

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012230.D
 Acq On : 08 Sep 2019 18:32
 Operator : SY/SP
 Sample : K4622-15
 Misc : 5.27g/5.0mL/MSVOA X/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B1-(4)

Quant Time: Sep 09 03:26:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

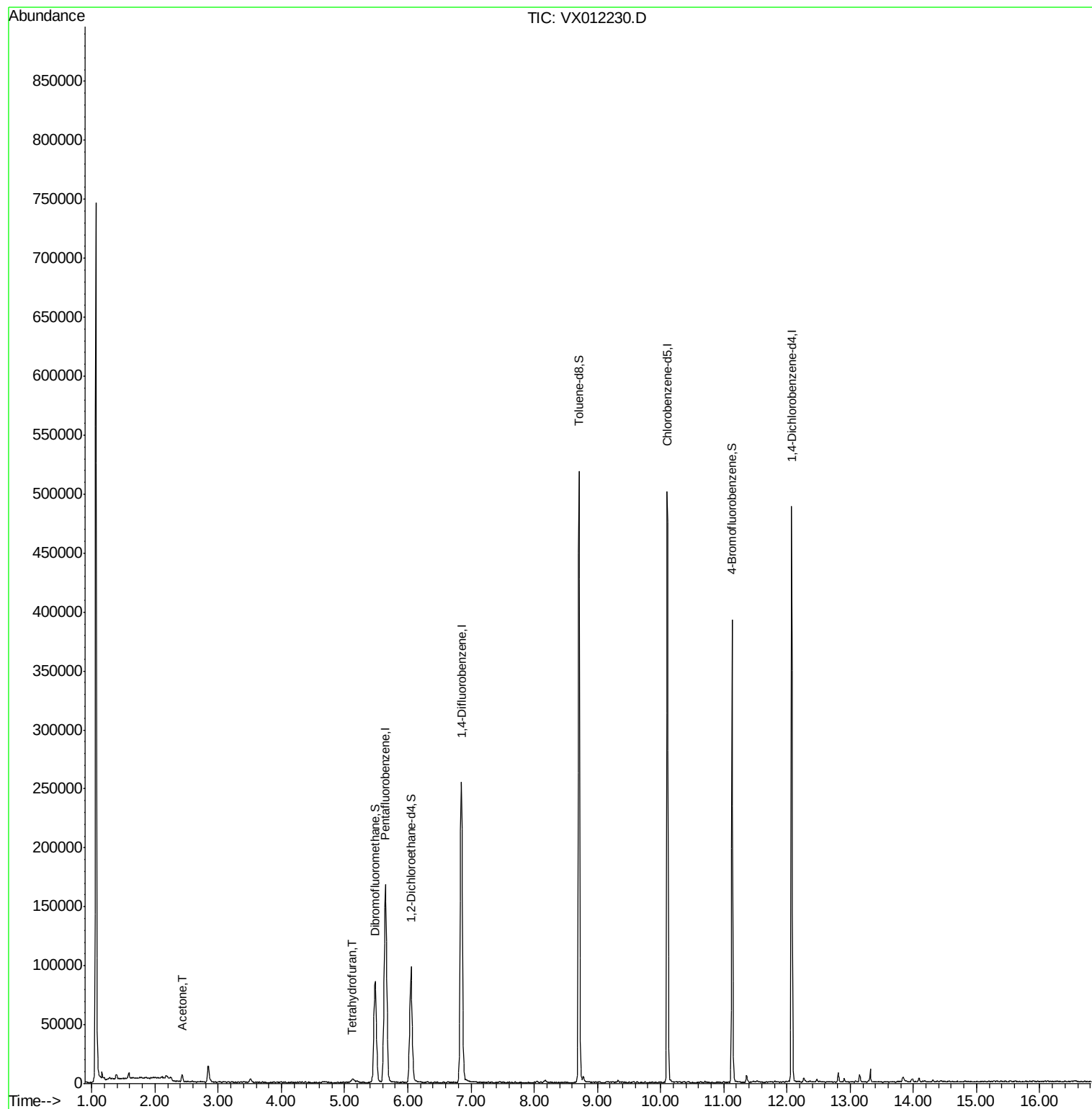
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	142797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	246350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	212765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	89043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	95831	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
35) Dibromofluoromethane	5.48	113	72887	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	8.71	98	289926	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	11.14	95	110700	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
Target Compounds						
16) Acetone	2.43	43	7705	16.361	ug/l	98
29) Tetrahydrofuran	5.12	42	2667	7.384	ug/l	89

