

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014151.D
 Acq On : 20 Dec 2019 04:29
 Operator : JC/SP
 Sample : K6372-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Dec 20 05:43:23 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

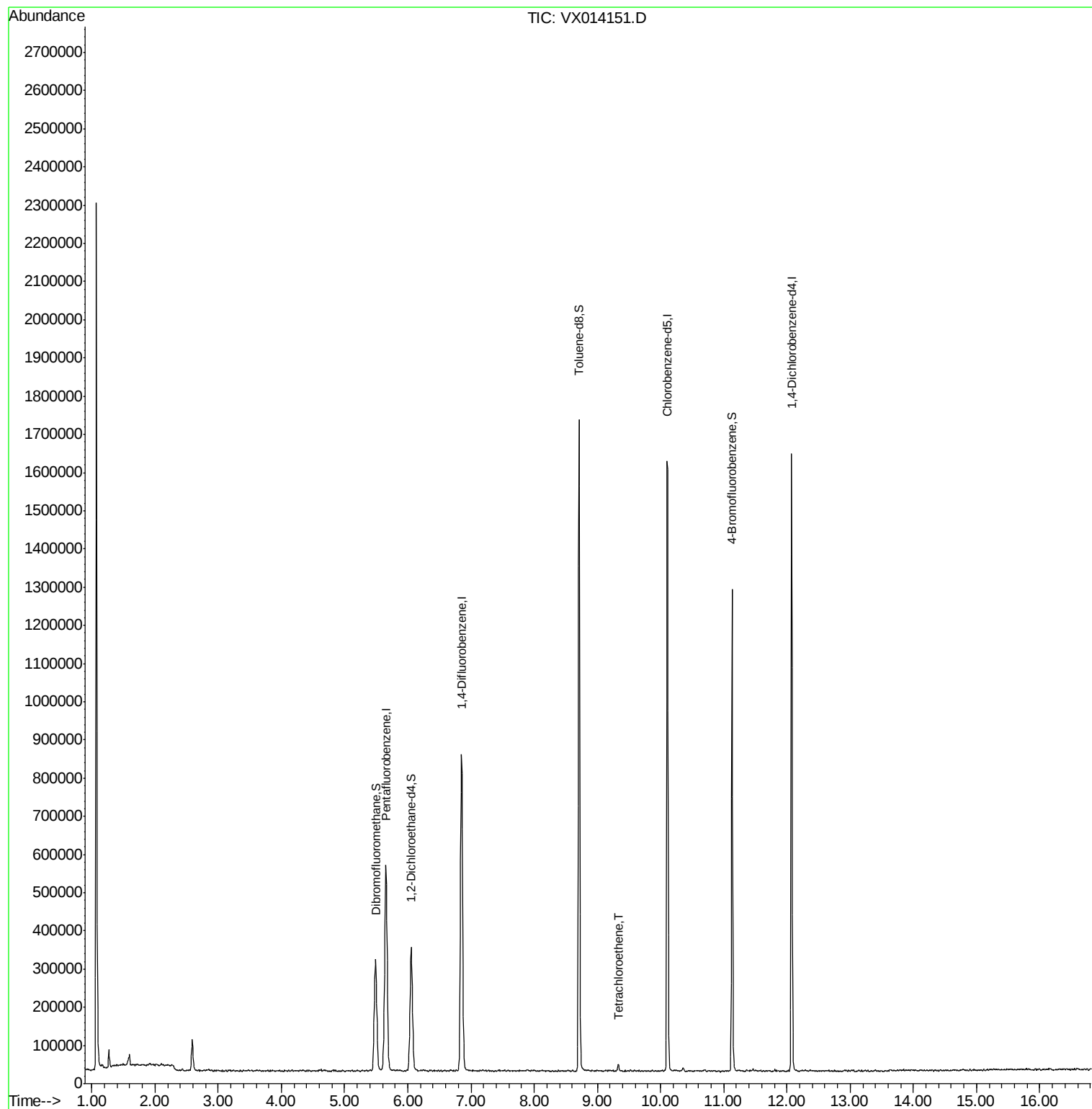
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	556626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	852163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	764188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	337719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	308002	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
35) Dibromofluoromethane	5.49	113	253562	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	8.71	98	1011487	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	340122	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
64) Tetrachloroethene	9.34	164	4010	0.593	ug/l #	79

