

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007201.D
 Acq On : 24 Jan 2019 14:09
 Operator : JC/SP
 Sample : K1227-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190122

Manual Integrations
 APPROVED

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 1/25/2019 10:31:02 AM

Quant Time: Jan 25 01:11:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	537673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	831287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	752244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	370032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	294833	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
35) Dibromofluoromethane	5.50	113	263818	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	8.71	98	976971	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.13	95	343351	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	43142	7.803	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	3313	0.602	ug/l	81
27) cis-1,2-Dichloroethene	4.60	96	688905	113.414	ug/l	93
39) Methylcyclohexane	7.45	83	3179	0.345	ug/l #	38
40) Benzene	6.15	78	9113	0.413	ug/l	98
44) Trichloroethene	7.22	130	14425	2.183	ug/l	88
64) Tetrachloroethene	9.34	164	21888	3.361	ug/l	95
65) Chlorobenzene	10.14	112	1138185	69.373	ug/l	98
83) tert-Butylbenzene	11.77	119	69155	3.179	ug/l	92
85) sec-Butylbenzene	11.94	105	23728	0.913	ug/l #	55
87) 1,3-Dichlorobenzene	12.03	146	5211	0.401	ug/l	89
88) 1,4-Dichlorobenzene	12.10	146	13045m	1.201	ug/l	

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

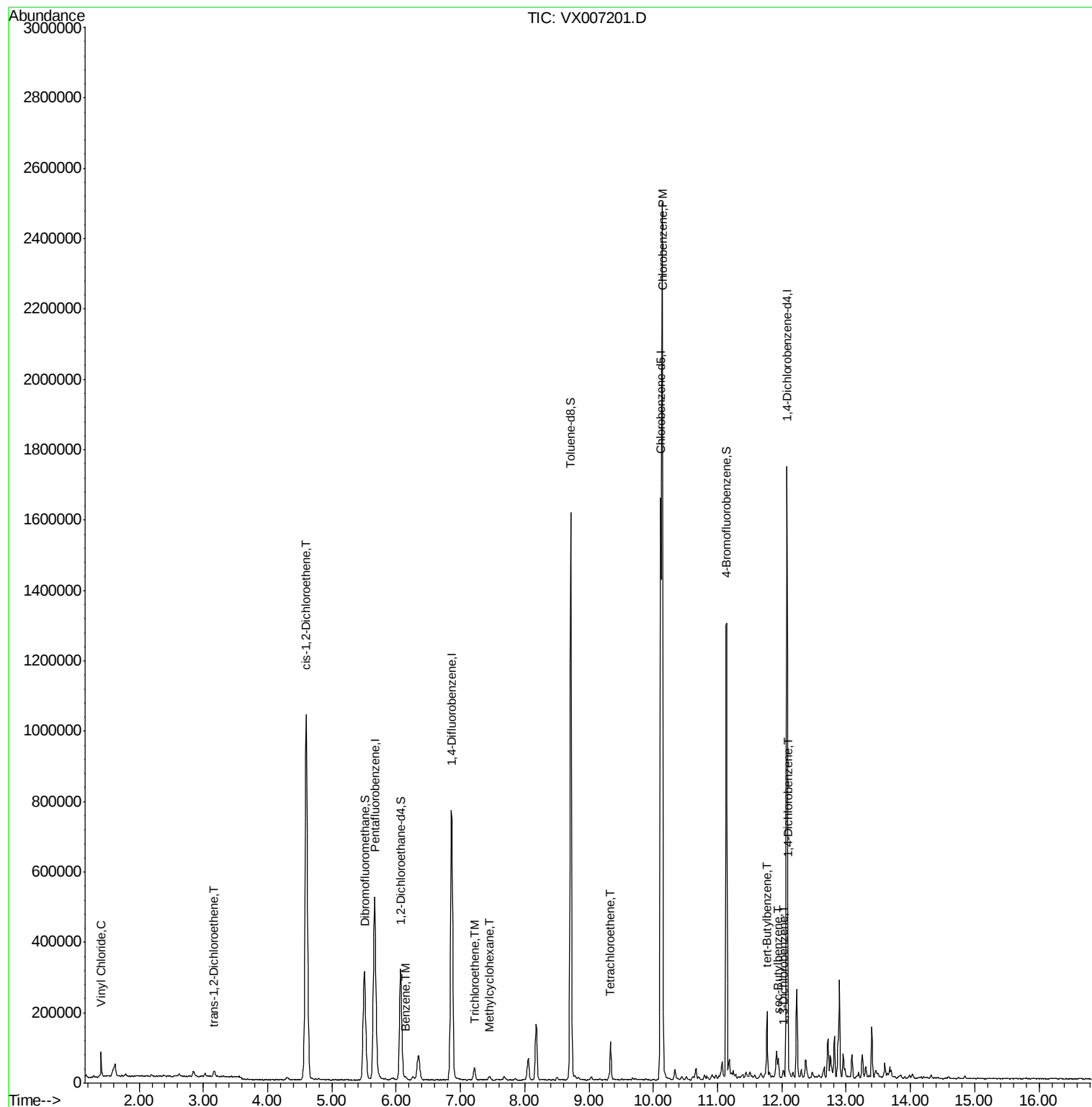
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012419\
Data File : VX007201.D
Acq On : 24 Jan 2019 14:09
Operator : JC/SP
Sample : K1227-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

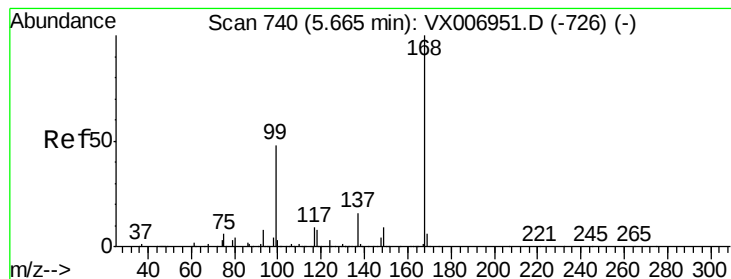
Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jan 25 01:11:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

