

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007136.D
 Acq On : 18 Jan 2019 15:48
 Operator : JC/SP
 Sample : K1195-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW082-160116

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 10:59:22 AM

Quant Time: Jan 18 22:38:25 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	513513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	787300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	748020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	373716	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	275455	51.33	ug/l	0.00
Spiked Amount						
			Recovery	=	102.66%	
35) Dibromofluoromethane	5.51	113	246719	48.93	ug/l	0.00
Spiked Amount						
			Recovery	=	97.86%	
50) Toluene-d8	8.71	98	947299	51.33	ug/l	0.00
Spiked Amount						
			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.13	95	341884	53.14	ug/l	0.00
Spiked Amount						
			Recovery	=	106.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	83843	15.877	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	233237	40.204	ug/l	93
31) Cyclohexane	5.58	56	4110	0.543	ug/l #	83
39) Methylcyclohexane	7.46	83	5180	0.594	ug/l #	72
40) Benzene	6.14	78	17549	0.840	ug/l	92
44) Trichloroethene	7.21	130	2890	0.462	ug/l	99
64) Tetrachloroethene	9.34	164	2914	0.450	ug/l	93
65) Chlorobenzene	10.14	112	800510	49.067	ug/l	98
83) tert-Butylbenzene	11.77	119	48177	2.193	ug/l	91
85) sec-Butylbenzene	11.94	105	31316	1.194	ug/l #	55
87) 1,3-Dichlorobenzene	12.02	146	4520	0.344	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	11267m	1.048	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	6915	0.534	ug/l	95

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

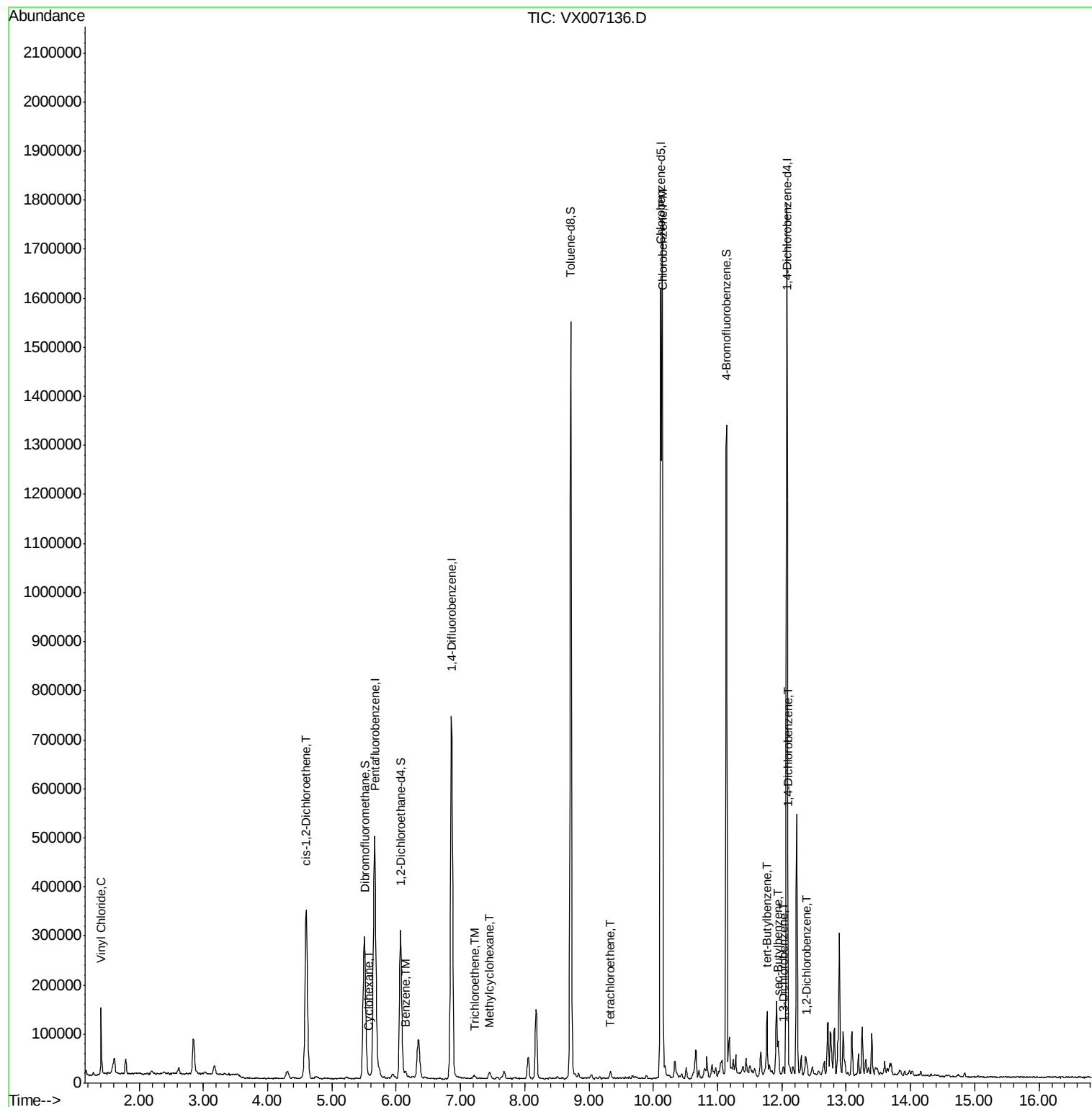
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007136.D
Acq On : 18 Jan 2019 15:48
Operator : JC/SP
Sample : K1195-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

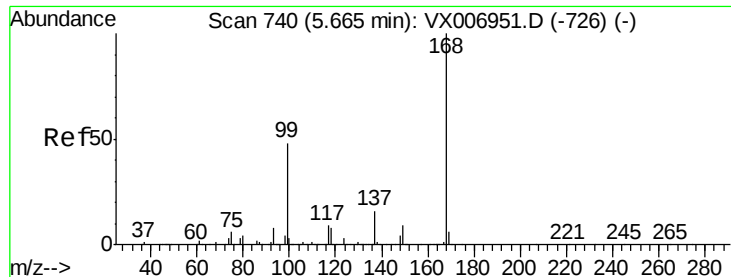
Instrument :
MSVOA_X
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Quant Time: Jan 18 22:38:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

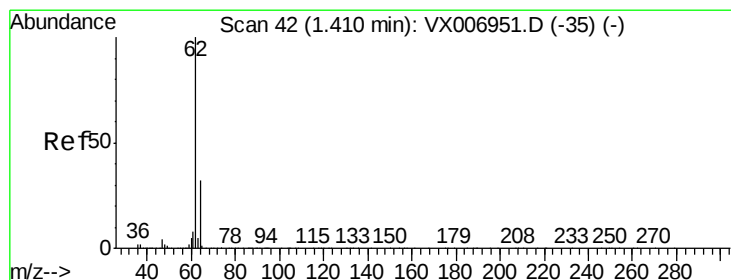
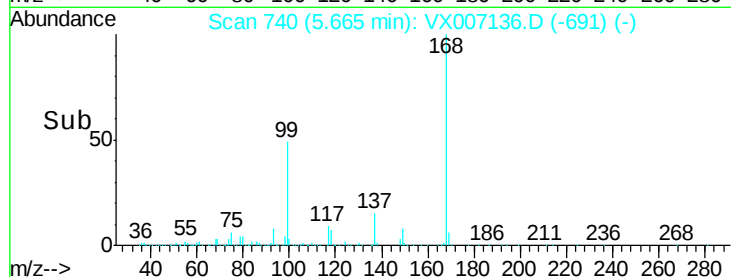
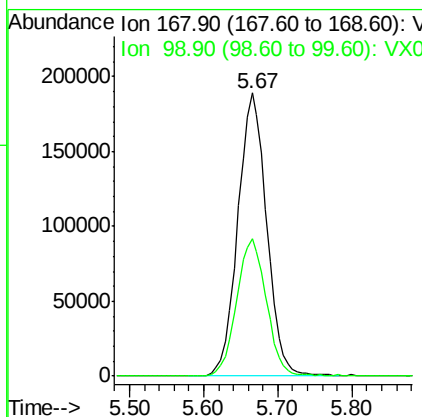
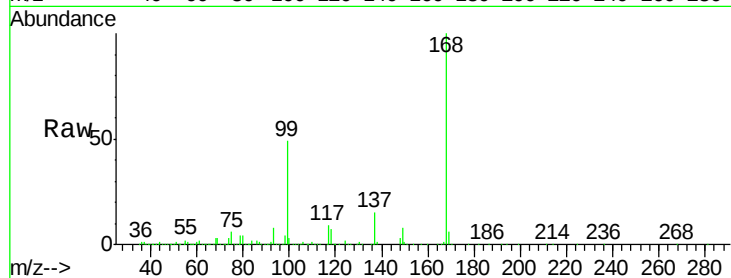
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX007136.D
 Acq: 18 Jan 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW082-160116

