

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012511.D
 Acq On : 19 Sep 2019 06:34
 Operator : JC/SP
 Sample : K4830-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0281

Manual Integrations
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 9/19/2019 1:07:08 PM

Quant Time: Sep 19 09:36:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	199163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	315696	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	131748	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
35) Dibromofluoromethane	5.49	113	95347	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
50) Toluene-d8	8.71	98	355257	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.14	95	127923	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
Target Compounds						
39) Methylcyclohexane	7.45	83	8470	4.541	ug/l #	84
84) 1,2,4-Trimethylbenzene	11.81	105	5644	0.940	ug/l	92
85) sec-Butylbenzene	11.94	105	5317	0.770	ug/l	99
86) p-Isopropyltoluene	12.06	119	2201m	0.347	ug/l	

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

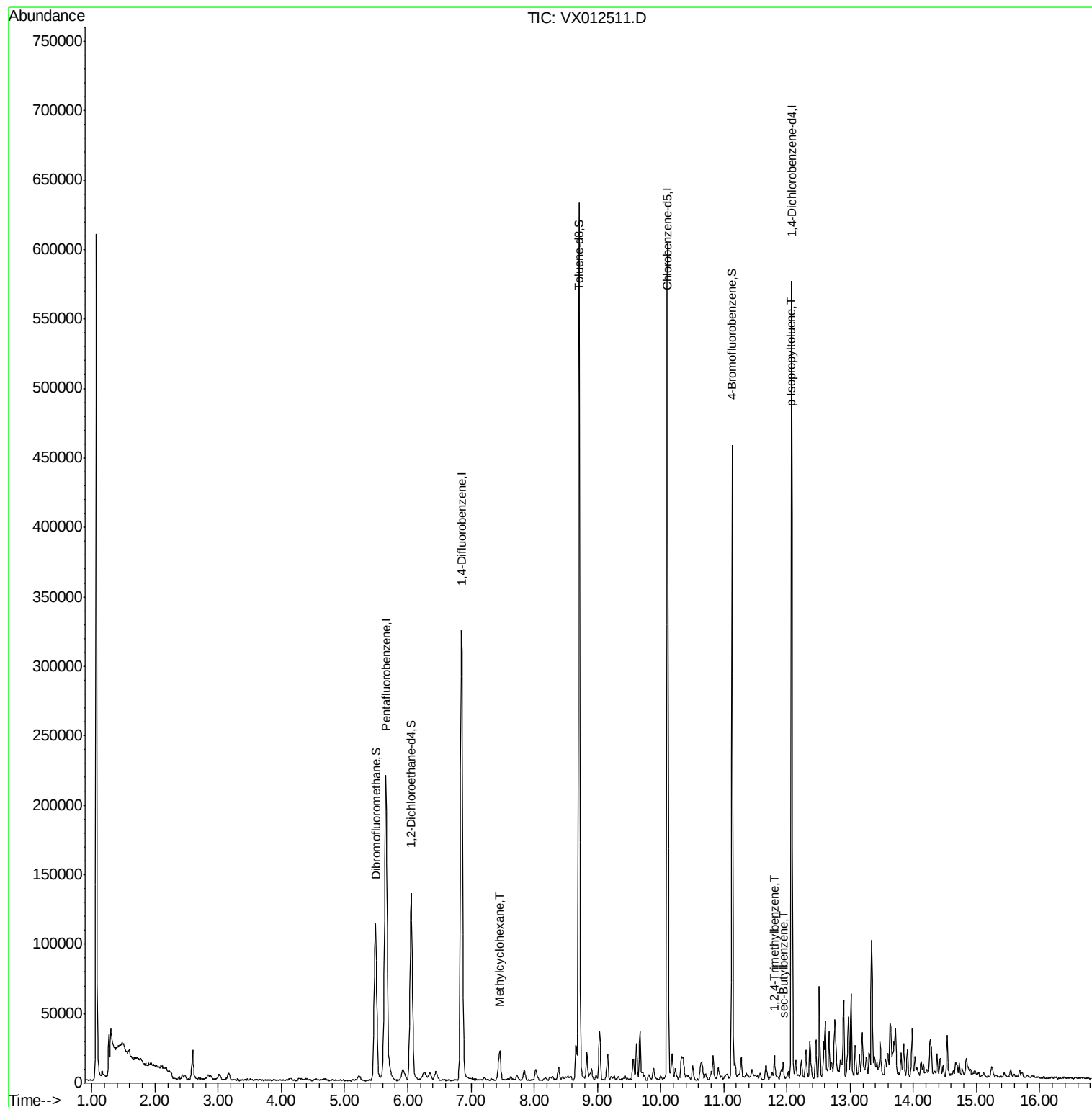
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
Data File : VX012511.D
Acq On : 19 Sep 2019 06:34
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 53 Sample Multiplier: 1

