

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013057.D
 Acq On : 14 Oct 2019 17:16
 Operator : JC/SP
 Sample : K5313-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7340B

Quant Time: Oct 15 12:21:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

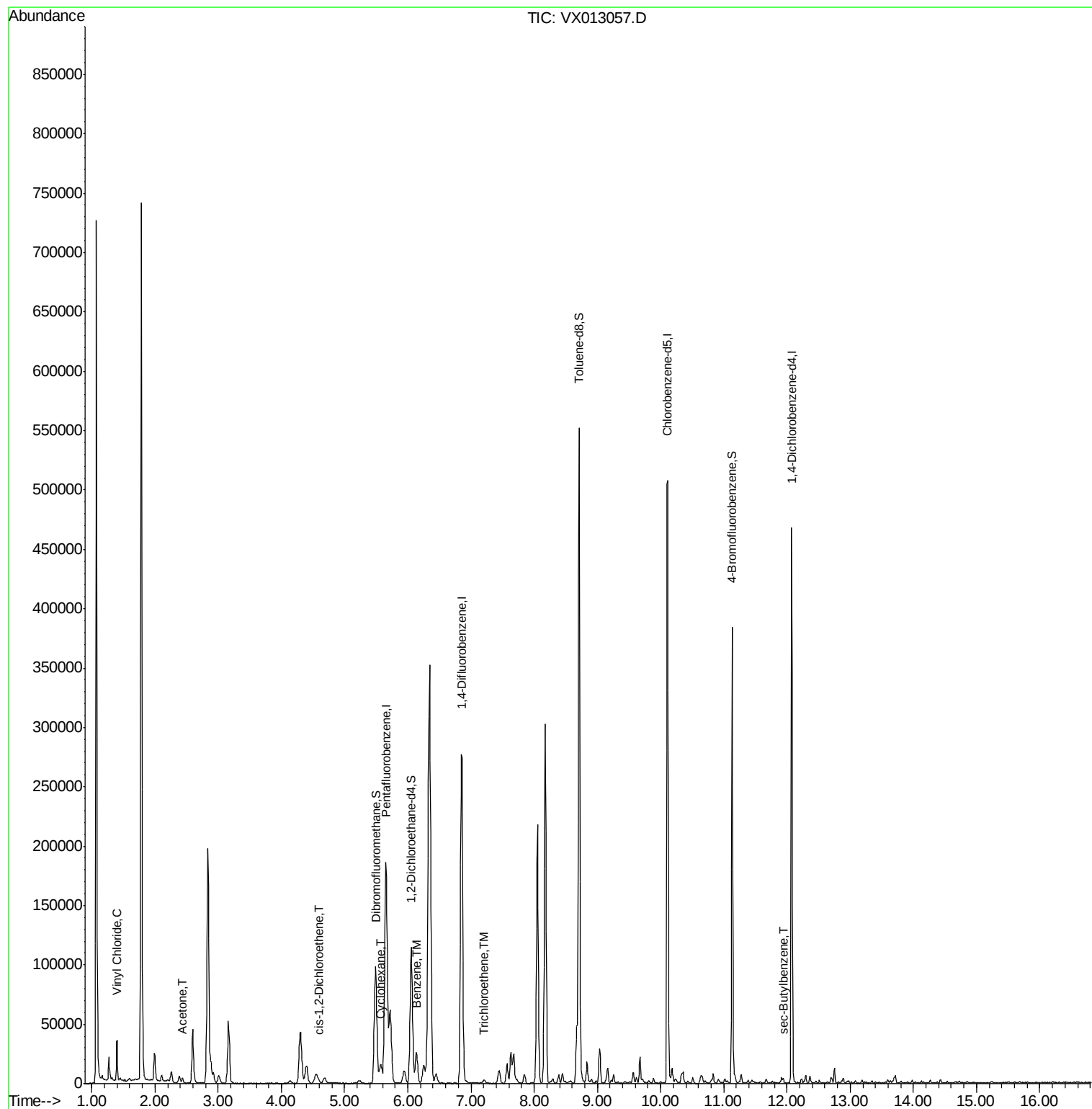
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108924	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	5.49	113	84571	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
50) Toluene-d8	8.71	98	334772	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	11.14	95	108386	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	2372	1.171	ug/l	98
16) Acetone	2.43	43	4737	4.065	ug/l #	84
27) cis-1,2-Dichloroethene	4.59	96	1079	0.489	ug/l	84
31) Cyclohexane	5.58	56	11172	3.482	ug/l	95
40) Benzene	6.14	78	31133	4.206	ug/l	98
44) Trichloroethene	7.22	130	1197	0.583	ug/l	97
85) sec-Butylbenzene	11.94	105	2167	0.330	ug/l	91

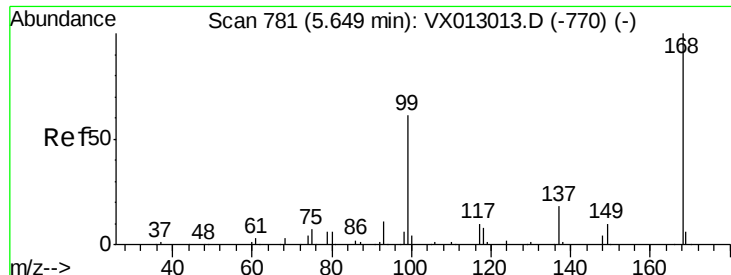
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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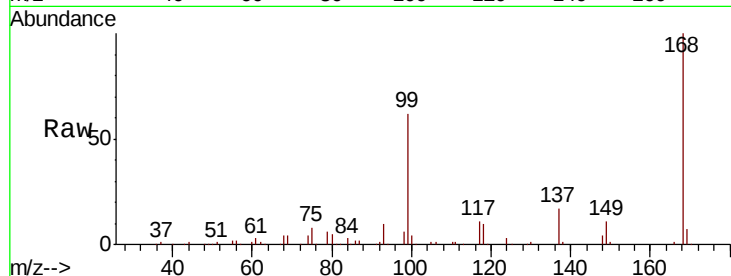




