

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012254.D
 Acq On : 10 Sep 2019 14:36
 Operator : SY/SP
 Sample : K4624-01
 Misc : 4.19g/5.0mL/MSVOA X/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-E4-(0)

Quant Time: Sep 11 01:52:31 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	174894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	308123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102402	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	120210	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	5.48	113	92677	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	8.71	98	360062	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.14	95	132626	41.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.58%	

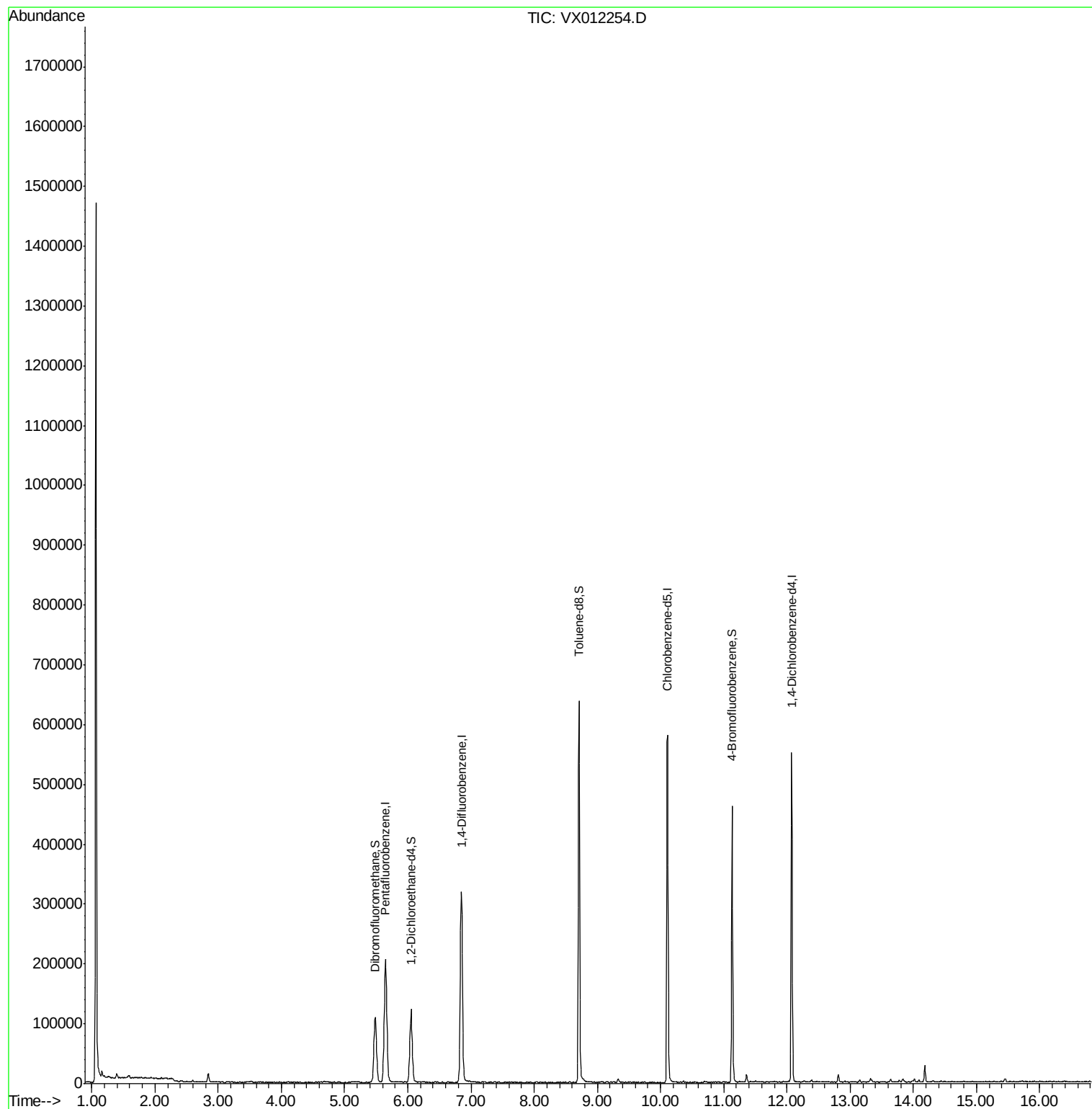
Target Compounds	Qvalue

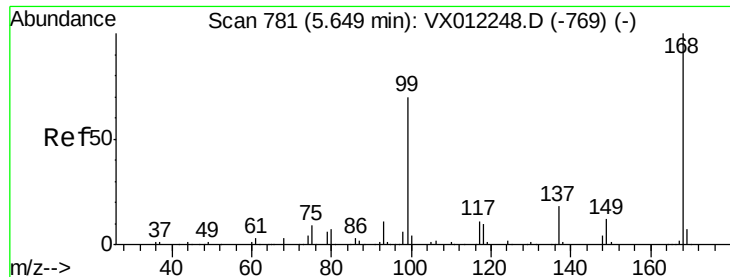
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012254.D

Acq: 10 Sep 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

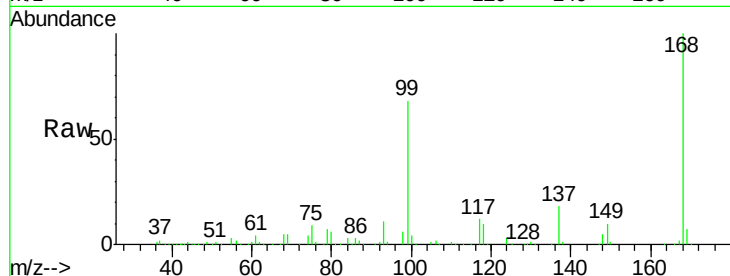
PAR-11-E4-(0)

Tot Ion:168 Resp: 174894

Ion Ratio Lower Upper

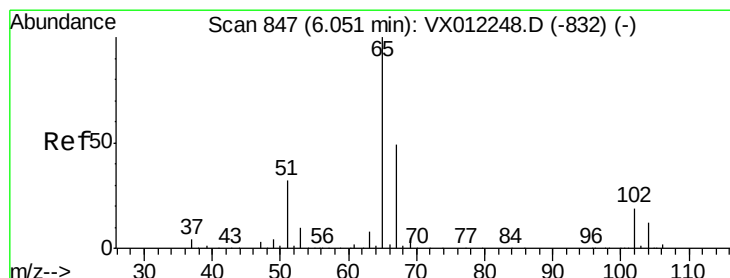
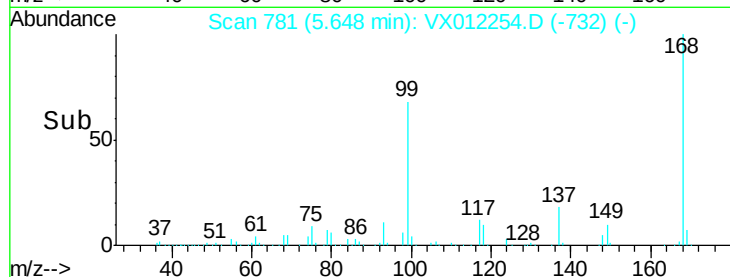
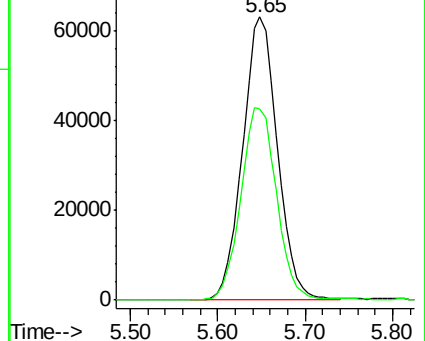
168 100

99 67.7 55.8 83.6



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: 48.616 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012254.D