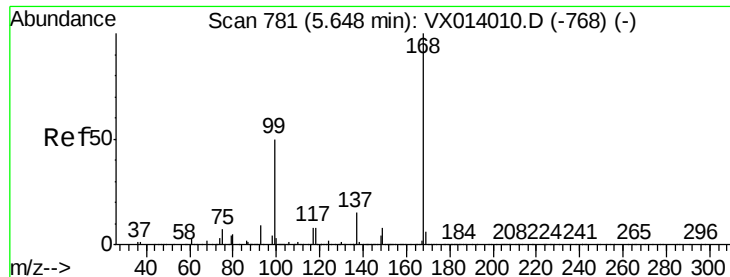
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 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: VX014151.D

Acq: 20 Dec 2019 04:29

Instrument :

MSVOA_X

ClientSampleId :

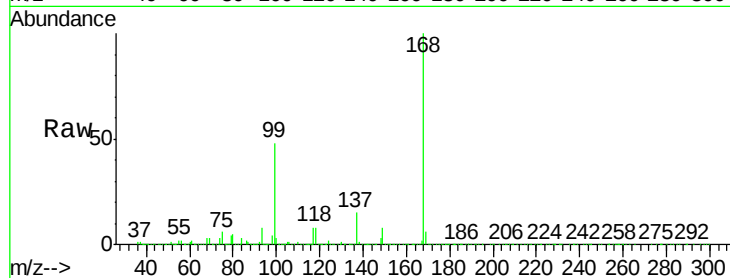
MW-4

Tot Ion:168 Resp: 556626

Ion Ratio Lower Upper

168 100

99 48.3 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

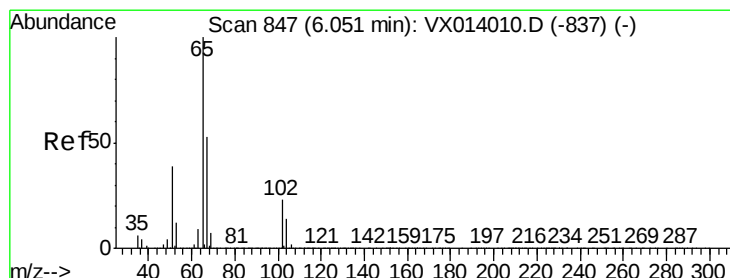
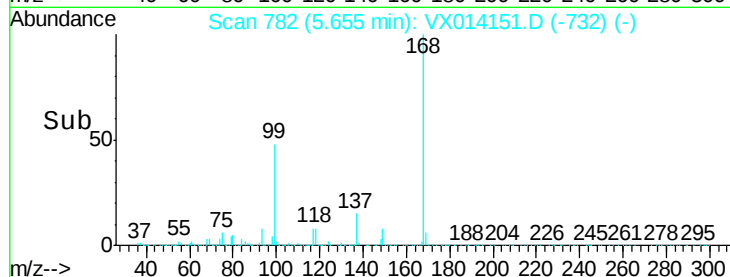
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.823 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014151.D

