

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012524.D
 Acq On : 19 Sep 2019 13:37
 Operator : JC/SP
 Sample : K4888-02
 Misc : 6.11g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 980-B-1-(24)

Quant Time: Sep 20 05:16:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

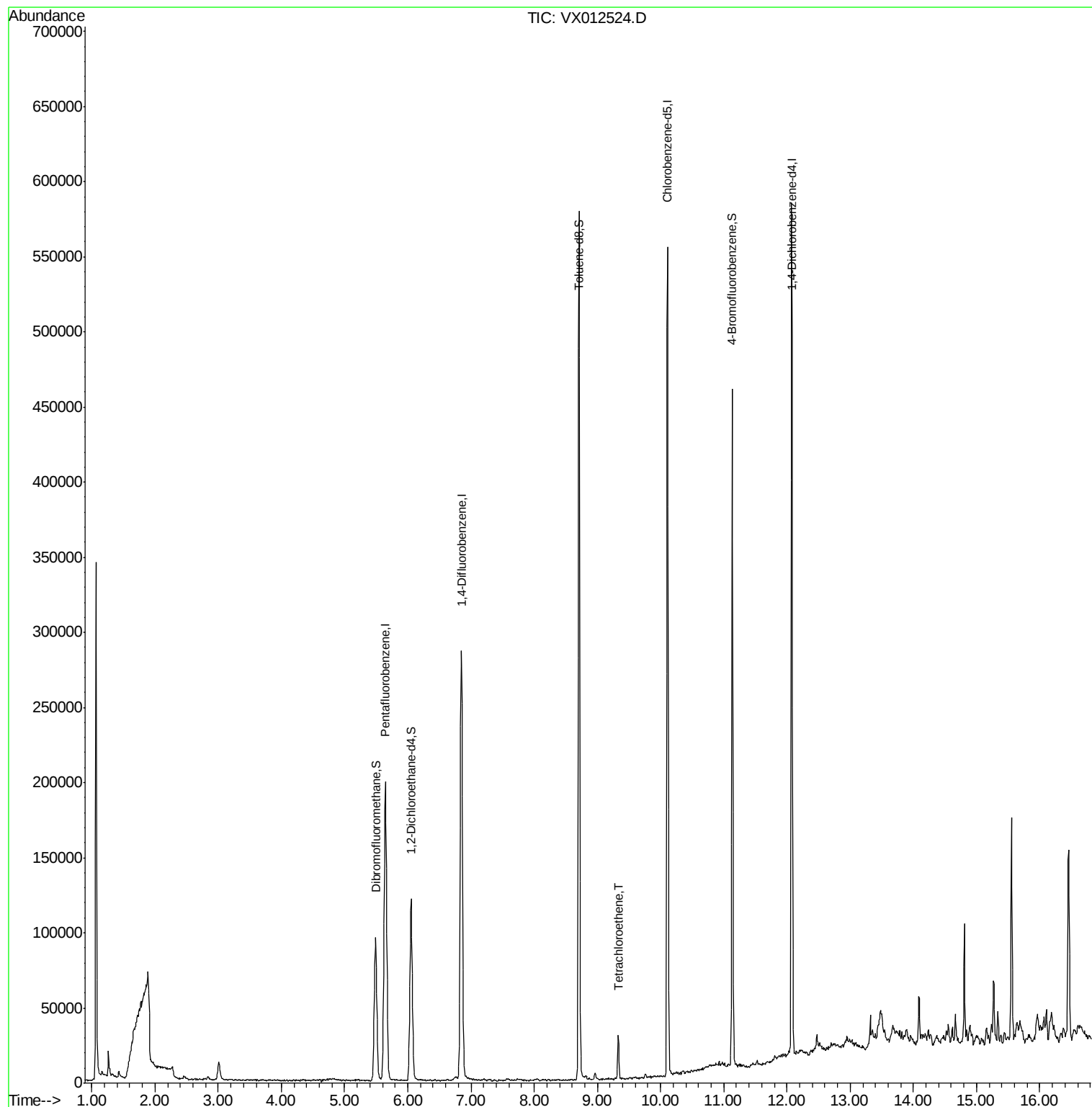
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283909	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	117350	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
35) Dibromofluoromethane	5.49	113	80459	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
50) Toluene-d8	8.71	98	328335	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.14	95	123481	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
Target Compounds						
64) Tetrachloroethene	9.33	164	5174	4.691	ug/l	Qvalue 90