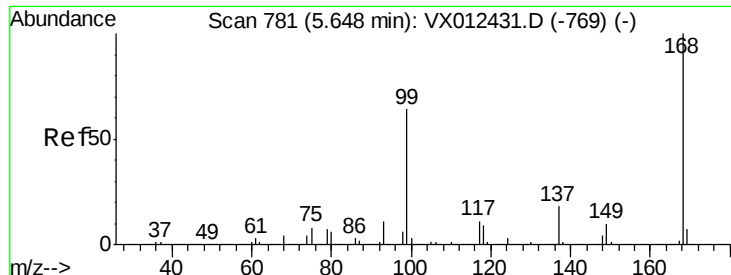
Instrument :
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Quant Time: Sep 19 09:36:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

S13-0281

Tot Ion:168 Resp: 199163

Ion Ratio Lower Upper

168 100

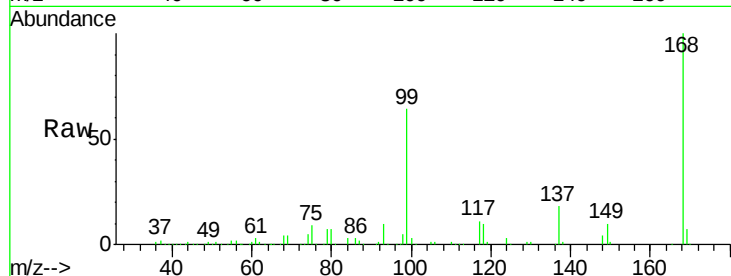
99 64.3 51.4 77.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

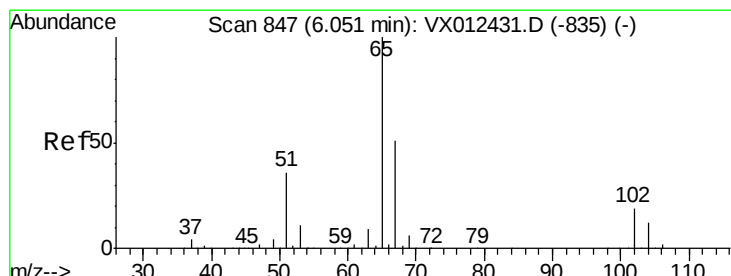
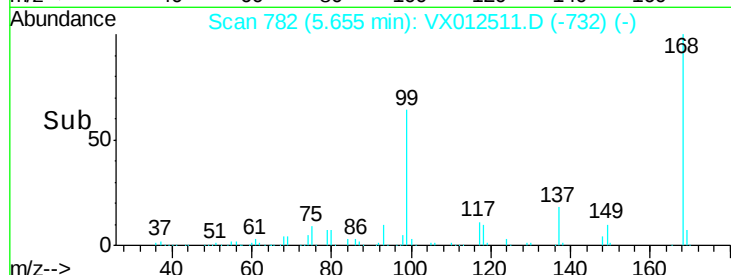
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.156 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012511.D