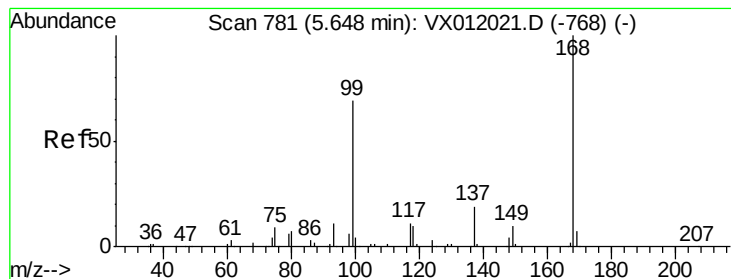
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012230.D

Acq: 08 Sep 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

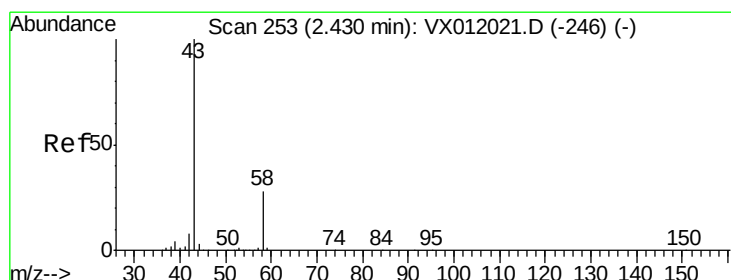
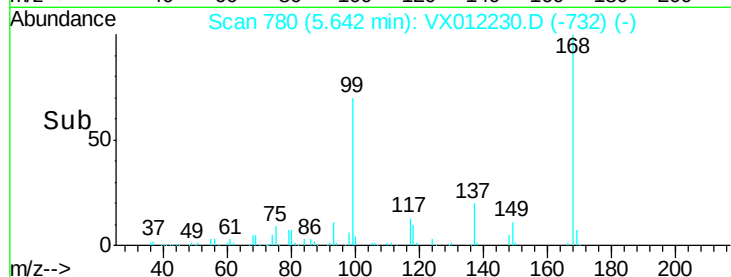
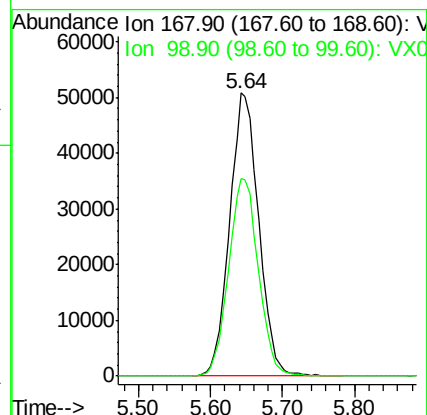
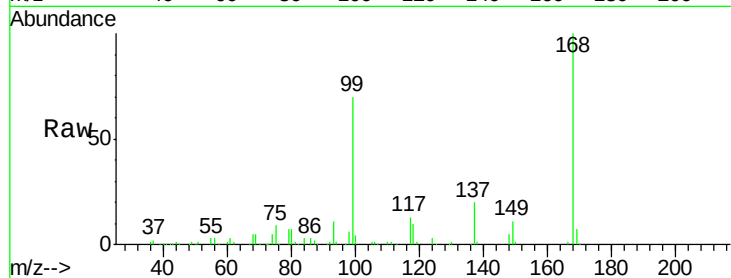
PAR-11-B1-(4)

