

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013662.D
 Acq On : 27 Nov 2019 19:21
 Operator : JC/SP
 Sample : K6027-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Nov 28 03:47:50 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

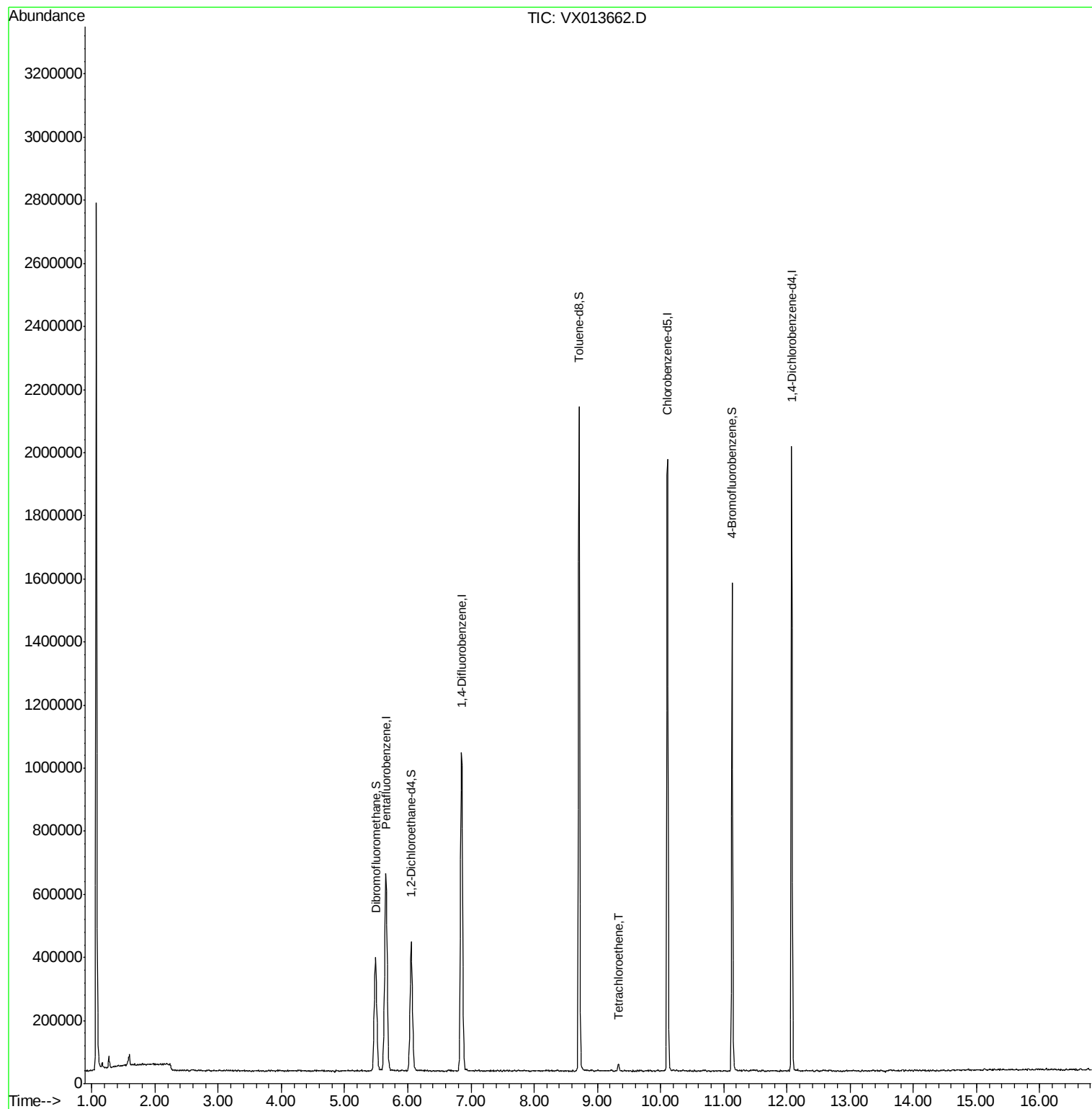
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	660776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1046848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	923488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	416378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	379195	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
35) Dibromofluoromethane	5.49	113	309807	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	8.71	98	1245308	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.14	95	413450	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
Target Compounds						
64) Tetrachloroethene	9.33	164	6003	0.872	ug/l #	Qvalue 91