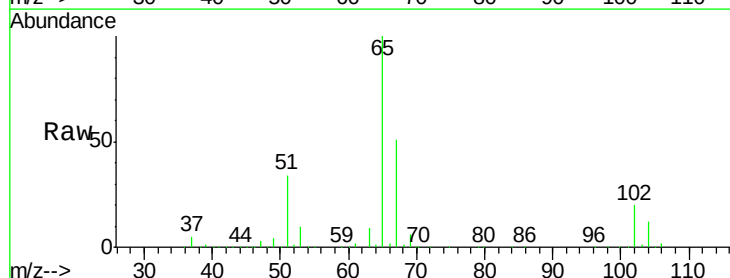
Acq: 10 Sep 2019 14:36

Tgt Ion: 65 Resp: 120210

Ion Ratio Lower Upper

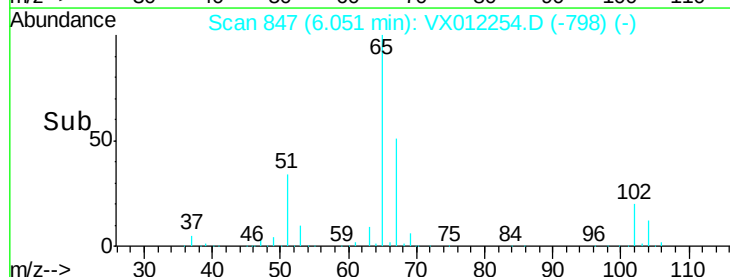
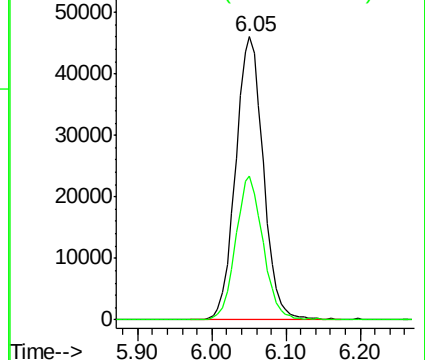
65 100

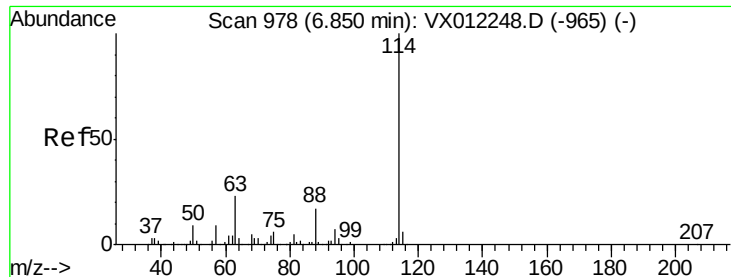
67 50.0 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

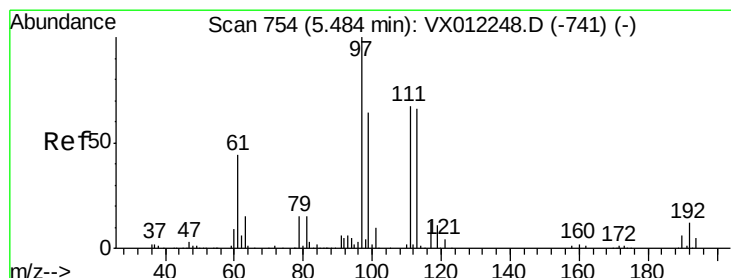
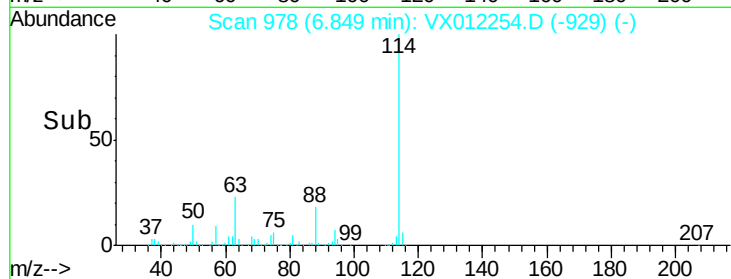
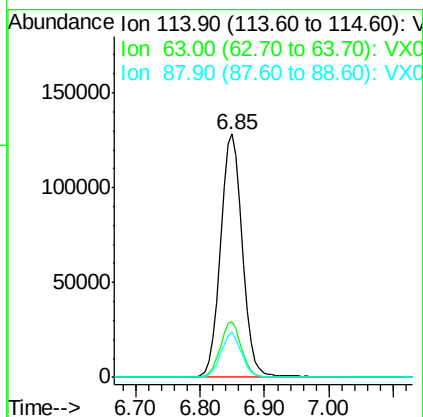
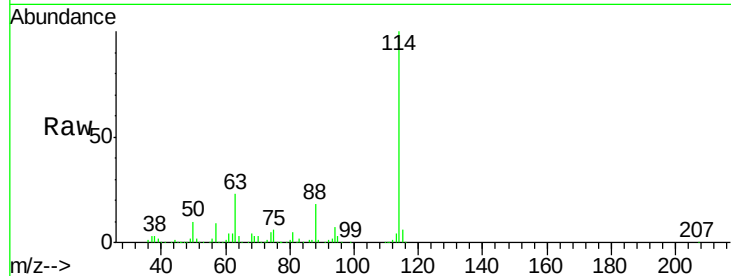