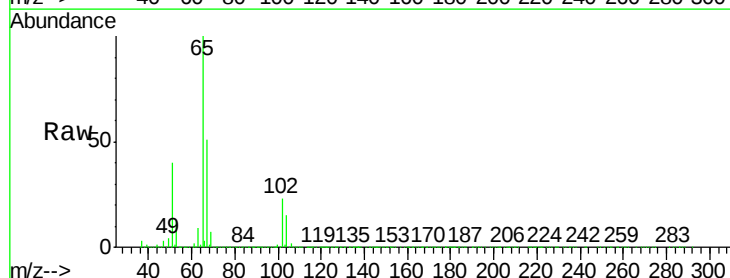
Acq: 20 Dec 2019 04:29

Tgt Ion: 65 Resp: 308002

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

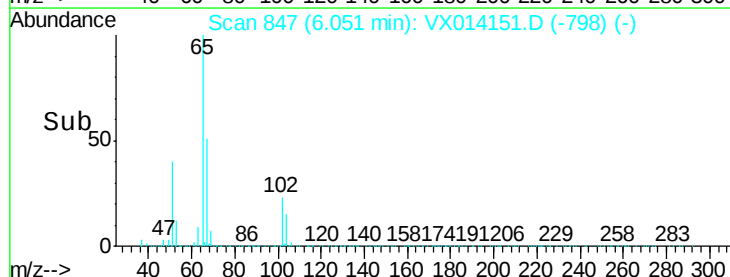
6.05

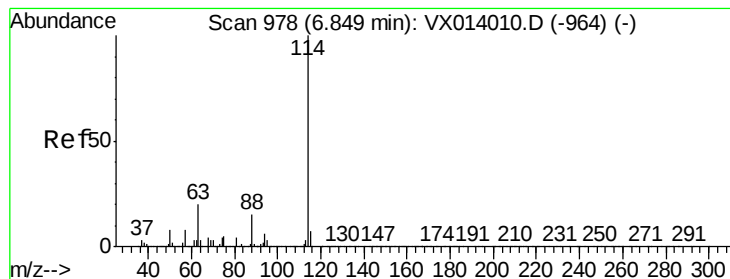
100000

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: VX014151.D

Acq: 20 Dec 2019 04:29

Instrument :

MSVOA_X

ClientSampleId :

MW-4

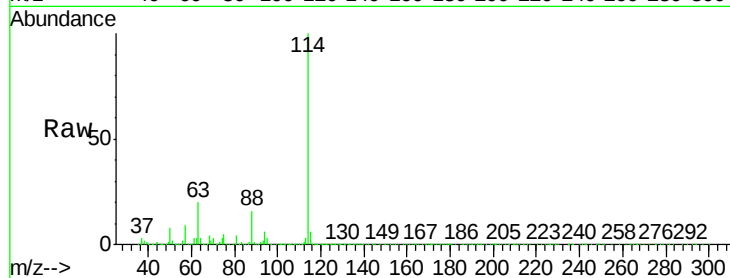
Tot Ion:114 Resp: 852163

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

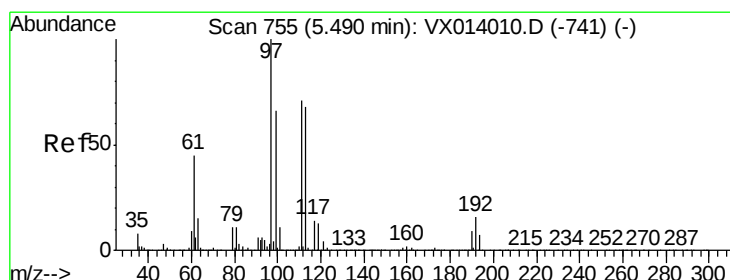
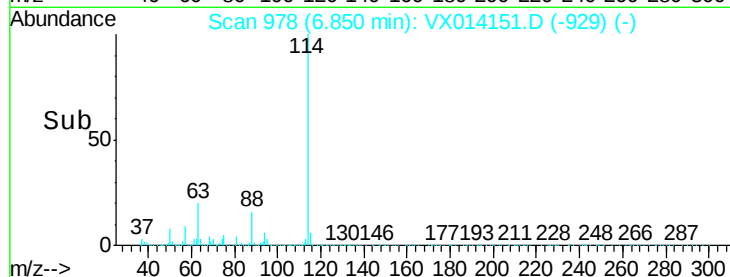
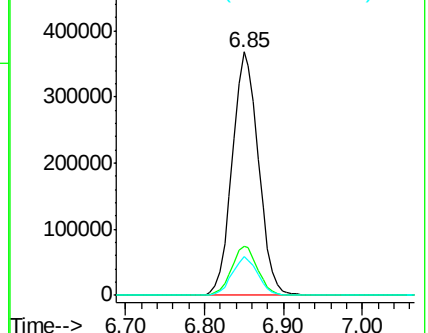
88 15.8 0.0 30.4