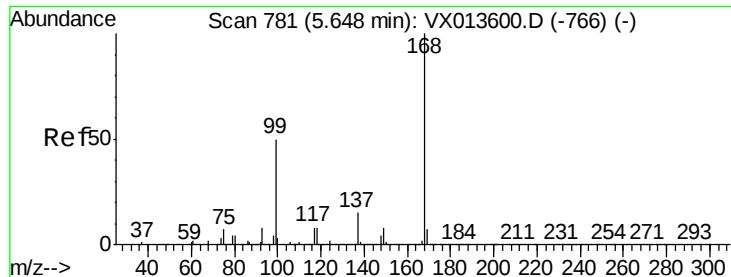
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 26 15:53:00 2019
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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: VX013662.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

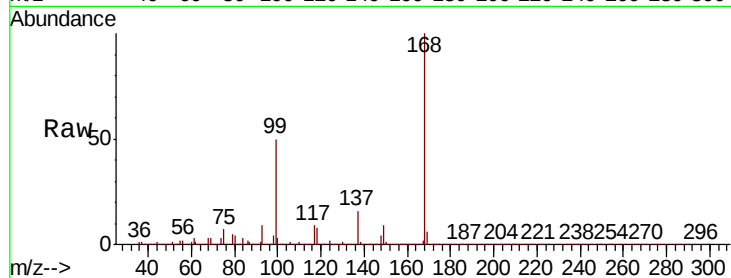
MW-4

Tot Ion:168 Resp: 660776

Ion Ratio Lower Upper

168 100

99 50.3 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

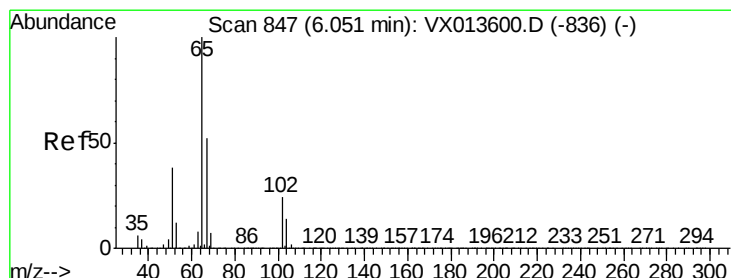
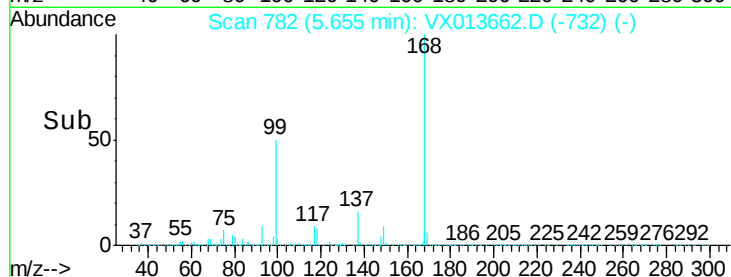
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.438 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013662.D