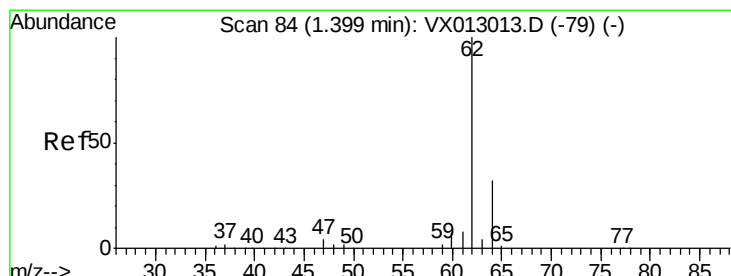
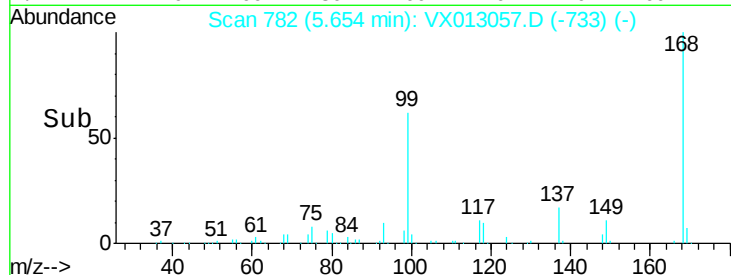
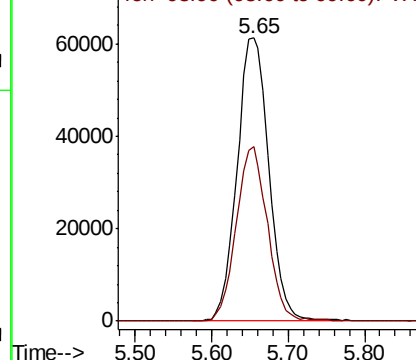
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7340B

Tot Ion:168 Resp: 176862
Ion Ratio Lower Upper
168 100
99 61.5 49.4 74.0

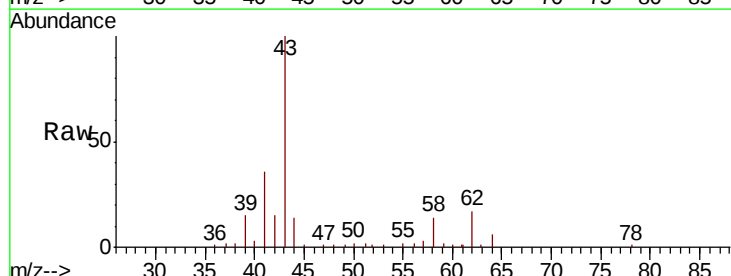


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0

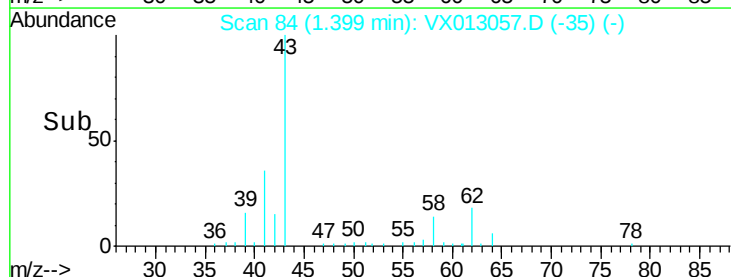
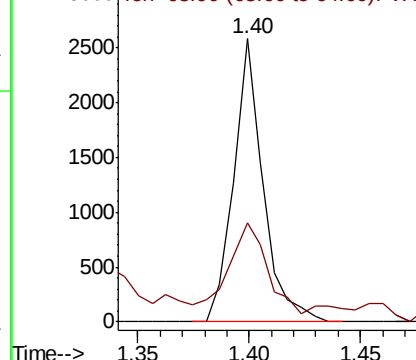


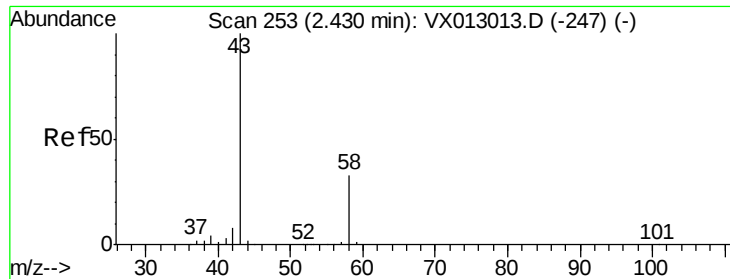
#4
Vinyl Chloride
Concen: 1.171 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion: 62 Resp: 2372
Ion Ratio Lower Upper
62 100
64 30.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 4.065 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

