

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012202.D
 Acq On : 08 Sep 2019 05:20
 Operator : SY/SP
 Sample : K4650-03
 Misc : 5.08g/5.0mL/MSVOA X/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Sep 08 08:43:23 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

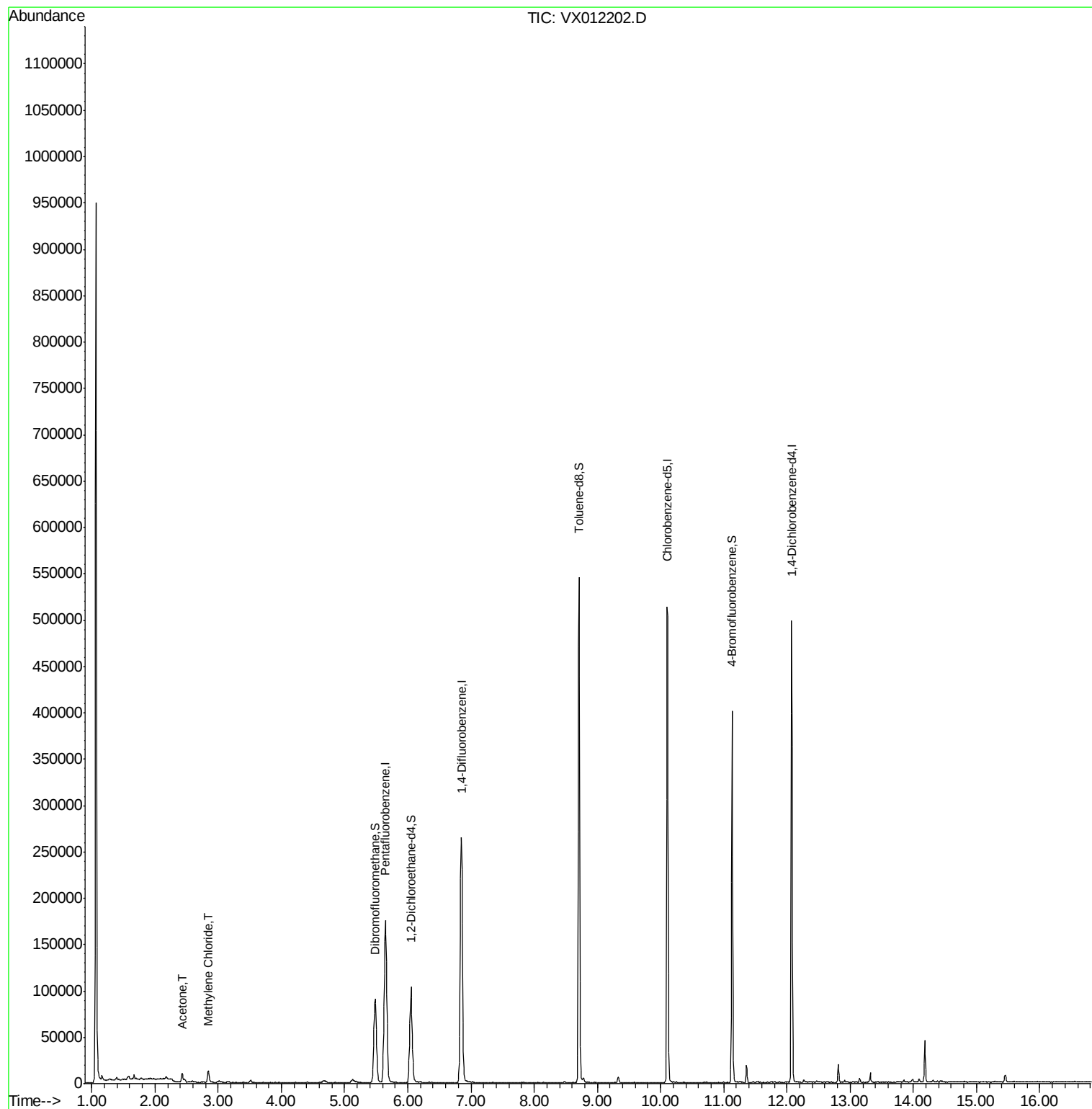
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	145529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	255023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	102625	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
35) Dibromofluoromethane	5.48	113	77497	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	302103	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.14	95	116243	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
16) Acetone	2.42	43	10372	21.610	ug/l	99
20) Methylene Chloride	2.84	84	5878	3.050	ug/l	93

