

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012295.D
 Acq On : 11 Sep 2019 11:54
 Operator : SY/SP
 Sample : K4696-01
 Misc : 5.07g/5.0mL/MSVOA X/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WS-SB04-3.0-3.5

Quant Time: Sep 13 04:54:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	113851	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	107015	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
35) Dibromofluoromethane	5.48	113	81997	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
50) Toluene-d8	8.71	98	334947	53.54	ug/l	0.00
Spiked Amount			Recovery	=	107.08%	
62) 4-Bromofluorobenzene	11.13	95	132523	45.69	ug/l	0.00
Spiked Amount			Recovery	=	91.38%	

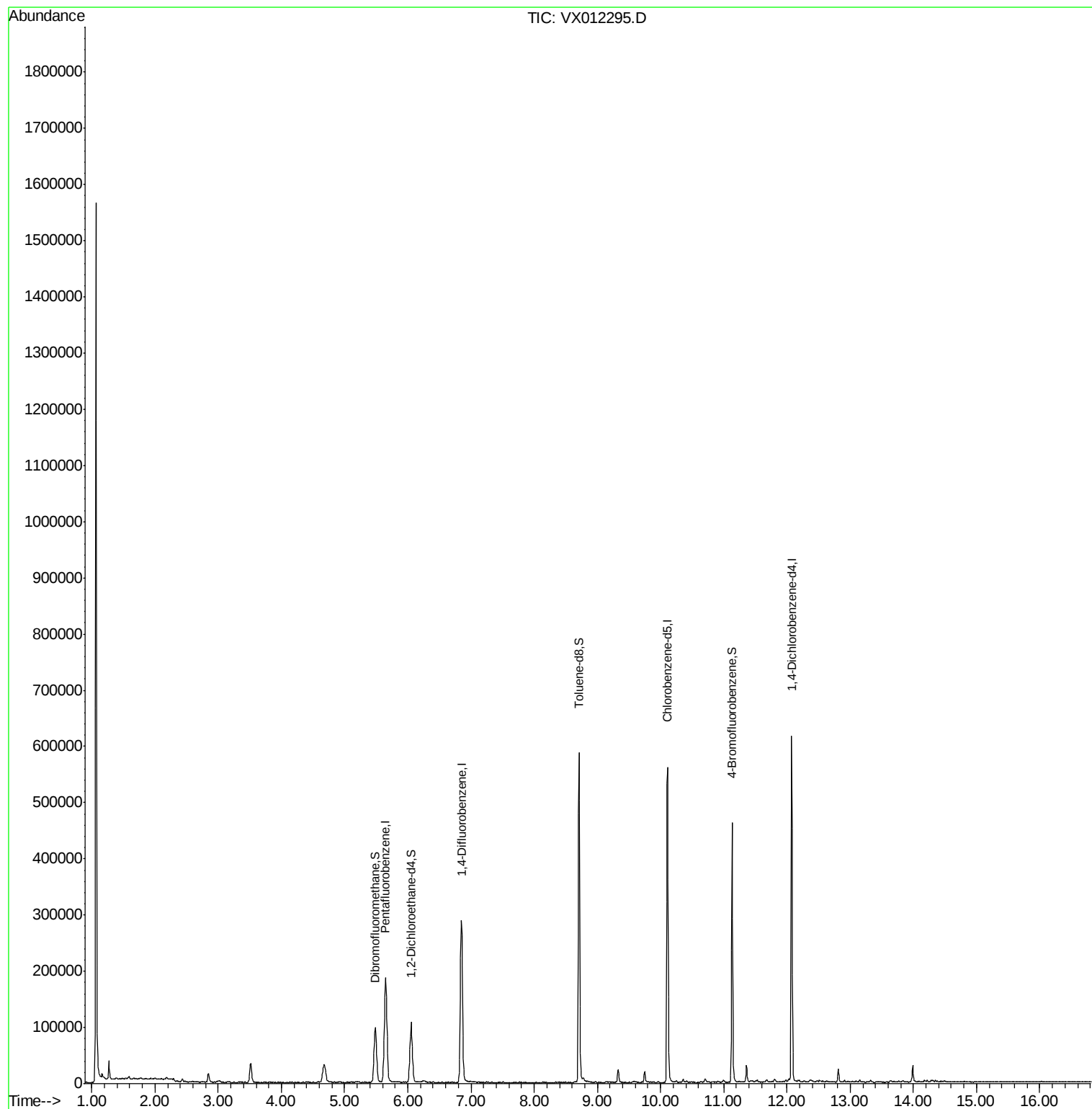
Target Compounds	Qvalue

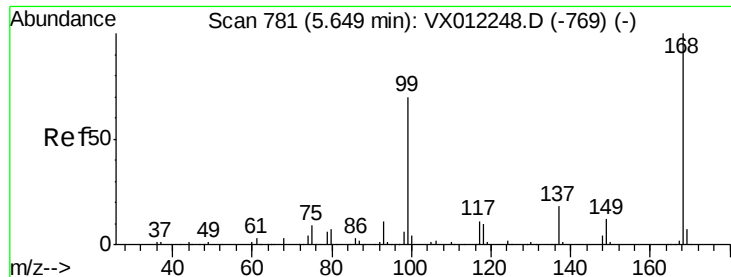
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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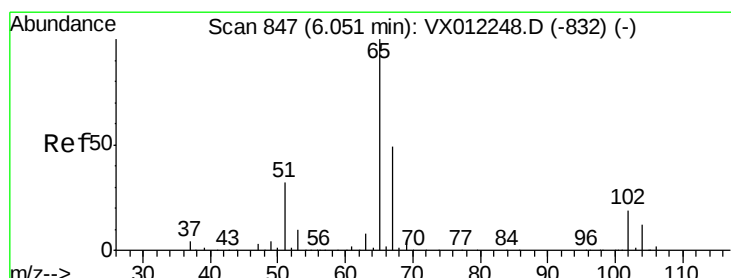
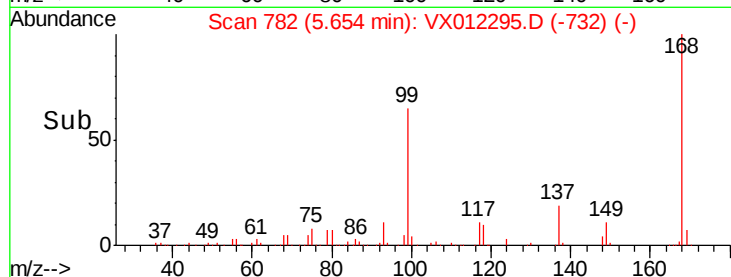
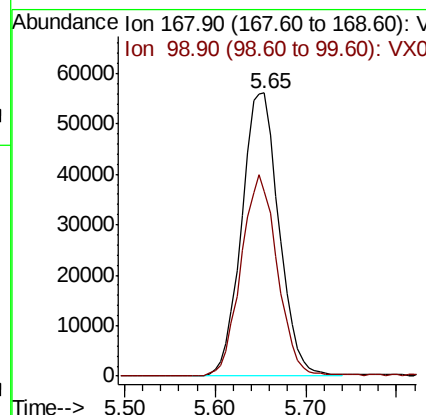
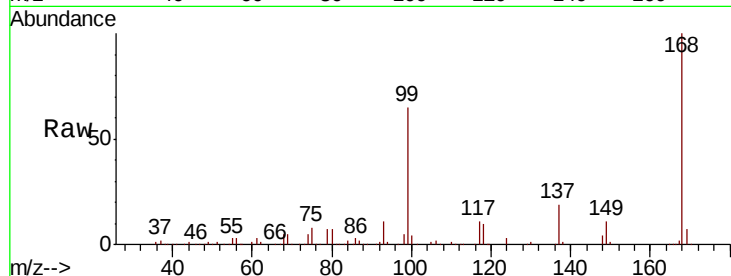




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012295.D
Acq: 11 Sep 2019 11:54