Tot Ion	Ratio	Resp	Lower	Upper
168	100	513513		
99	48.6		41.8	62.8

Manual Integrations
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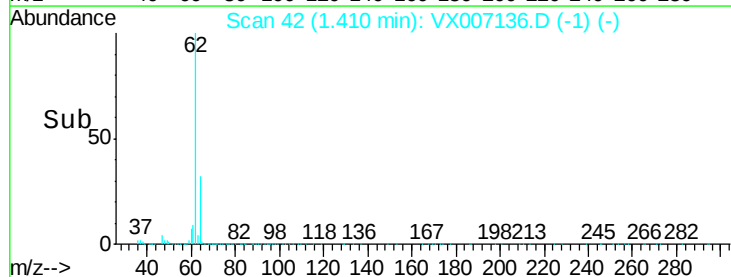
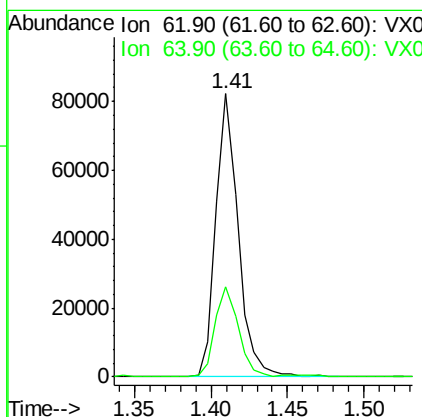
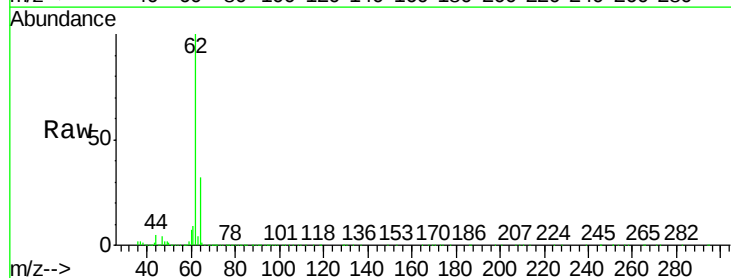
MMDadoda
 1/21/2019 10:59:22 AM

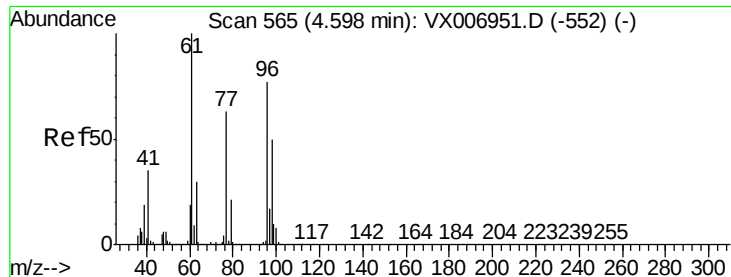


#4

Vinyl Chloride
 Concen: 15.877 ug/l
 RT: 1.41 min Scan# 42
 Delta R.T. -0.00 min
 Lab File: VX007136.D
 Acq: 18 Jan 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	83843		
64	31.8		25.1	37.7





#27

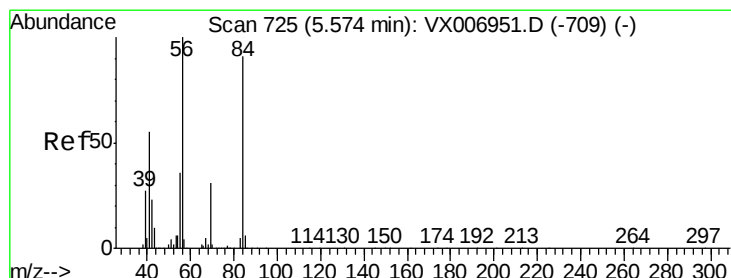
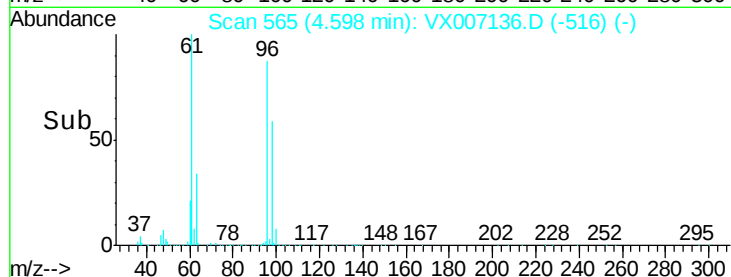
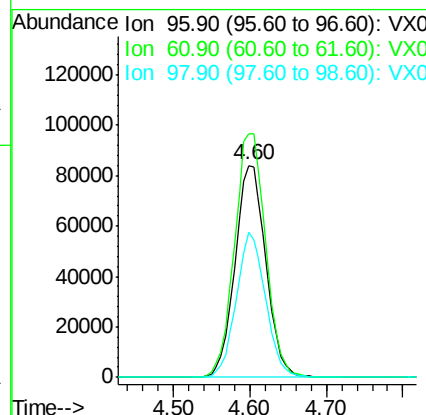
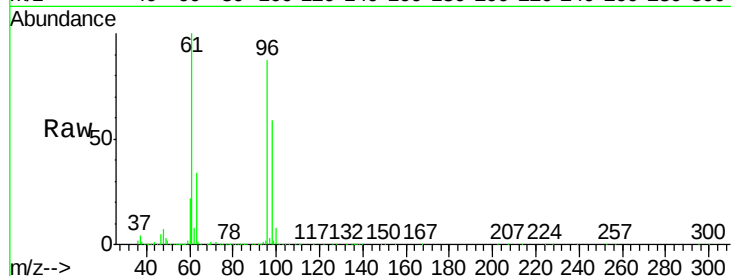
cis-1,2-Dichloroethene
 Concen: 40.204 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007136.D
 Acq: 18 Jan 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW082-160116

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.6	0.0	258.6
98	65.3	0.0	132.0