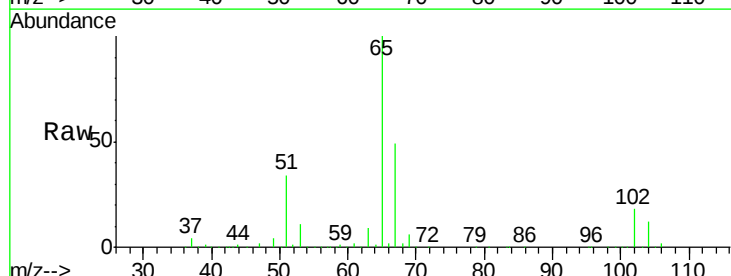
Acq: 19 Sep 2019 06:34

Tgt Ion: 65 Resp: 131748

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

60000

50000

40000

30000

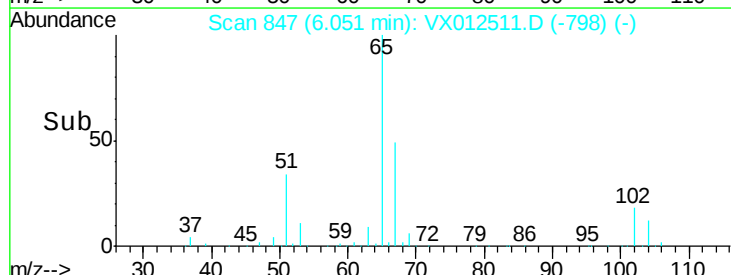
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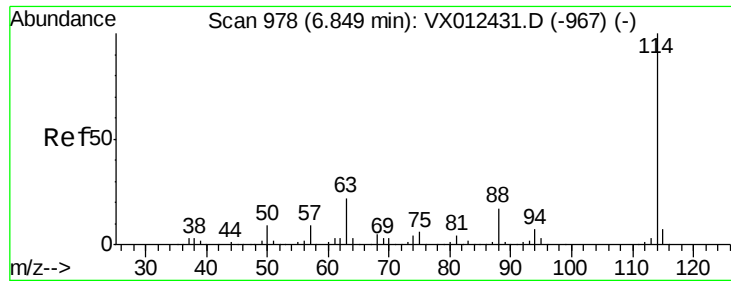
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0

Time-->

5.90 6.00 6.10 6.20





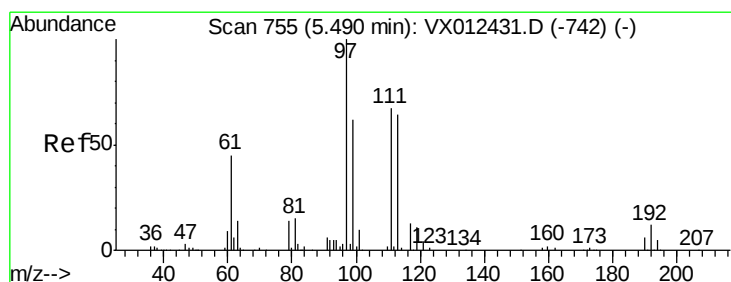
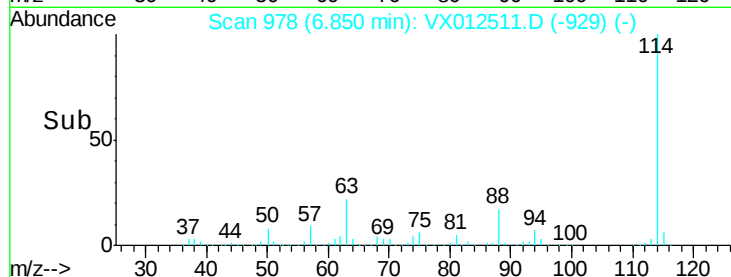
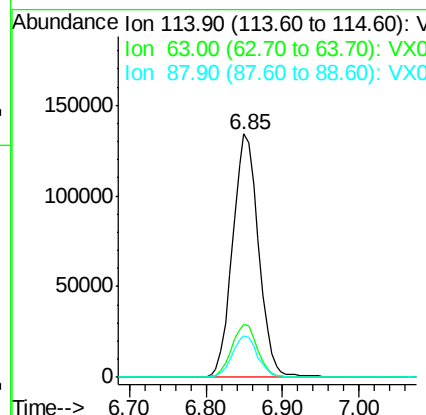
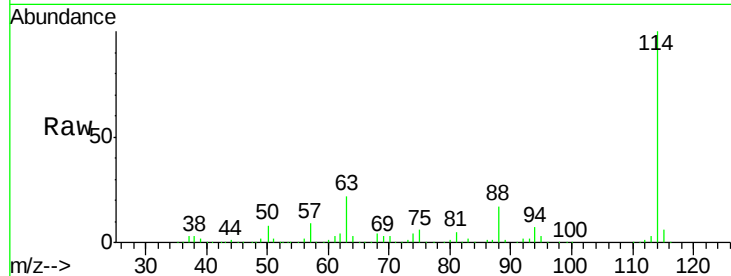
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012511.D
 Acq: 19 Sep 2019 06:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0281

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.0	0.0	43.2
88	16.9	0.0	33.2

