

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011119\
 Data File : VX007023.D
 Acq On : 11 Jan 2019 19:29
 Operator : JC/SP
 Sample : K1133-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-190109

Manual Integrations
 APPROVED

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 1/14/2019 10:40:26 AM

Quant Time: Jan 14 09:33:09 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	542781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	837728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	789633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	388154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	293549	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	5.50	113	253555	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	8.71	98	1006218	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.13	95	363657	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.41	62	264473	47.382	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	9234	1.661	ug/l	95
24) 1,1-Dichloroethane	3.70	63	34017	3.785	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	191010	31.150	ug/l	93
40) Benzene	6.15	78	40548	1.825	ug/l	98
42) 1,2-Dichloroethane	6.20	62	5582	0.727	ug/l	77
44) Trichloroethene	7.21	130	16123	2.421	ug/l	100
64) Tetrachloroethene	9.33	164	2185	0.320	ug/l	89
65) Chlorobenzene	10.14	112	1053093	61.147	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	4865	0.357	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	19471m	1.648	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	13458	1.000	ug/l	97

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

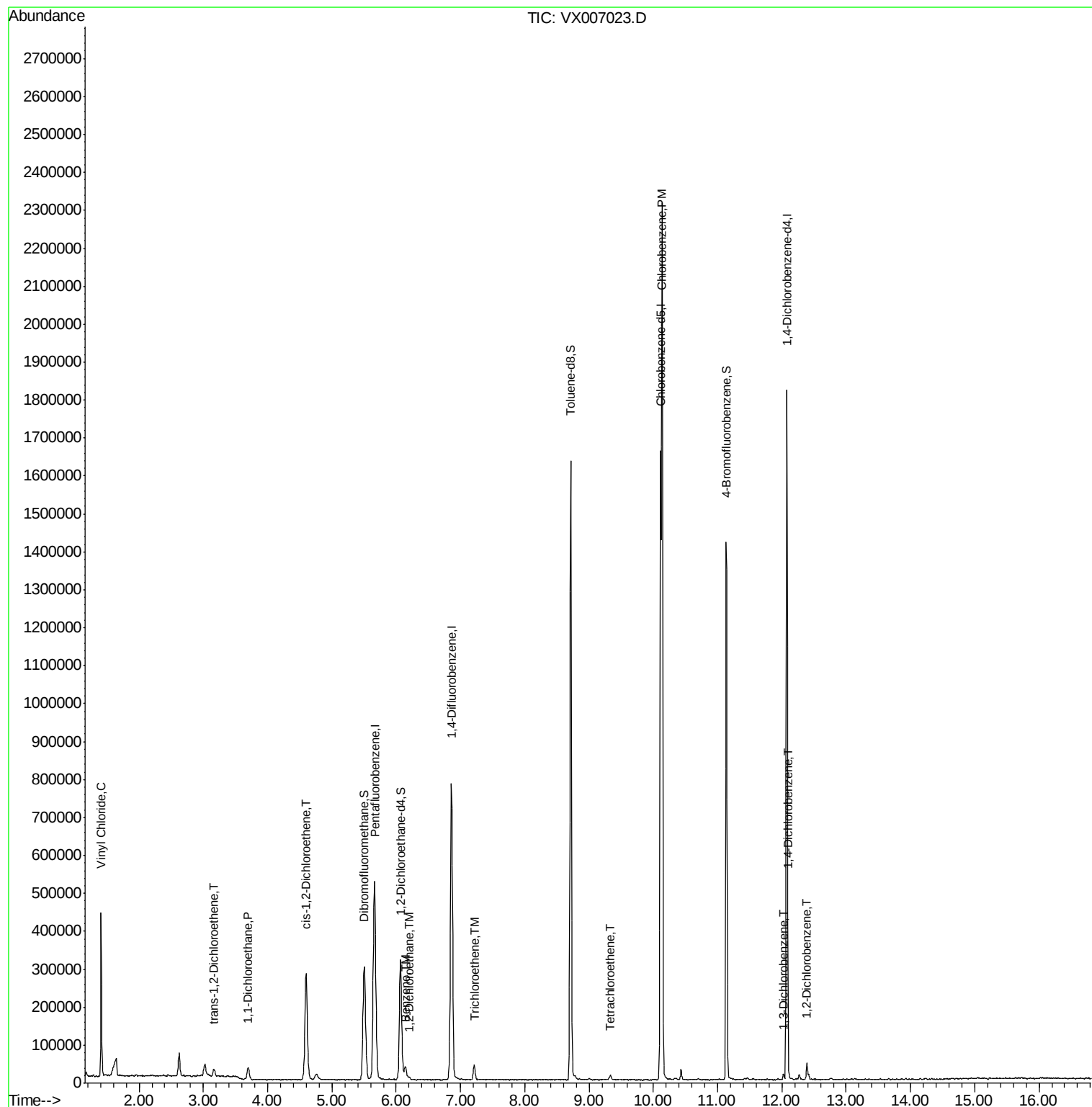
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011119\
Data File : VX007023.D
Acq On : 11 Jan 2019 19:29
Operator : JC/SP
Sample : K1133-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