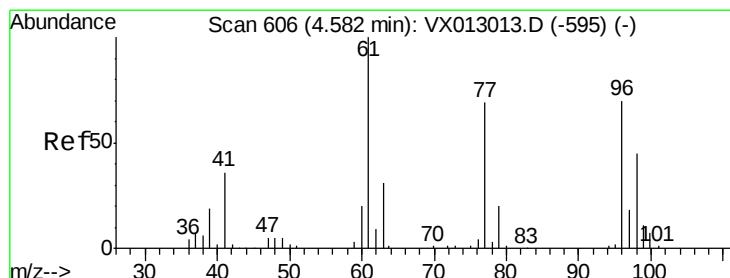
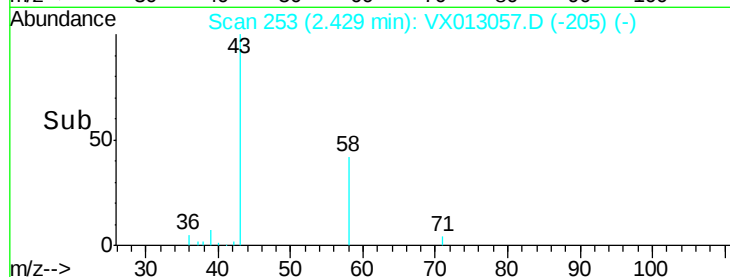
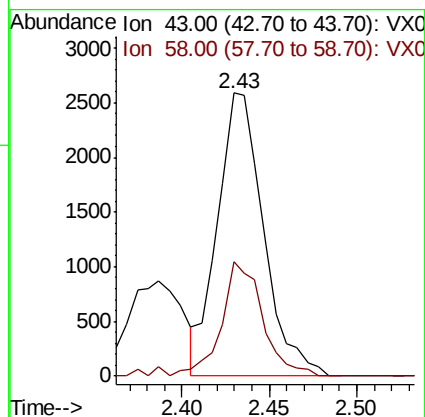
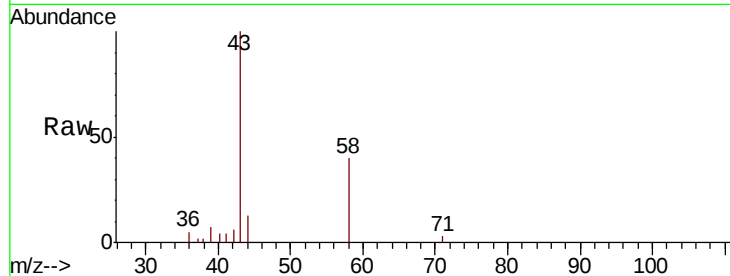
FA19-JBW7340B

Tot Ion: 43 Resp: 4737

Ion Ratio Lower Upper

43 100

58 40.5 25.4 38.2#



#27

cis-1,2-Dichloroethene

Concen: 0.489 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

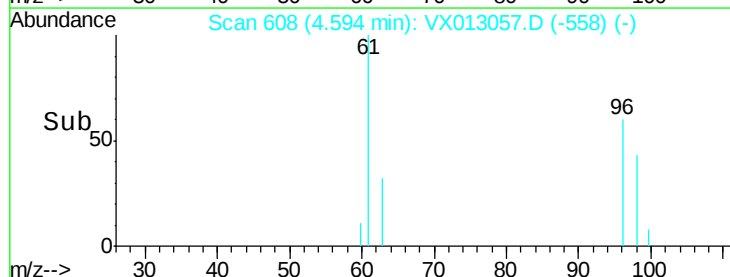
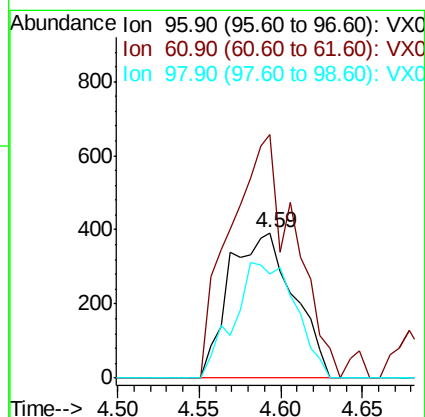
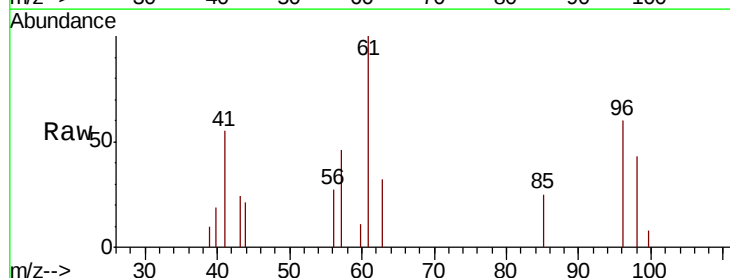
Tgt Ion: 96 Resp: 1079