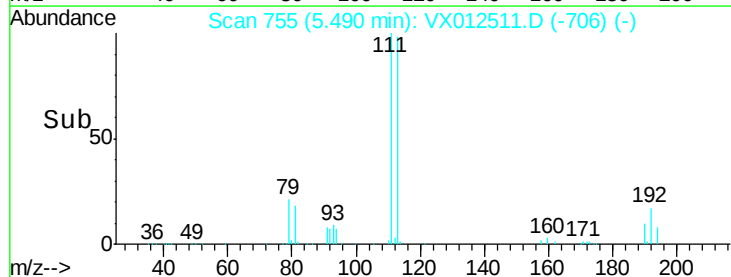
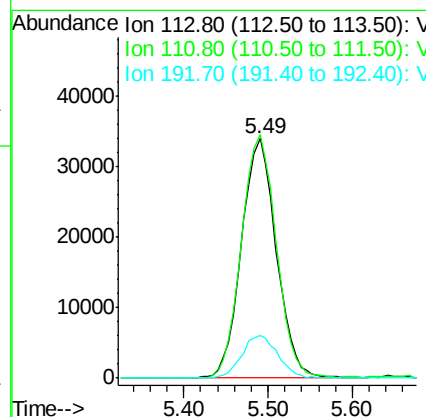
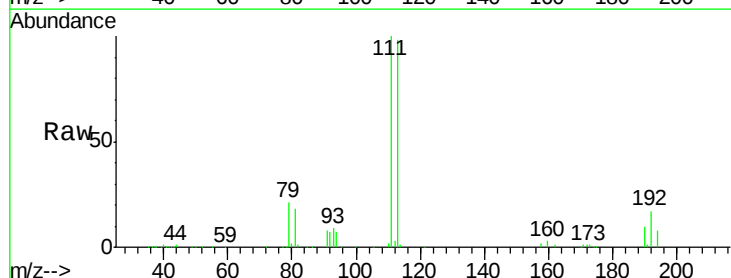
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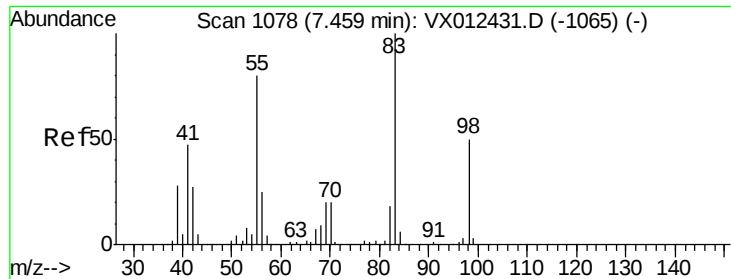
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#35
 Dibromofluoromethane
 Concen: 49.900 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012511.D
 Acq: 19 Sep 2019 06:34

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.9	83.4	125.2
192	18.4	14.4	21.6





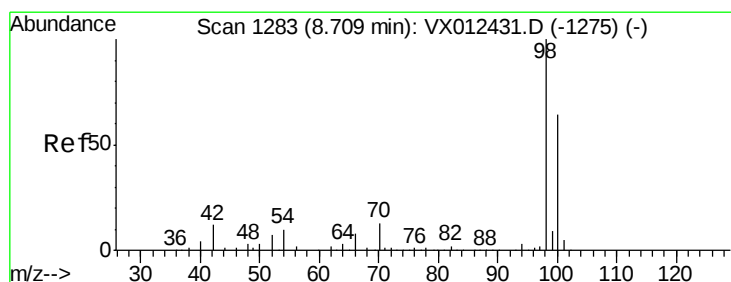
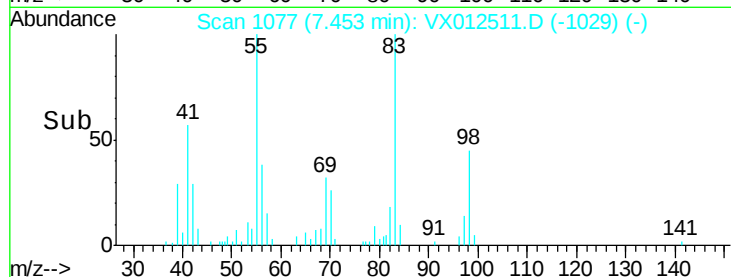
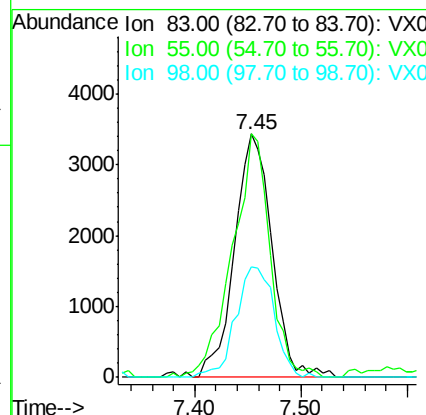
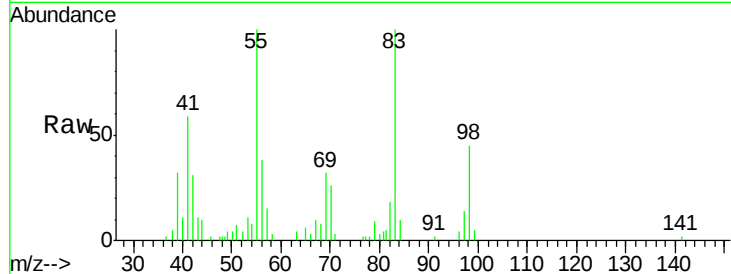
#39
Methvlcvclohexane
Concen: 4.541 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012511.D
Acq: 19 Sep 2019 06:34