Manual Integrations
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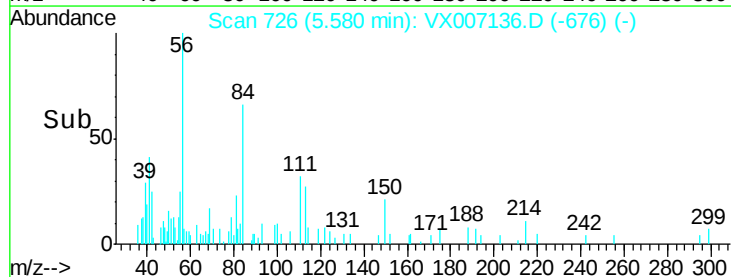
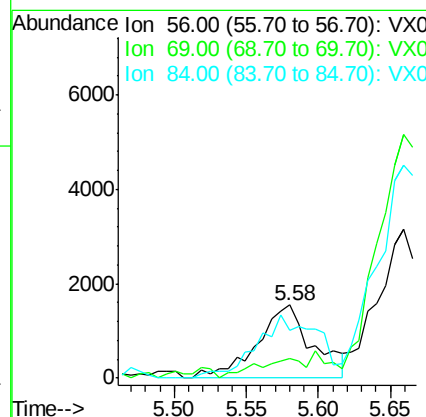
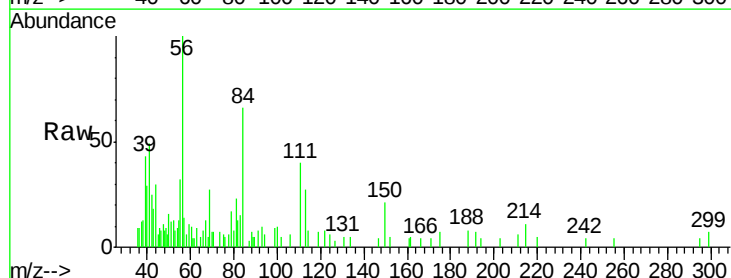
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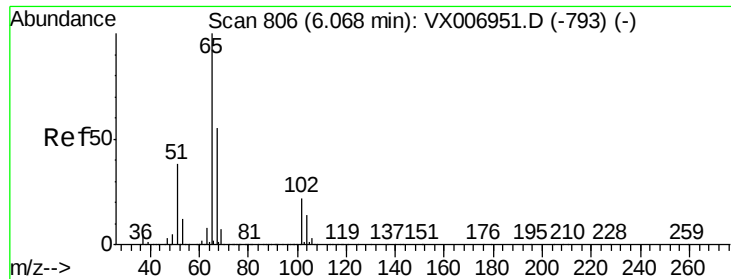


#31

Cyclohexane
 Concen: 0.543 ug/l
 RT: 5.58 min Scan# 726
 Delta R.T. 0.01 min
 Lab File: VX007136.D
 Acq: 18 Jan 2019 15:48

Tgt Ion	Ratio	Lower	Upper
56	100		
69	23.4	24.4	36.6#
84	70.3	70.0	105.0





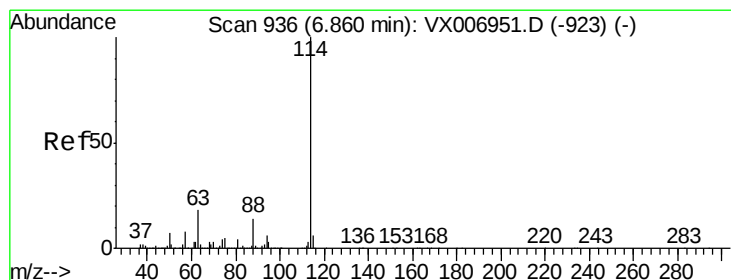
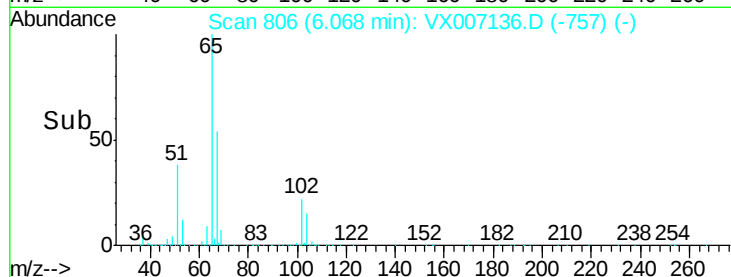
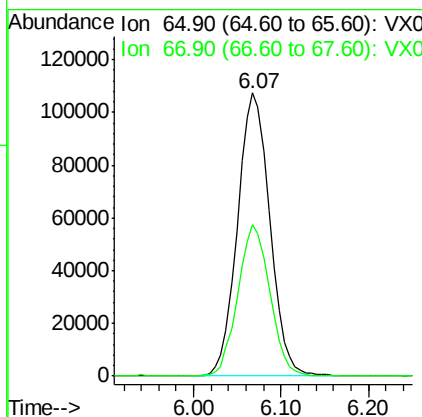
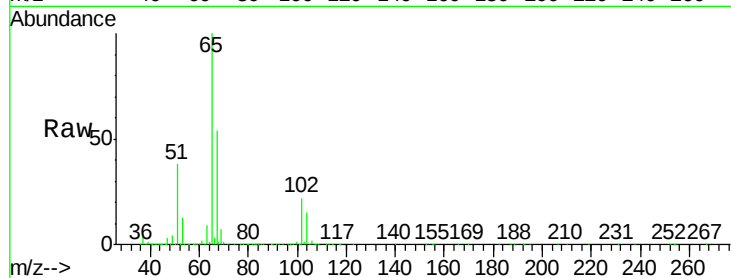
#33
 1,2-Dichloroethane-d4
 Concen: 51.327 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007136.D
 Acq: 18 Jan 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW082-160116

Tot Ion	Ratio	Resp	Lower	Upper
65	100	275455		
67	53.0	0.0	0.0	105.0

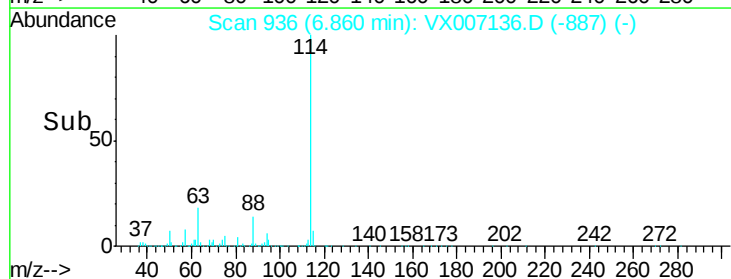
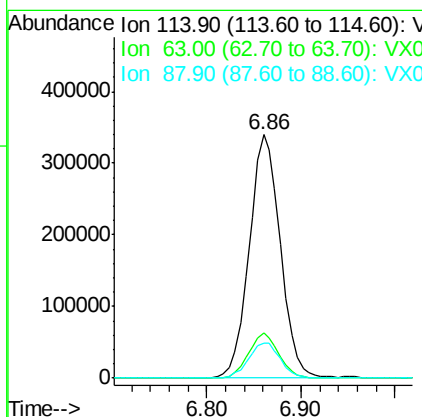
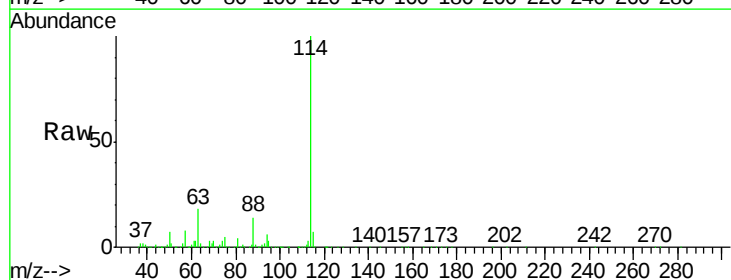
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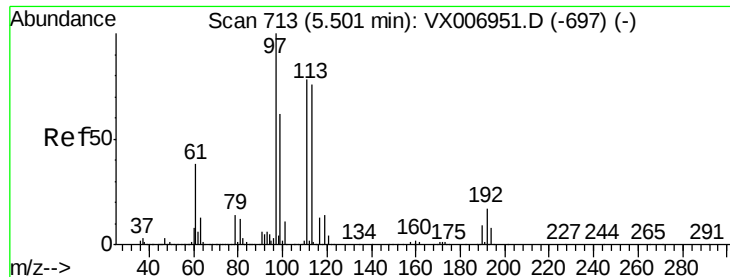
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007136.D
 Acq: 18 Jan 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	787300		
63	18.4	0.0	0.0	34.8
88	14.4	0.0	0.0	28.8





