

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012226.D
 Acq On : 08 Sep 2019 16:40
 Operator : SY/SP
 Sample : K4622-11
 Misc : 4.33g/5.0mL/MSVOA X/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B1-(0)

Quant Time: Sep 09 02:33:34 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

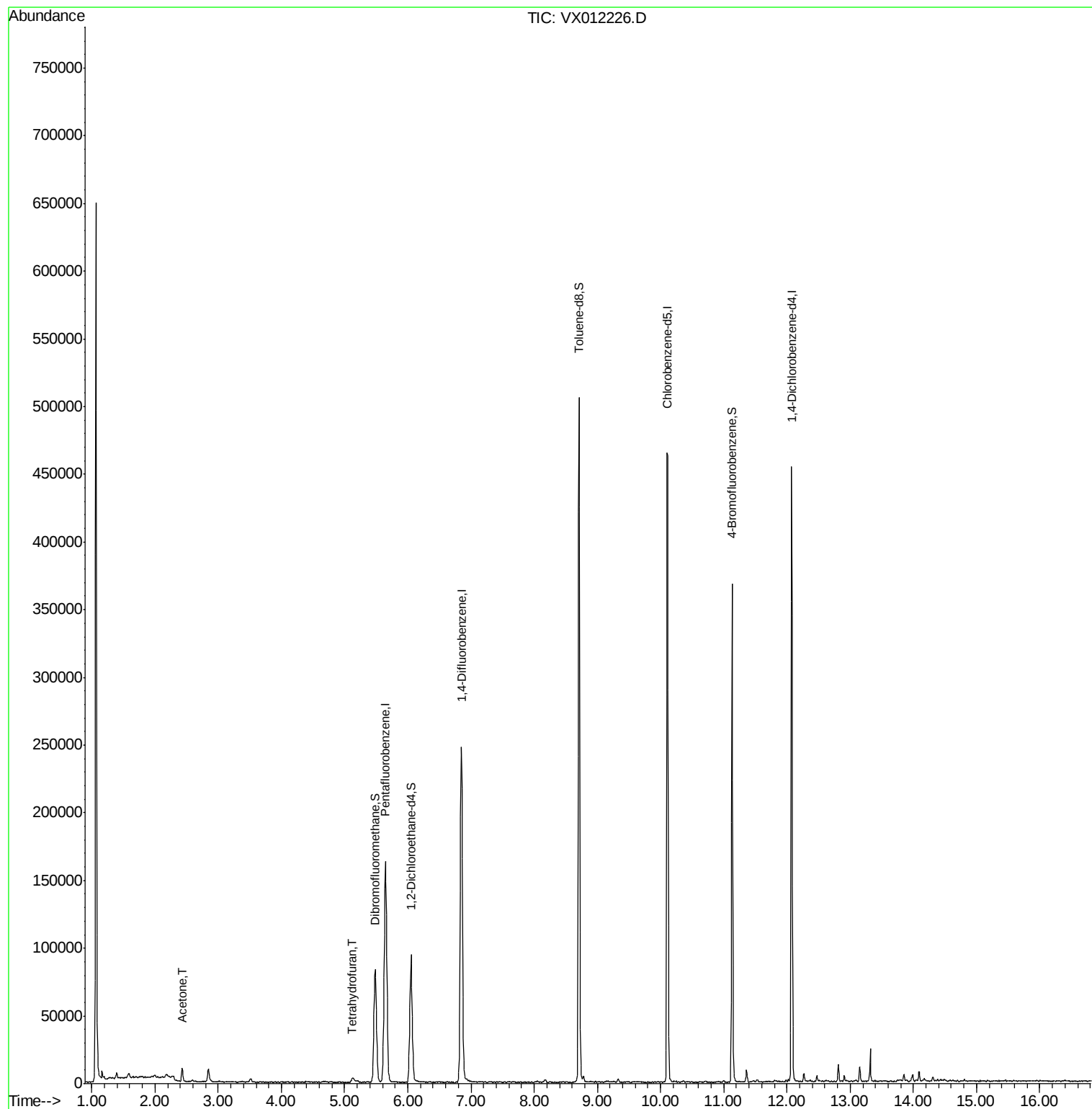
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	139196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	237607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	204567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	84244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	93706	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
35) Dibromofluoromethane	5.48	113	69574	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
50) Toluene-d8	8.71	98	283598	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.13	95	106076	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.08%	
Target Compounds						
16) Acetone	2.43	43	10297	22.430	ug/l	93
29) Tetrahydrofuran	5.12	42	3080	8.748	ug/l	96