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012254.D
 Acq: 10 Sep 2019 14:36

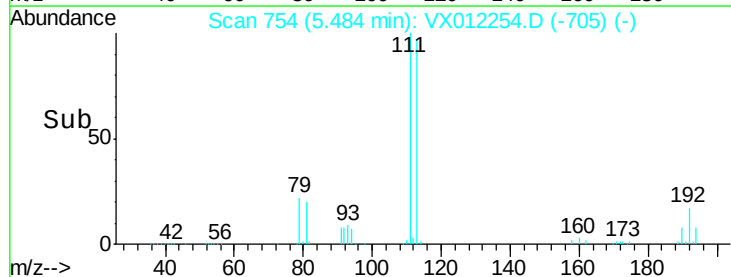
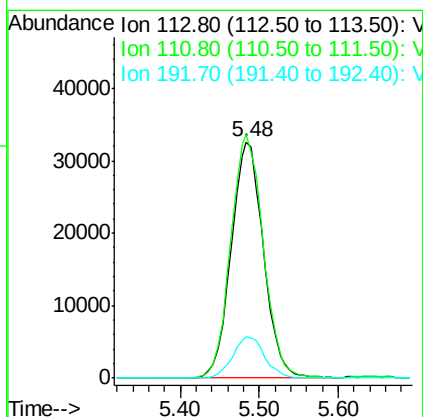
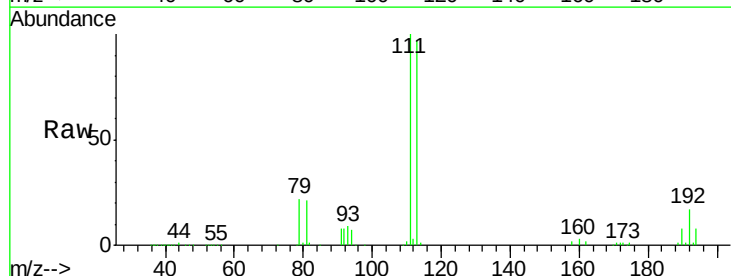
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 PAR-11-E4-(0)

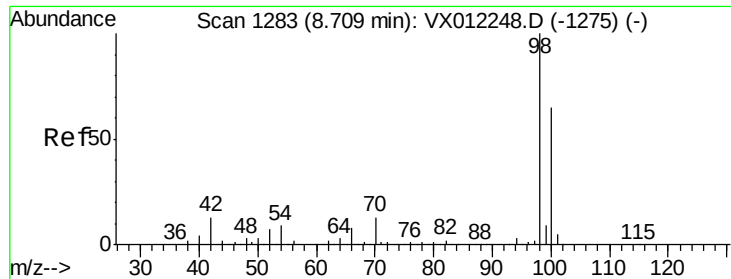
Tot Ion:	114	Resp:	308123
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.2
88	18.3	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 46.920 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012254.D
 Acq: 10 Sep 2019 14:36

Tgt Ion:	113	Resp:	92677
Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.0	124.6
192	17.4	14.3	21.5