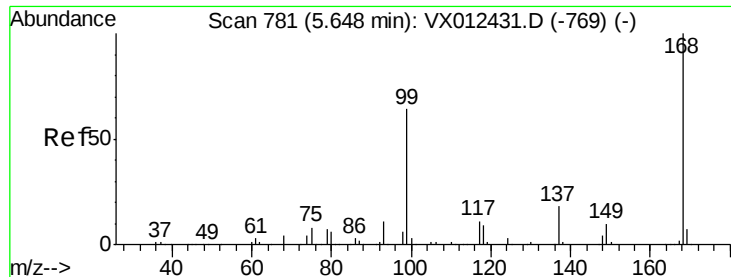
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012524.D

Acq: 19 Sep 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

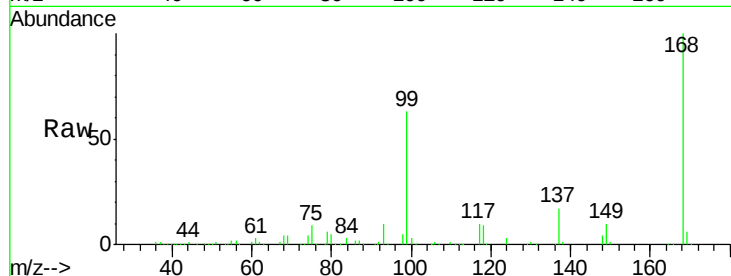
980-B-1-(24)

Tot Ion:168 Resp: 178781

Ion Ratio Lower Upper

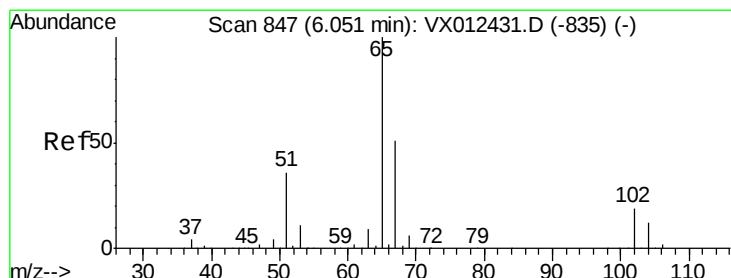
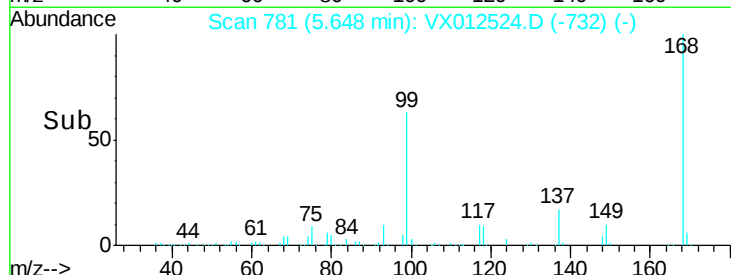
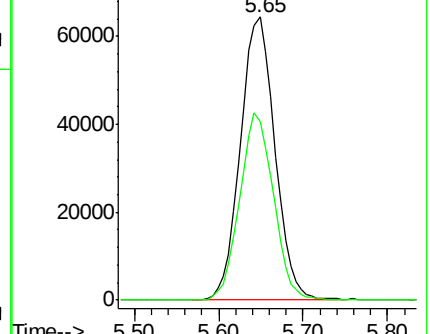
168 100

99 62.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.799 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012524.D