#35

Dibromofluoromethane

Concen: 48.934 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

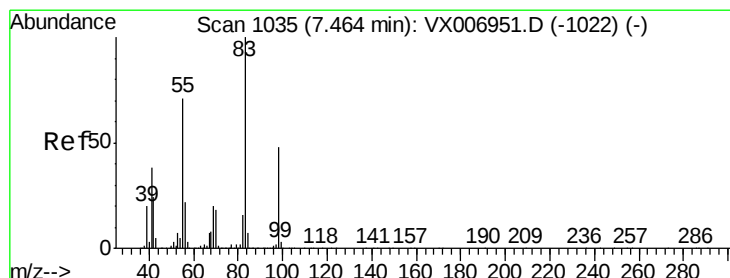
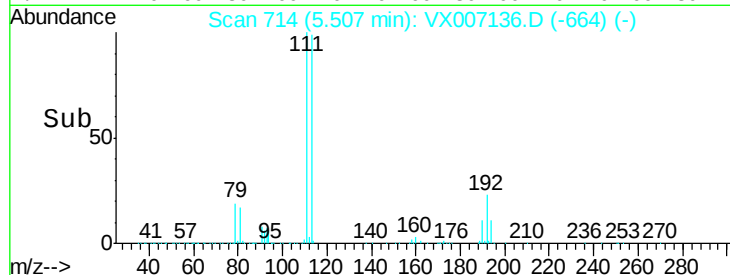
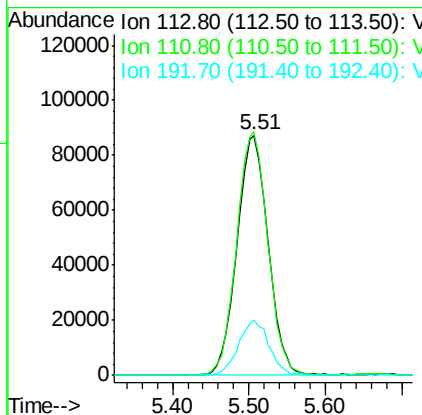
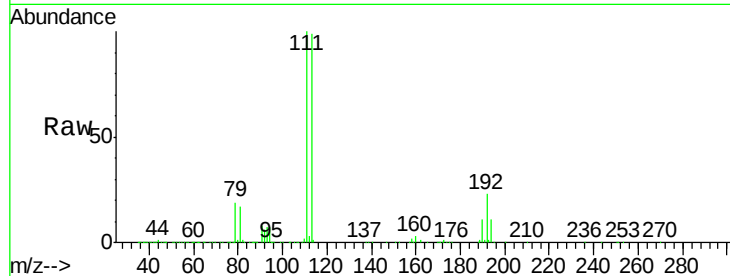
ClientSampleId :

SS038RW082-160116

Tot Ion:	113	Resp:	246719
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.6	122.4
192	22.6	16.7	25.1

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#39

Methylcyclohexane

Concen: 0.594 ug/l

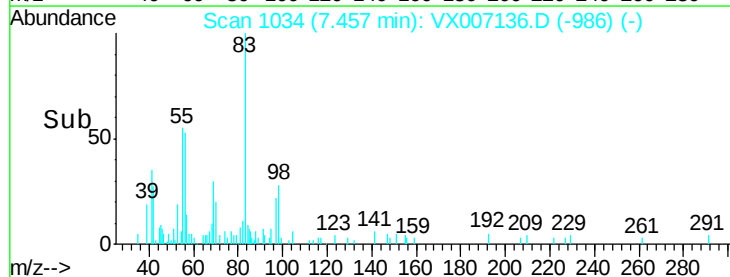
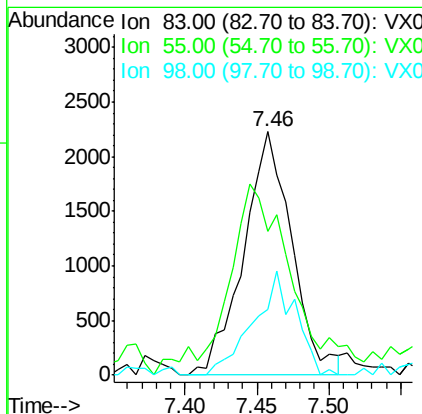
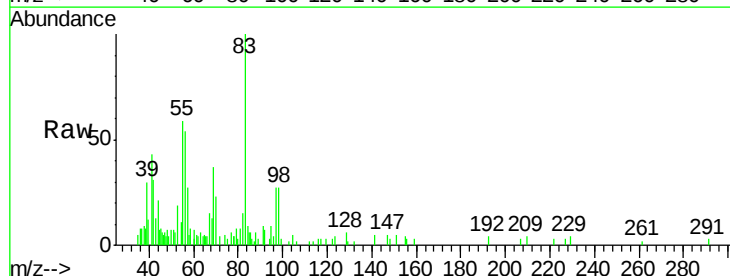
RT: 7.46 min Scan# 1034

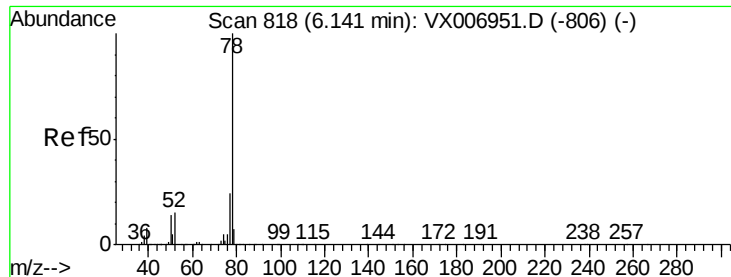
Delta R.T. -0.01 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Tgt Ion:	83	Resp:	5180
Ion Ratio	Lower	Upper	
83	100		
55	47.2	54.9	82.3#
98	27.0	37.9	56.9#





#40

Benzene

Concen: 0.840 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

Tot Ion: 78 Resp: 17549

Ion Ratio Lower Upper

78 100

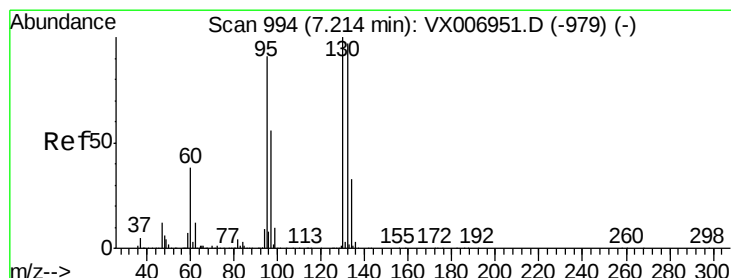
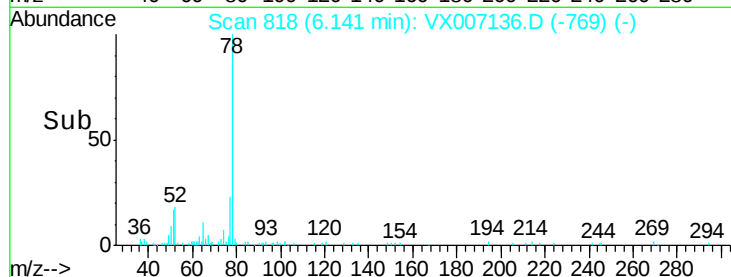
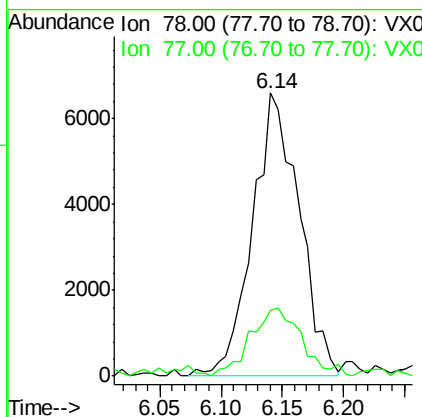
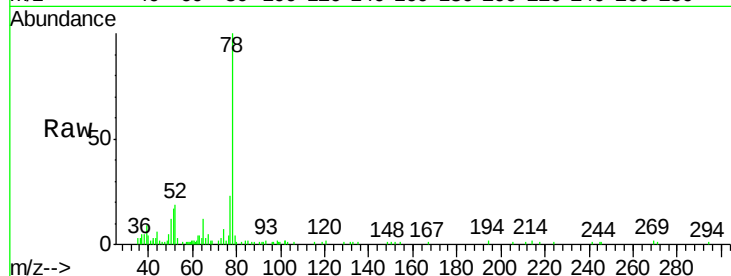
77 19.9 19.2 28.8