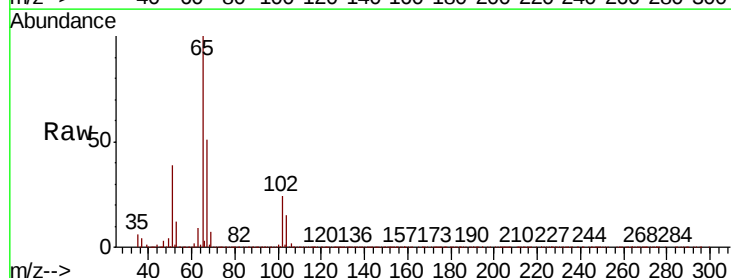
Acq: 27 Nov 2019 19:21

Tgt Ion: 65 Resp: 379195

Ion Ratio Lower Upper

65 100

67 52.1 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

150000

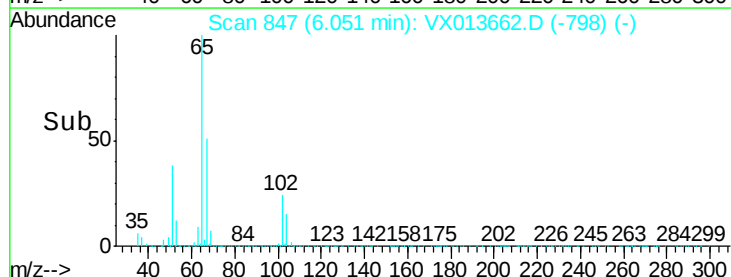
100000

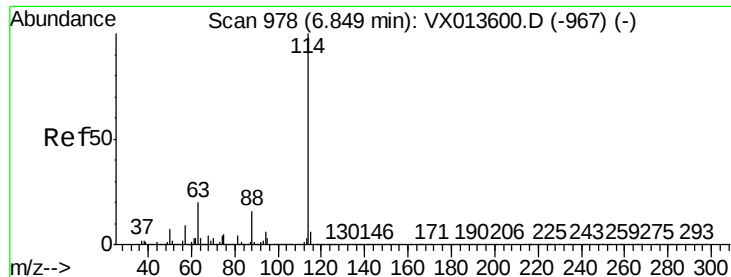
50000

0

Time-->

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: VX013662.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

MW-4

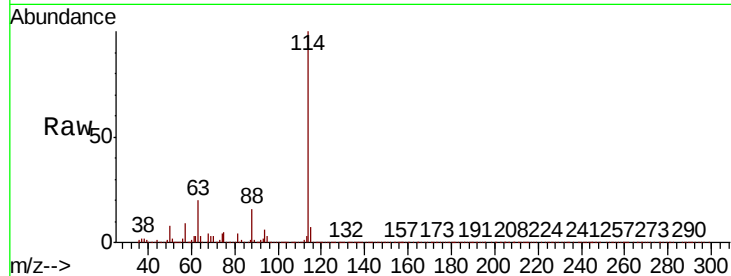
Tot Ion:114 Resp: 1046848

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

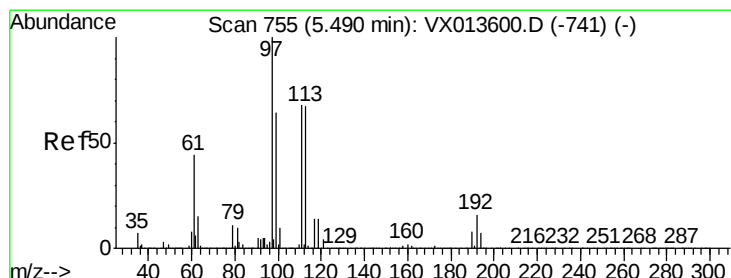
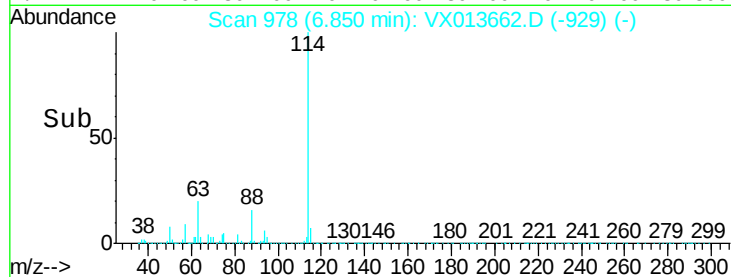
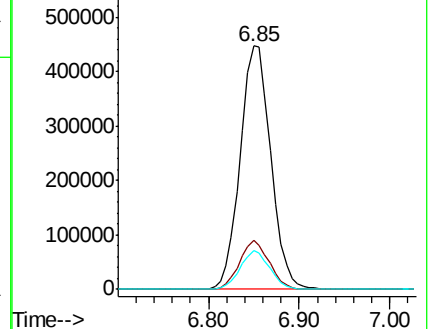
88 15.7 0.0 31.4