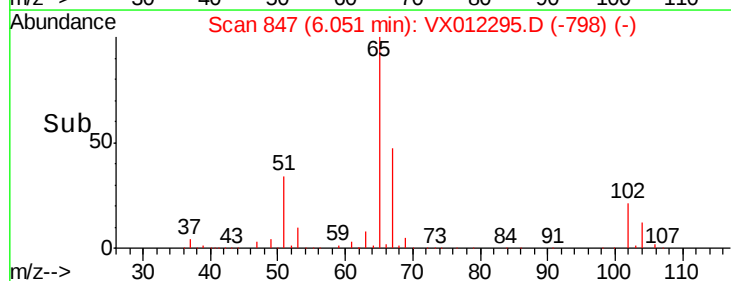
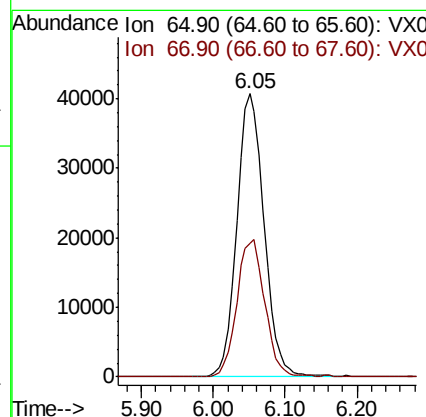
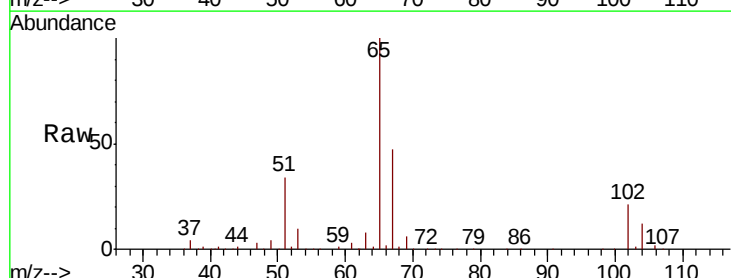
Instrument :
MSVOA_X
ClientSampleId :
WS-SB04-3.0-3.5

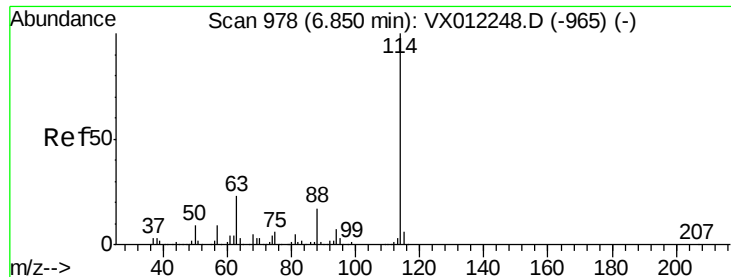
Tot Ion:168 Resp: 159918
Ion Ratio Lower Upper
168 100
99 65.3 55.8 83.6



#33
1,2-Dichloroethane-d4
Concen: 47.332 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012295.D
Acq: 11 Sep 2019 11:54

Tgt Ion: 65 Resp: 107015
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012295.D