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: 48.948 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014151.D

Acq: 20 Dec 2019 04:29

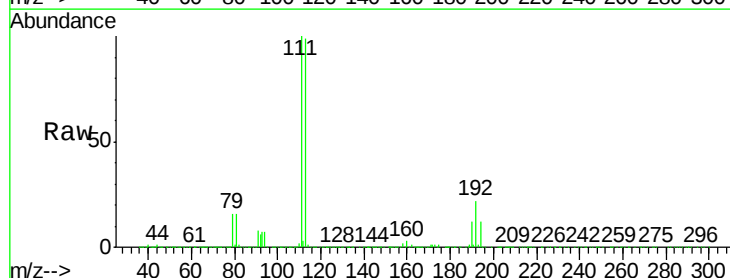
Tgt Ion:113 Resp: 253562

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

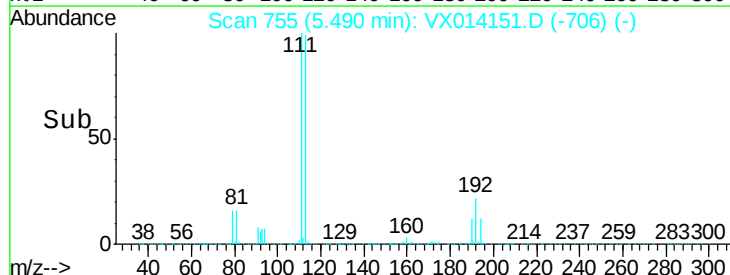
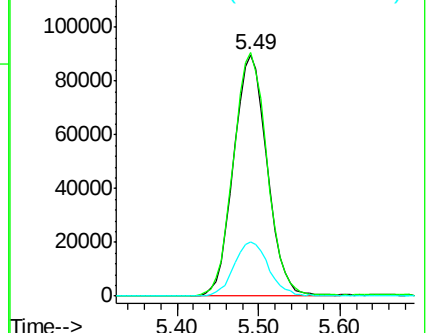
192 23.4 19.3 28.9

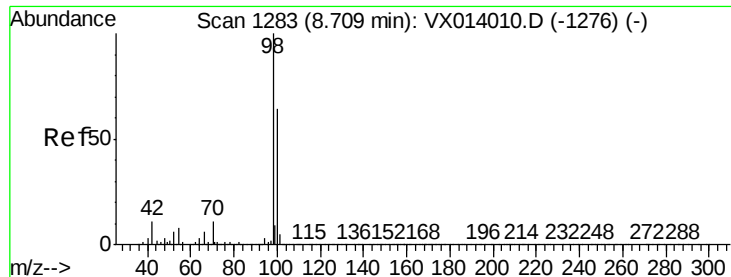


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.153 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014151.D

Acq: 20 Dec 2019 04:29

Instrument :

MSVOA_X

ClientSampleId :