(#) = 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

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Acq: 08 Sep 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

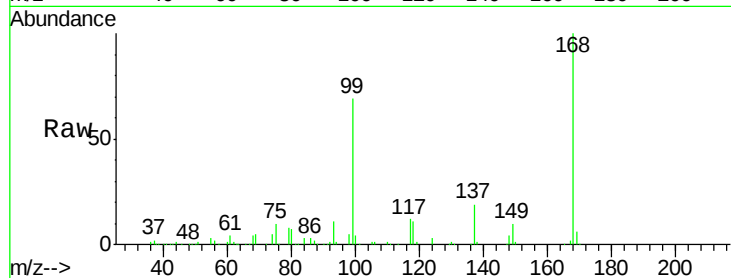
PAR-11-B1-(0)

Tot Ion:168 Resp: 139196

Ion Ratio Lower Upper

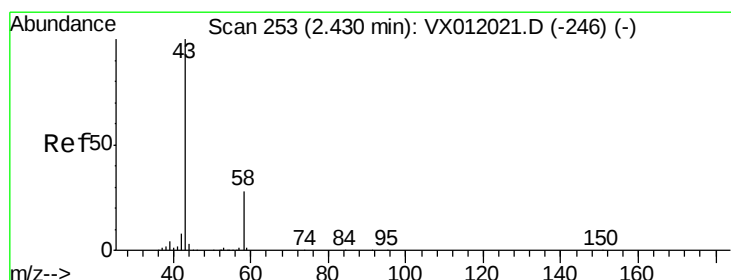
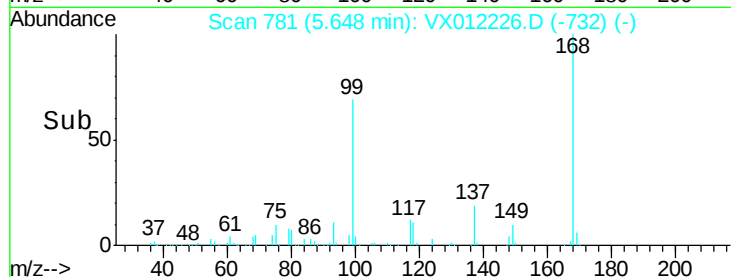
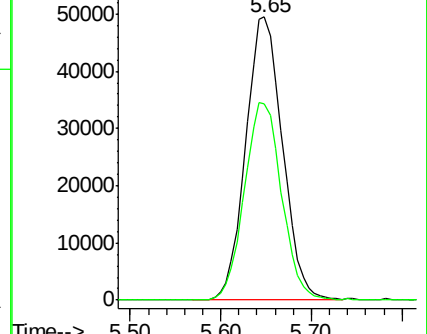
168 100

99 69.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 22.430 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012226.D