Tot Ion:168 Resp: 537673

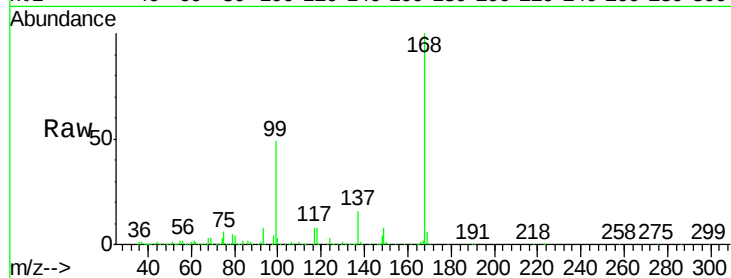
Ion Ratio Lower Upper

168 100

99 48.5 41.8 62.8

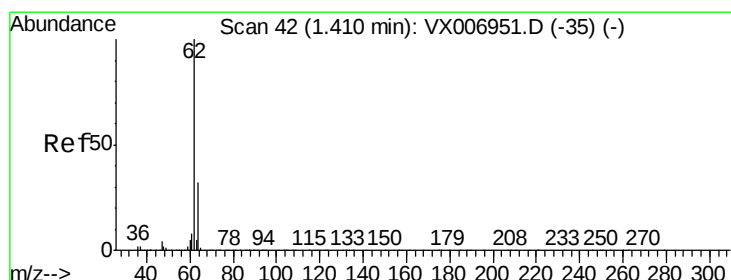
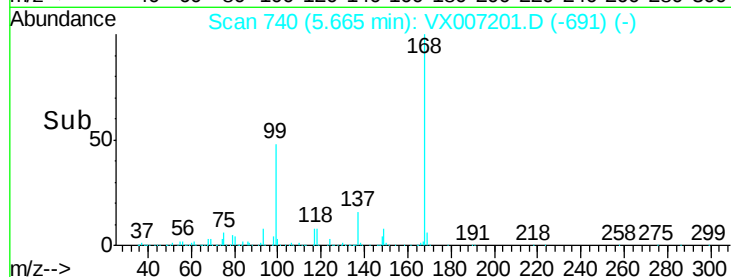
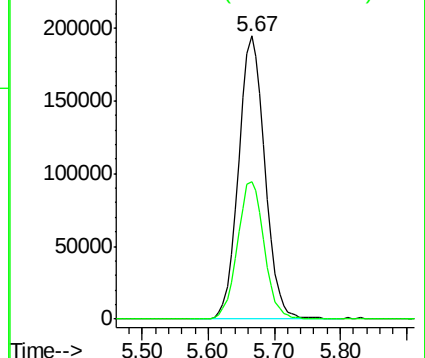
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 7.803 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007201.D

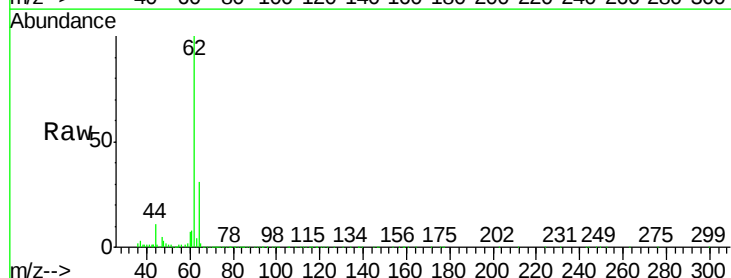
Acq: 24 Jan 2019 14:09

Tgt Ion: 62 Resp: 43142

Ion Ratio Lower Upper

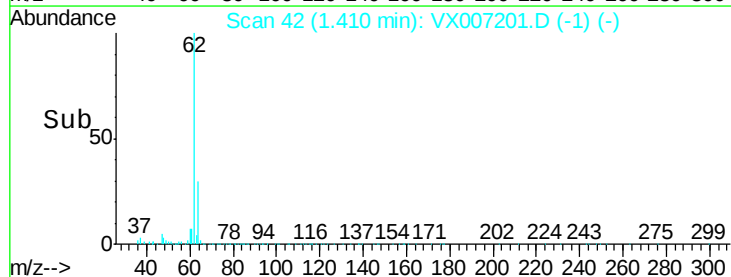
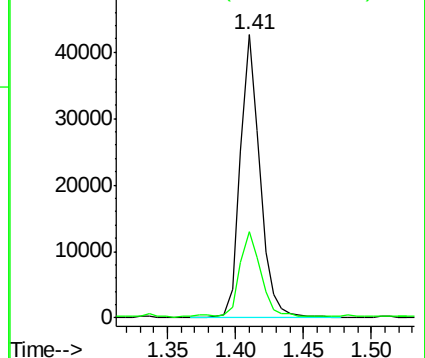
62 100

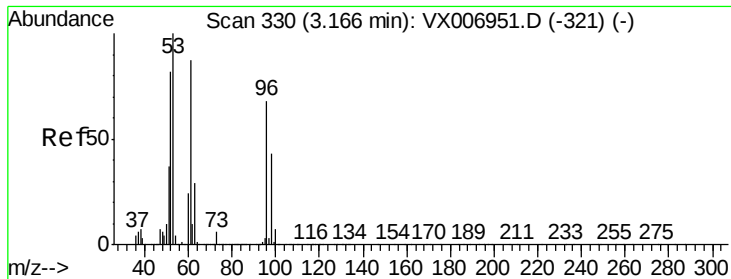
64 30.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.602 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

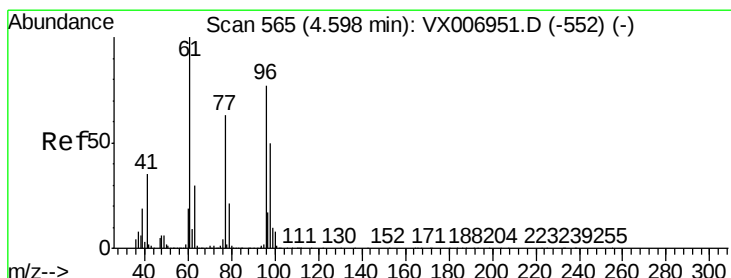
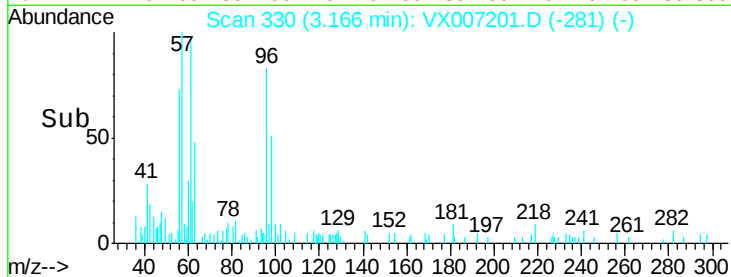
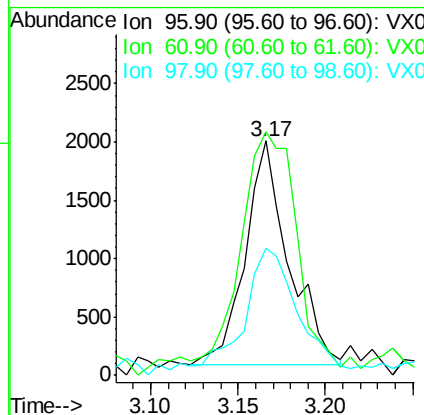
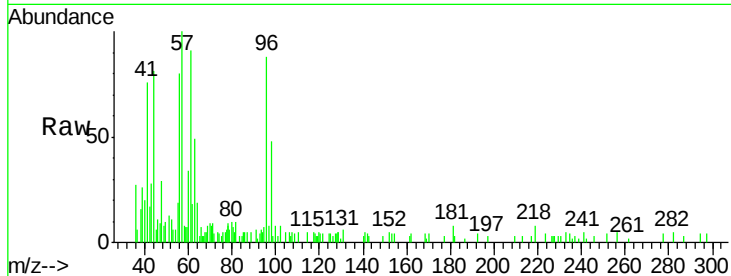
ClientSampleId :

SS038RW151-190122

Tot Ion:	96	Resp:	3313
Ion	Ratio	Lower	Upper
96	100		
61	105.2	103.7	155.5
98	53.1	51.0	76.6