Instrument :
MSVOA_X
ClientSampleId :
S13-0281

Tot Ion	83	Resp	8470
Ion Ratio	100	Lower	Upper
83	100		
55	99.9	64.4	96.6#
98	45.3	40.1	60.1

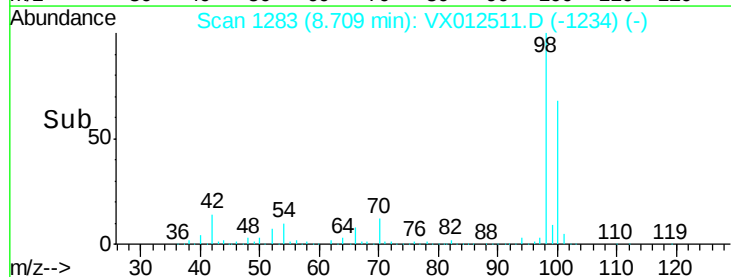
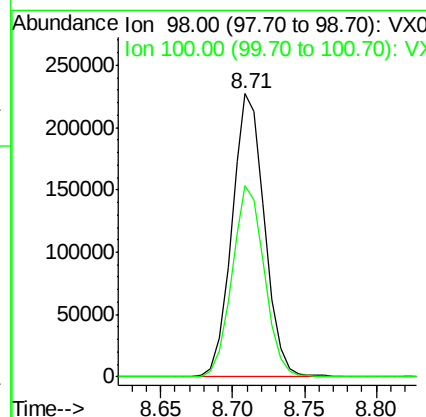
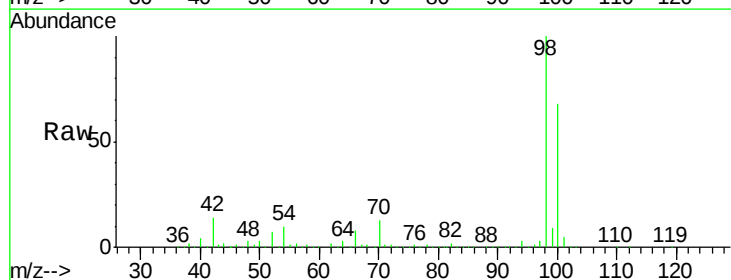
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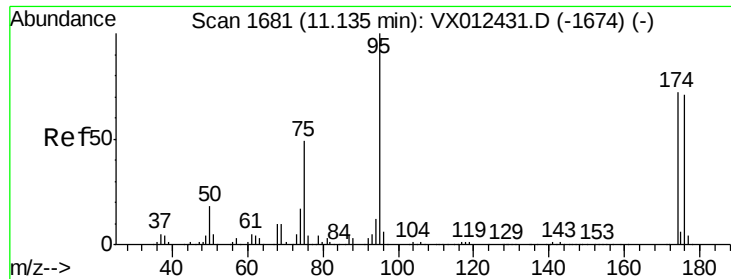
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#50
Toluene-d8
Concen: 50.230 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012511.D
Acq: 19 Sep 2019 06:34