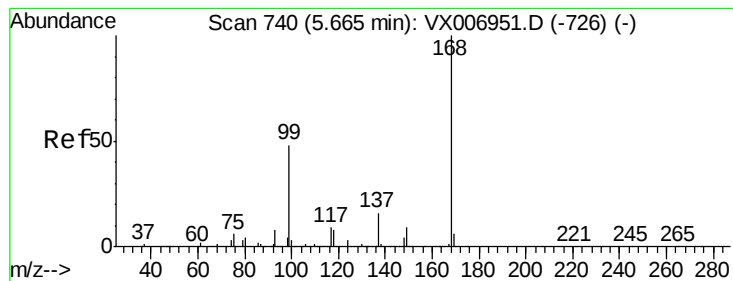
Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jan 14 09:33:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





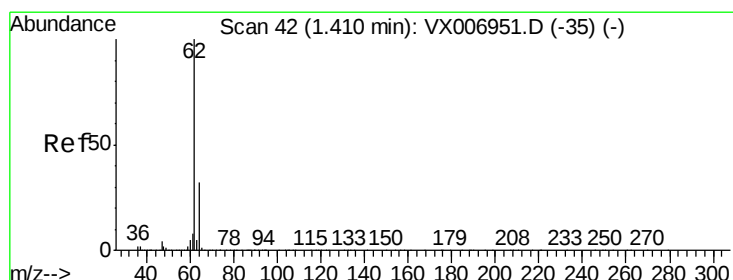
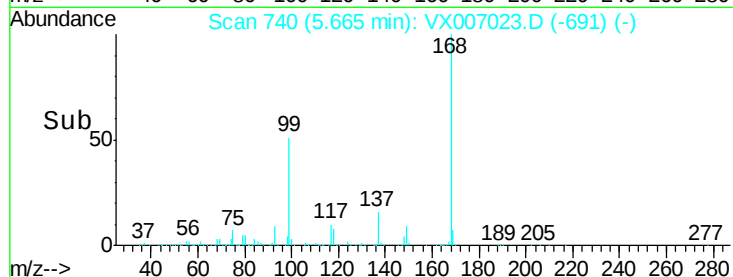
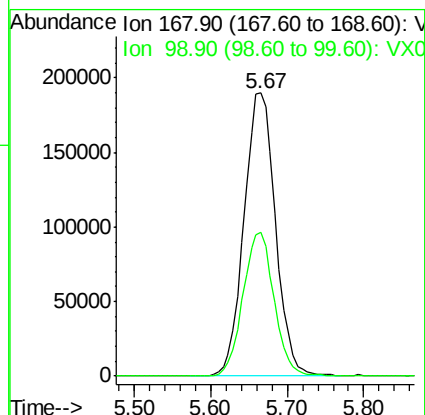
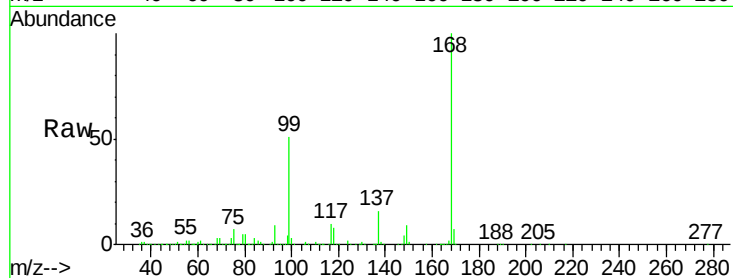
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.0	41.8	62.8