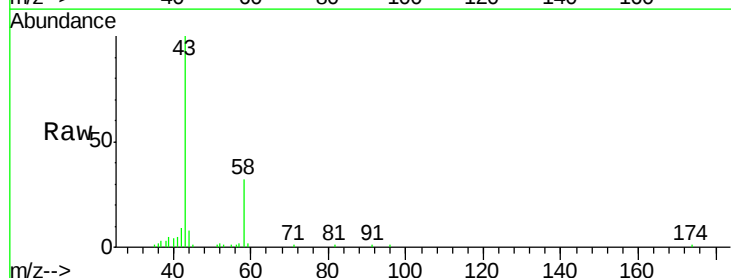
Acq: 08 Sep 2019 16:40

Tgt Ion: 43 Resp: 10297

Ion Ratio Lower Upper

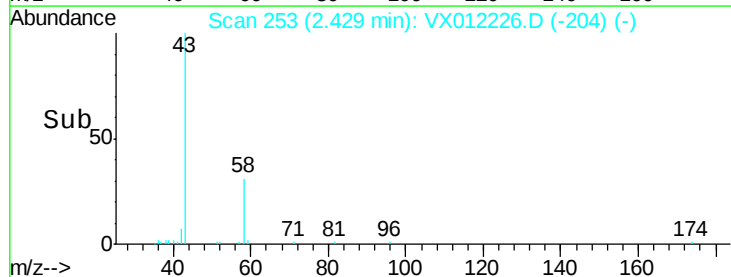
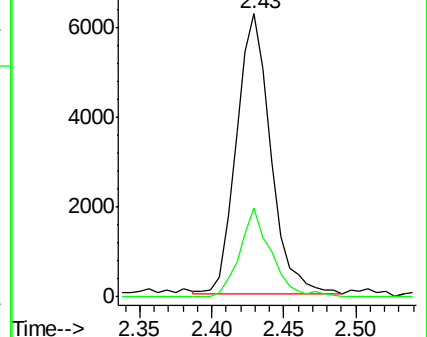
43 100

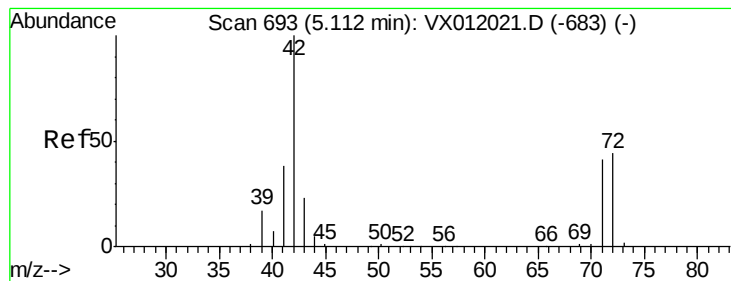
58 32.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#29

Tetrahydrofuran

Concen: 8.748 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012226.D

Acq: 08 Sep 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B1-(0)

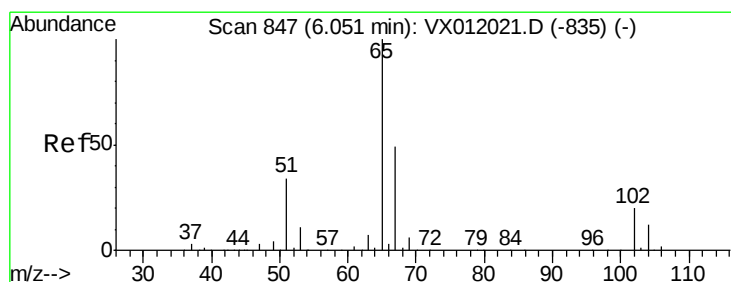
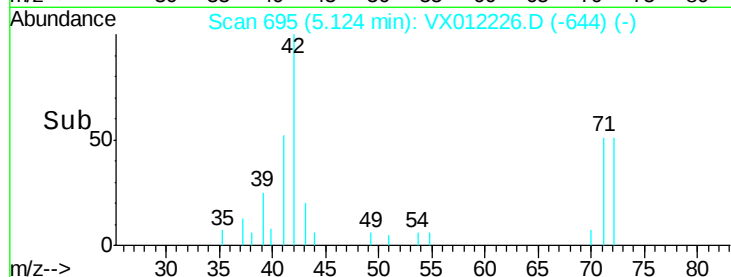
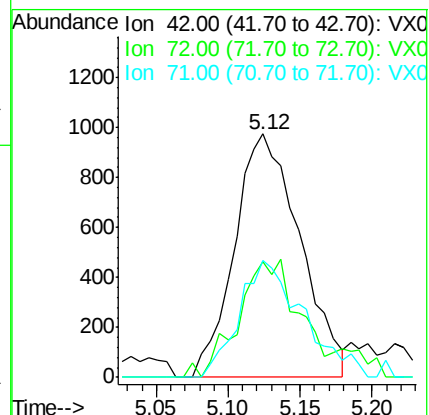
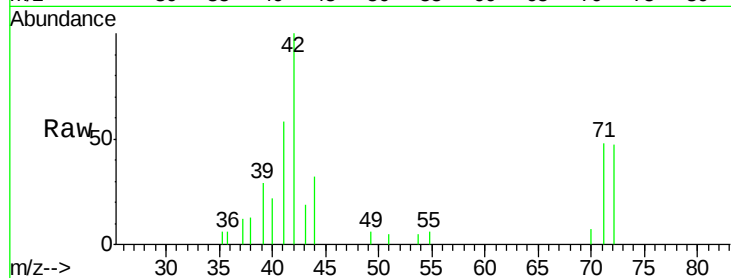
Tot Ion: 42 Resp: 3080