Tgt Ion	98	Resp	355257
Ion Ratio	100	Lower	Upper
98	100		
100	67.9	53.4	80.2





#62

4-Bromofluorobenzene

Concen: 43.561 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

S13-0281

Tot Ion: 95 Resp: 127923

Ion Ratio Lower Upper

95 100

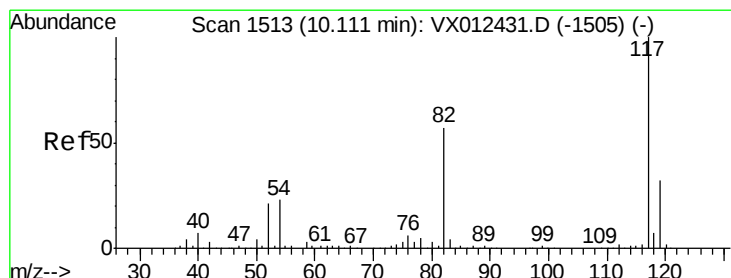
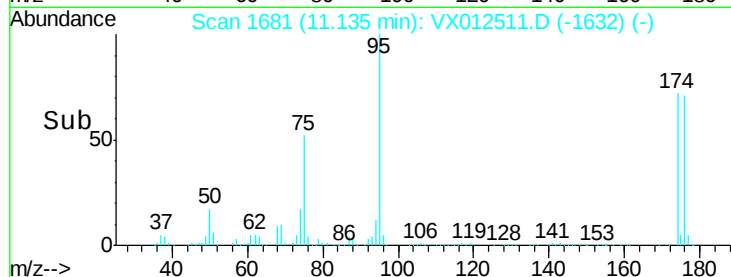
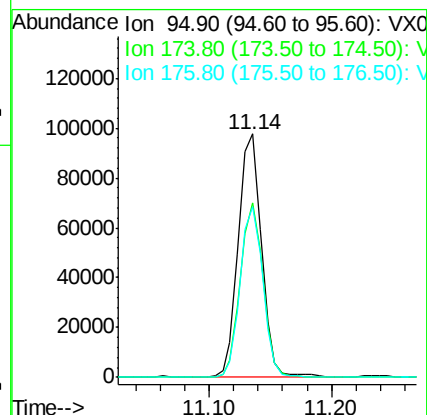
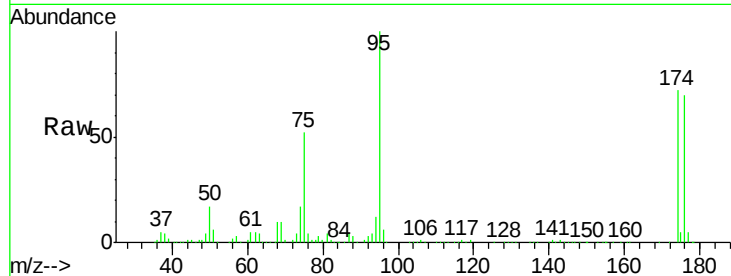
174 69.9 0.0 140.0

176 68.7 0.0 135.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

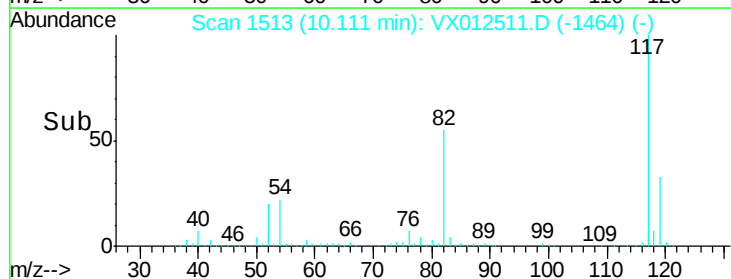
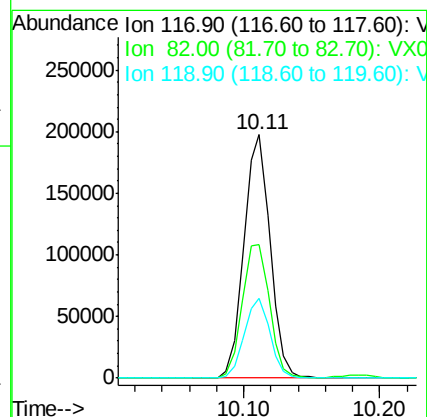
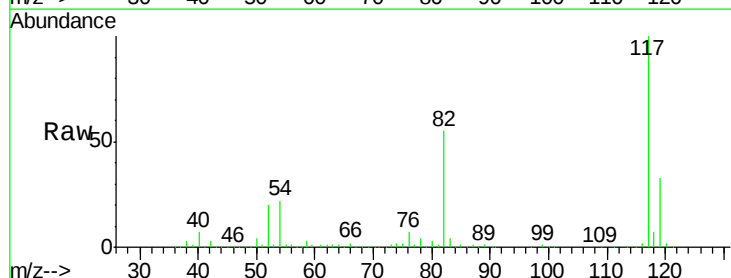
Tgt Ion: 117 Resp: 264828