(#) = 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: VX012202.D

Acq: 08 Sep 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

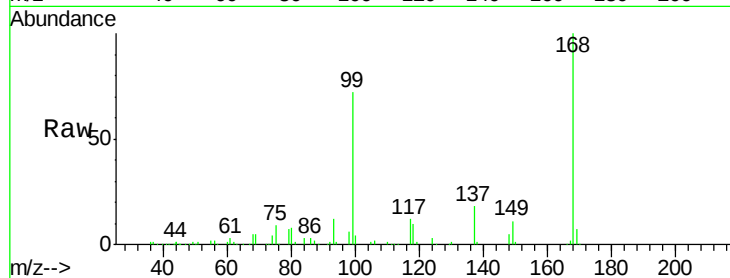
TP-2

Tot Ion:168 Resp: 145529

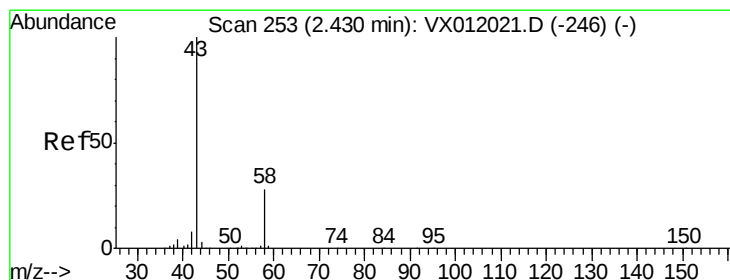
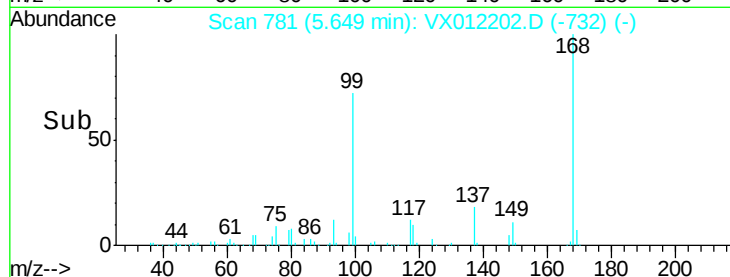
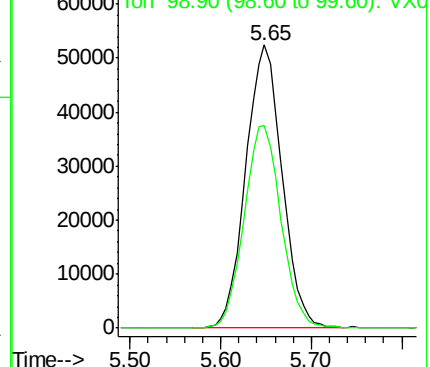
Ion Ratio Lower Upper

168 100

99 71.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 21.610 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX012202.D

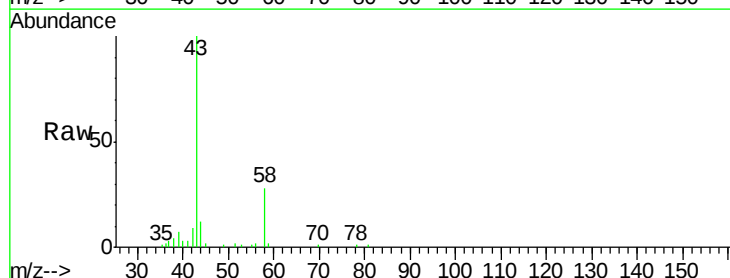
Acq: 08 Sep 2019 05:20

Tgt Ion: 43 Resp: 10372

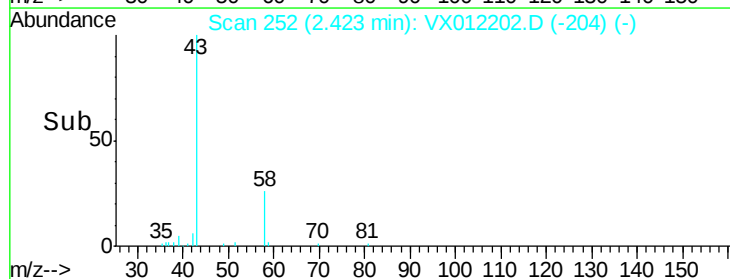
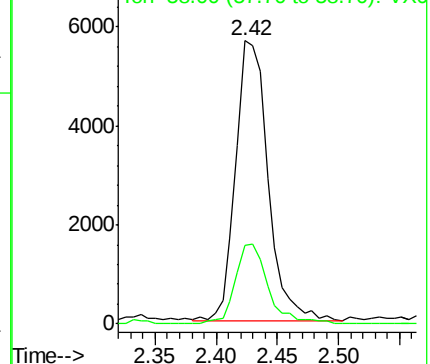
Ion Ratio Lower Upper