Ion Ratio Lower Upper

42 100

72 45.5 37.0 55.4

71 47.3 33.8 50.8



#33

1,2-Dichloroethane-d4

Concen: 48.789 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012226.D

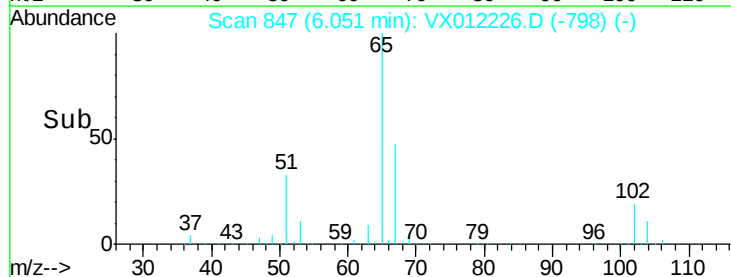
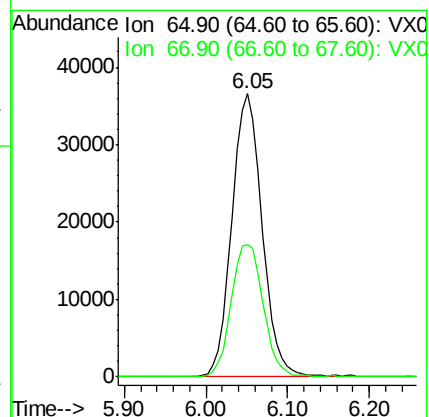
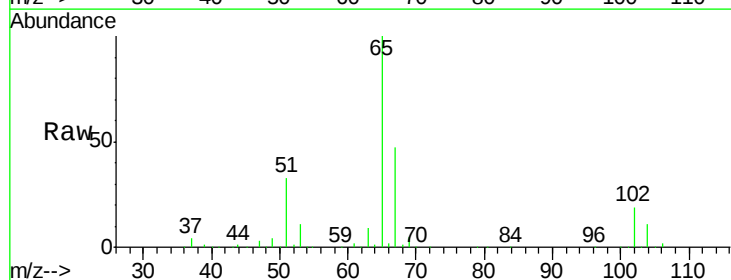
Acq: 08 Sep 2019 16:40

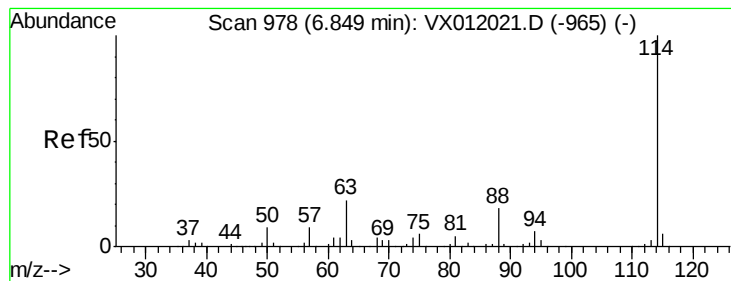
Tgt Ion: 65 Resp: 93706

Ion Ratio Lower Upper

65 100

67 49.5 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: VX012226.D

Acq: 08 Sep 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B1-(0)