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#27

cis-1,2-Dichloroethene

Concen: 113.414 ug/l

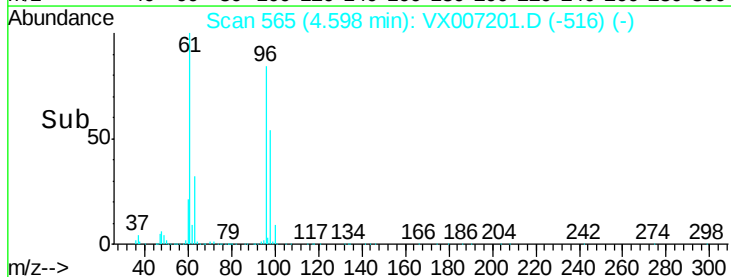
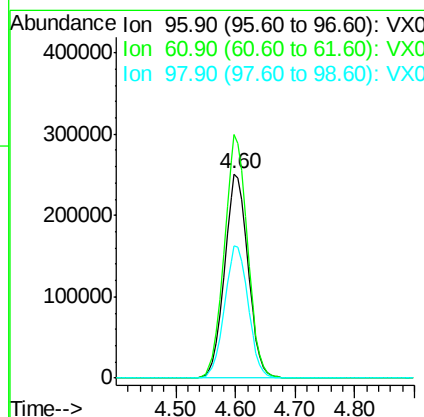
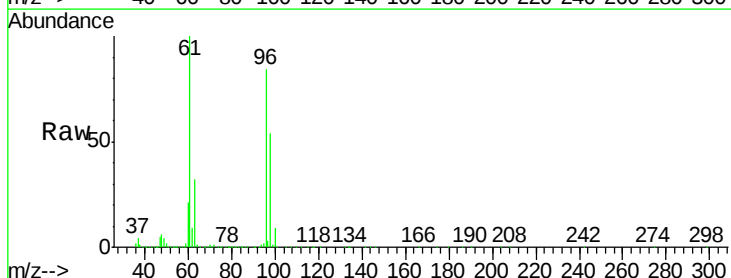
RT: 4.60 min Scan# 565

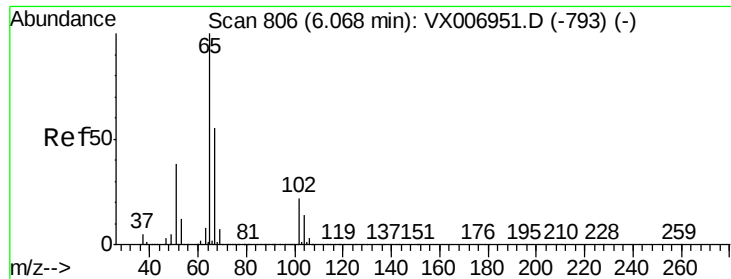
Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Tgt Ion:	96	Resp:	688905
Ion	Ratio	Lower	Upper
96	100		
61	117.3	0.0	258.6
98	65.2	0.0	132.0





#33

1,2-Dichloroethane-d4

Concen: 52.469 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

Tot Ion: 65 Resp: 294833

Ion Ratio Lower Upper

65 100

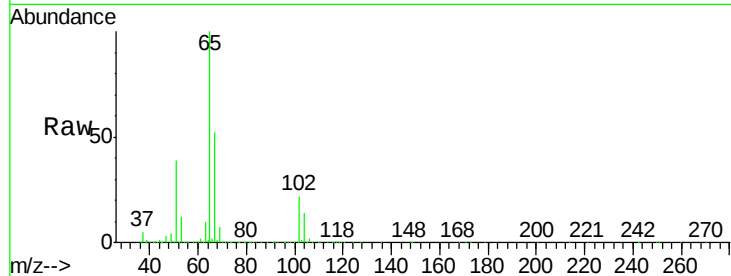
67 53.0 0.0 105.0

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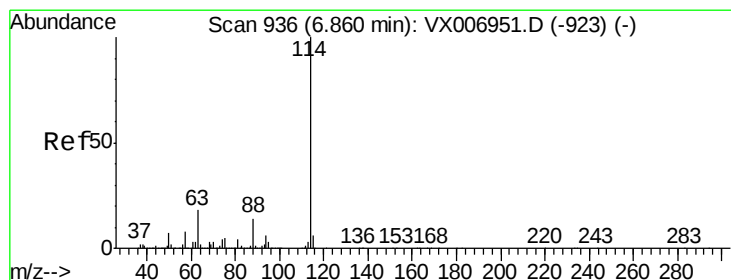
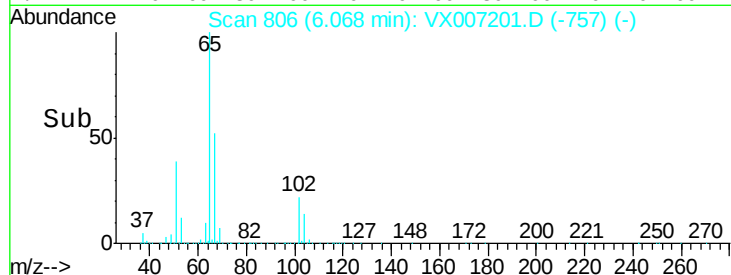
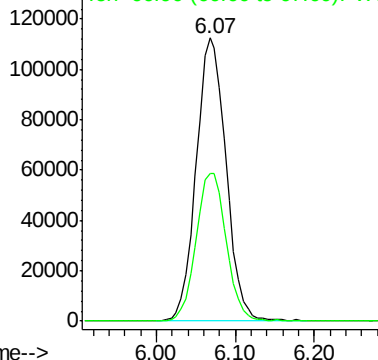
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

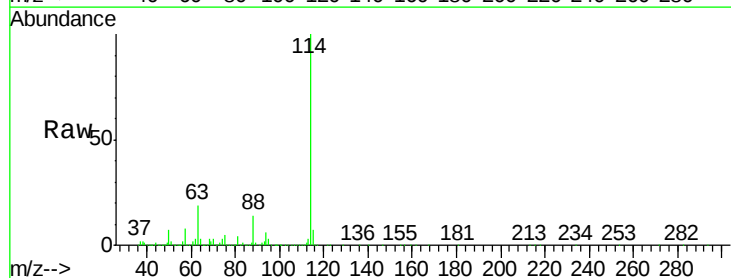
Tgt Ion: 114 Resp: 831287

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.8

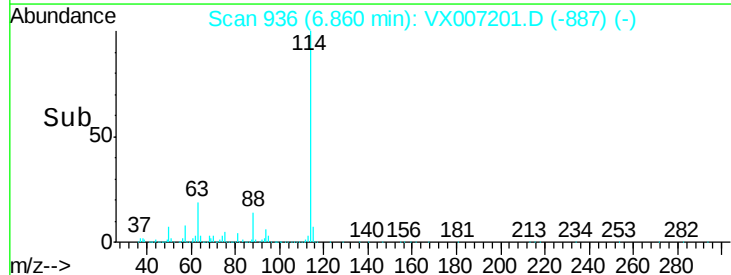
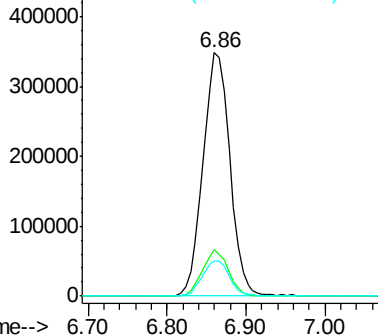
88 14.4 0.0 28.8