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: 47.871 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013662.D

Acq: 27 Nov 2019 19:21

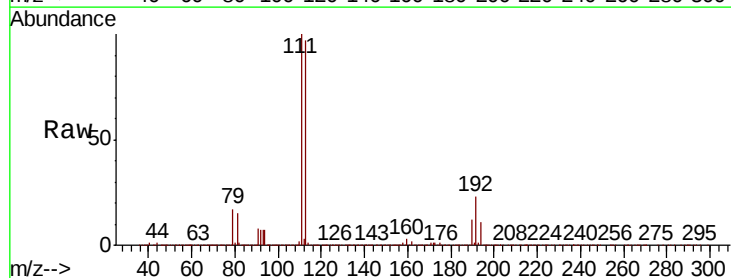
Tgt Ion:113 Resp: 309807

Ion Ratio Lower Upper

113 100

111 104.7 83.6 125.4

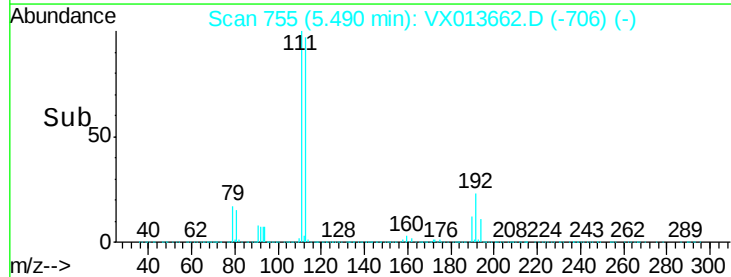
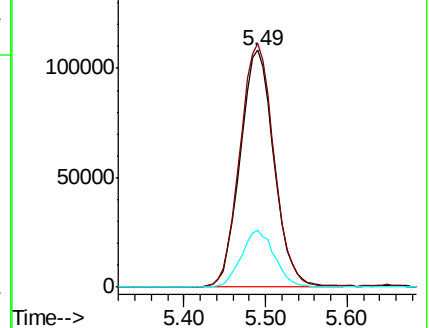
192 23.7 19.2 28.8

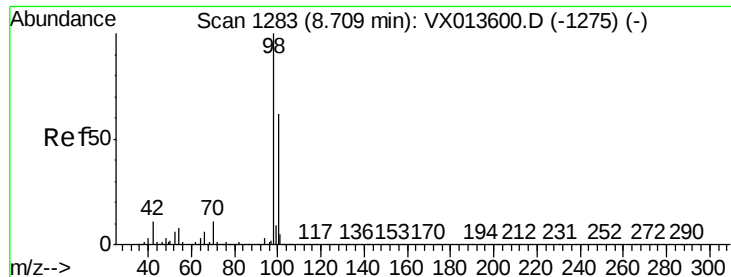


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.388 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013662.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