Tot Ion:168 Resp: 142797

Ion Ratio Lower Upper

168 100

99 69.8 37.6 56.4#



#16

Acetone

Concen: 16.361 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012230.D

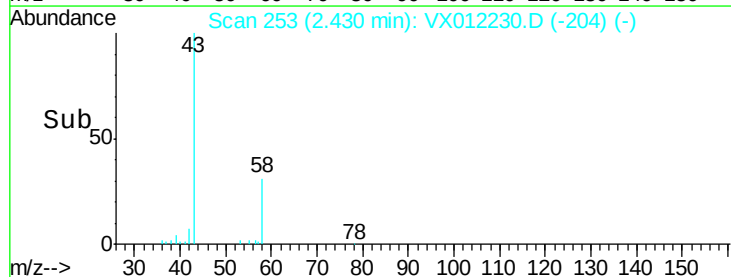
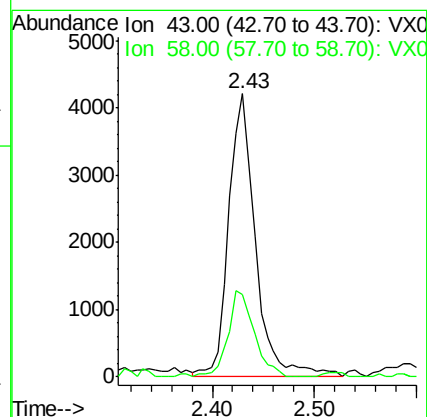
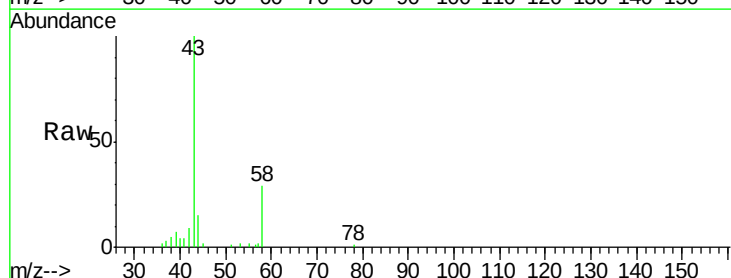
Acq: 08 Sep 2019 18:32