Acq: 11 Sep 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

WS-SB04-3.0-3.5

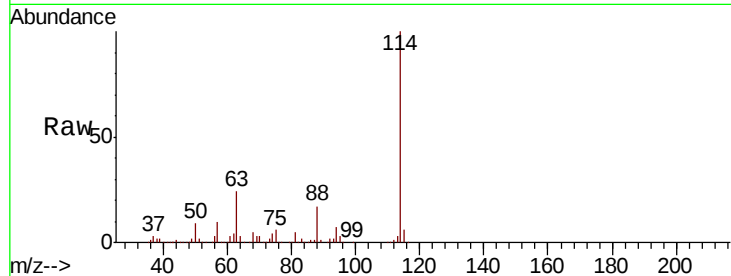
Tot Ion:114 Resp: 278260

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.2

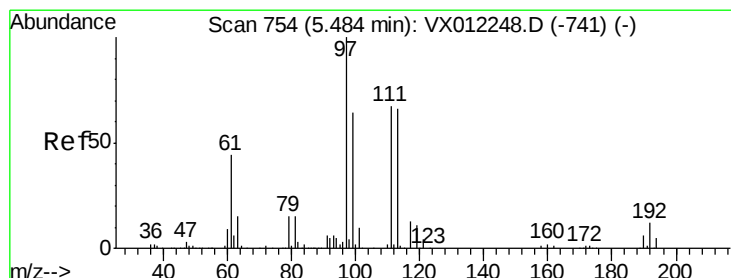
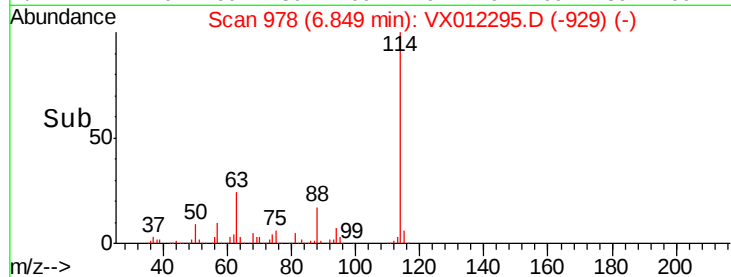
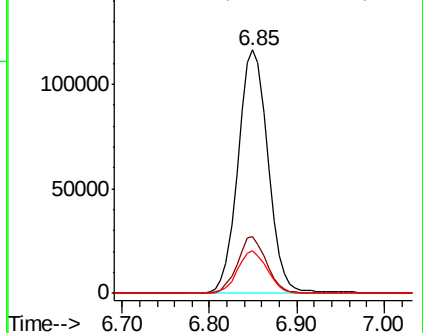
88 17.5 0.0 34.8



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: 45.968 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012295.D

Acq: 11 Sep 2019 11:54

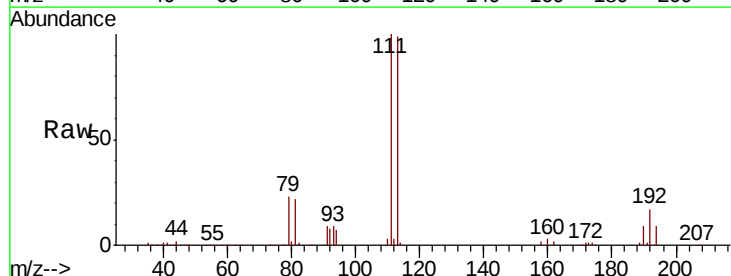
Tgt Ion:113 Resp: 81997

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

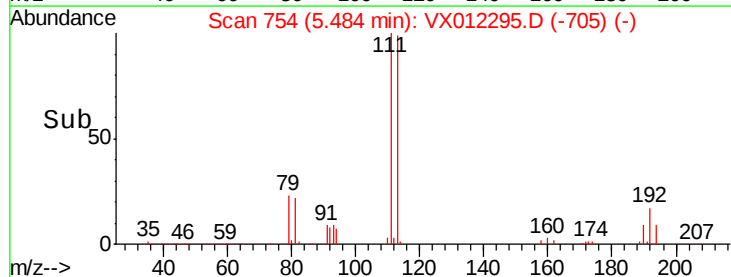
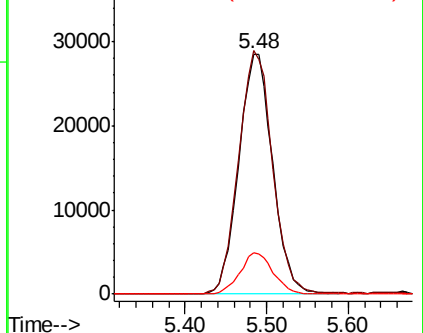
192 17.0 14.3 21.5