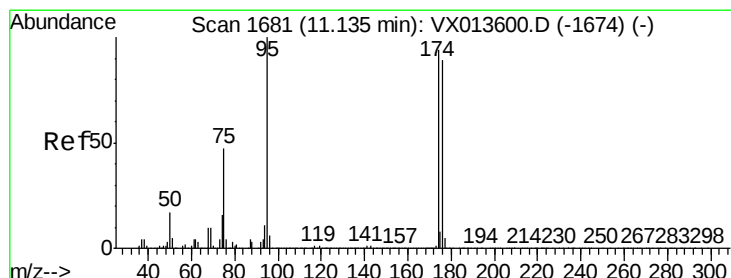
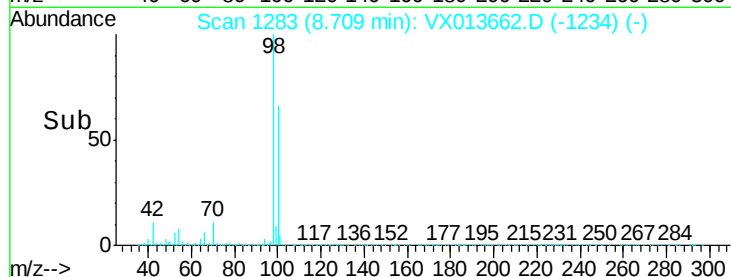
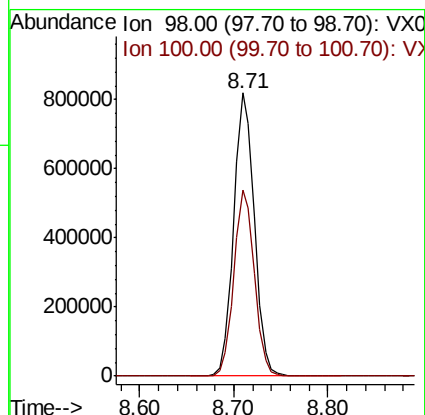
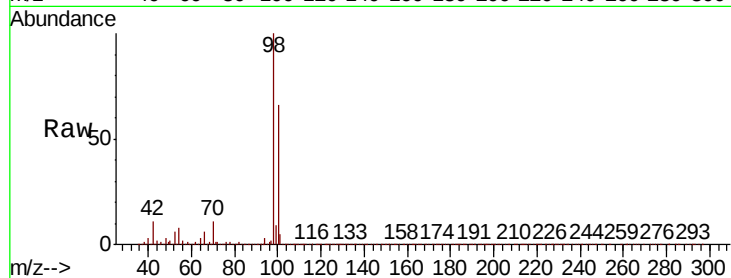
MW-4

Tot Ion: 98 Resp: 1245308

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.472 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013662.D

Acq: 27 Nov 2019 19:21

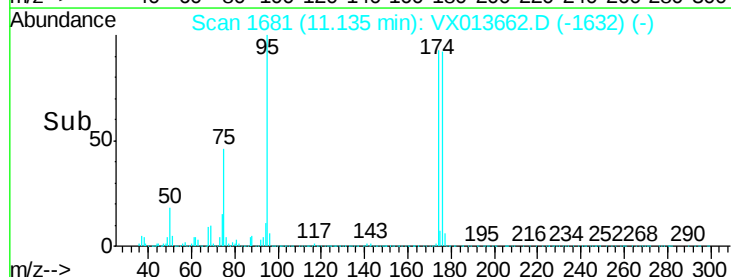
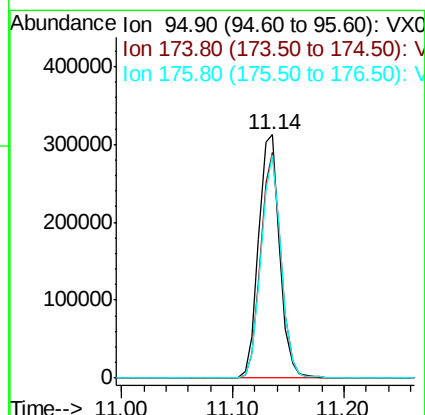
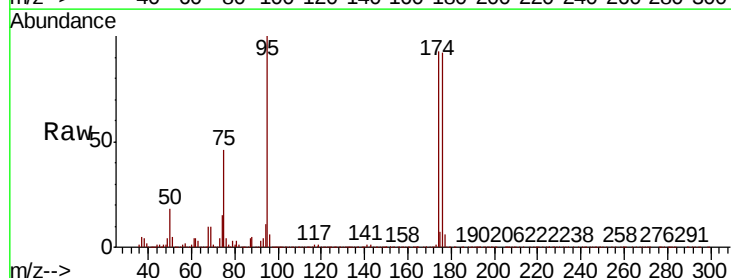
Tgt Ion: 95 Resp: 413450