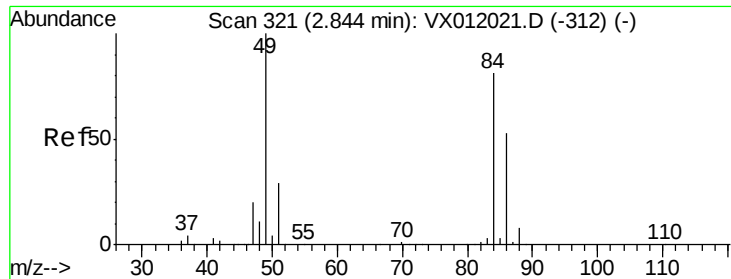
43 100

58 28.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

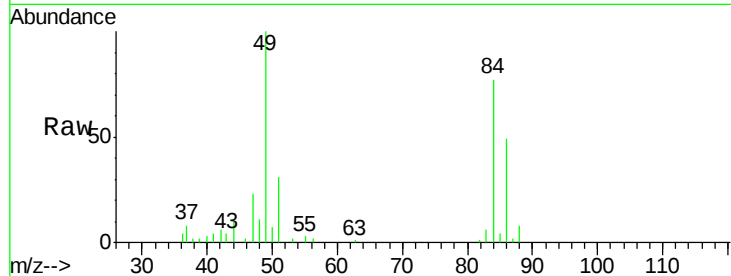




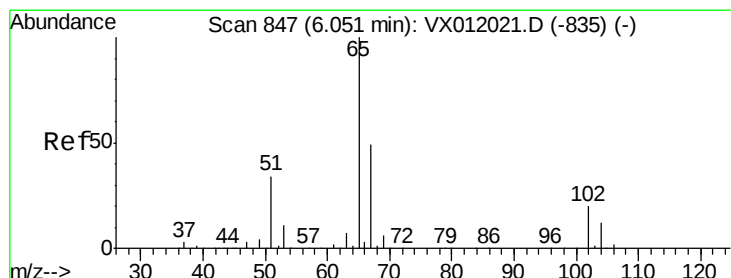
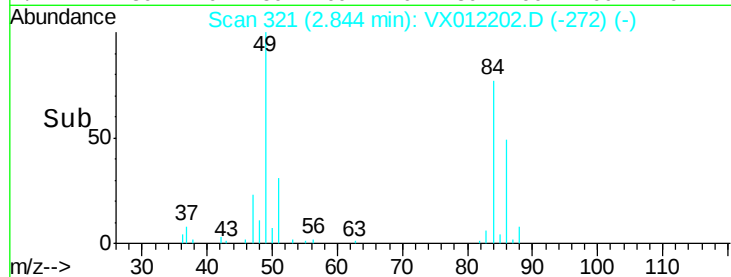
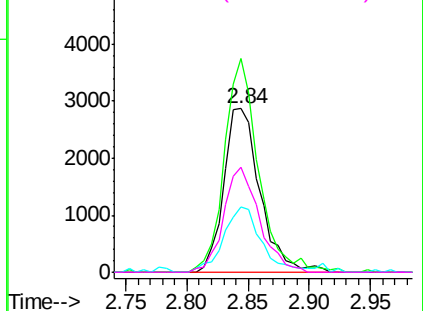
#20
Methylene Chloride
Concen: 3.050 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Instrument :
MSVOA_X
ClientSampled :
TP-2

Tot Ion: 84 Resp: 5878
Ion Ratio Lower Upper
84 100
49 130.6 95.8 143.8
51 40.1 28.6 43.0
86 64.4 50.9 76.3