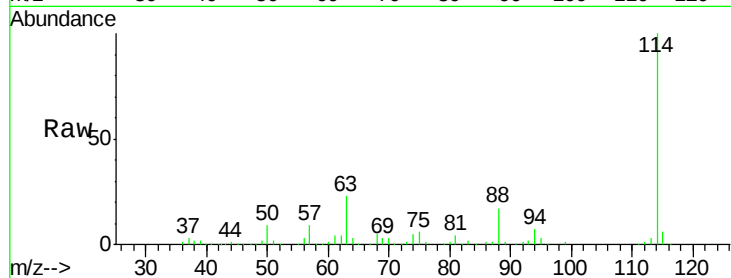
Tot Ion:114 Resp: 237607

Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.4

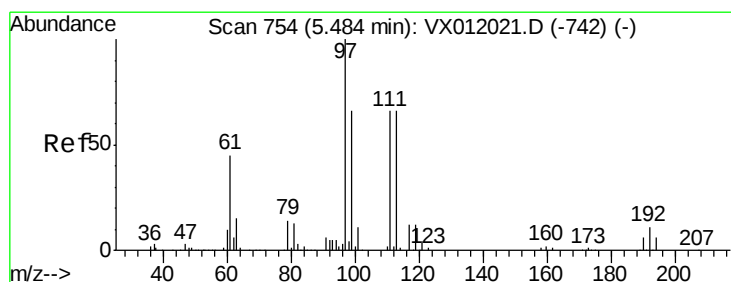
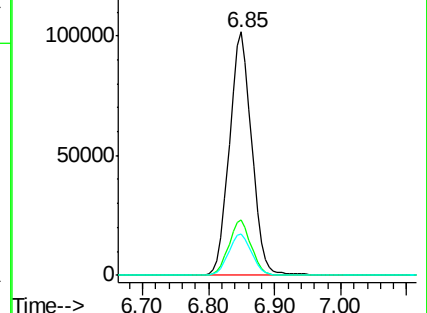
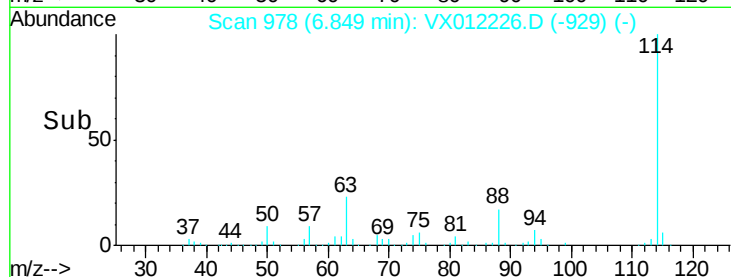
88 16.9 0.0 29.6



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: 47.614 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012226.D

Acq: 08 Sep 2019 16:40

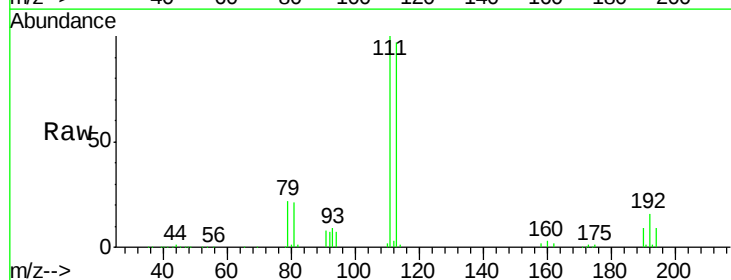
Tgt Ion:113 Resp: 69574

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

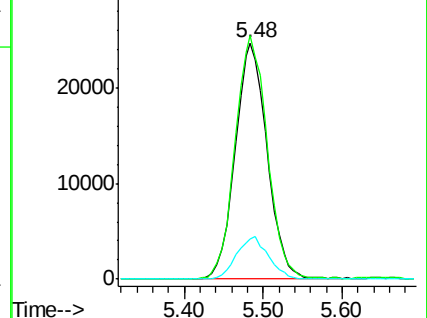
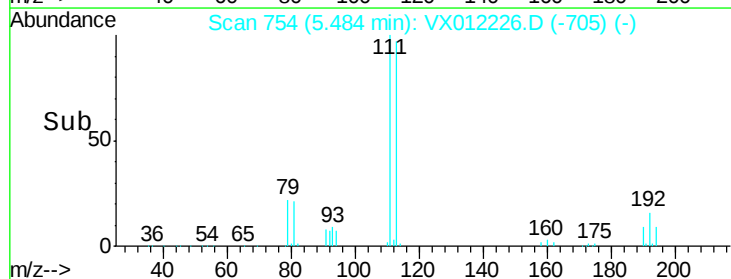
192 17.7 22.5 33.7#