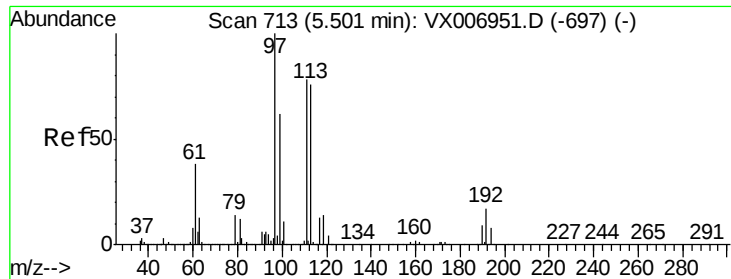


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.557 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

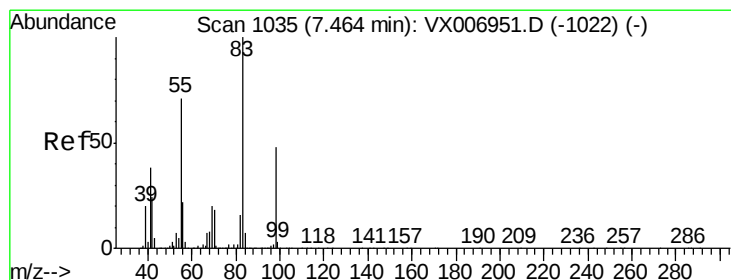
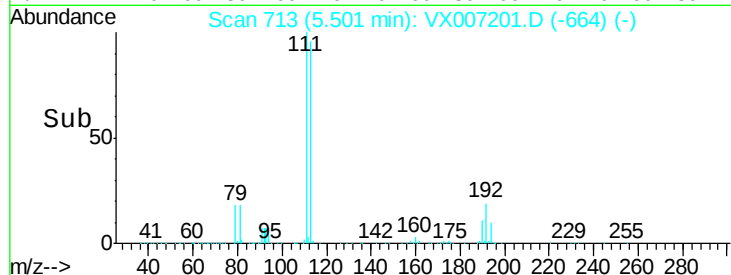
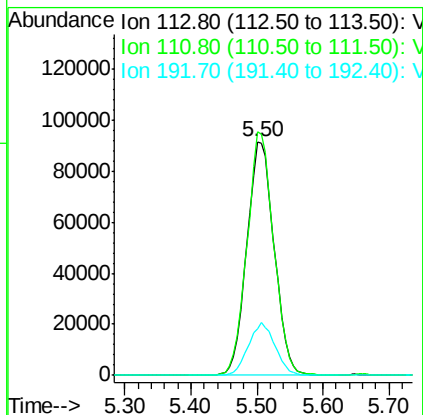
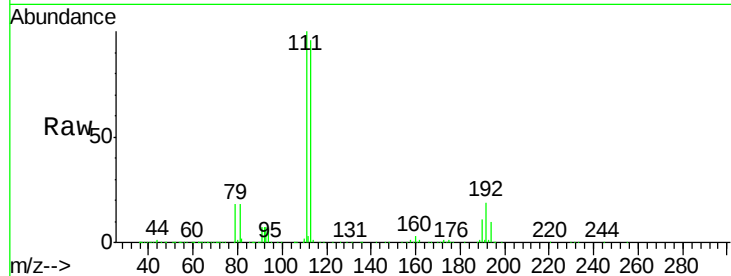
ClientSampleId :

SS038RW151-190122

Tot Ion:	113	Resp:	263818
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.6	122.4
192	22.1	16.7	25.1

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#39

Methylcyclohexane

Concen: 0.345 ug/l

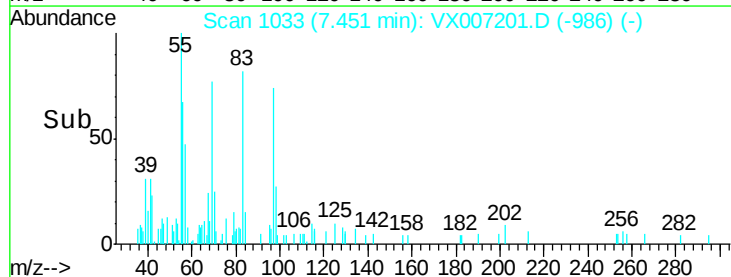
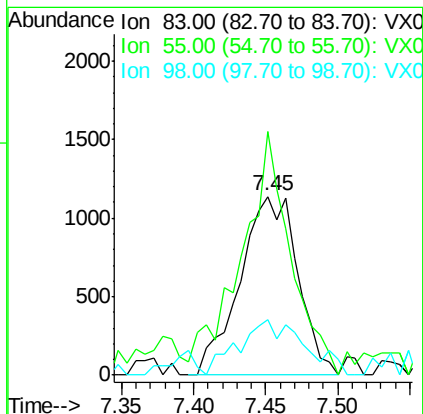
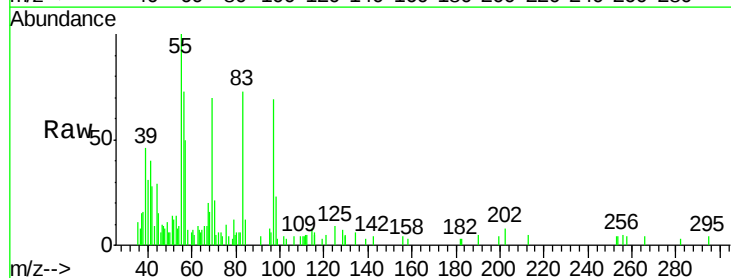
RT: 7.45 min Scan# 1033

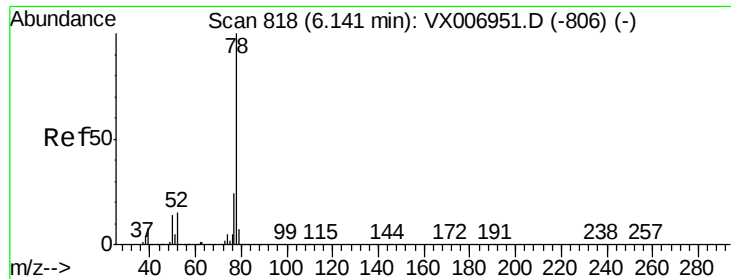
Delta R.T. -0.01 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Tgt Ion:	83	Resp:	3179
Ion Ratio	Lower	Upper	
83	100		
55	136.3	54.9	82.3#
98	26.7	37.9	56.9#





#40

Benzene

Concen: 0.413 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

Tot Ion: 78 Resp: 9113

Ion Ratio Lower Upper

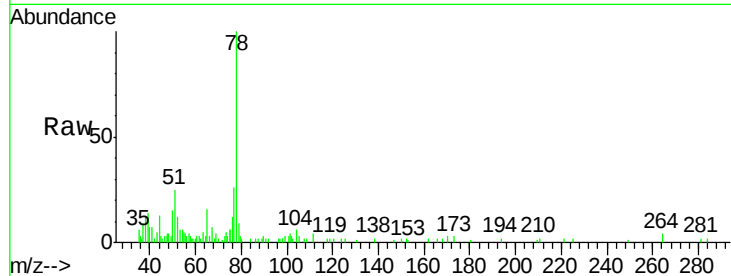
78 100

77 23.0 19.2 28.8

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

4000

3000

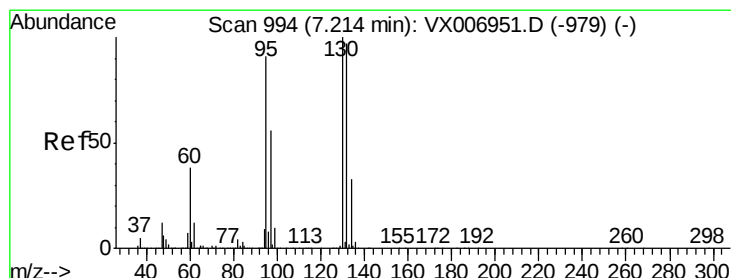
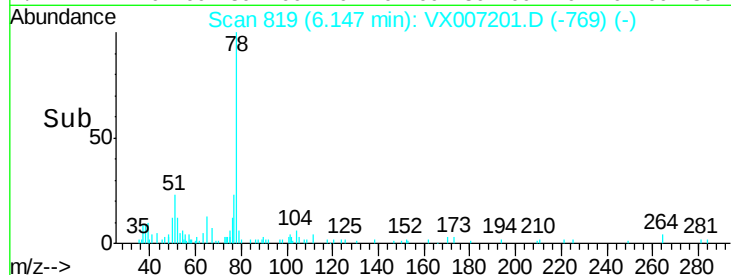
2000