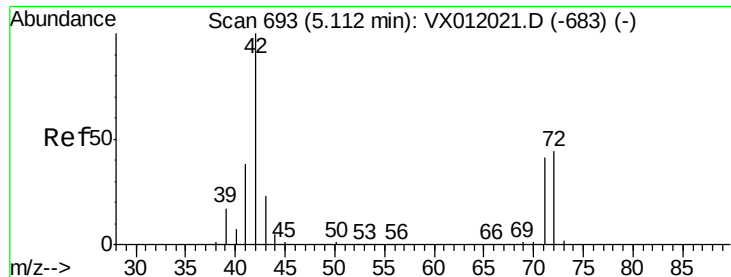
Tgt Ion: 43 Resp: 7705

Ion Ratio Lower Upper

43 100

58 29.3 22.8 34.2

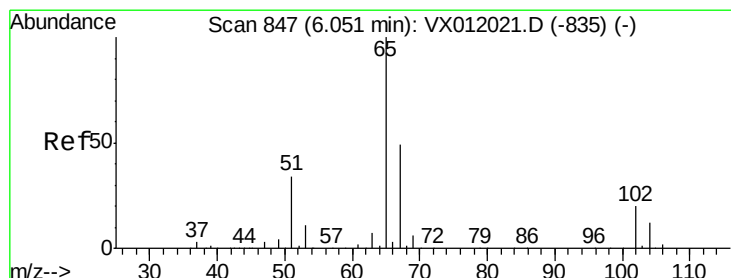
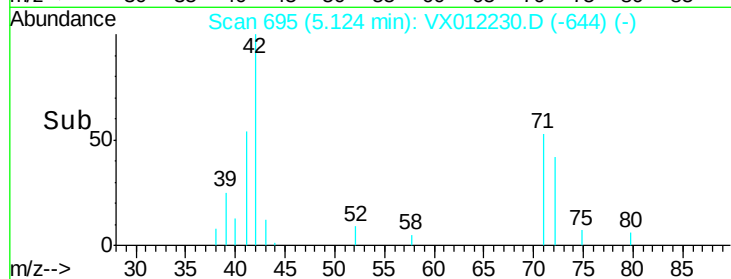
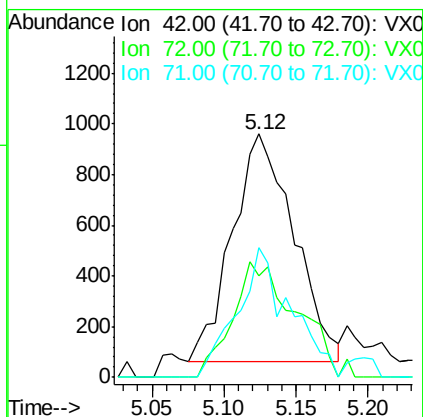
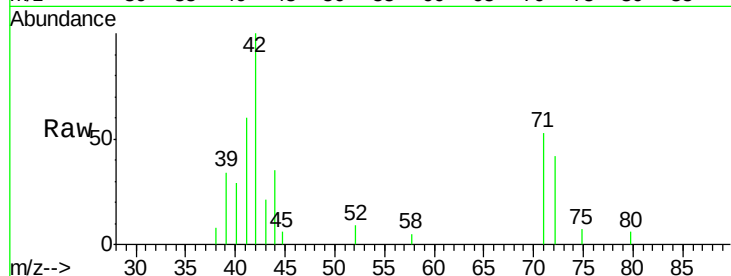




#29
Tetrahydrofuran
Concen: 7.384 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012230.D
Acq: 08 Sep 2019 18:32

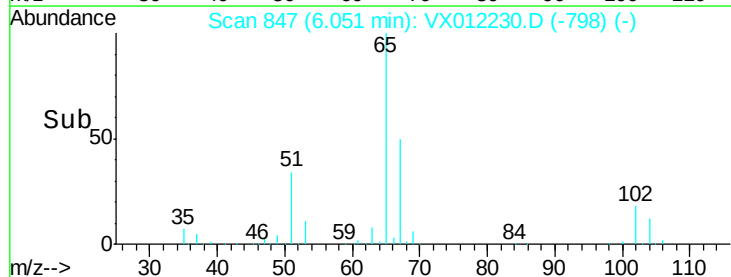
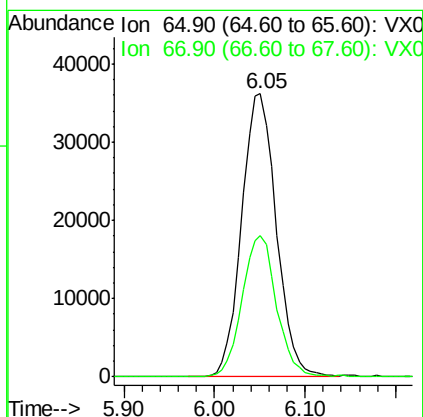
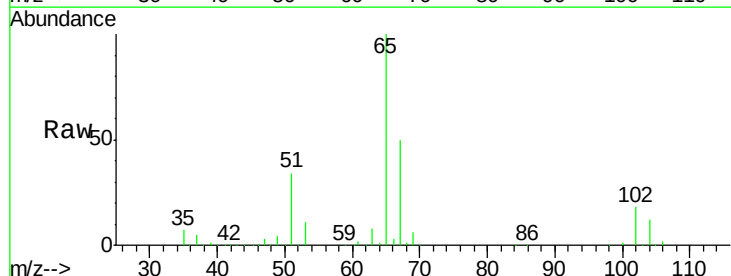
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B1-(4)