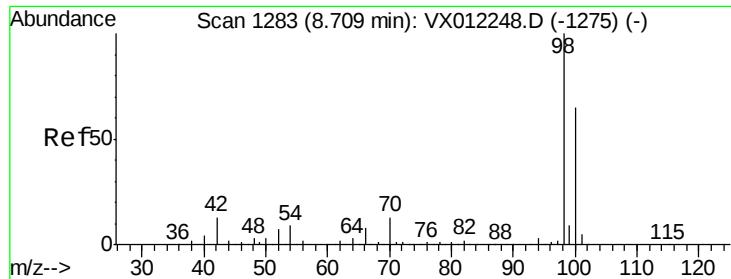


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

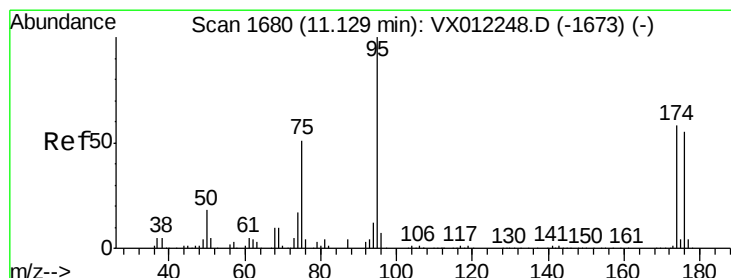
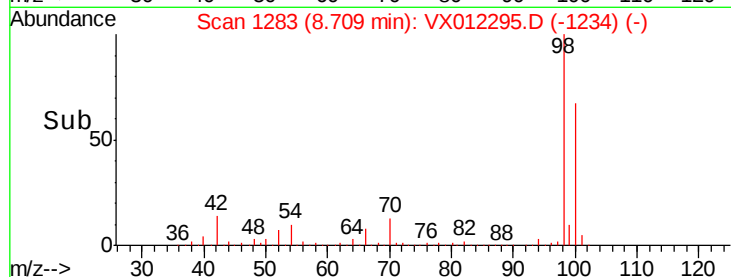
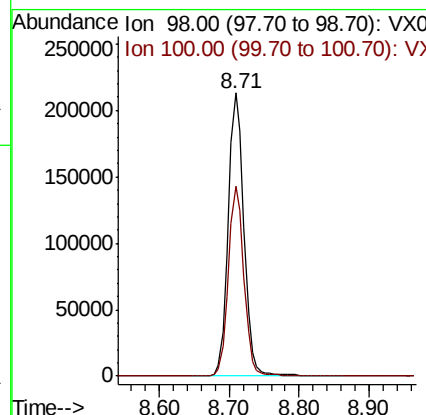
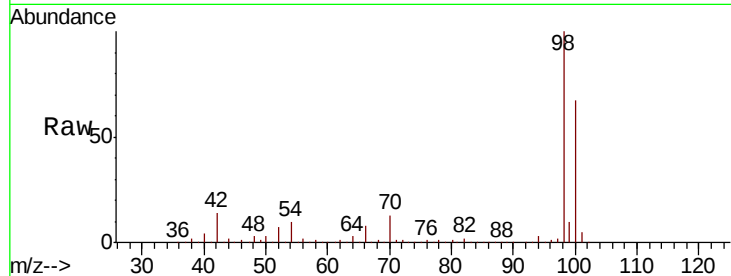




#50
Toluene-d8
Concen: 53.537 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012295.D
Acq: 11 Sep 2019 11:54

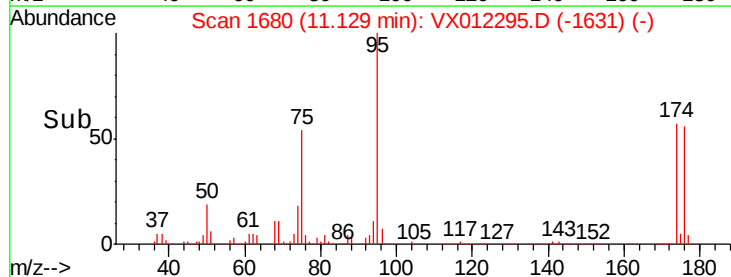
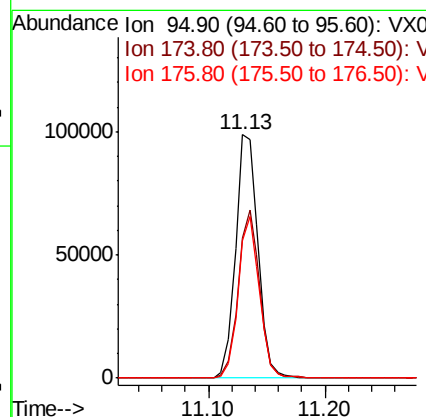
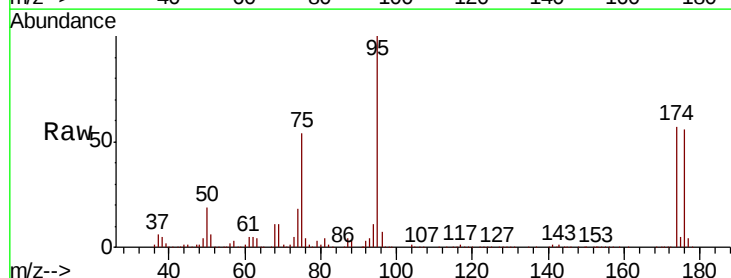
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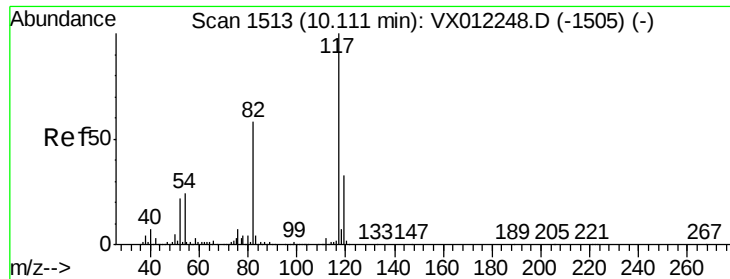
Tot Ion: 98 Resp: 334947
Ion Ratio Lower Upper
98 100
100 66.6 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 45.691 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX012295.D
Acq: 11 Sep 2019 11:54