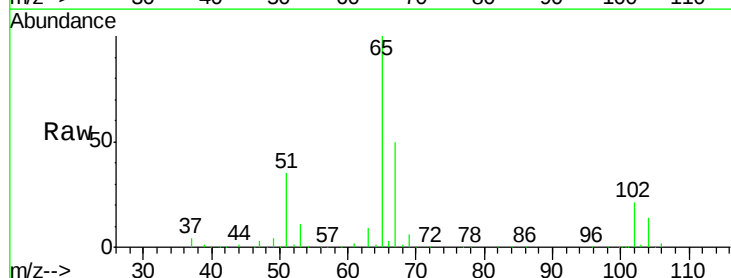
Acq: 19 Sep 2019 13:37

Tgt Ion: 65 Resp: 117350

Ion Ratio Lower Upper

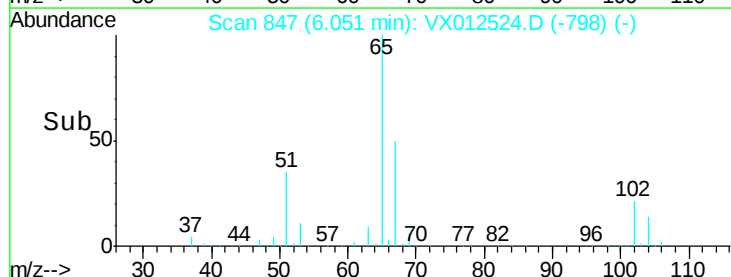
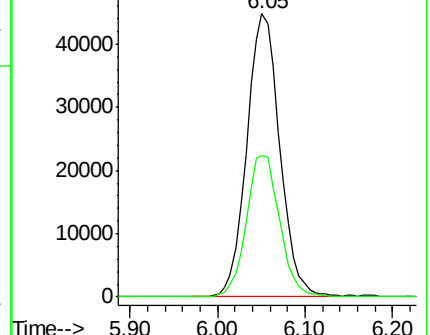
65 100

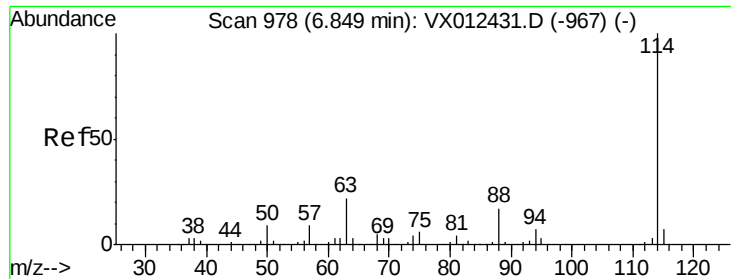
67 50.4 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

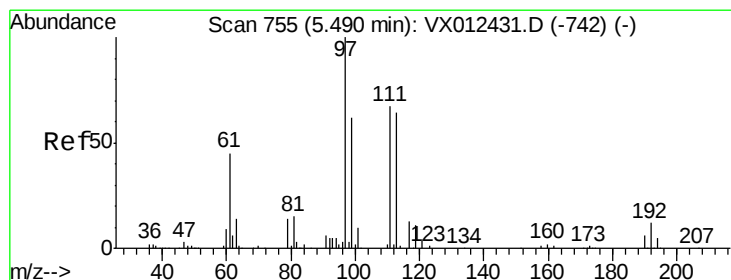
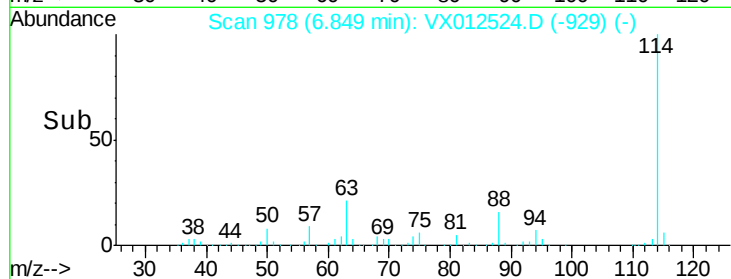
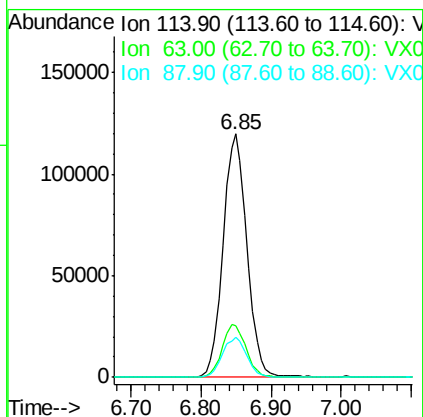
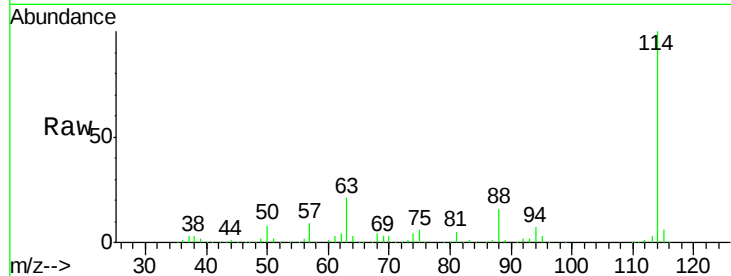