1000

0

6.05 6.10 6.15 6.20 6.25

Time-->



#44

Trichloroethene

Concen: 2.183 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX007201.D

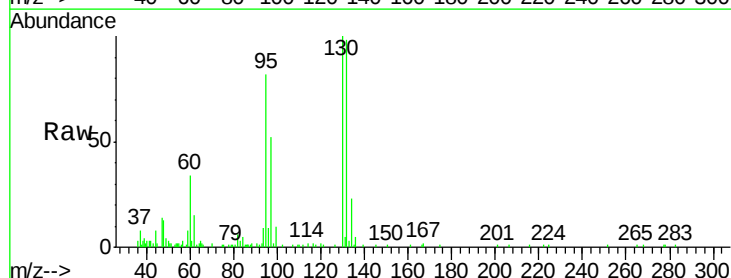
Acq: 24 Jan 2019 14:09

Tgt Ion: 130 Resp: 14425

Ion Ratio Lower Upper

130 100

95 82.0 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

6000

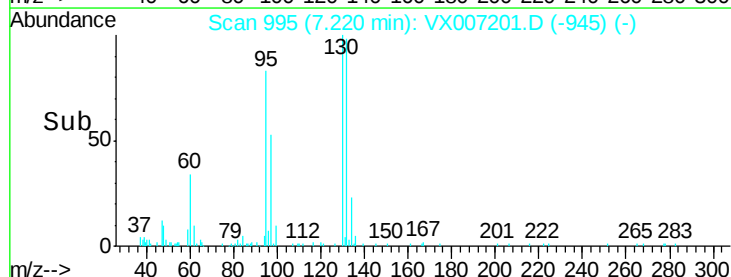
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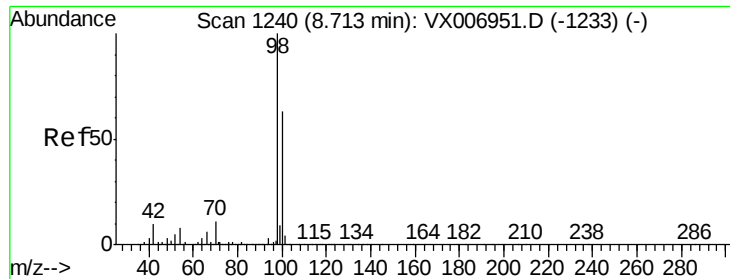
2000

0

7.15 7.20 7.25 7.30

Time-->





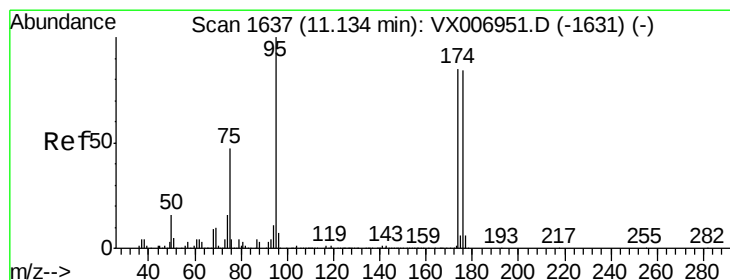
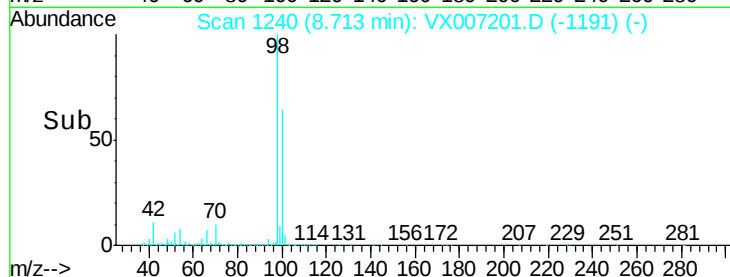
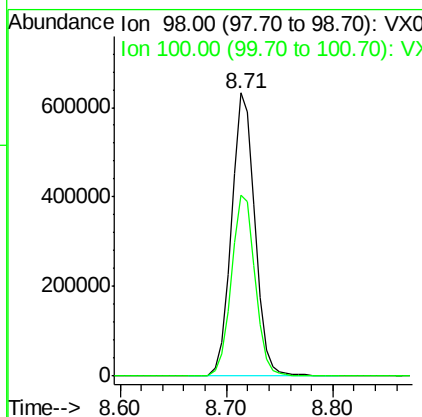
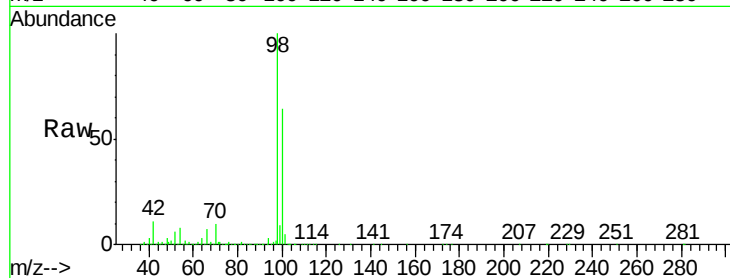
#50
Toluene-d8
Concen: 50.138 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007201.D
Acq: 24 Jan 2019 14:09