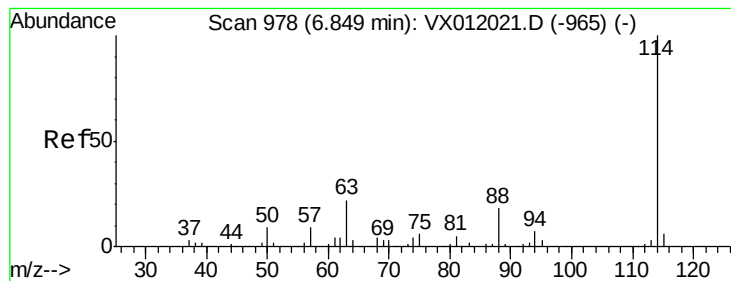
Tot Ion: 42 Resp: 2667
Ion Ratio Lower Upper
42 100
72 53.1 37.0 55.4
71 49.1 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 48.637 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012230.D
Acq: 08 Sep 2019 18:32

Tgt Ion: 65 Resp: 95831
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012230.D

Acq: 08 Sep 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B1-(4)

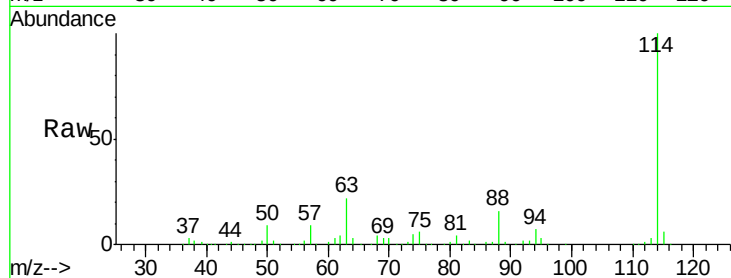
Tot Ion:114 Resp: 246350

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

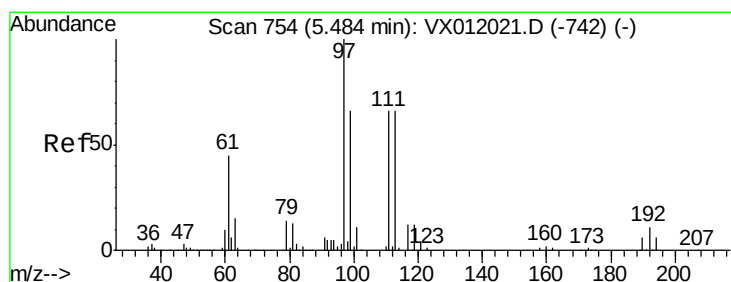
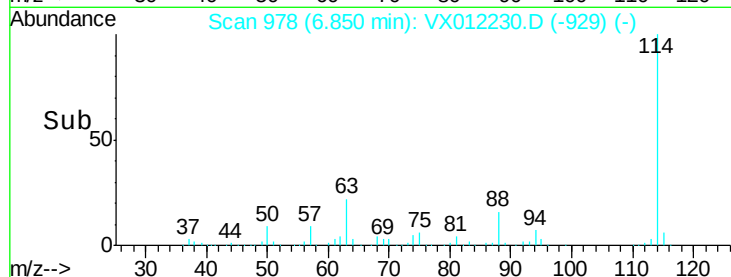
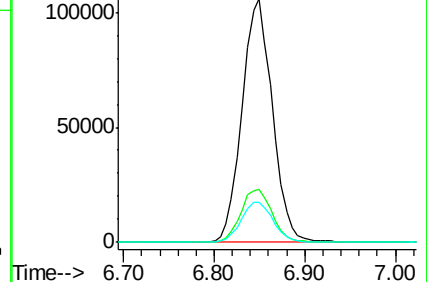
88 16.4 0.0 29.6



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: 48.111 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012230.D