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012524.D
 Acq: 19 Sep 2019 13:37

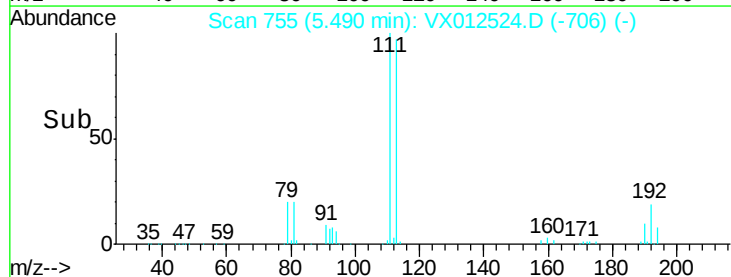
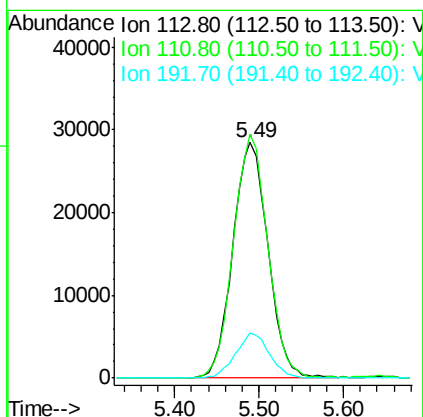
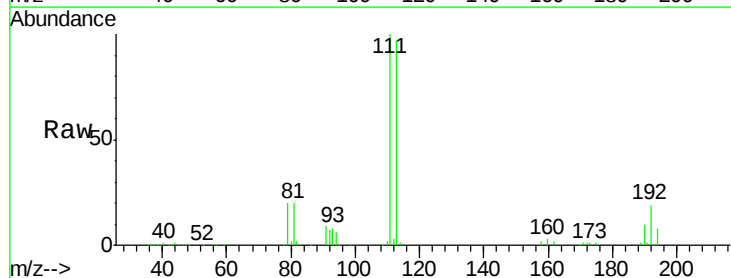
Instrument :
 MSVOA_X
 ClientSampleId :
 980-B-1-(24)

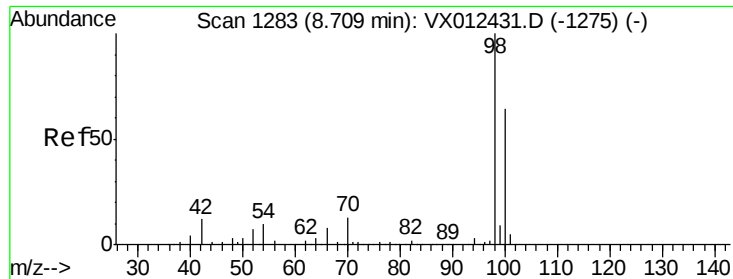
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	16.4	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 46.822 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012524.D
 Acq: 19 Sep 2019 13:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.4	125.2
192	18.5	14.4	21.6