Tgt Ion: 95 Resp: 132523
Ion Ratio Lower Upper
95 100
174 65.8 0.0 127.0
176 62.8 0.0 125.8

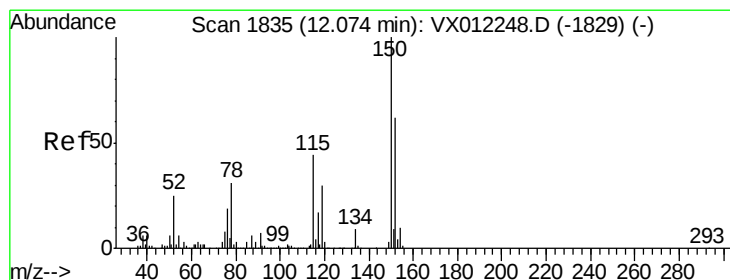
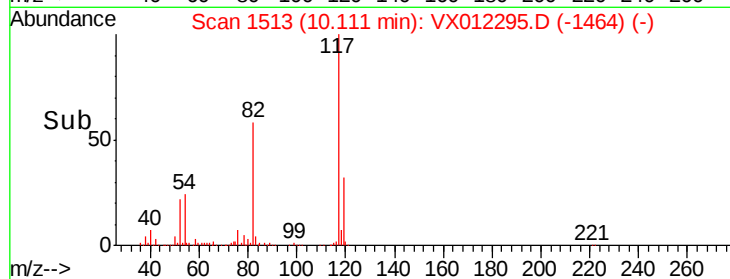
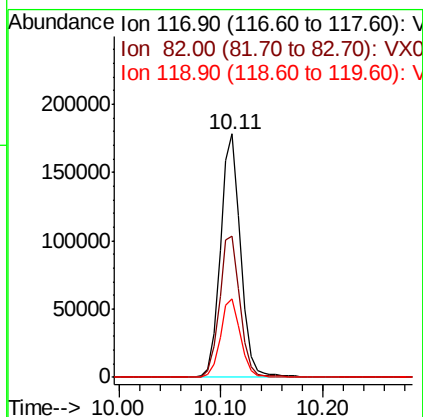
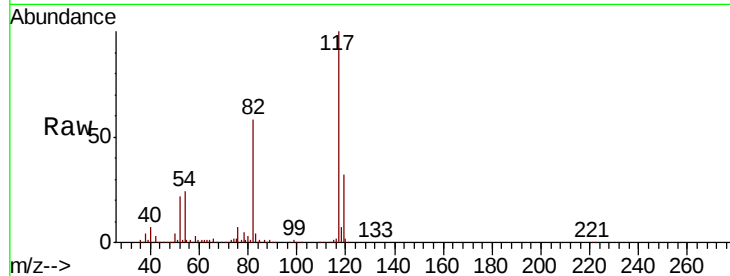




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012295.D
Acq: 11 Sep 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
WS-SB04-3.0-3.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.4	69.6
119	32.3	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012295.D
Acq: 11 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	45.5	136.4
150	158.9	0.0	346.4