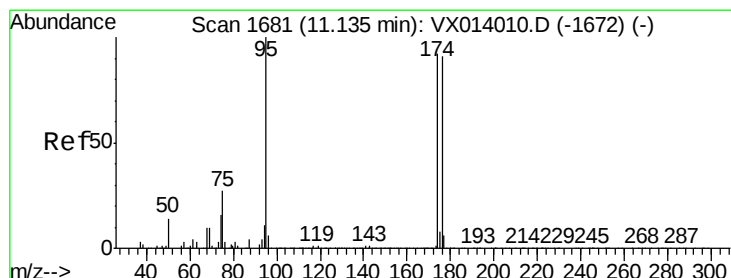
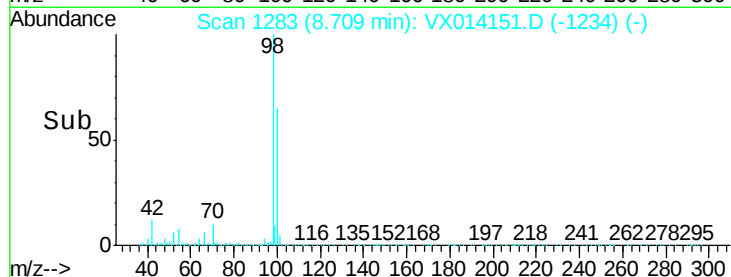
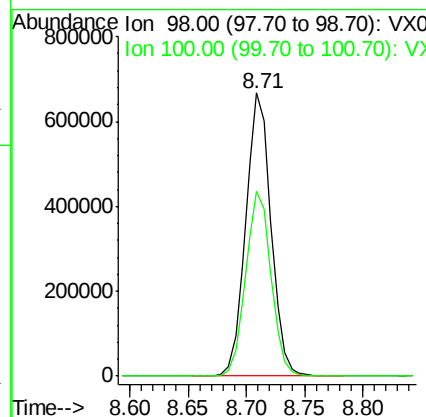
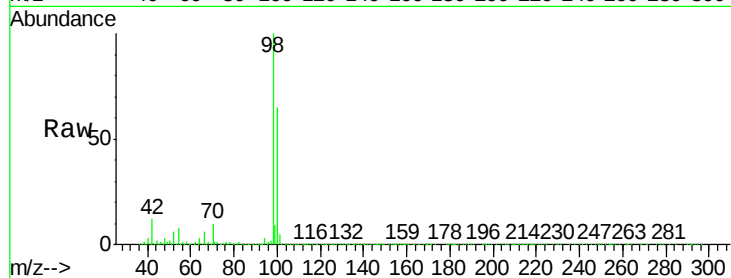
MW-4

Tot Ion: 98 Resp: 1011487

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.135 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014151.D

Acq: 20 Dec 2019 04:29

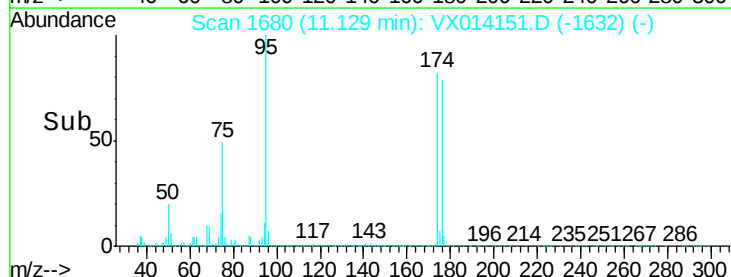
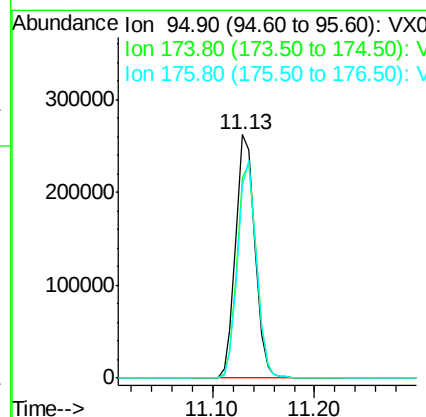
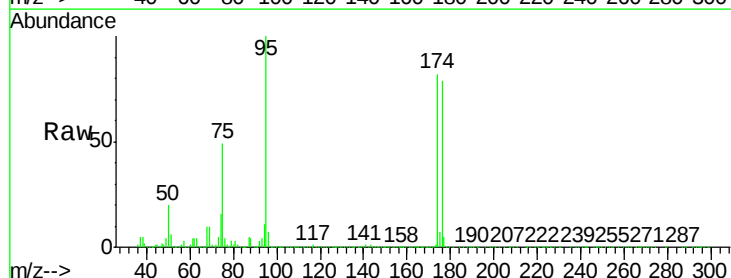
Tgt Ion: 95 Resp: 340122