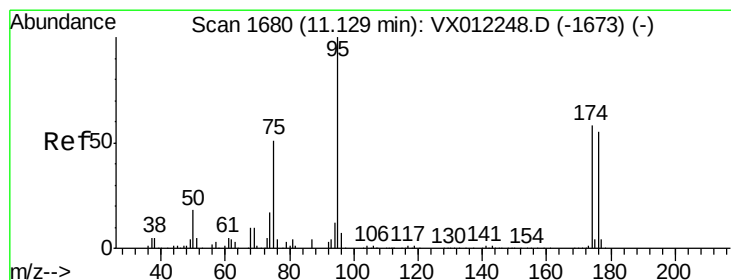
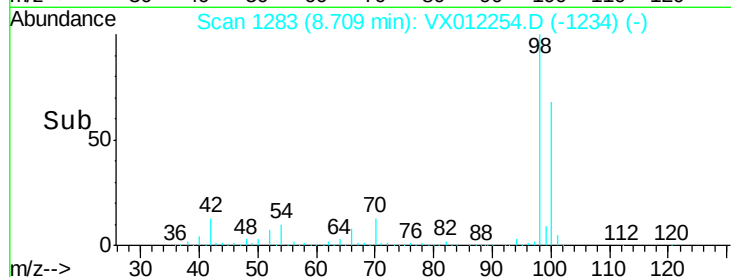
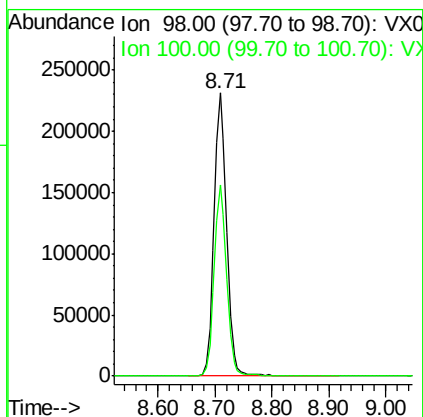
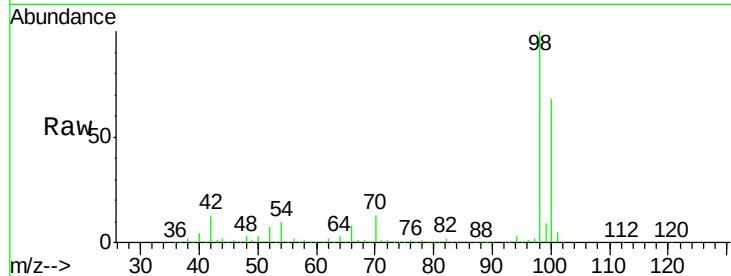




#50
Toluene-d8
Concen: 51.974 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012254.D
Acq: 10 Sep 2019 14:36

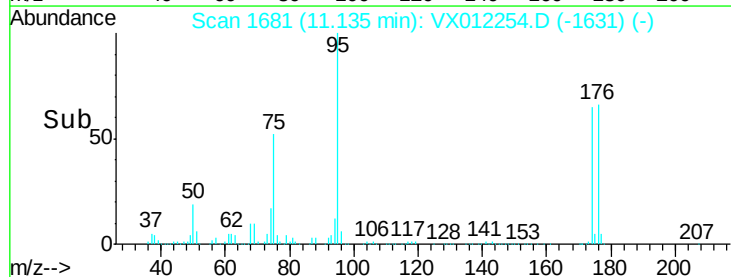
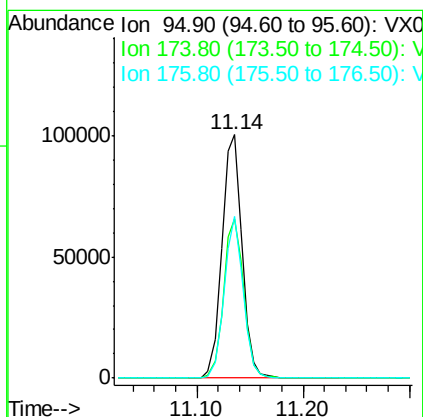
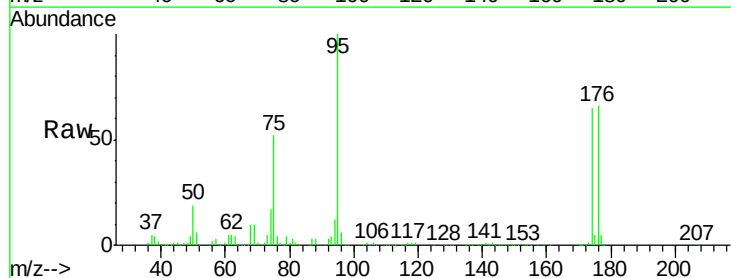
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E4-(0)