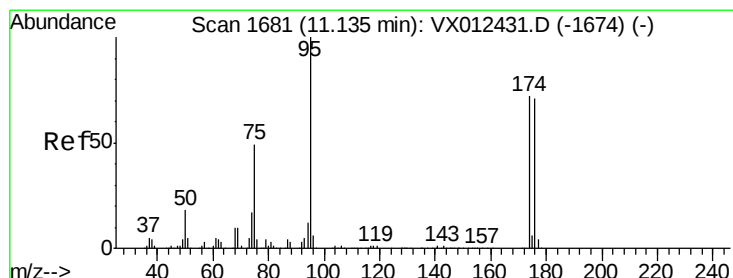
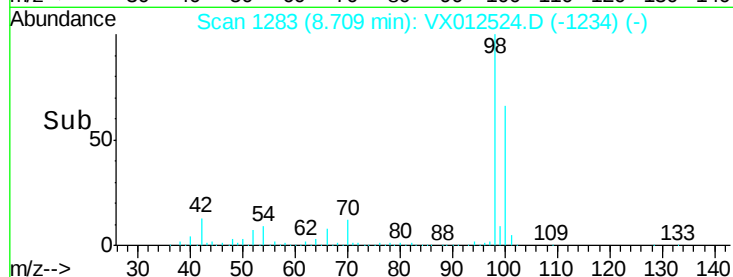
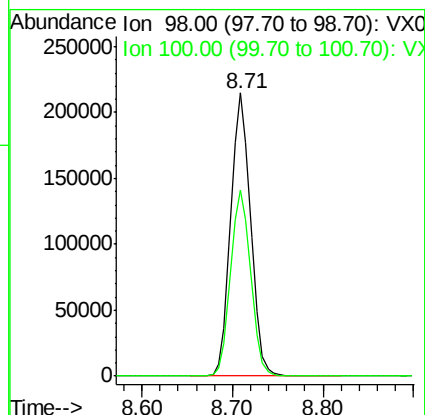
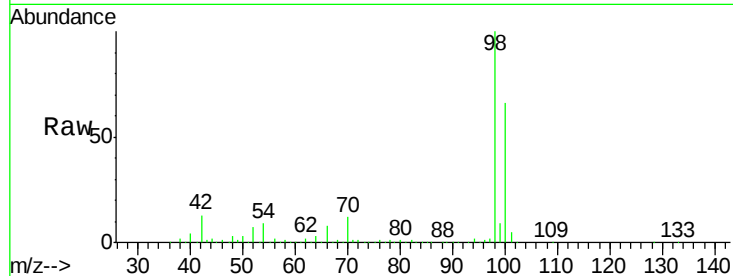




#50
Toluene-d8
Concen: 51.621 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012524.D
Acq: 19 Sep 2019 13:37

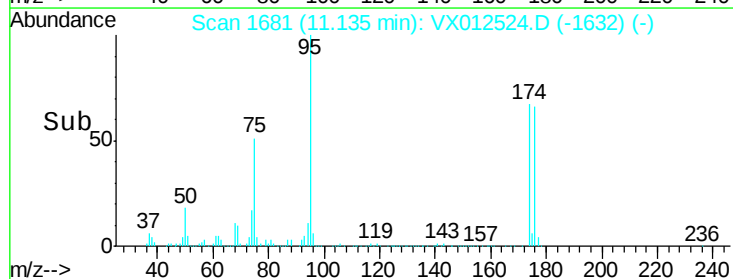
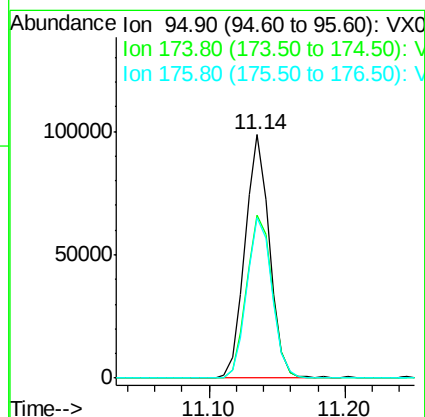
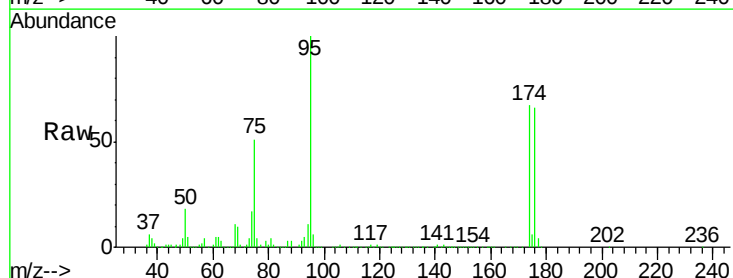
Instrument :
MSVOA_X
ClientSampleId :
980-B-1-(24)