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190122

Tot Ion	98	100	Ratio	Lower	Upper
98	100				
100	64.9	52.0			78.0

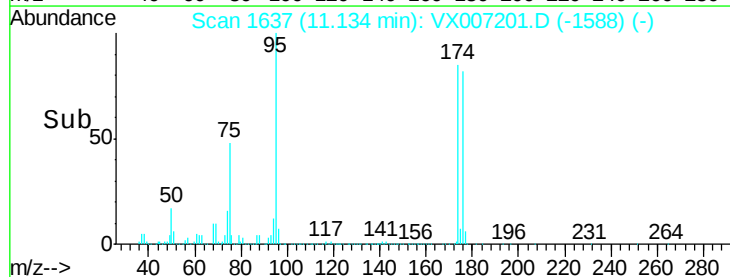
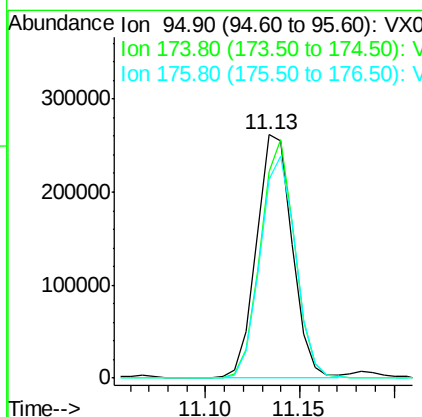
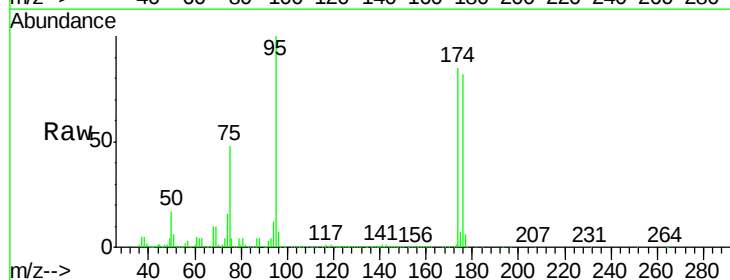
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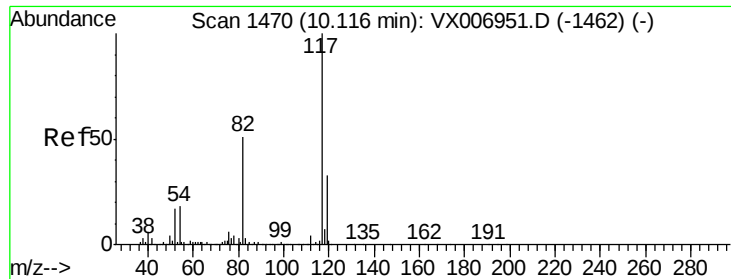
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#62
4-Bromofluorobenzene
Concen: 50.543 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007201.D
Acq: 24 Jan 2019 14:09

Tgt Ion	95	174	176	Ratio	Lower	Upper
95	100					
174	94.1	0.0	182.2			
176	90.3	0.0	178.8			





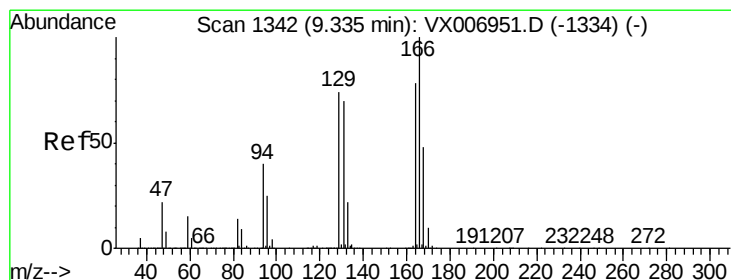
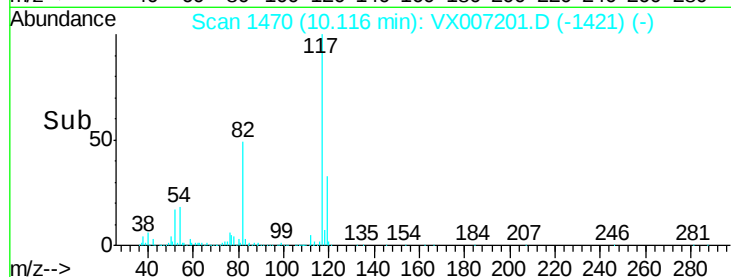
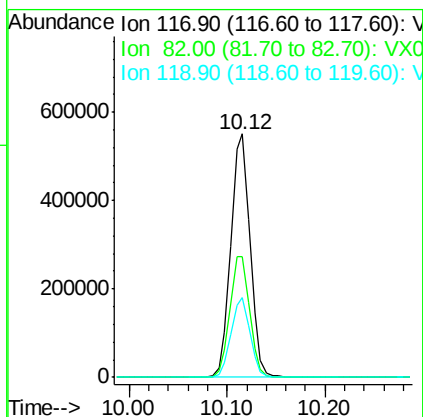
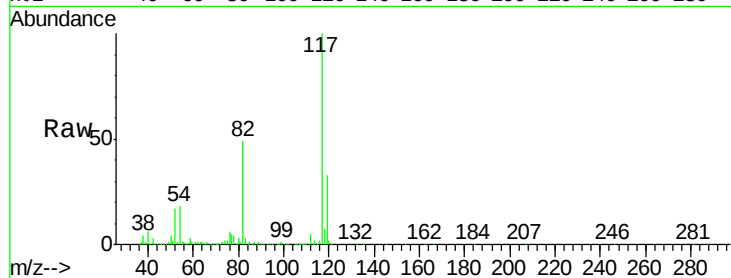
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007201.D
Acq: 24 Jan 2019 14:09

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190122

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	41.0	61.6
119	32.7	25.4	38.0

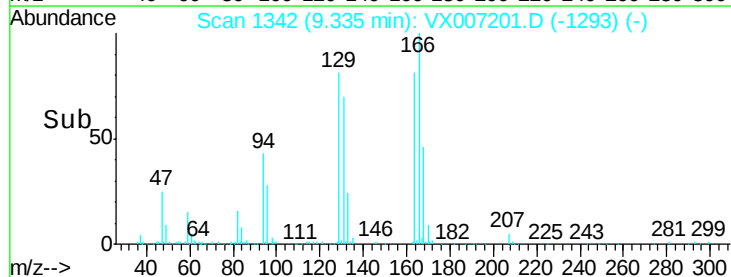
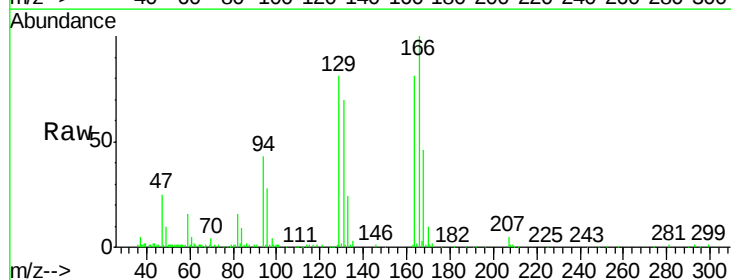
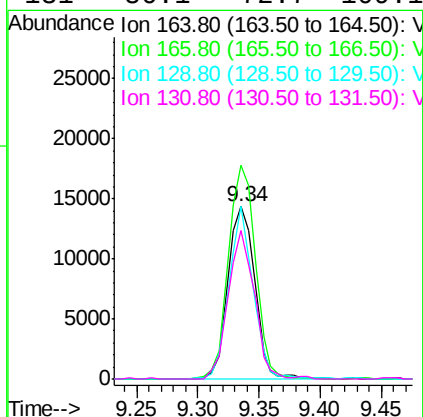
Manual Integrations
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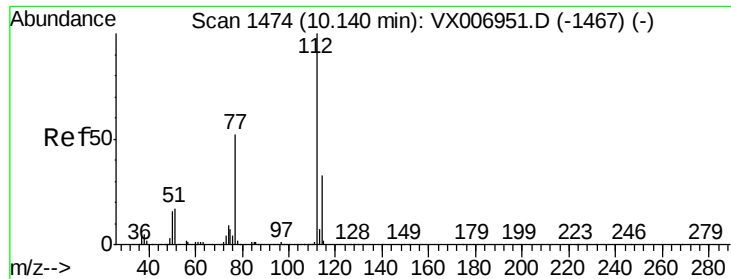
MMDadoda
1/25/2019 10:31:02 AM