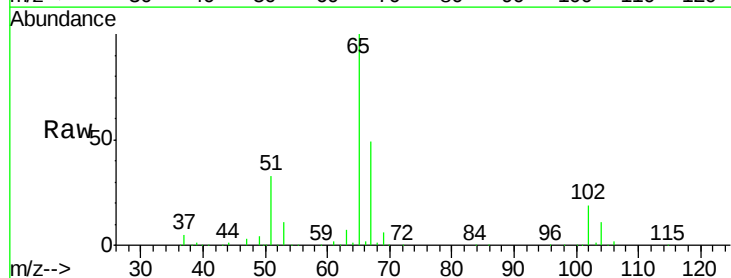


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

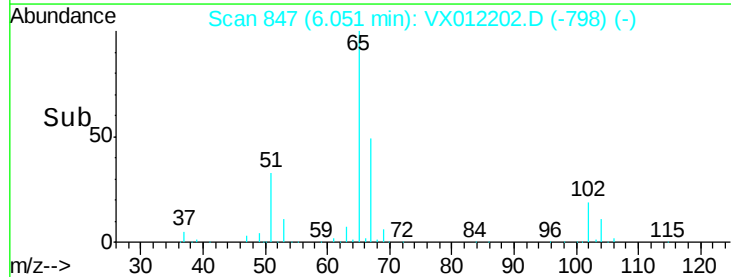
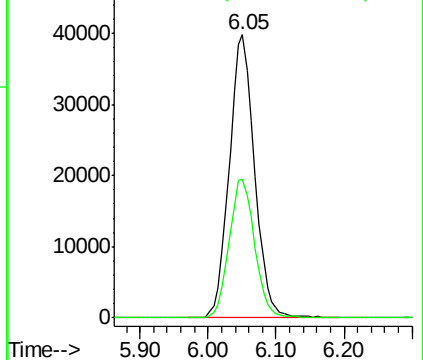


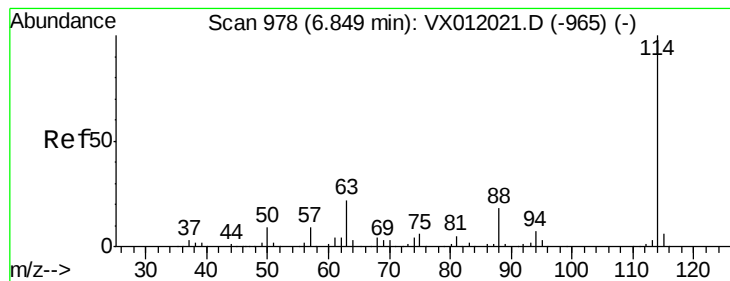
#33
1,2-Dichloroethane-d4
Concen: 51.108 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion: 65 Resp: 102625
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.0



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: VX012202.D

Acq: 08 Sep 2019 05:20

Instrument :

MSVOA_X

ClientSampled :