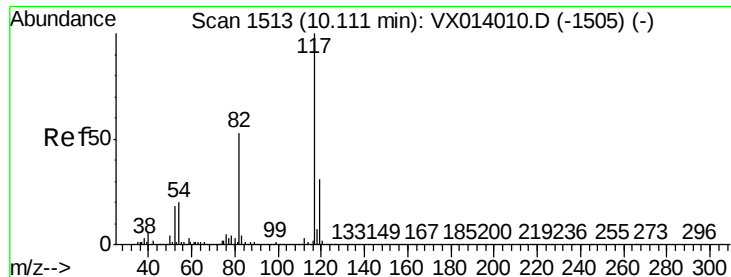
Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.8

176 86.7 0.0 173.0

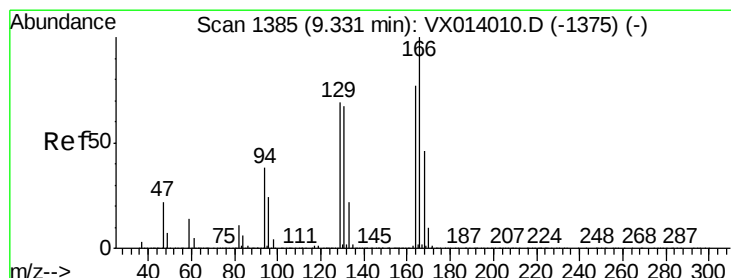
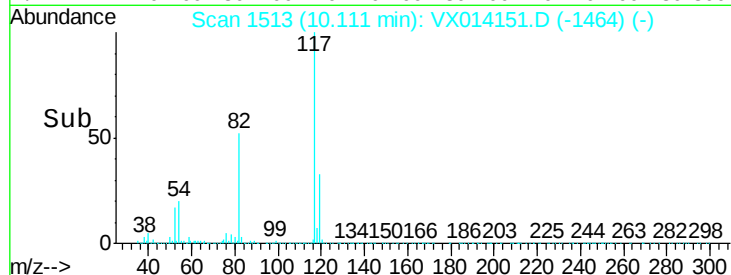
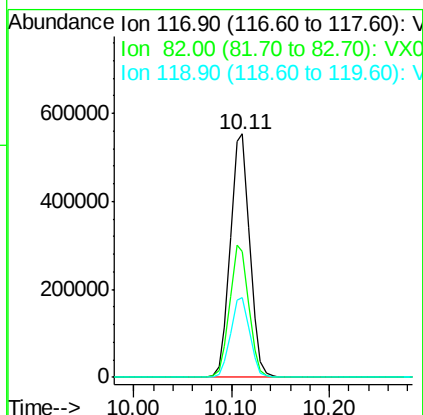
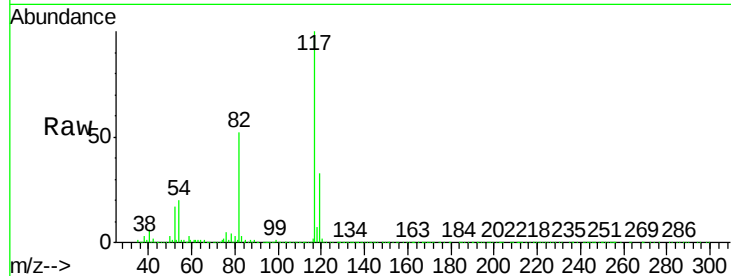




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014151.D
Acq: 20 Dec 2019 04:29