#64
Tetrachloroethene
Concen: 3.361 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007201.D
Acq: 24 Jan 2019 14:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	102.5	153.7
129	100.1	75.1	112.7
131	86.1	72.7	109.1





#65

Chlorobenzene

Concen: 69.373 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

Tot Ion:112 Resp: 1138185

Ion Ratio Lower Upper

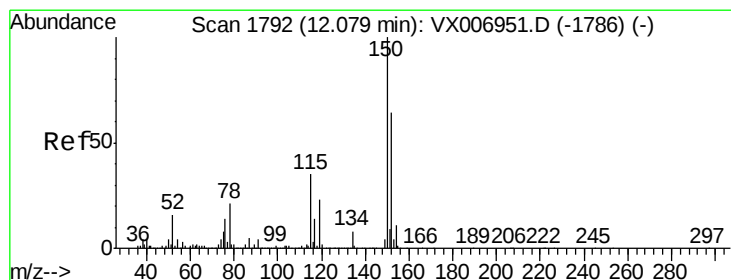
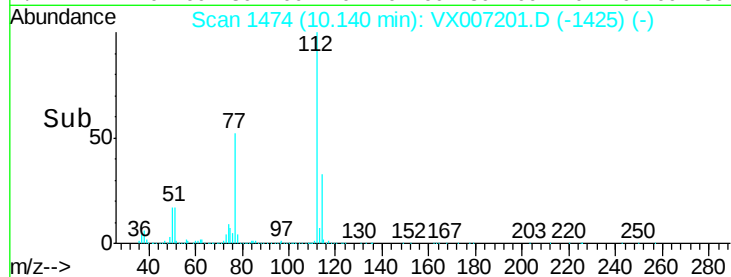
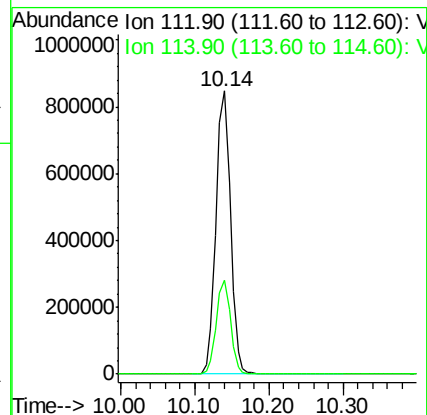
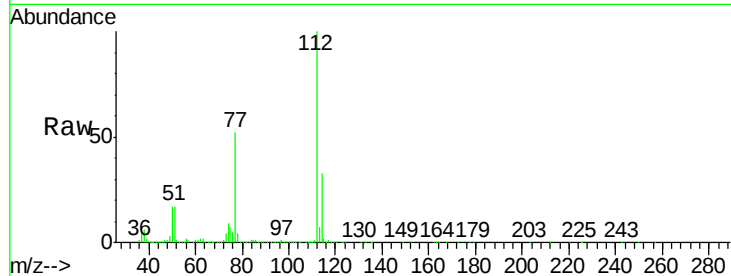
112 100

114 33.1 25.7 38.5

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

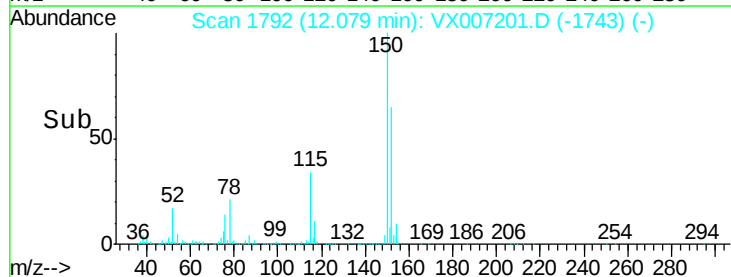
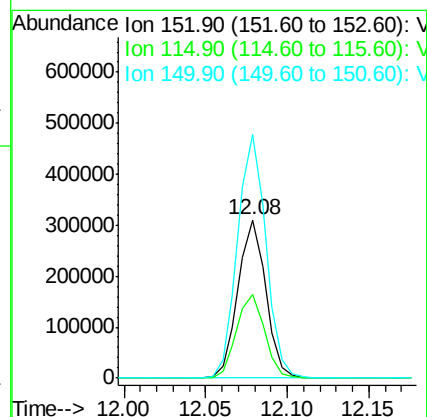
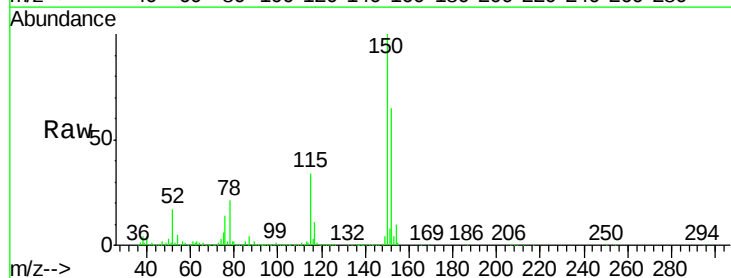
Tgt Ion:152 Resp: 370032

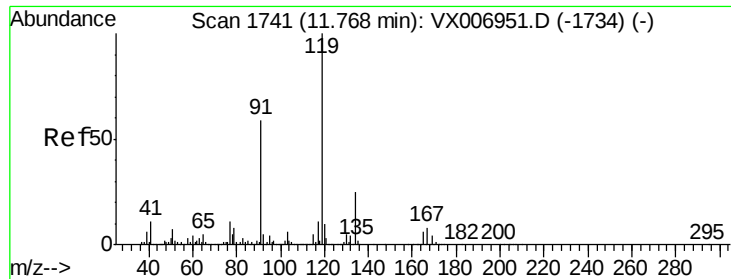
Ion Ratio Lower Upper

152 100

115 54.1 39.1 117.2

150 156.7 0.0 344.8





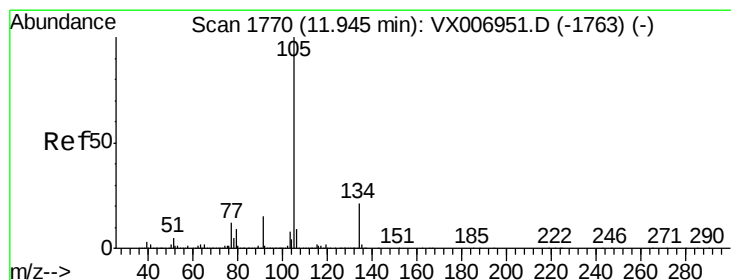
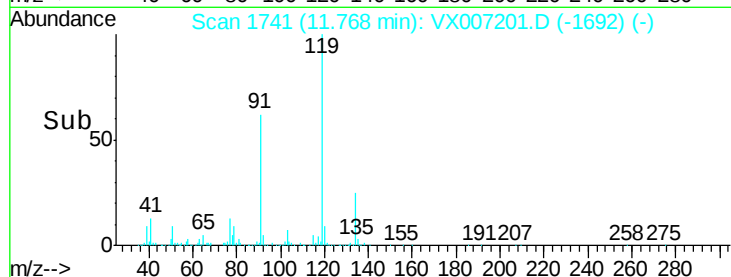
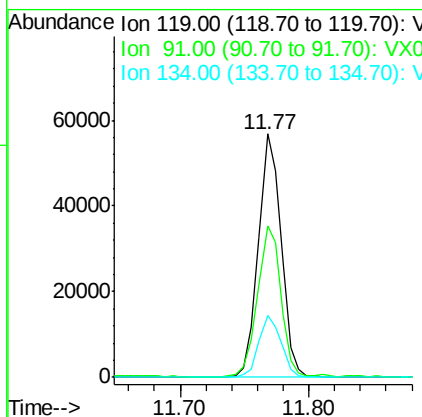
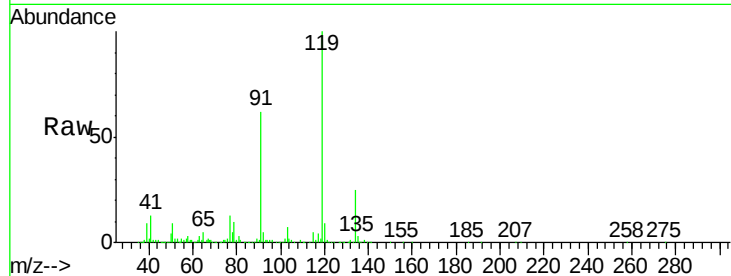
#83
tert-Butylbenzene
Concen: 3.179 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007201.D
Acq: 24 Jan 2019 14:09