TP-2

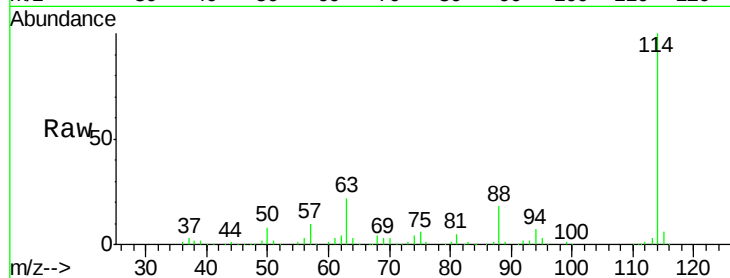
Tot Ion:114 Resp: 255023

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.4

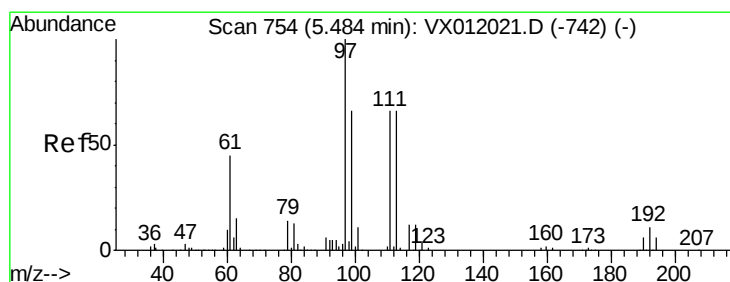
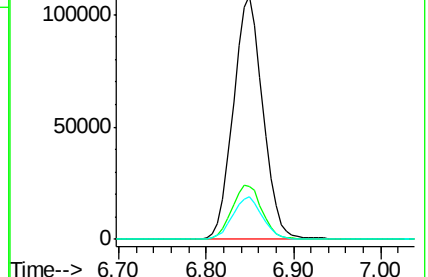
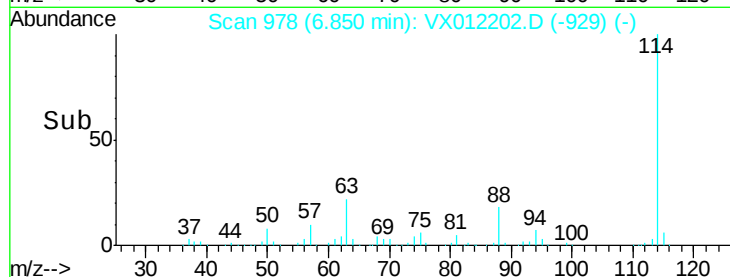
88 17.8 0.0 29.6



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: 49.414 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012202.D

Acq: 08 Sep 2019 05:20

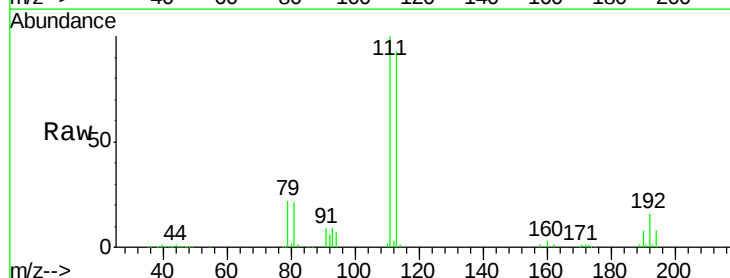
Tgt Ion:113 Resp: 77497

Ion Ratio Lower Upper

113 100

111 102.2 81.7 122.5

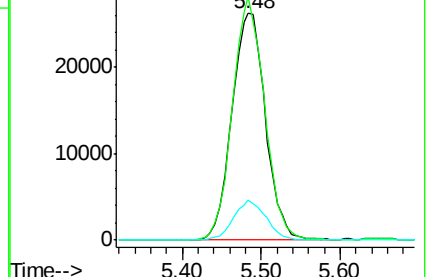
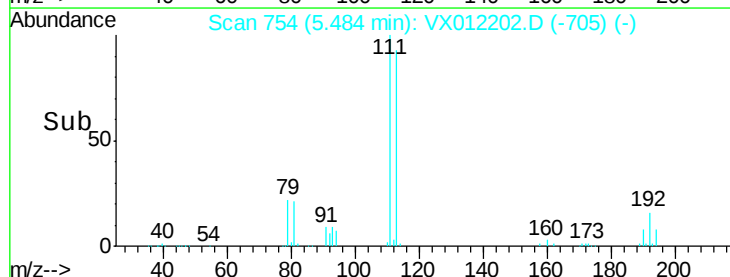
192 16.9 22.5 33.7#