Manual Integrations

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#44

Trichloroethene

Concen: 0.462 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007136.D

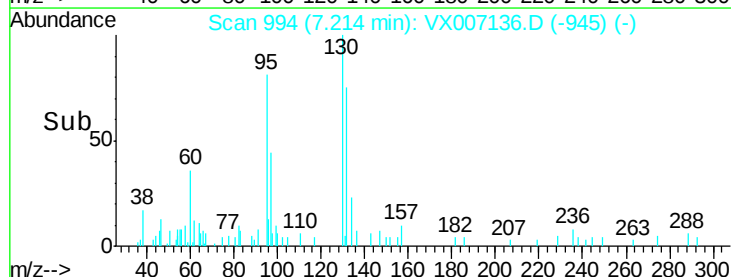
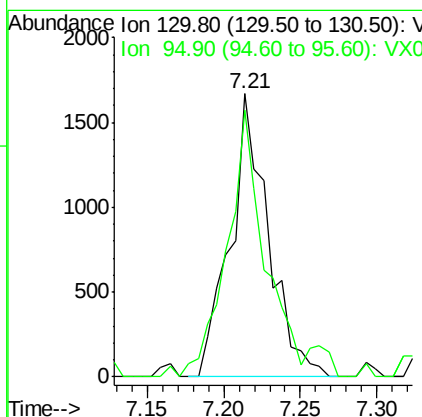
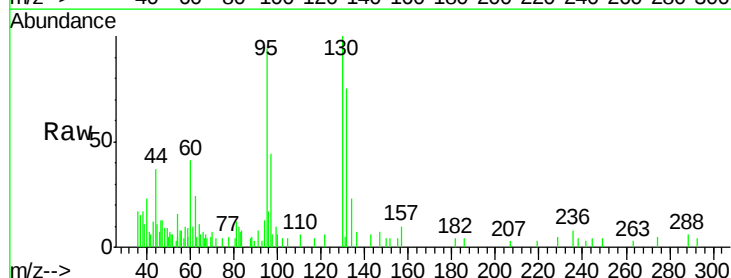
Acq: 18 Jan 2019 15:48

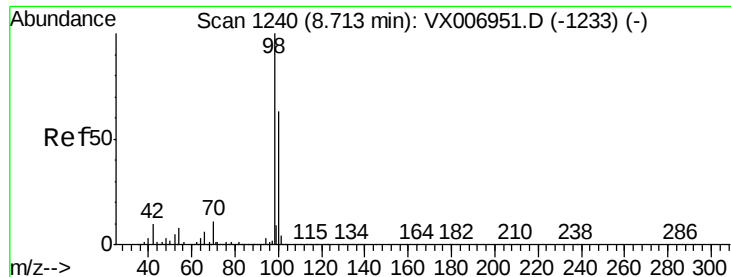
Tgt Ion: 130 Resp: 2890

Ion Ratio Lower Upper

130 100

95 94.3 0.0 187.0





#50

Toluene-d8

Concen: 51.331 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

Tot Ion: 98 Resp: 947299

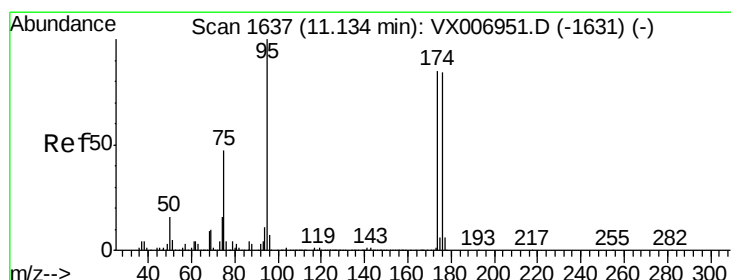
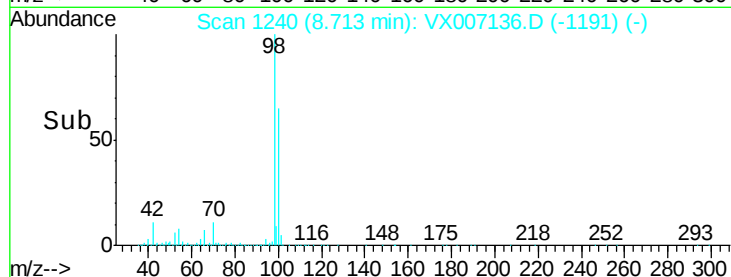
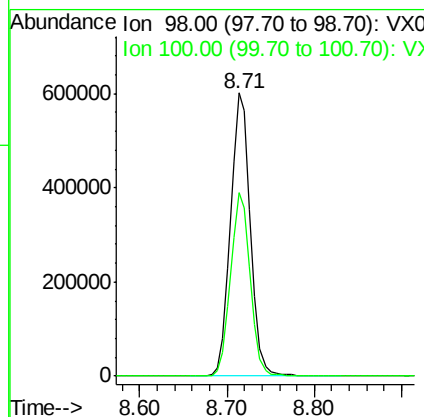
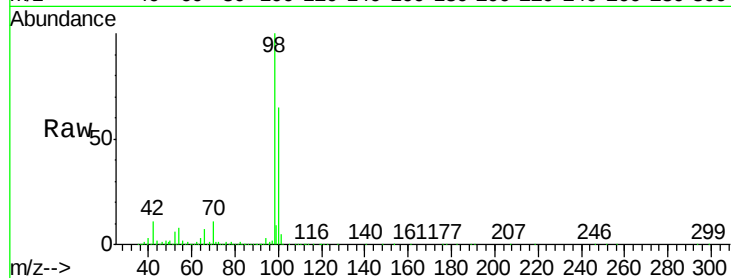
Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

Manual Integrations
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1/21/2019 10:59:22 AM



#62

4-Bromofluorobenzene

Concen: 53.139 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

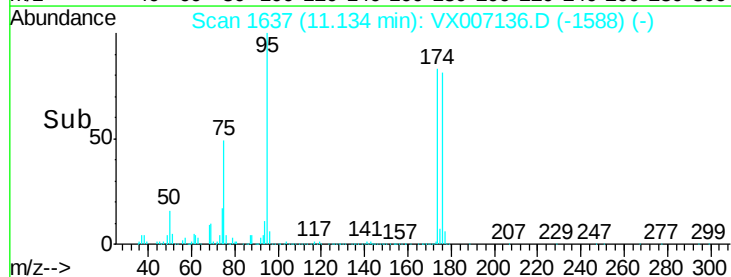
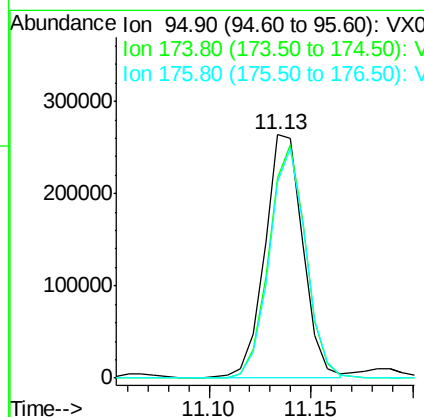
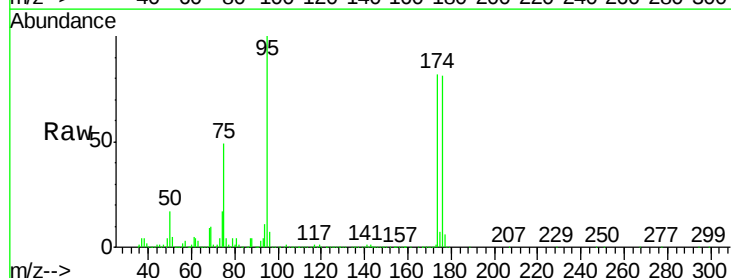
Tgt Ion: 95 Resp: 341884