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190122

Tot Ion	Ratio	Resp	Lower	Upper
119	100	69155		
91	62.8		27.7	83.1
134	24.9		11.9	35.5

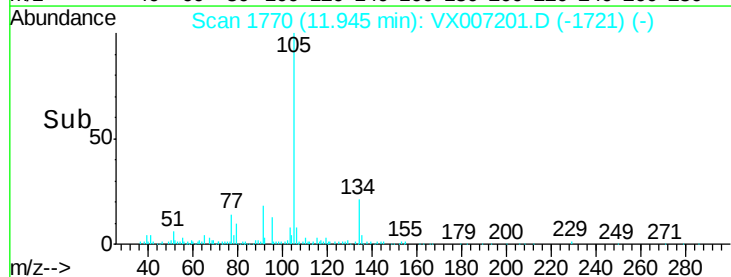
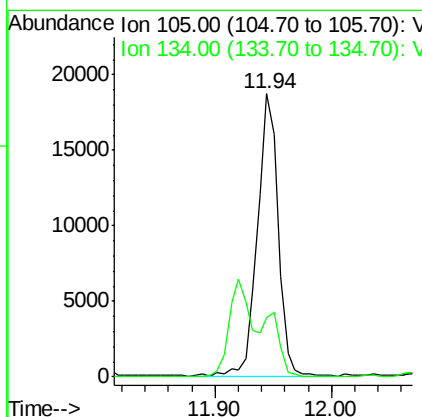
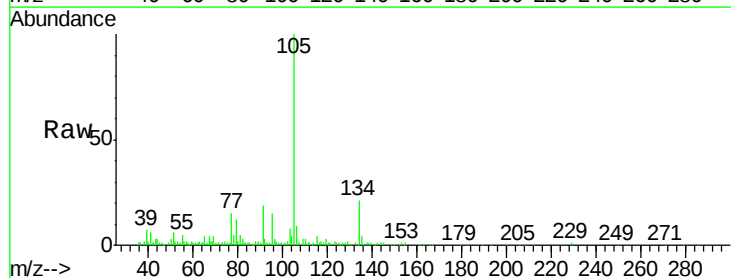
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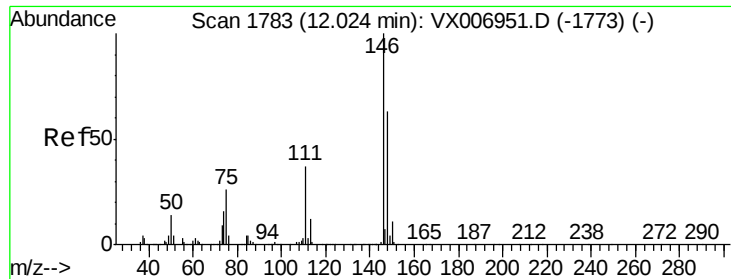
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#85
sec-Butylbenzene
Concen: 0.913 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX007201.D
Acq: 24 Jan 2019 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	23728		
134	0.0		10.7	31.9#





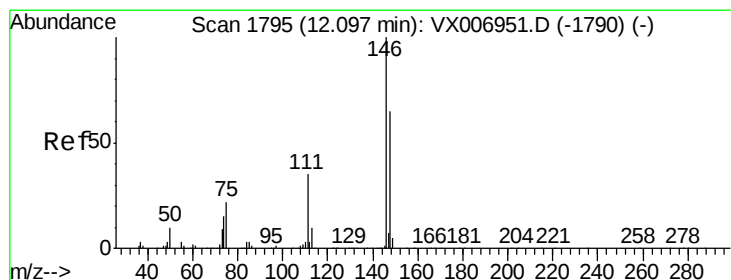
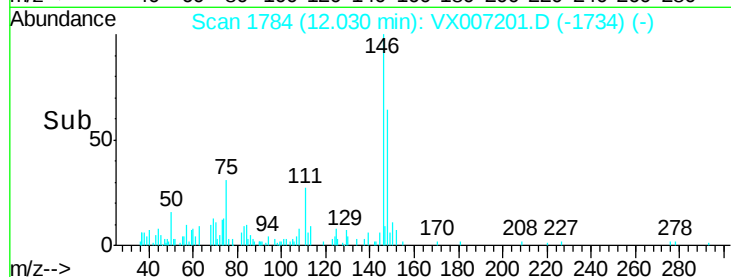
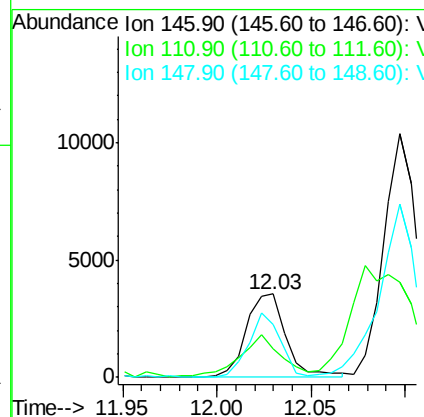
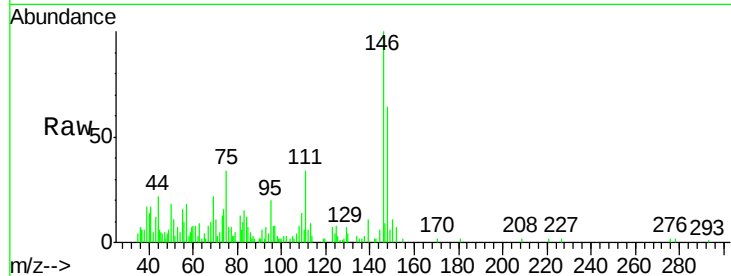
#87
 1,3-Dichlorobenzene
 Concen: 0.401 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX007201.D
 Acq: 24 Jan 2019 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190122

Tot Ion	Ratio	Lower	Upper
146	100		
111	53.0	18.6	55.8
148	61.7	31.8	95.3

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#88
 1,4-Dichlorobenzene
 Concen: 1.201 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007201.D
 Acq: 24 Jan 2019 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	21.2	18.1	54.1
148	24.7	31.9	95.9#