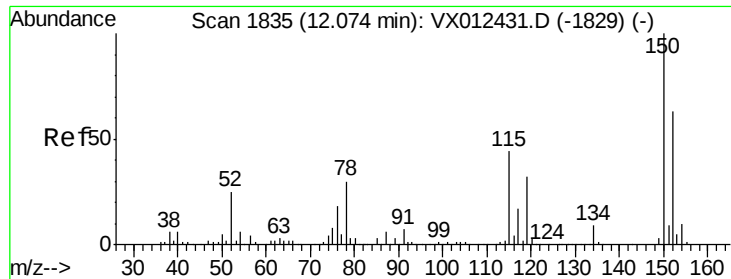
Ion Ratio Lower Upper

117 100

82 55.0 45.9 68.9

119 32.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012511.D

Acq: 19 Sep 2019 06:34

Instrument :

MSVOA_X

ClientSampleId :

S13-0281

Tot Ion:152 Resp: 109262

Ion Ratio Lower Upper

152 100

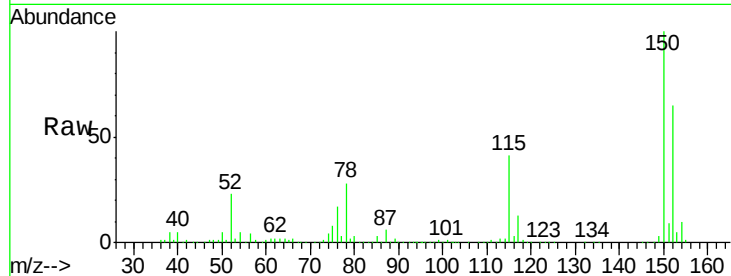
115 62.0 44.1 132.3

150 154.6 0.0 343.8

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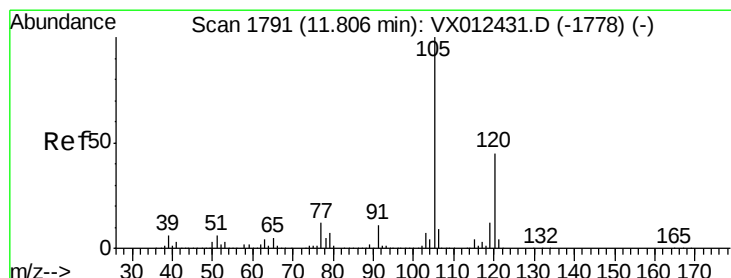
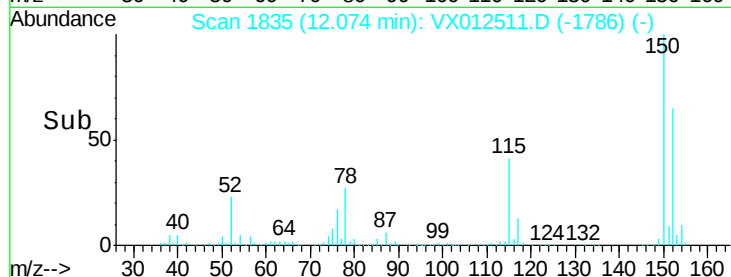
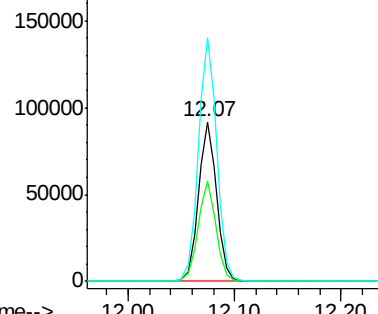
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 0.940 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012511.D