Acq: 08 Sep 2019 18:32

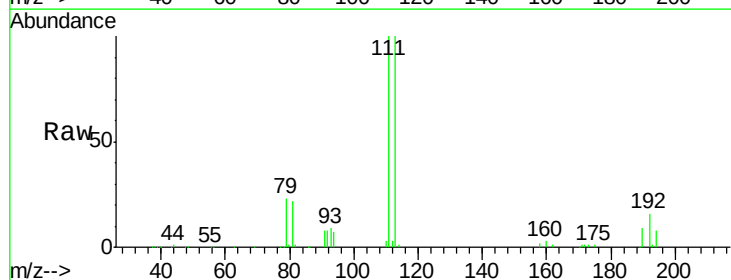
Tgt Ion:113 Resp: 72887

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

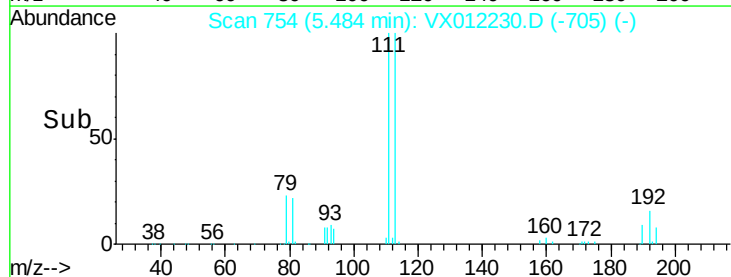
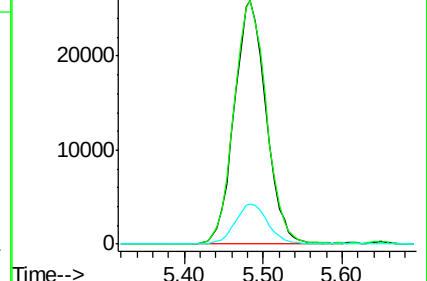
192 16.8 22.5 33.7#

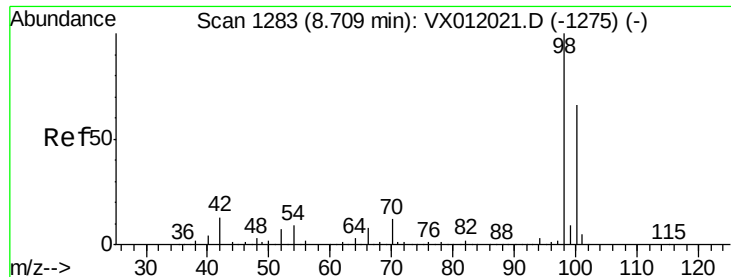


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

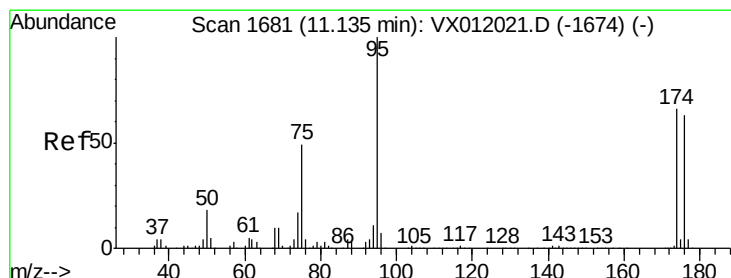
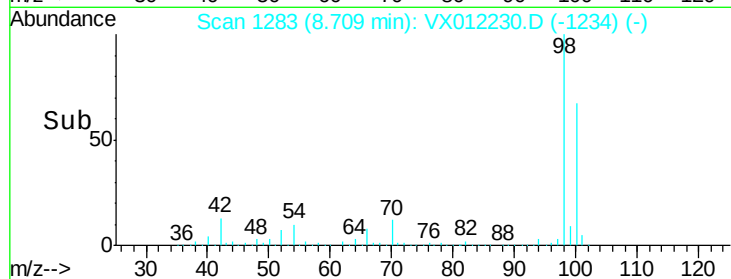
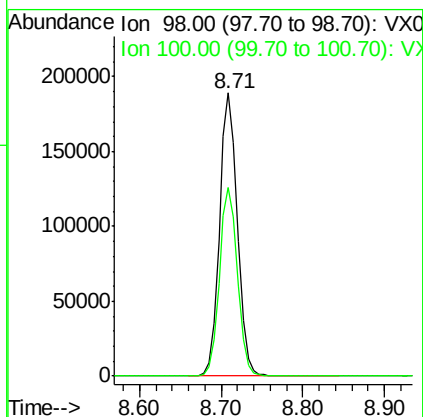
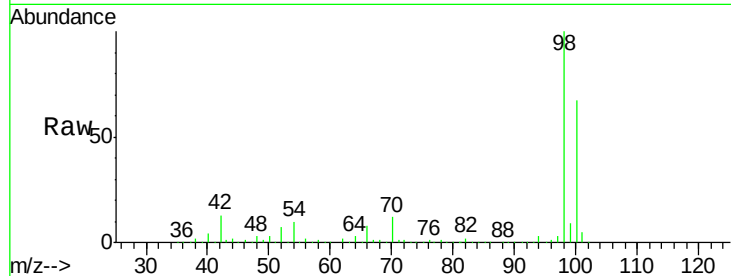