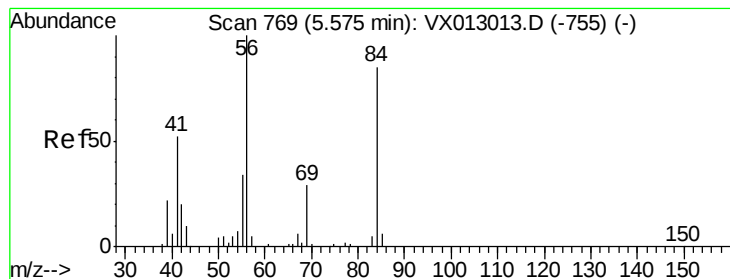
Ion Ratio Lower Upper

96 100

61 166.5 0.0 290.6

98 75.6 0.0 128.8





#31

Cyclohexane

Concen: 3.482 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7340B

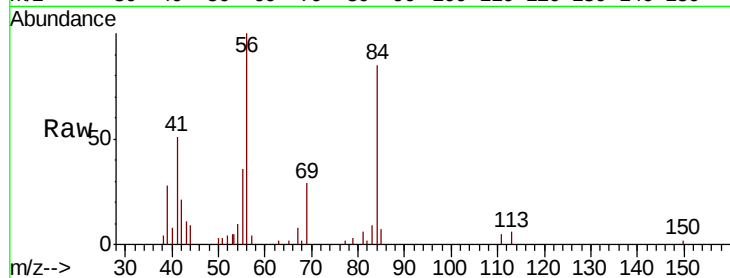
Tot Ion: 56 Resp: 11172

Ion Ratio Lower Upper

56 100

69 28.8 25.2 37.8

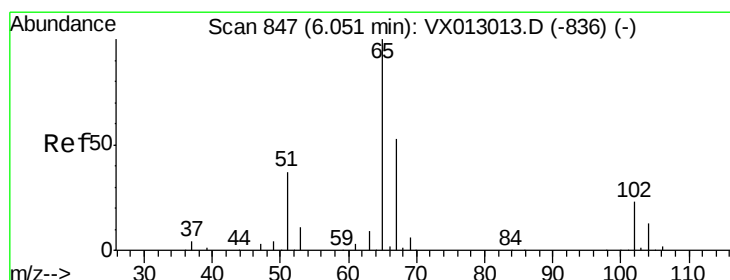
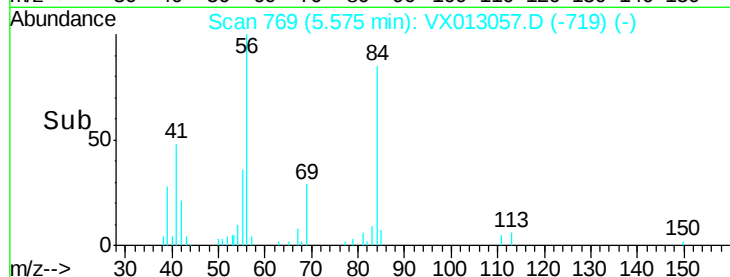
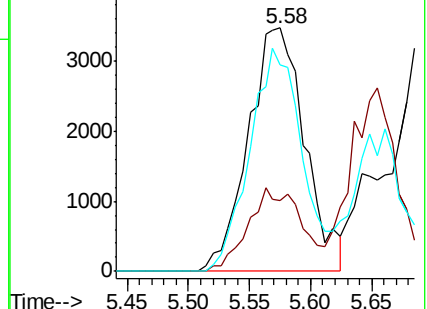
84 84.6 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.275 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX013057.D

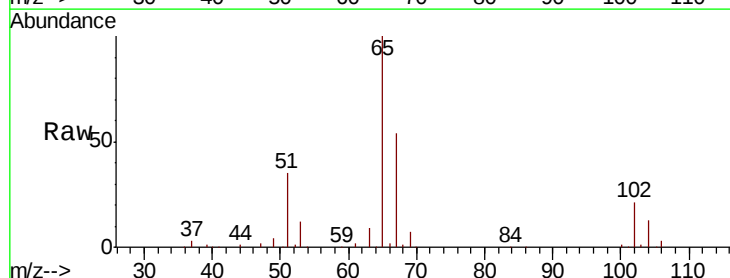
Acq: 14 Oct 2019 17:16

Tgt Ion: 65 Resp: 108924

Ion Ratio Lower Upper

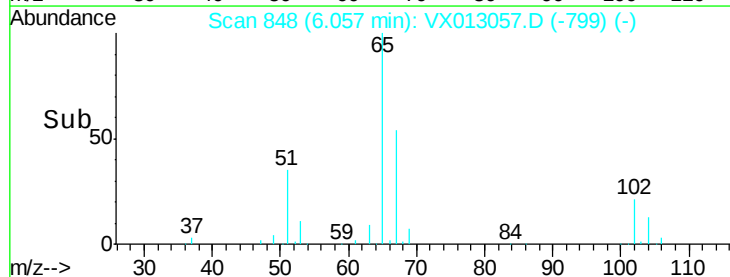
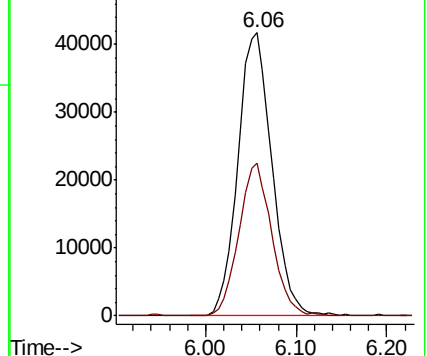
65 100

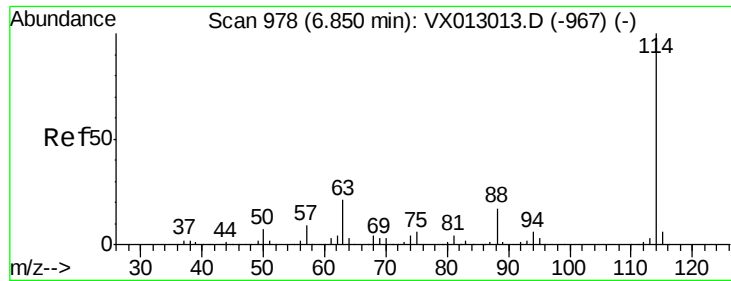
67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