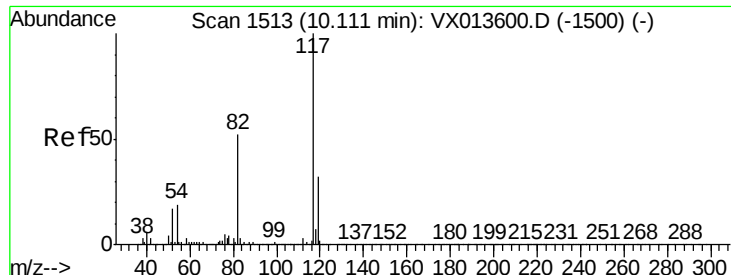
Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.0

176 88.1 0.0 173.6

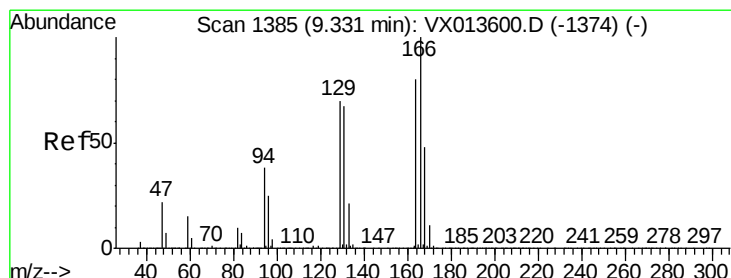
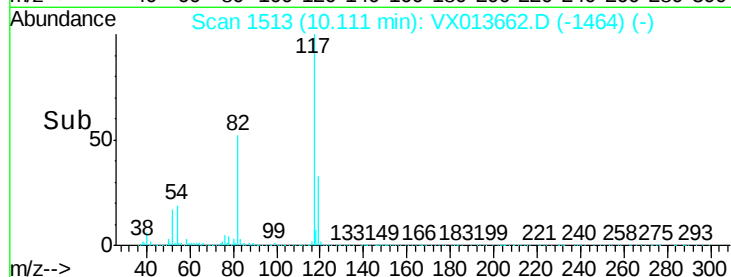
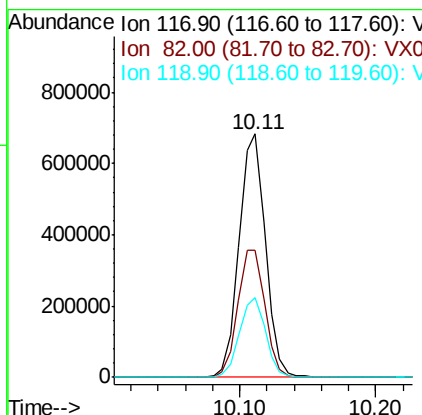
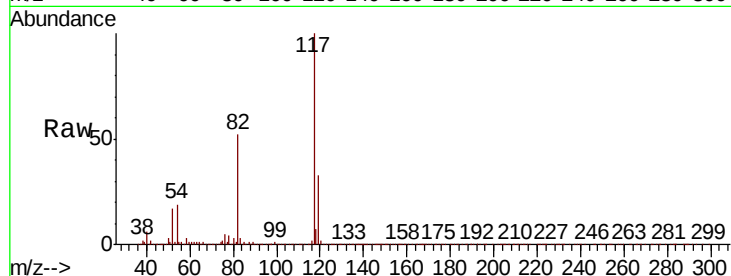




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013662.D
Acq: 27 Nov 2019 19:21