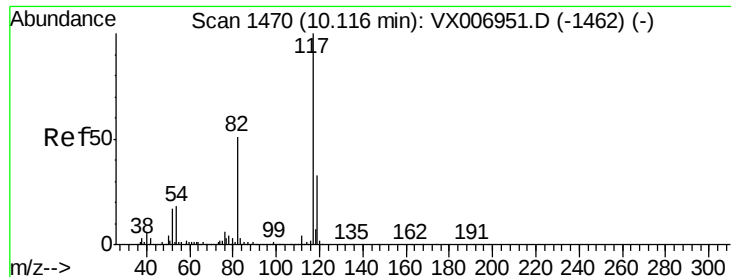
Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.2

176 91.0 0.0 178.8





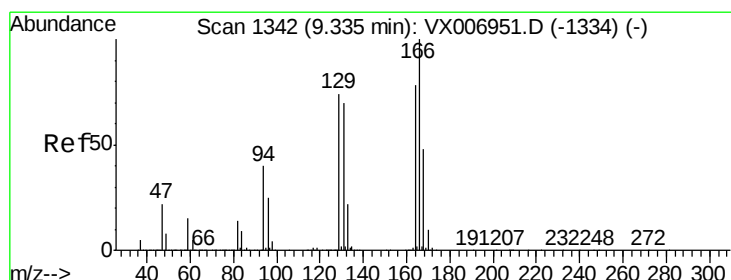
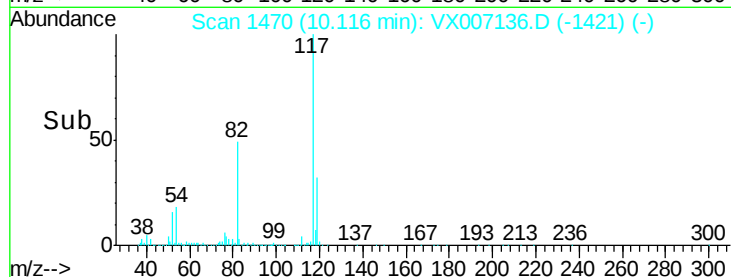
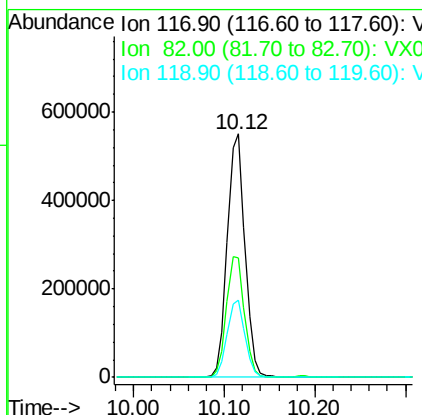
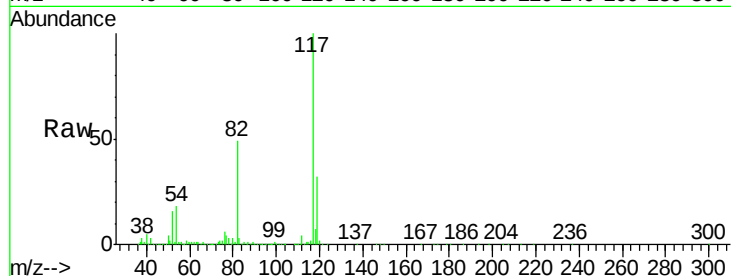
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007136.D
Acq: 18 Jan 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
SS038RW082-160116

Tot Ion	Ratio	Resp	Lower	Upper
117	100	748020		
82	49.0		41.0	61.6
119	31.7		25.4	38.0

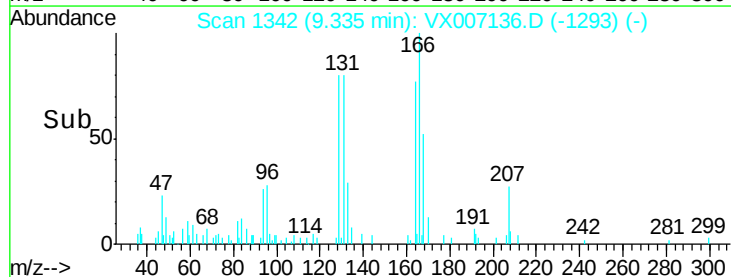
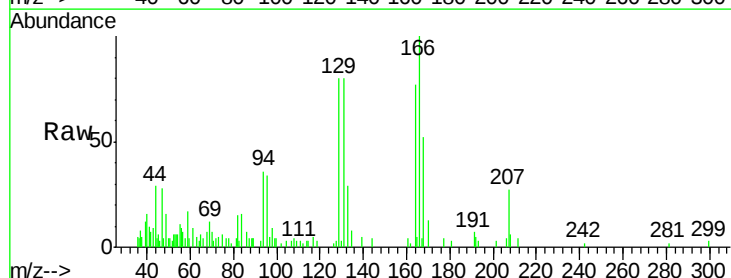
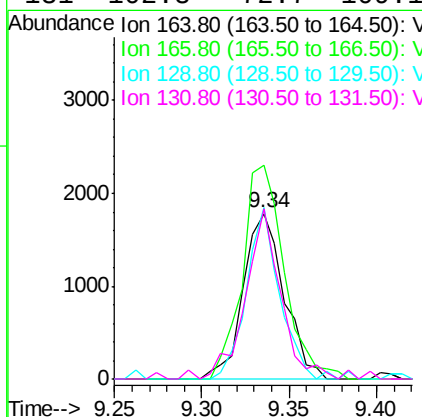
Manual Integrations
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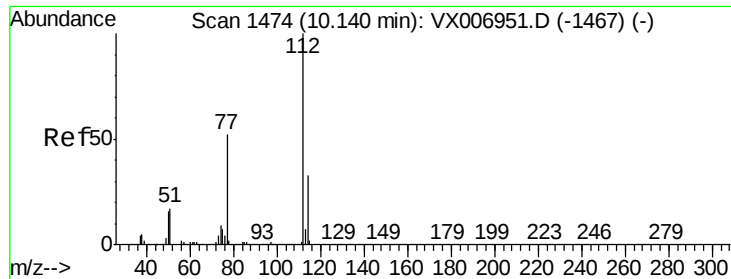
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#64
Tetrachloroethene
Concen: 0.450 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007136.D
Acq: 18 Jan 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	2914		
166	129.1		102.5	153.7
129	103.5		75.1	112.7
131	102.8		72.7	109.1





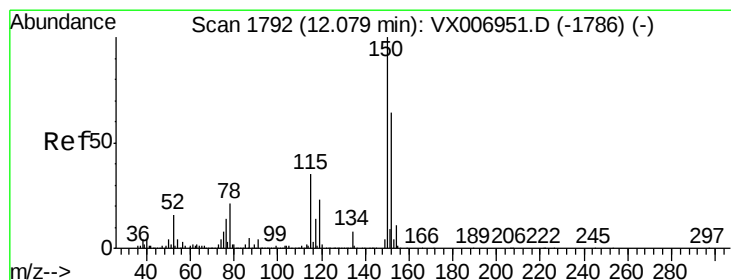
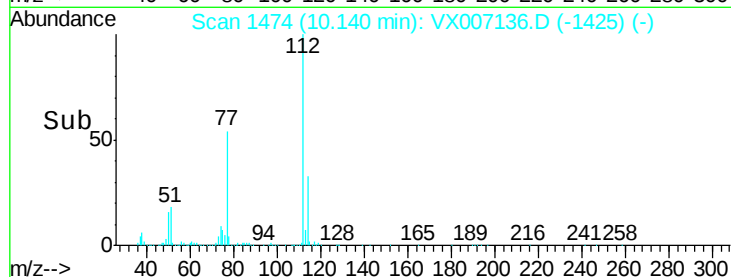
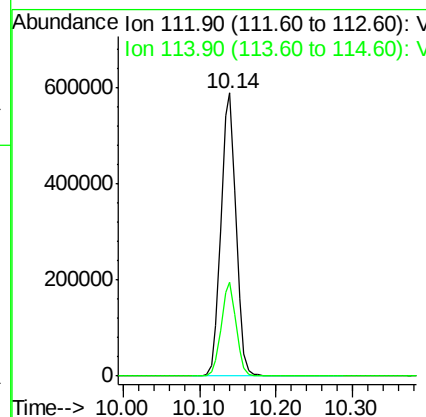
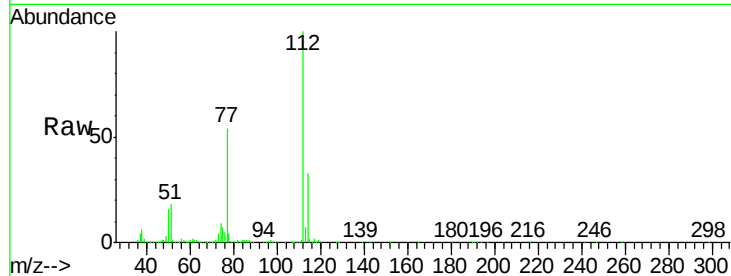
#65
Chlorobenzene
Concen: 49.067 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007136.D
Acq: 18 Jan 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
SS038RW082-160116