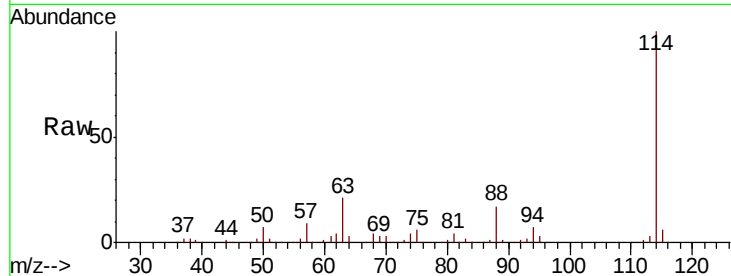




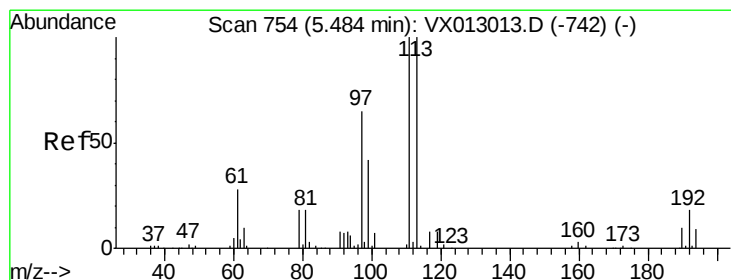
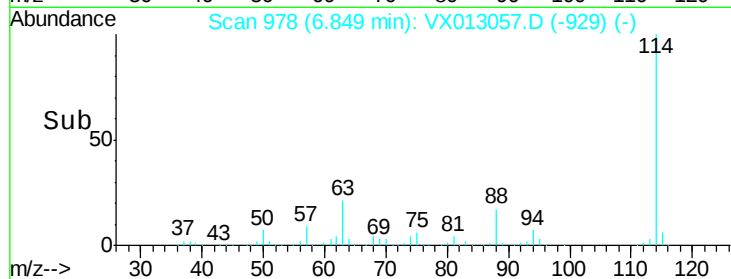
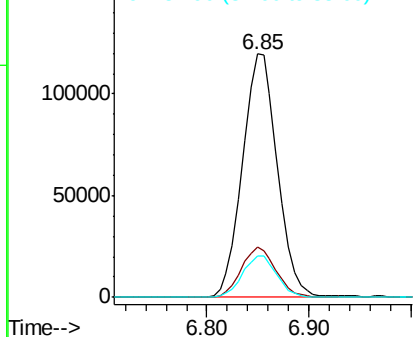
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7340B

Tot Ion:114 Resp: 285083
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.0 0.0 33.8

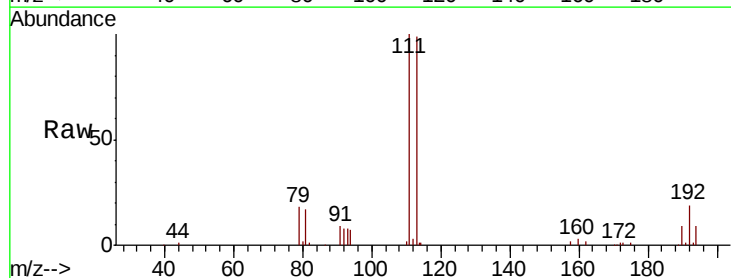


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

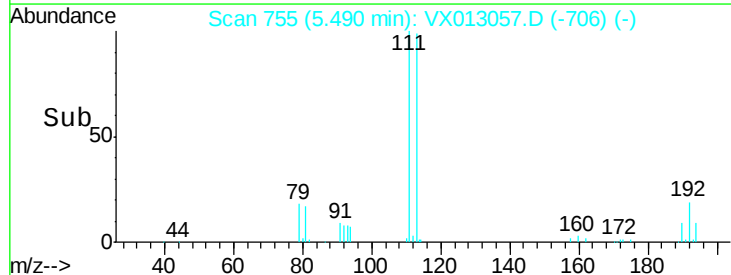
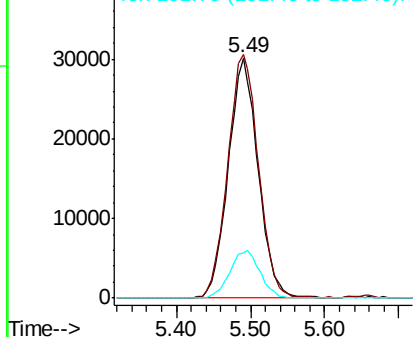


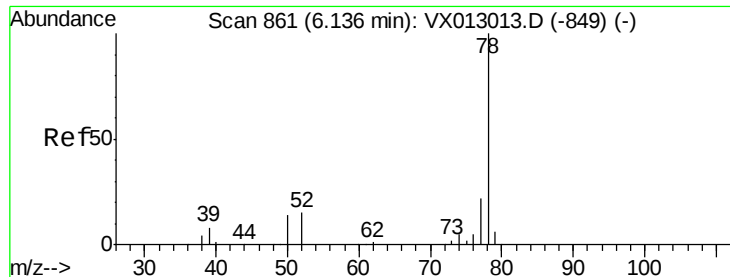
#35
Dibromofluoromethane
Concen: 51.687 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion:113 Resp: 84571
Ion Ratio Lower Upper
113 100
111 104.5 83.2 124.8
192 20.1 15.4 23.2