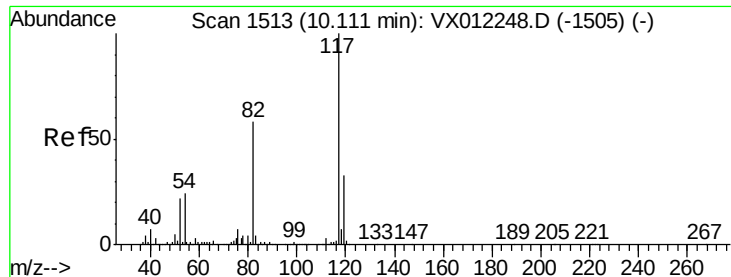
Tot Ion: 98 Resp: 360062
Ion Ratio Lower Upper
98 100
100 67.1 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 41.295 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012254.D
Acq: 10 Sep 2019 14:36

Tgt Ion: 95 Resp: 132626
Ion Ratio Lower Upper
95 100
174 65.4 0.0 127.0
176 62.8 0.0 125.8

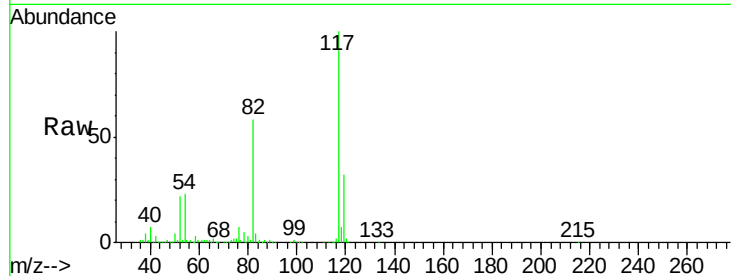




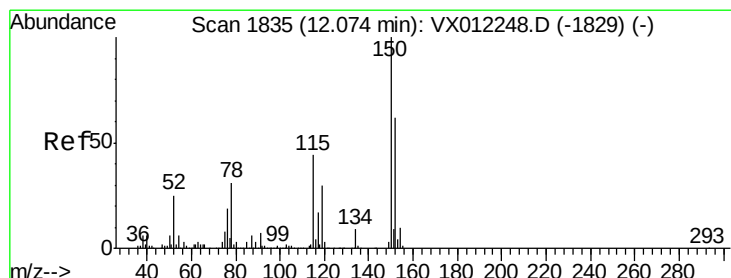
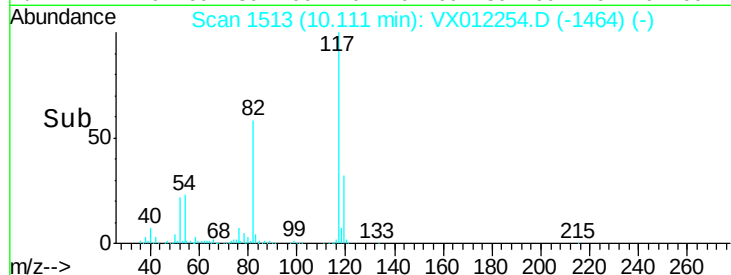
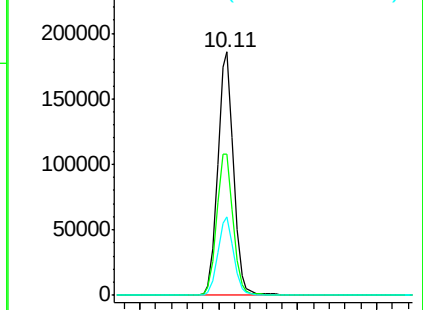
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012254.D
Acq: 10 Sep 2019 14:36

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E4-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.4	69.6
119	32.0	26.6	39.8

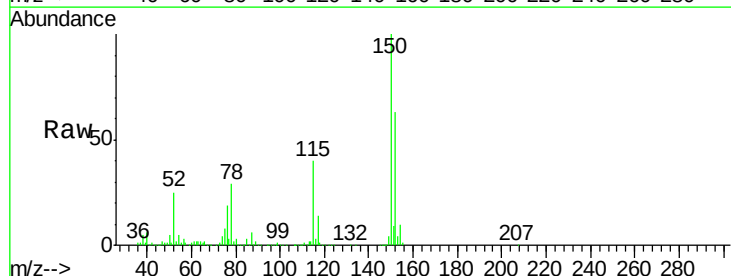


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012254.D
Acq: 10 Sep 2019 14:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.7	45.5	136.4
150	156.5	0.0	346.4



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