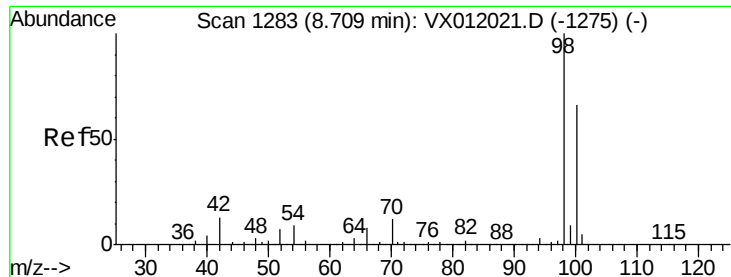


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

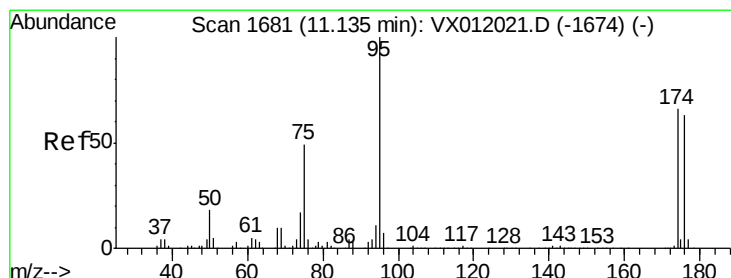
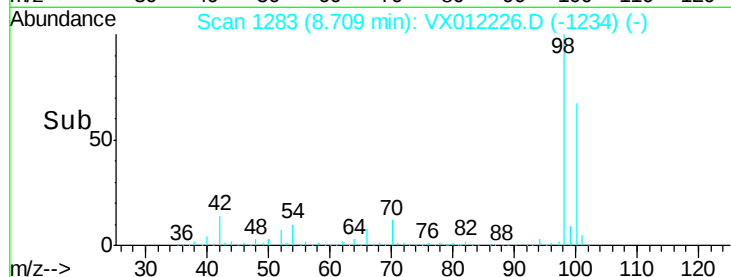
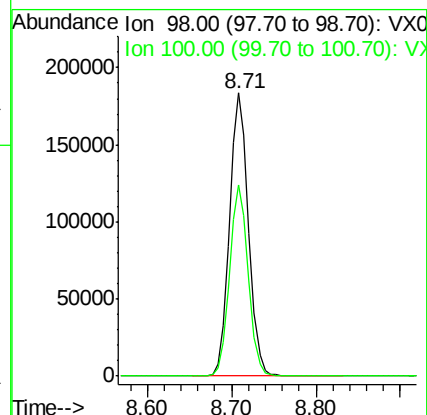
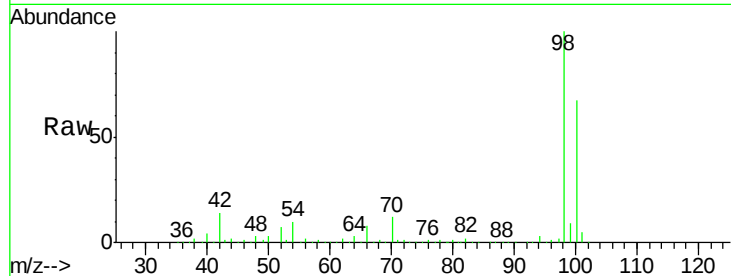




#50
Toluene-d8
Concen: 52.890 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012226.D
Acq: 08 Sep 2019 16:40

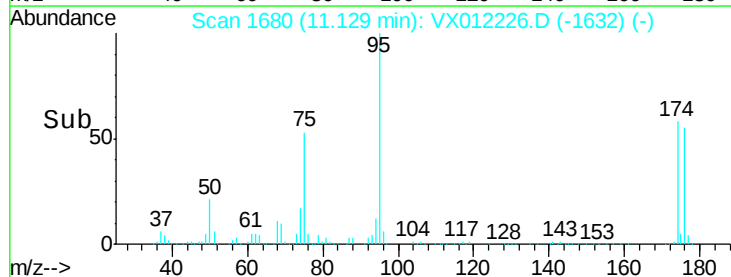
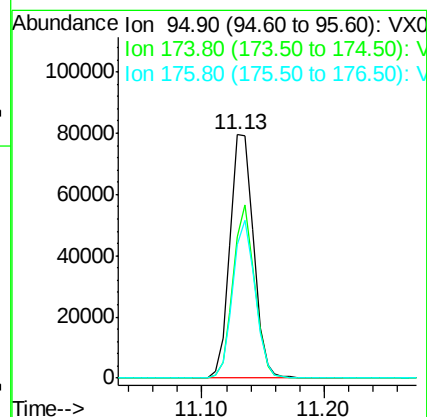
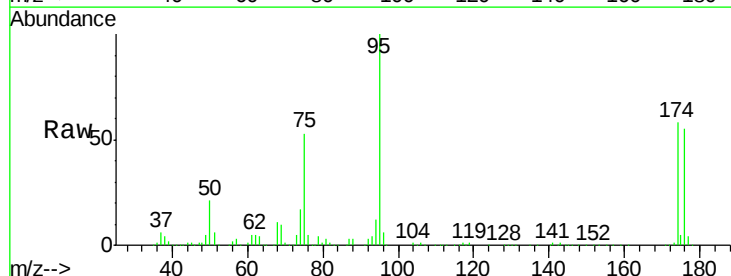
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PAR-11-B1-(0)