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





#40

Benzene

Concen: 4.206 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

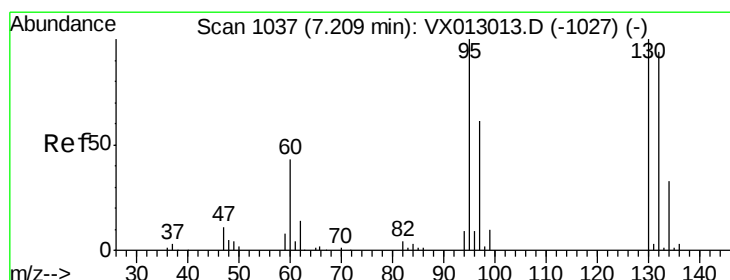
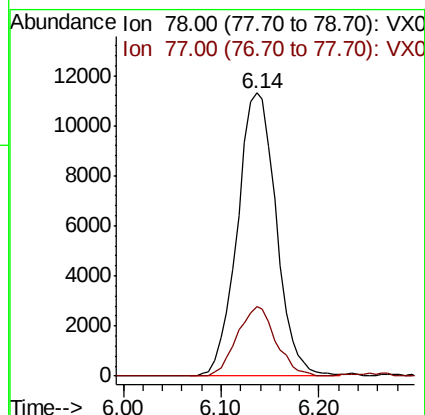
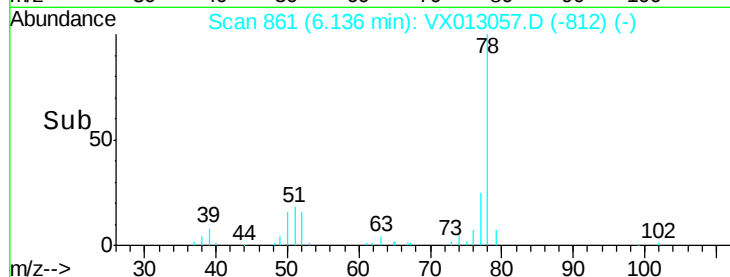
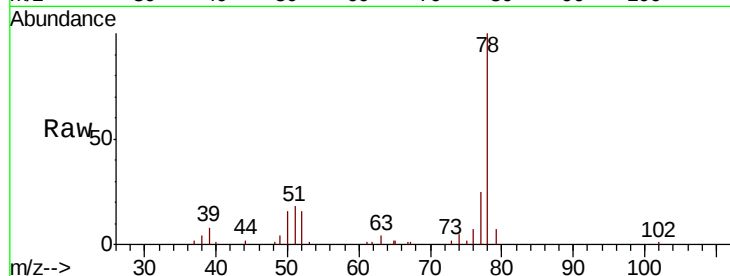
FA19-JBW7340B

Tot Ion: 78 Resp: 31133

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.4



#44

Trichloroethene

Concen: 0.583 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013057.D

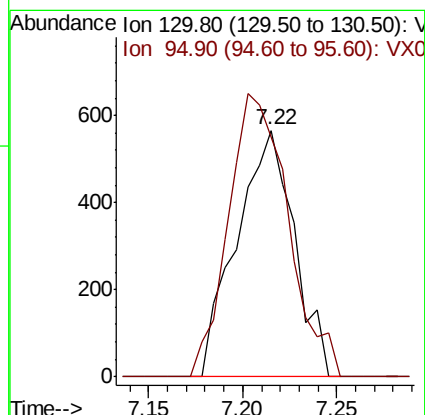
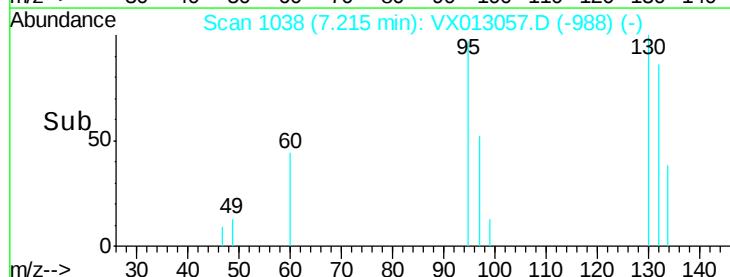
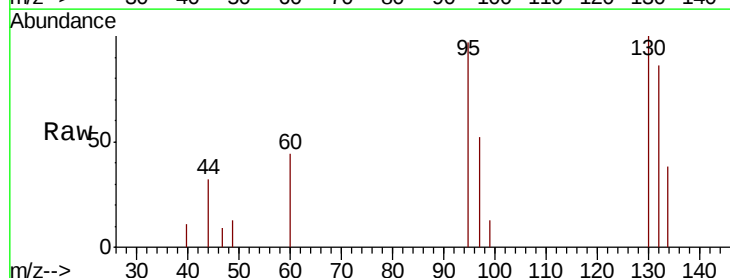
Acq: 14 Oct 2019 17:16