#50
Toluene-d8
Concen: 52.152 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012230.D
Acq: 08 Sep 2019 18:32

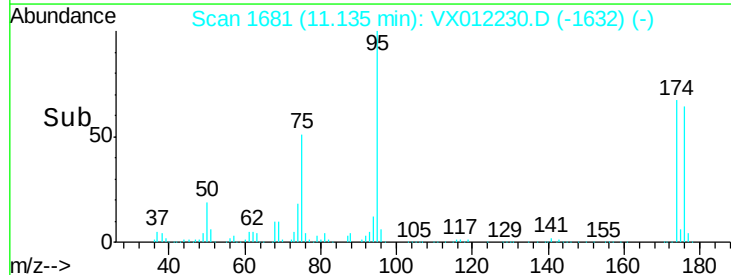
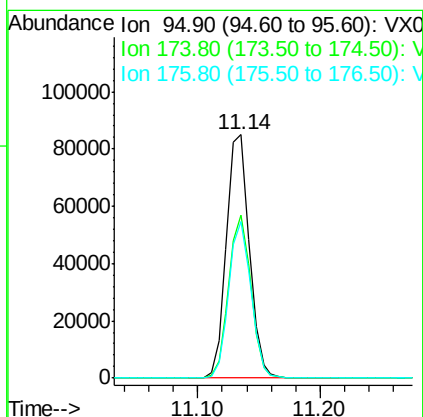
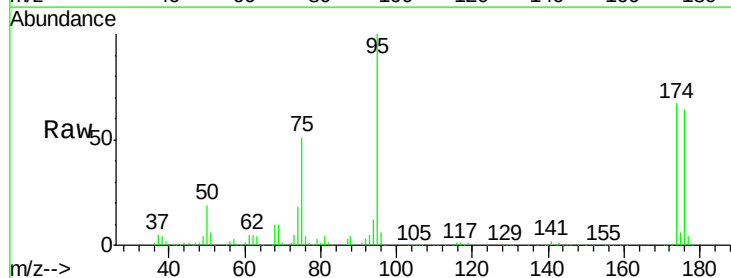
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MSVOA_X
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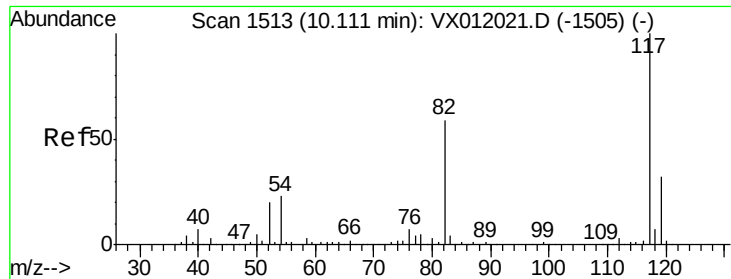
Tot Ion: 98 Resp: 289926
Ion Ratio Lower Upper
98 100
100 67.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 42.817 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012230.D
Acq: 08 Sep 2019 18:32