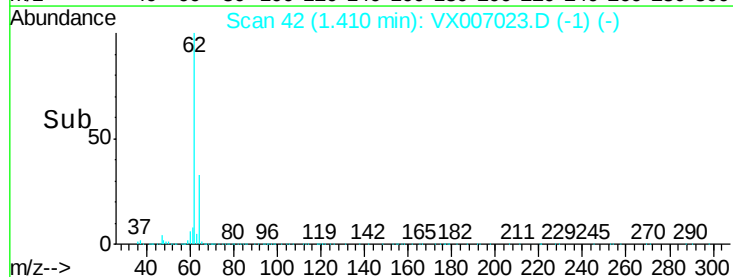
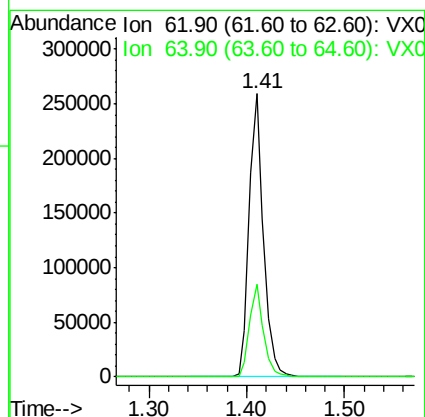
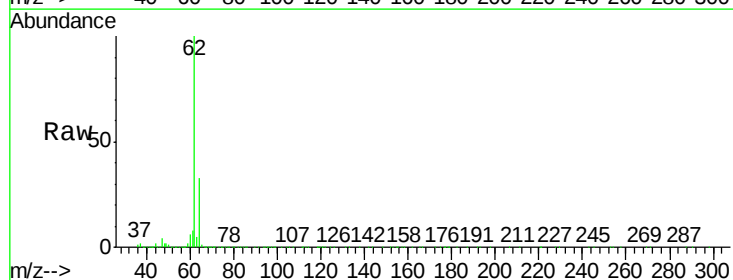
Manual Integrations
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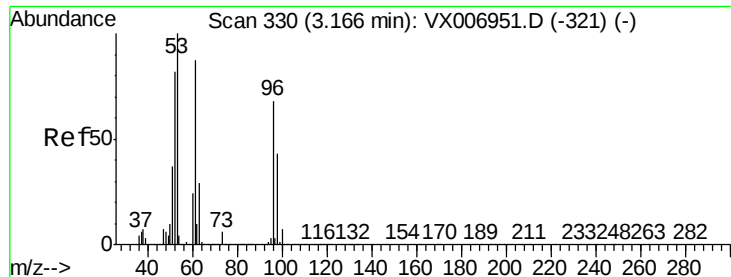
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#4
Vinyl Chloride
Concen: 47.382 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.1	37.7





#21

trans-1,2-Dichloroethene

Concen: 1.661 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007023.D

Acq: 11 Jan 2019 19:29

Instrument :

MSVOA_X

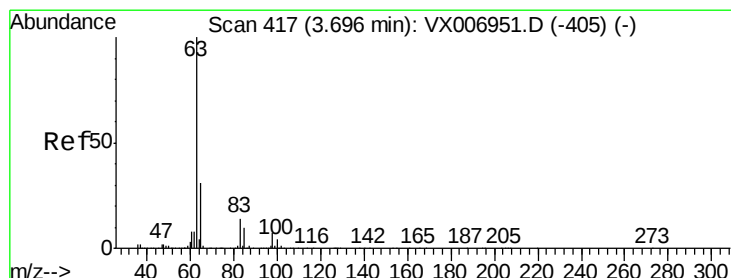
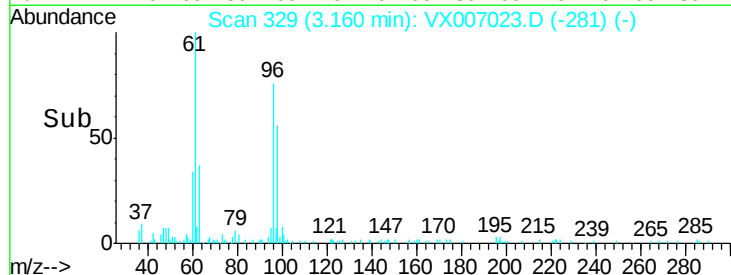
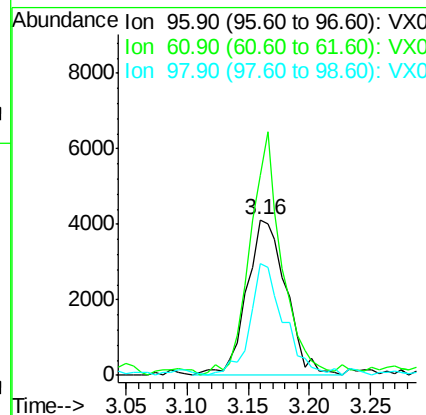
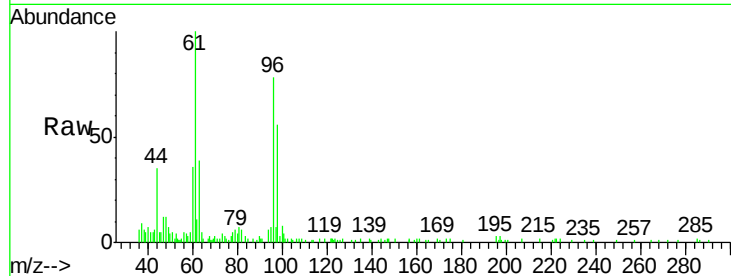
ClientSampleId :