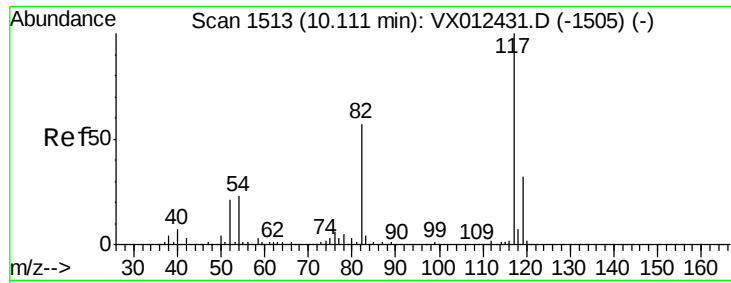
Tot Ion: 98 Resp: 328335
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 46.757 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012524.D
Acq: 19 Sep 2019 13:37

Tgt Ion: 95 Resp: 123481
Ion Ratio Lower Upper
95 100
174 70.4 0.0 140.0
176 68.4 0.0 135.4

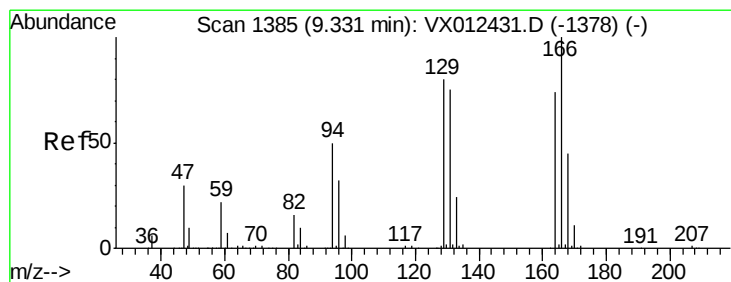
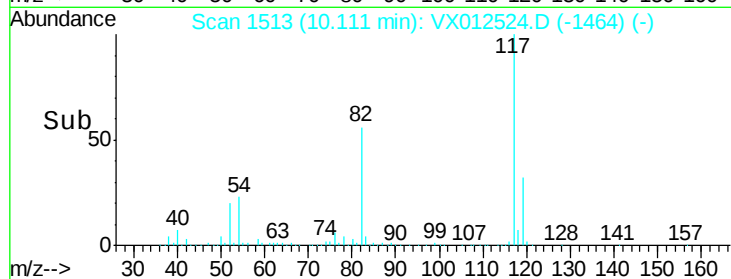
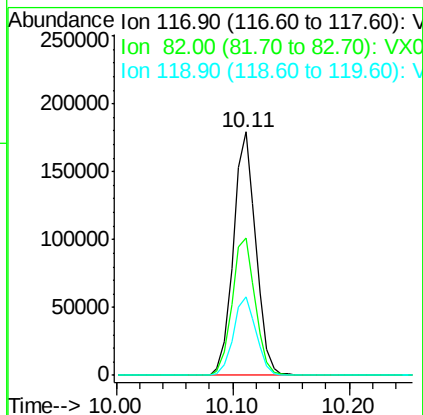
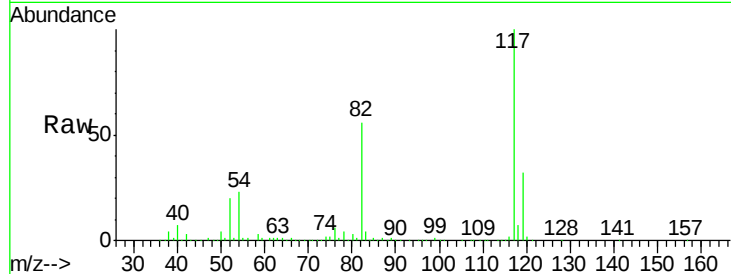




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012524.D
Acq: 19 Sep 2019 13:37