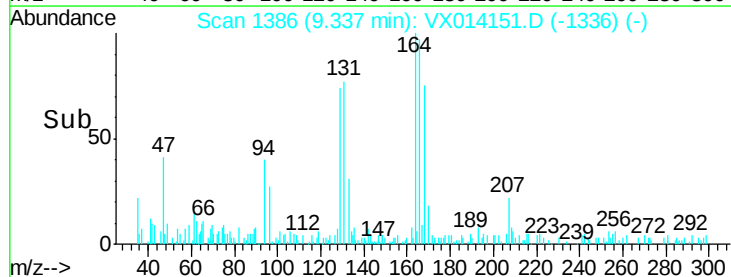
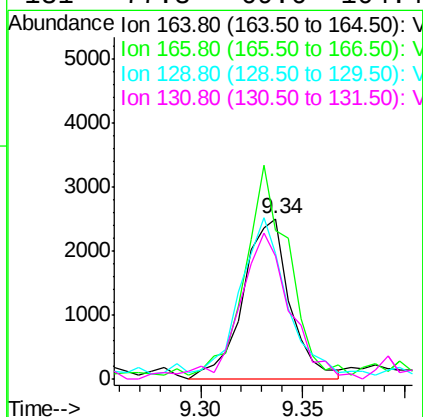
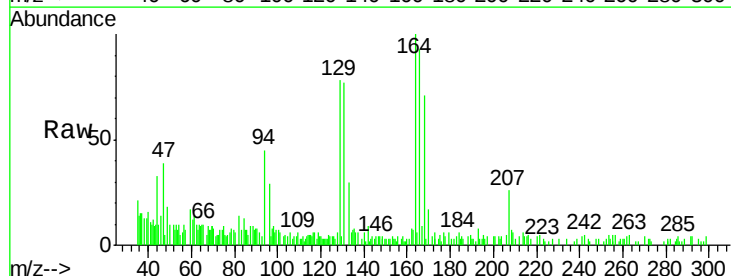
Instrument :
MSVOA_X
ClientSampleId :
MW-4

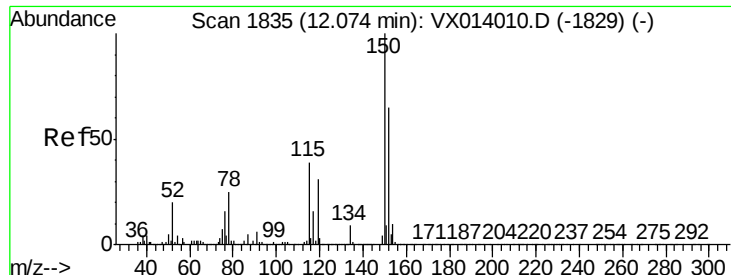
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.2	63.4
119	32.9	25.1	37.7



#64
Tetrachloroethene
Concen: 0.593 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX014151.D
Acq: 20 Dec 2019 04:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	91.2	104.0	156.0#
129	76.4	72.2	108.4
131	77.3	69.6	104.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014151.D

Acq: 20 Dec 2019 04:29

Instrument :

MSVOA_X

ClientSampleId :

MW-4

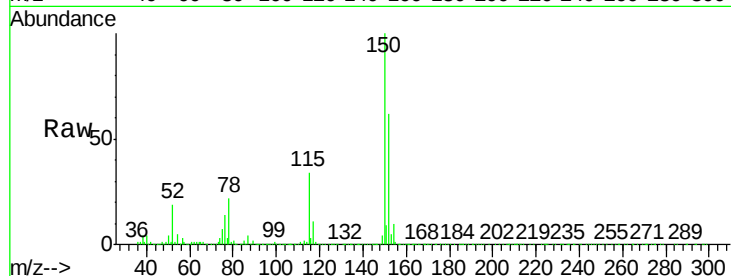
Tot Ion:152 Resp: 337719

Ion Ratio Lower Upper

152 100

115 55.6 38.3 114.9

150 158.7 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