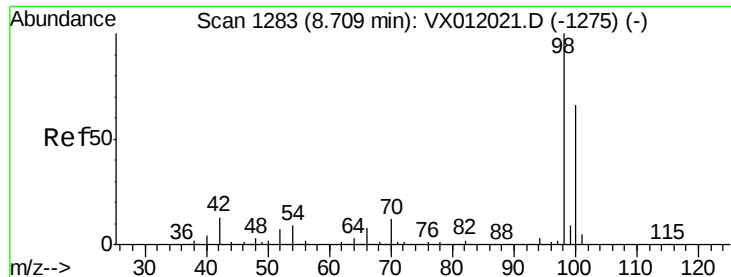


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

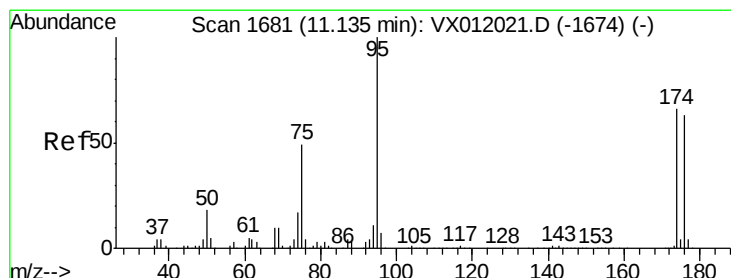
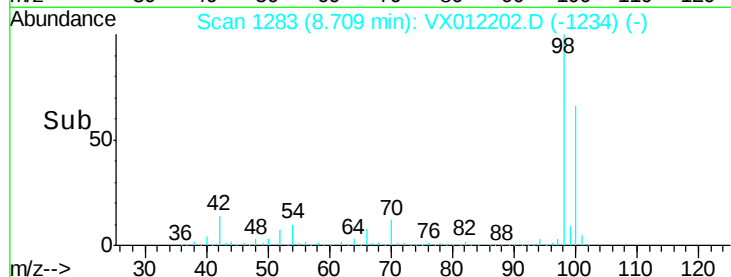
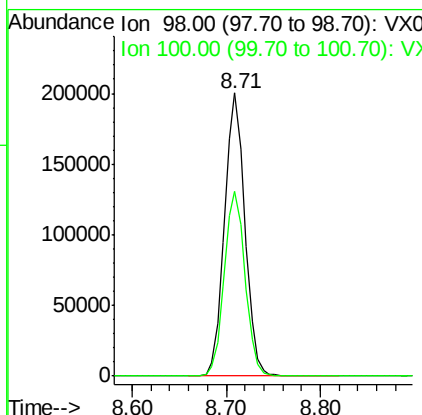
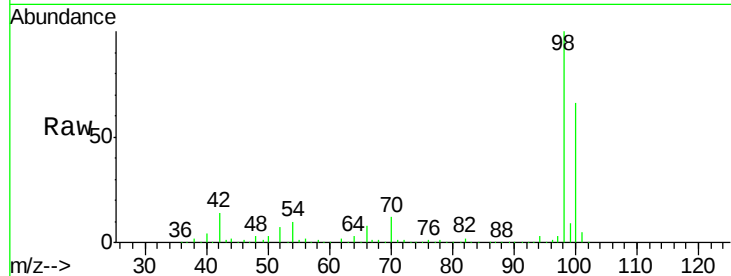




#50
Toluene-d8
Concen: 52.494 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

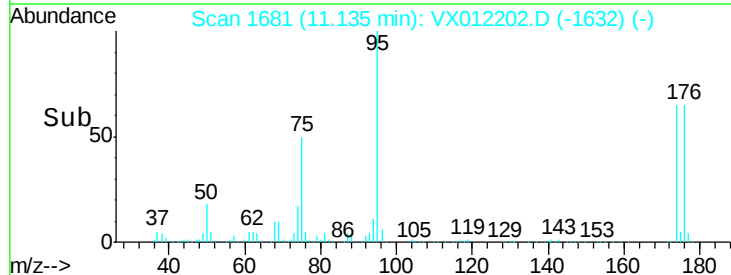
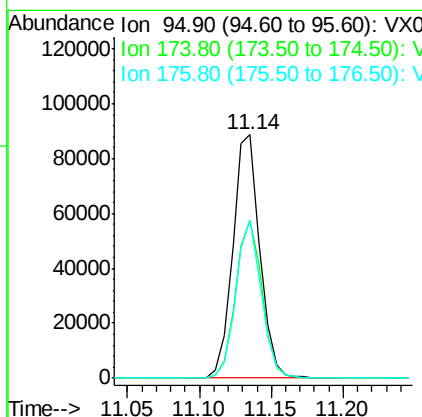
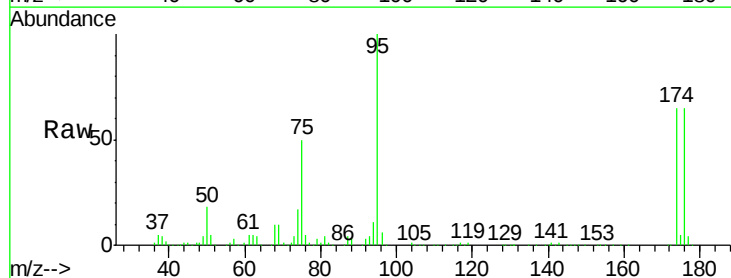
Instrument :
MSVOA_X
ClientSampled :
TP-2