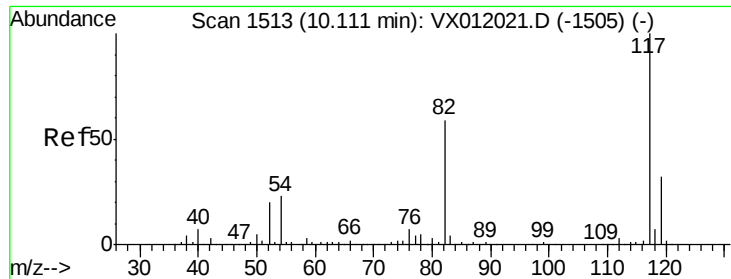
Tot Ion: 98 Resp: 283598
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 42.539 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012226.D
Acq: 08 Sep 2019 16:40

Tgt Ion: 95 Resp: 106076
Ion Ratio Lower Upper
95 100
174 65.1 0.0 205.4
176 61.2 0.0 201.8

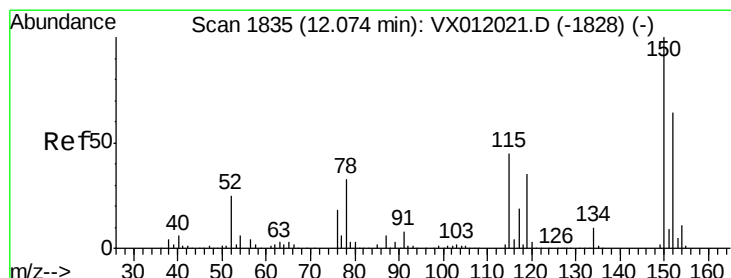
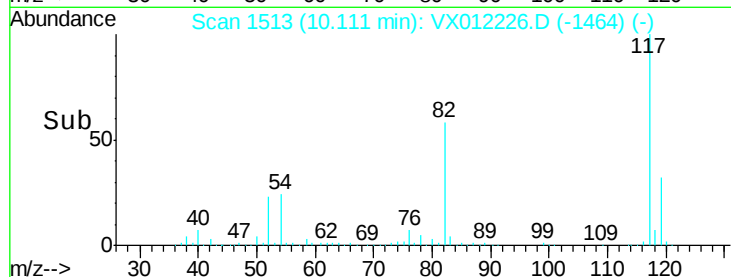
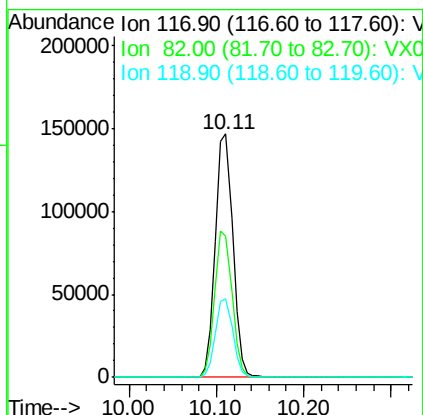
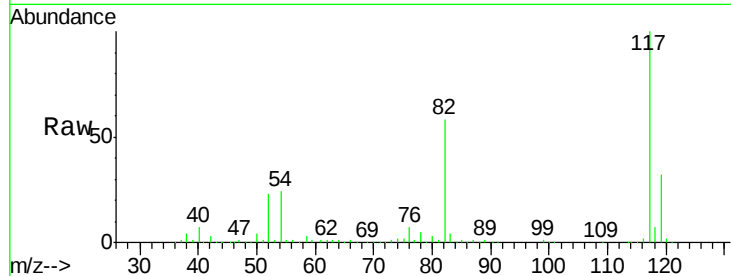




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012226.D
Acq: 08 Sep 2019 16:40

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B1-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	39.4	59.0
119	32.2	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012226.D
Acq: 08 Sep 2019 16:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	36.4	109.3
150	158.9	0.0	341.2