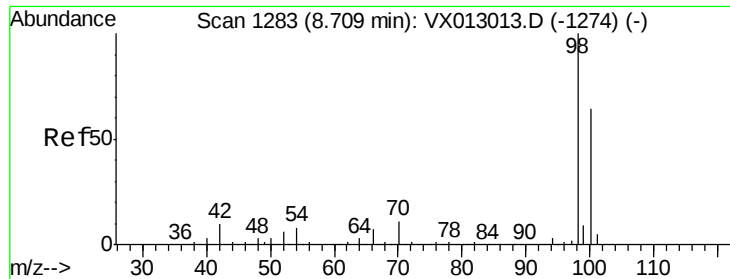
Tgt Ion: 130 Resp: 1197

Ion Ratio Lower Upper

130 100

95 97.2 0.0 189.2





#50

Toluene-d8

Concen: 52.458 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

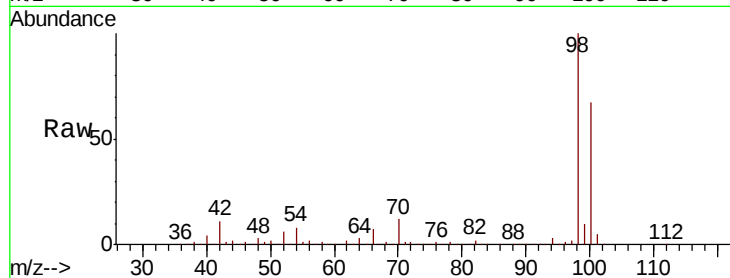
FA19-JBW7340B

Tot Ion: 98 Resp: 334772

Ion Ratio Lower Upper

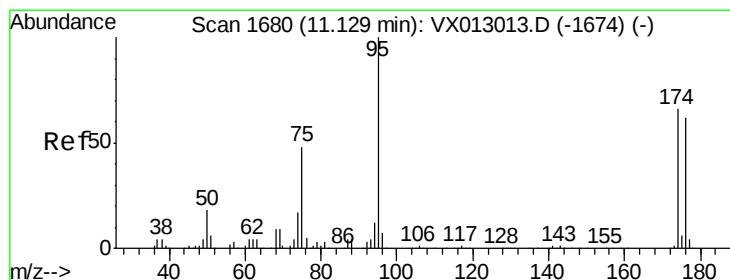
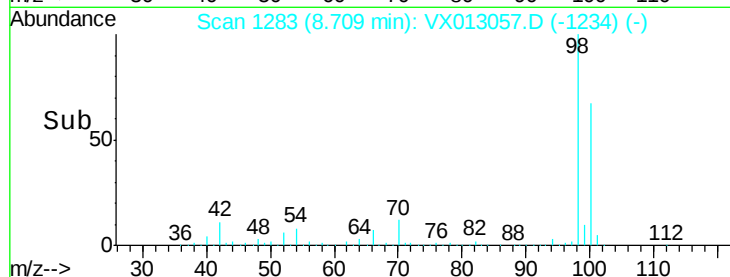
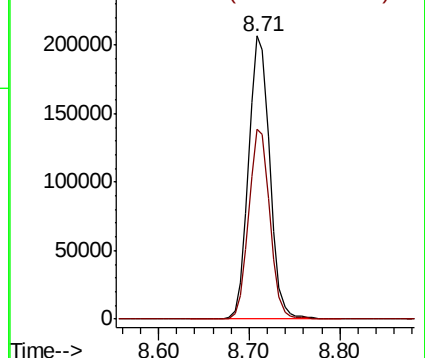
98 100

100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 43.710 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

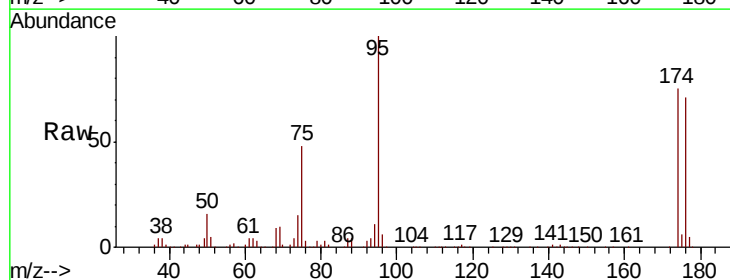
Tgt Ion: 95 Resp: 108386

Ion Ratio Lower Upper

95 100

174 74.6 0.0 143.4

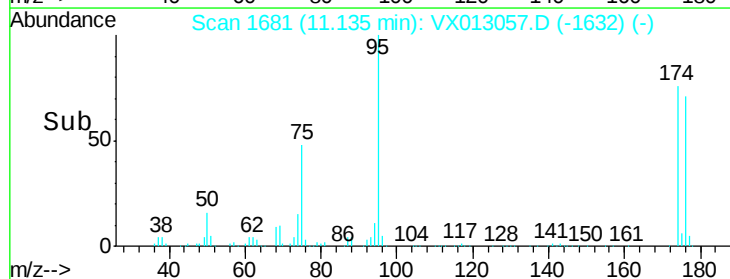
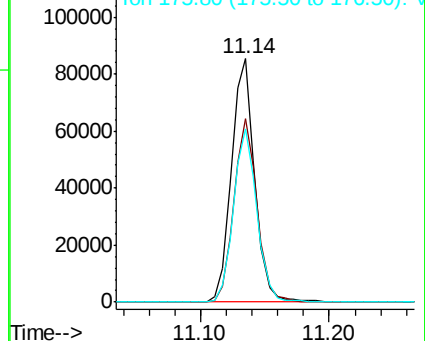
176 71.3 0.0 136.0