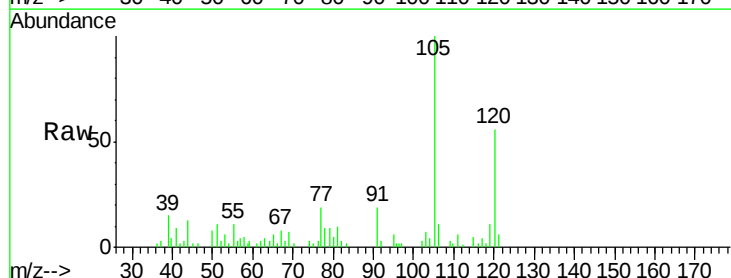
Acq: 19 Sep 2019 06:34

Tgt Ion:105 Resp: 5644

Ion Ratio Lower Upper

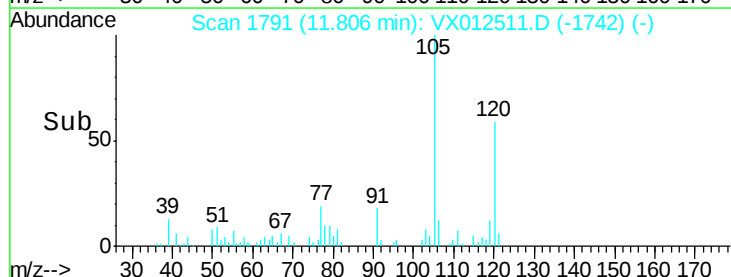
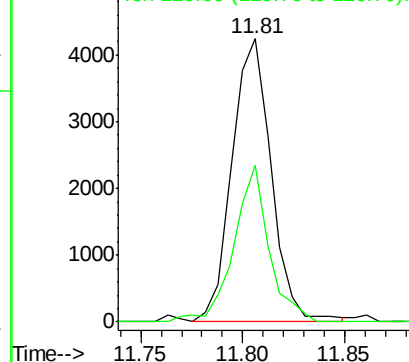
105 100

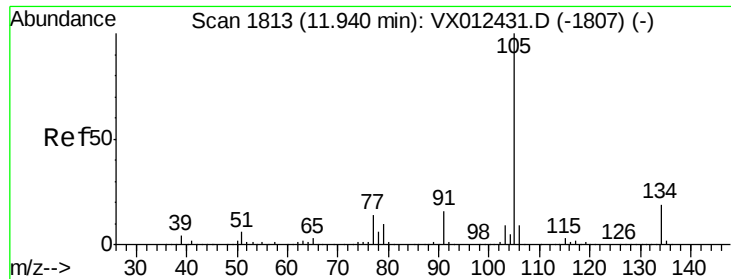
120 49.5 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





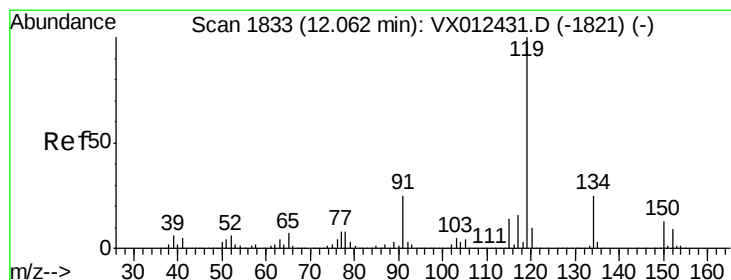
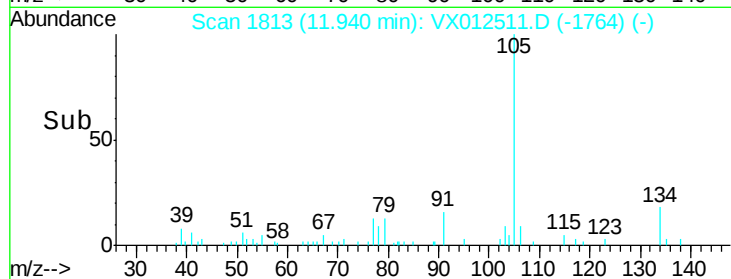
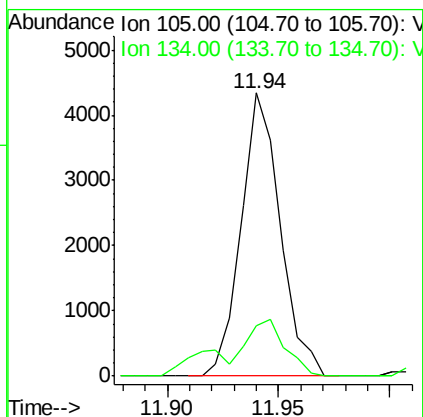
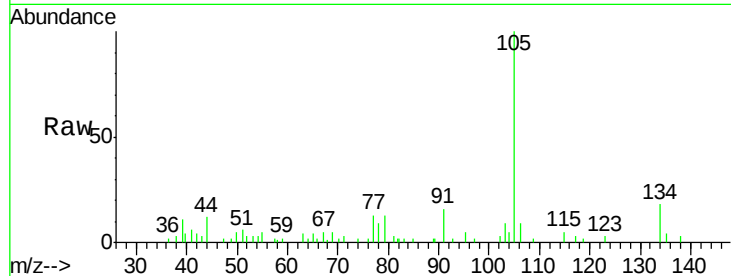
#85
 sec-Butylbenzene
 Concen: 0.770 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012511.D
 Acq: 19 Sep 2019 06:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0281

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.4

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#86
 p-Isopropyltoluene
 Concen: 0.347 ug/l m
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012511.D
 Acq: 19 Sep 2019 06:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	22.5	12.7	38.1
91	24.9	12.8	38.4