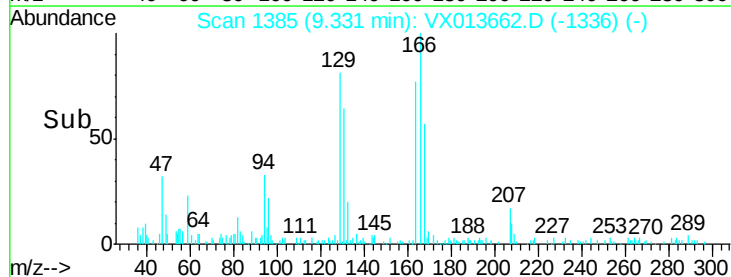
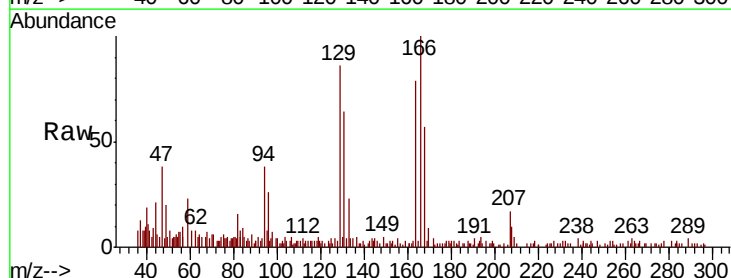
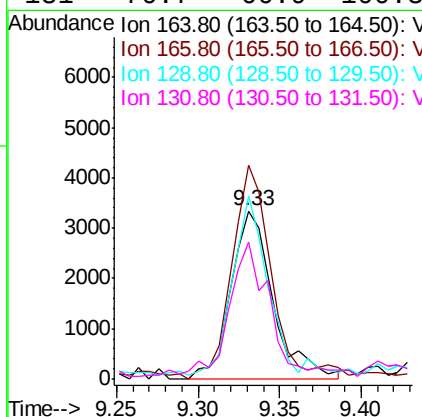
Instrument :
MSVOA_X
ClientSampleId :
MW-4

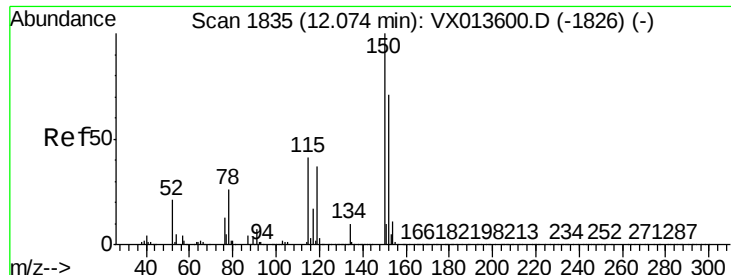
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.8	62.8
119	32.7	25.8	38.8



#64
Tetrachloroethene
Concen: 0.872 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013662.D
Acq: 27 Nov 2019 19:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	99.7	149.5
129	106.0	70.1	105.1#
131	76.7	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: VX013662.D

Acq: 27 Nov 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

MW-4

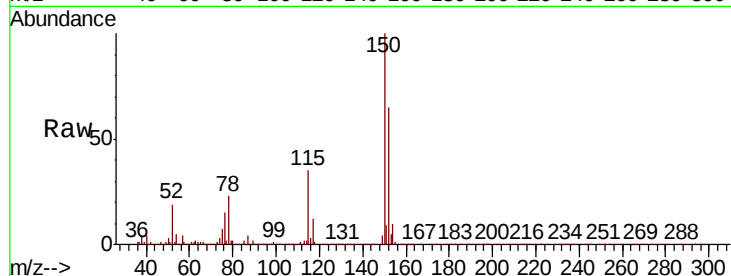
Tot Ion:152 Resp: 416378

Ion Ratio Lower Upper

152 100

115 55.5 38.4 115.1

150 157.4 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

