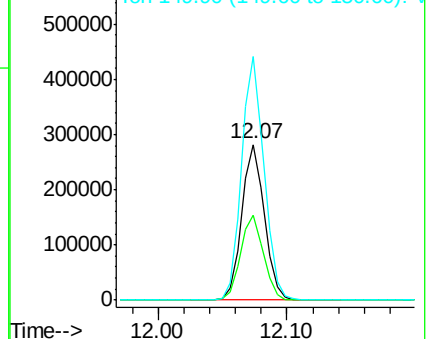
150 155.5 0.0 345.4

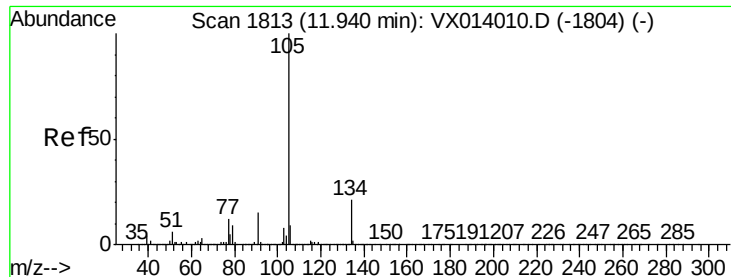


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#85
 sec-Butylbenzene
 Concen: 0.323 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014155.D
 Acq: 20 Dec 2019 06:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

Tot Ion:105 Resp: 7527
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1