Tot Ion:112 Resp: 800510
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5

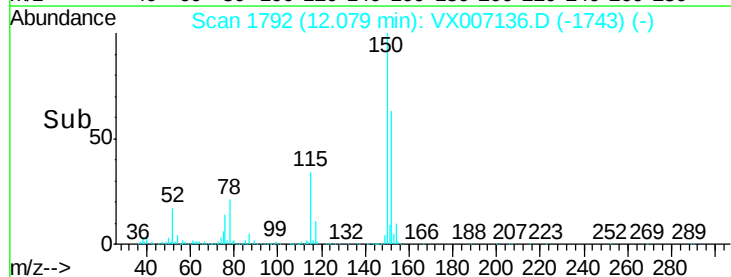
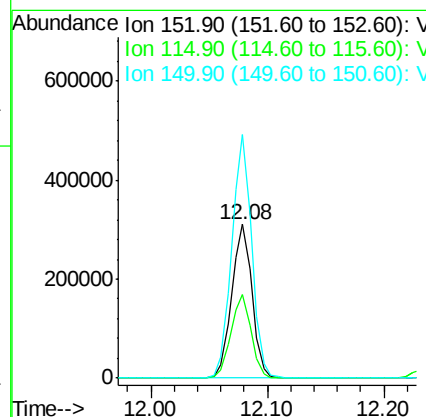
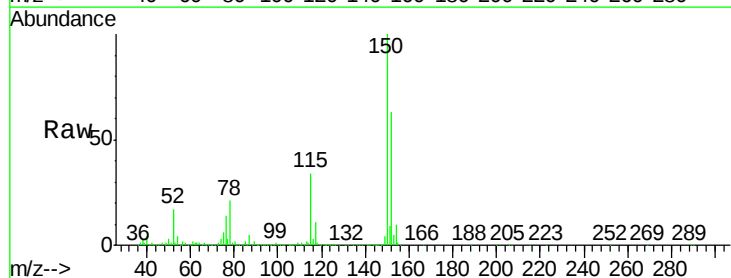
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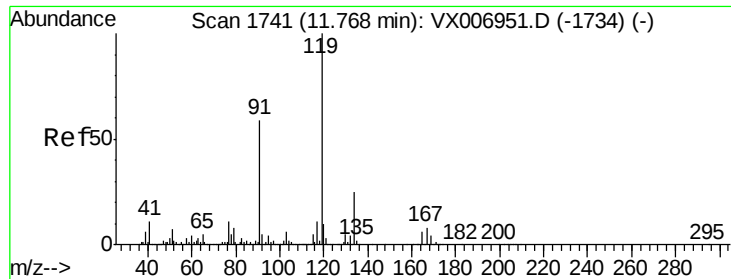
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007136.D
Acq: 18 Jan 2019 15:48

Tgt Ion:152 Resp: 373716
Ion Ratio Lower Upper
152 100
115 54.2 39.1 117.2
150 155.5 0.0 344.8





#83

tert-Butylbenzene

Concen: 2.193 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

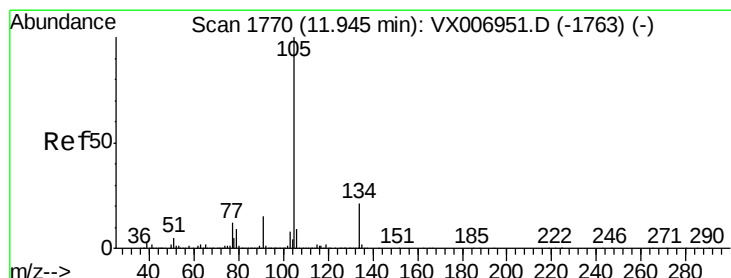
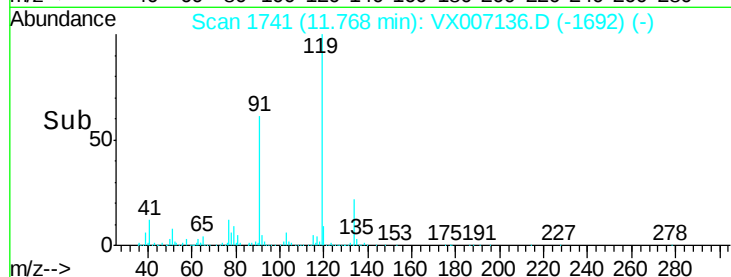
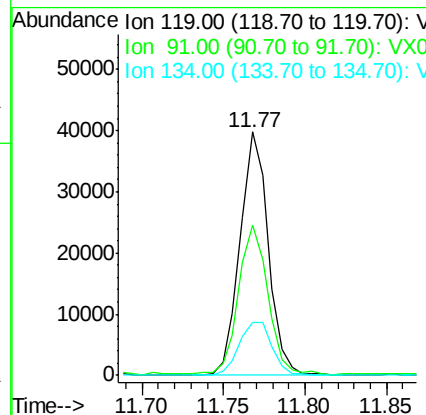
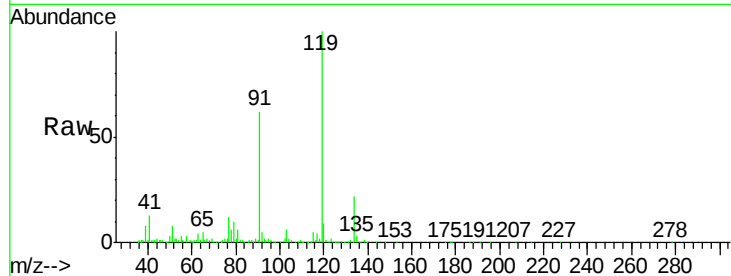
ClientSampleId :

SS038RW082-160116

Tot Ion:	119	Resp:	48177
Ion Ratio	Lower	Upper	
119	100		
91	63.6	27.7	83.1
134	25.3	11.9	35.5