Tgt Ion: 95 Resp: 110700
Ion Ratio Lower Upper
95 100
174 64.6 0.0 205.4
176 62.0 0.0 201.8

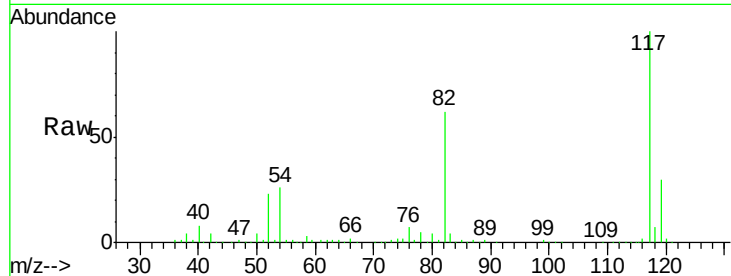




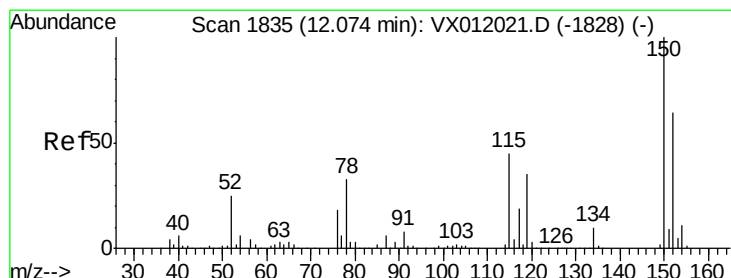
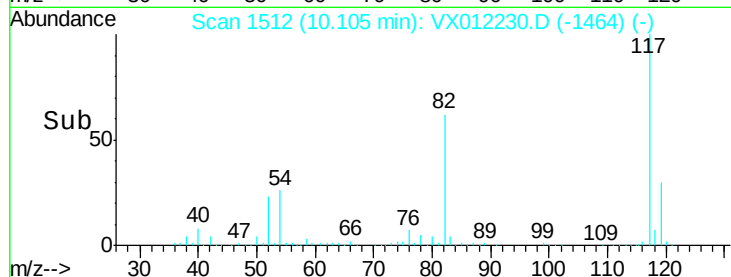
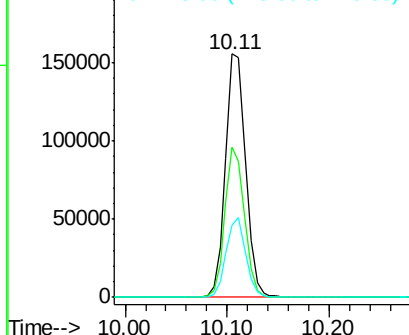
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012230.D
Acq: 08 Sep 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B1-(4)

Tot Ion:117 Resp: 212765
Ion Ratio Lower Upper
117 100
82 61.6 39.4 59.0#
119 29.9 26.1 39.1

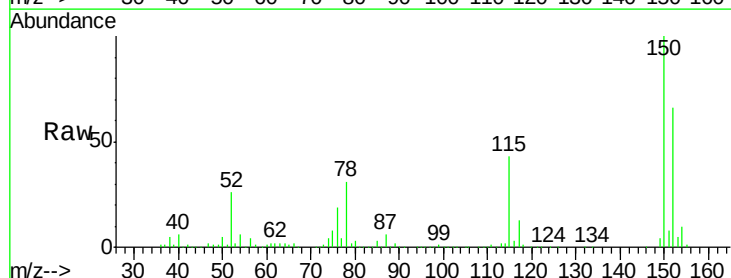


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012230.D
Acq: 08 Sep 2019 18:32

Tgt Ion:152 Resp: 89043
Ion Ratio Lower Upper
152 100
115 66.3 36.4 109.3
150 155.6 0.0 341.2



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