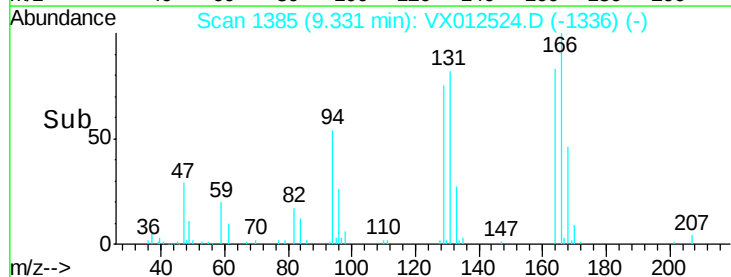
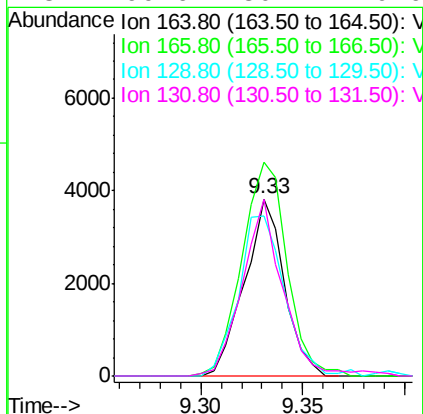
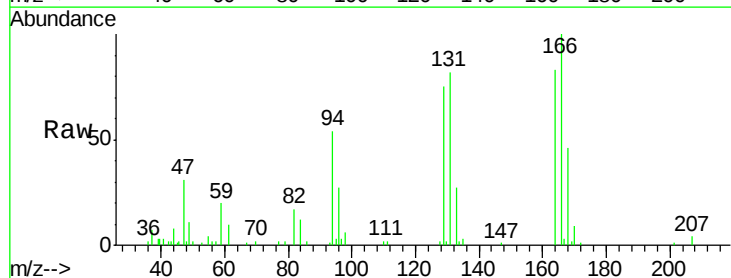
Instrument :
MSVOA_X
ClientSampleId :
980-B-1-(24)

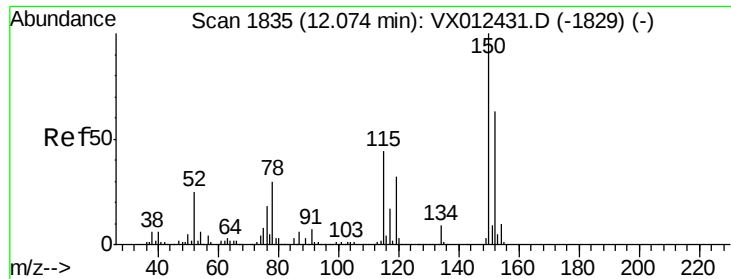
Tot Ion:117 Resp: 240713
Ion Ratio Lower Upper
117 100
82 56.3 45.9 68.9
119 32.4 25.3 37.9



#64
Tetrachloroethene
Concen: 4.691 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012524.D
Acq: 19 Sep 2019 13:37

Tgt Ion:164 Resp: 5174
Ion Ratio Lower Upper
164 100
166 120.9 107.8 161.6
129 90.7 86.2 129.2
131 99.6 80.4 120.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012524.D

Acq: 19 Sep 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

980-B-1-(24)

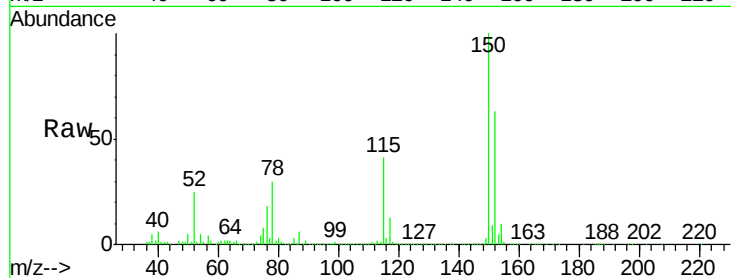
Tot Ion:152 Resp: 110021

Ion Ratio Lower Upper

152 100

115 62.7 44.1 132.3

150 156.0 0.0 343.8



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