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#85

sec-Butylbenzene

Concen: 1.194 ug/l

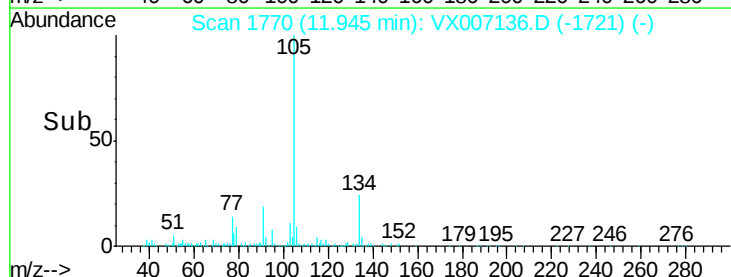
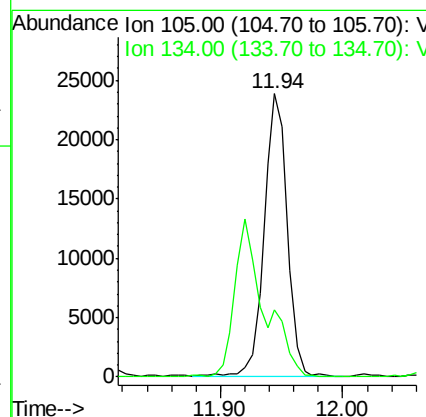
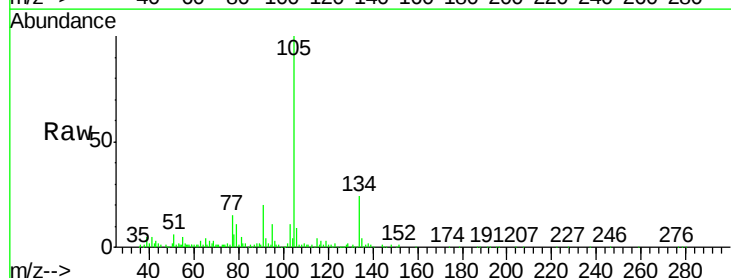
RT: 11.94 min Scan# 1770

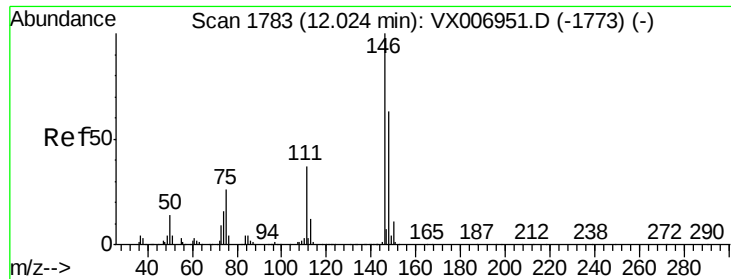
Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Tgt Ion:	105	Resp:	31316
Ion Ratio	Lower	Upper	
105	100		
134	0.0	10.7	31.9#





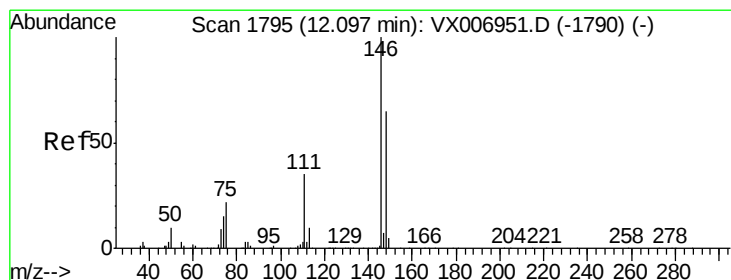
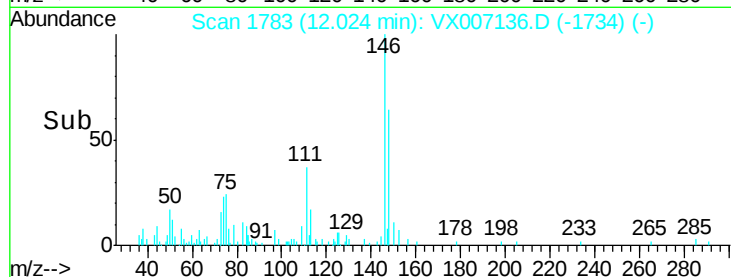
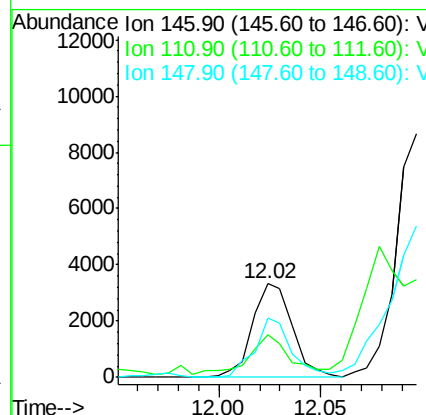
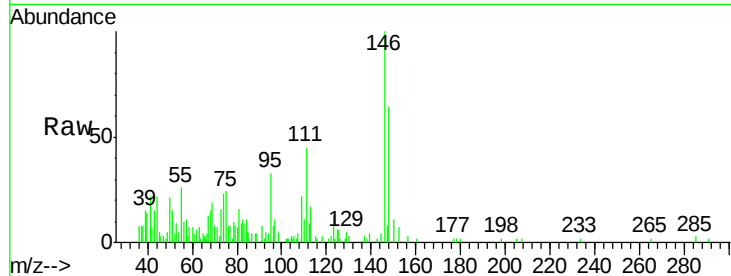
#87
 1,3-Dichlorobenzene
 Concen: 0.344 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007136.D
 Acq: 18 Jan 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW082-160116

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.6	55.8
148	58.4	31.8	95.3

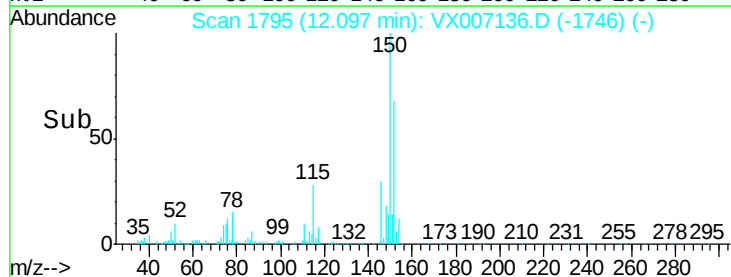
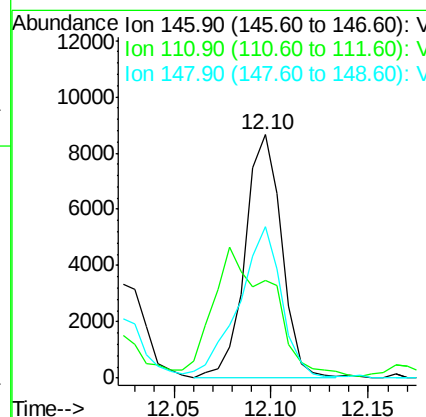
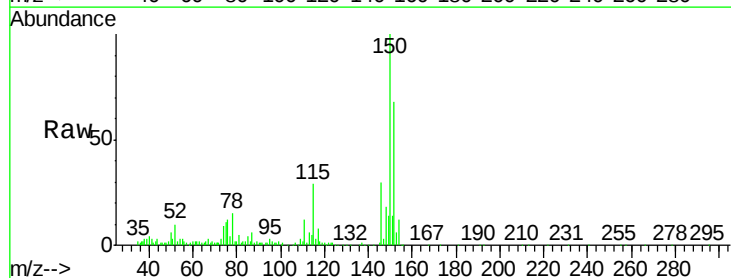
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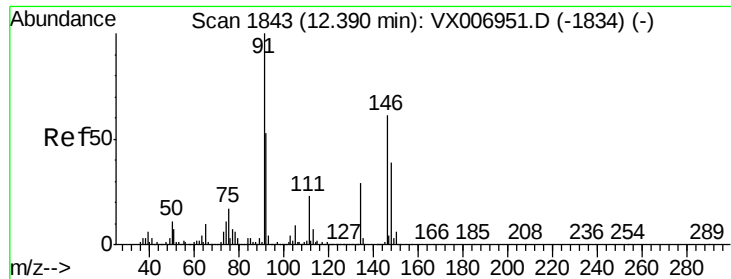
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#88
 1,4-Dichlorobenzene
 Concen: 1.048 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007136.D
 Acq: 18 Jan 2019 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	15.9	18.1	54.1#
148	23.4	31.9	95.9#





#91
 1,2-Dichlorobenzene
 Concen: 0.534 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007136.D
 Acq: 18 Jan 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW082-160116

Tot Ion:	146	Resp:	6915
Ion Ratio	Lower	Upper	
146	100		
111	41.4	19.4	58.2
148	60.2	32.3	96.9

Manual Integrations
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