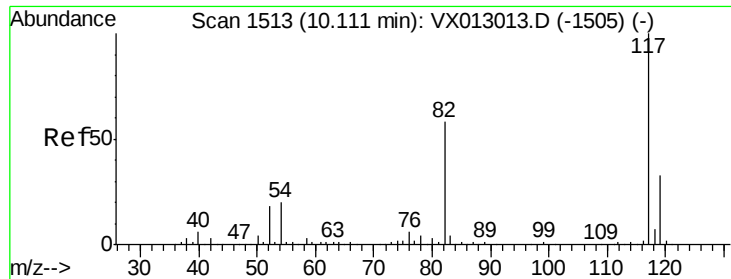


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

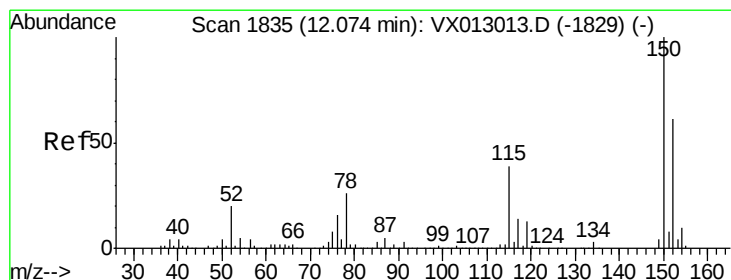
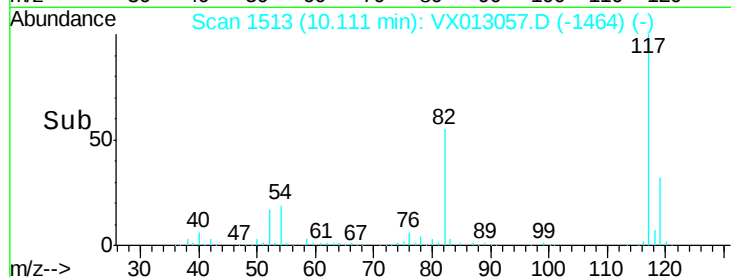
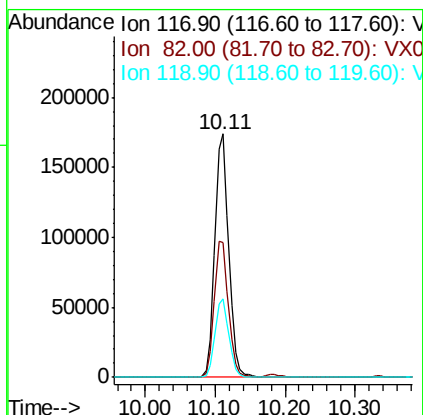
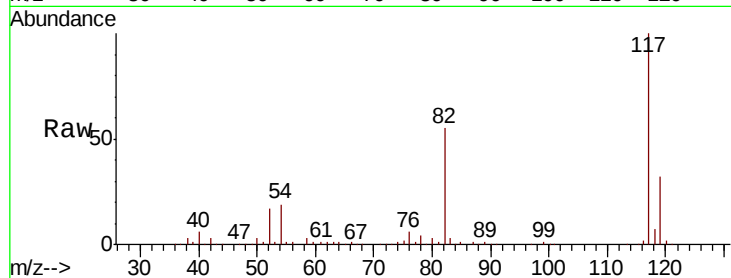




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

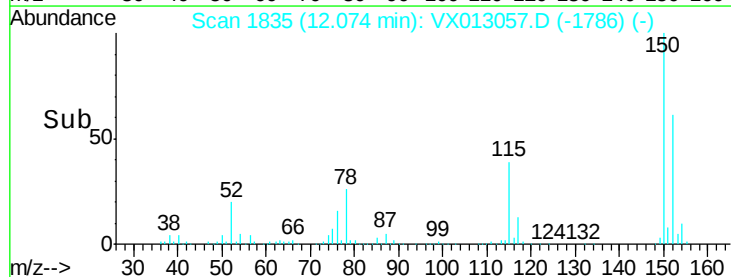
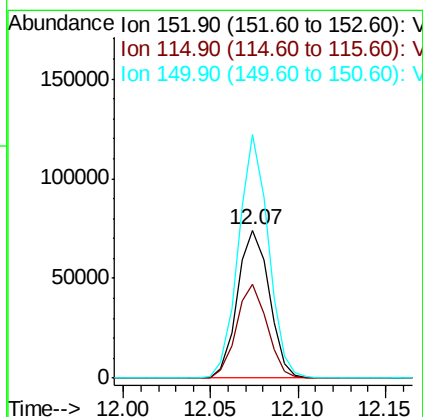
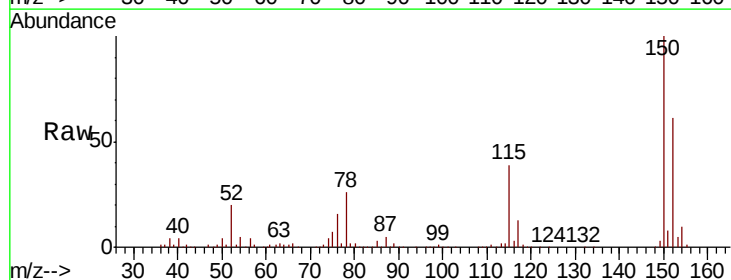
Instrument :
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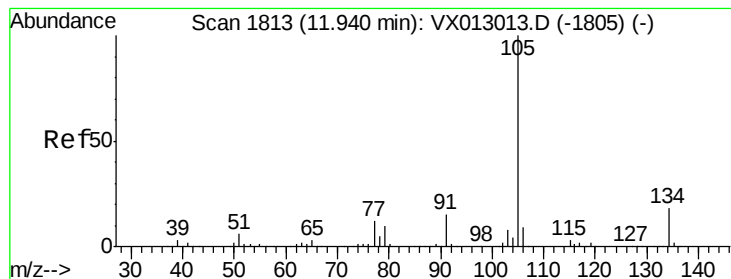
Tot Ion:117 Resp: 239939
Ion Ratio Lower Upper
117 100
82 55.5 44.1 66.1
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion:152 Resp: 94644
Ion Ratio Lower Upper
152 100
115 61.3 44.5 133.5
150 154.2 0.0 353.4





#85

sec-Butylbenzene

Concen: 0.330 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7340B

Tot Ion:105 Resp: 2167

Ion Ratio Lower Upper

105 100

134 15.6 10.0 30.0