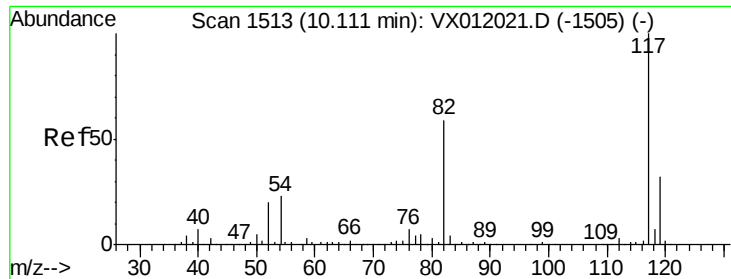
Tot Ion: 98 Resp: 302103
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.432 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion: 95 Resp: 116243
Ion Ratio Lower Upper
95 100
174 63.5 0.0 205.4
176 61.1 0.0 201.8

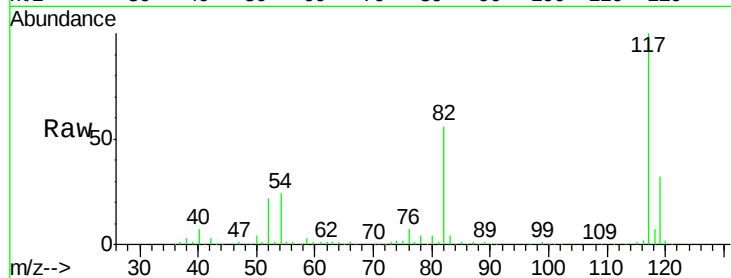




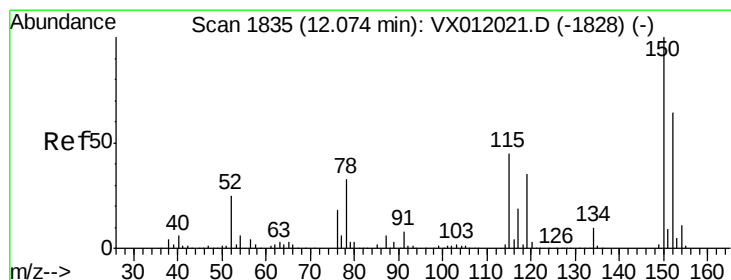
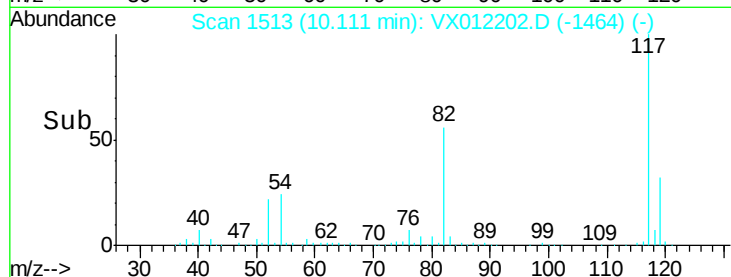
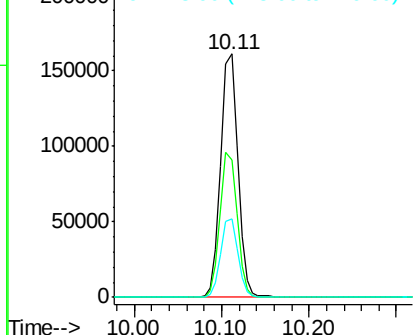
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tot Ion:117 Resp: 220229
Ion Ratio Lower Upper
117 100
82 56.5 39.4 59.0
119 32.2 26.1 39.1

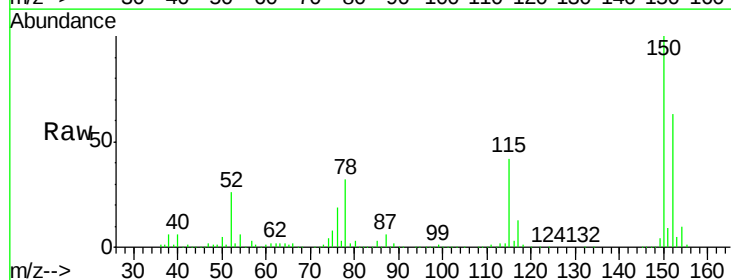


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion:152 Resp: 92114
Ion Ratio Lower Upper
152 100
115 64.7 36.4 109.3
150 155.4 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