WP022MW357-190109

Tot Ion:	96	Resp:	9234
Ion	Ratio	Lower	Upper
96	100		
61	125.5	103.7	155.5
98	70.3	51.0	76.6

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#24

1,1-Dichloroethane

Concen: 3.785 ug/l

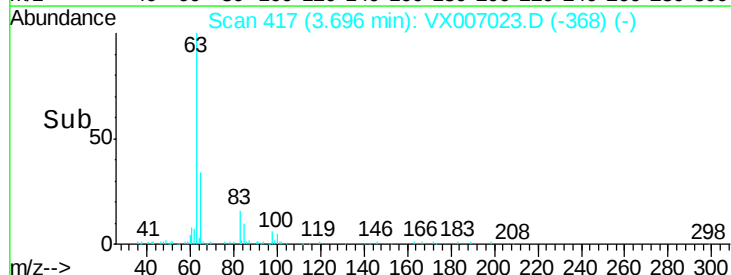
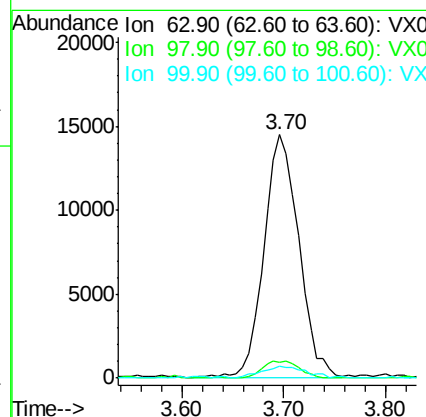
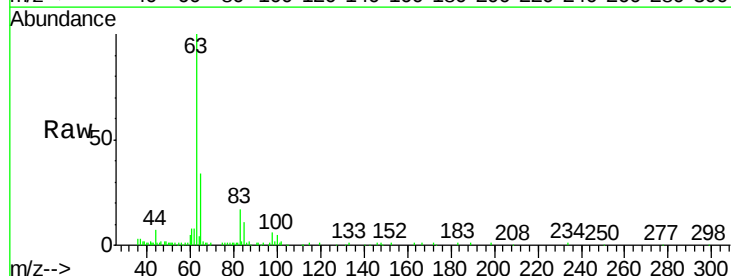
RT: 3.70 min Scan# 417

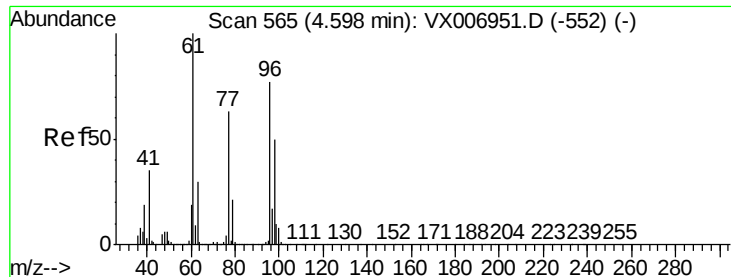
Delta R.T. -0.00 min

Lab File: VX007023.D

Acq: 11 Jan 2019 19:29

Tgt Ion:	63	Resp:	34017
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.9	11.5
100	4.4	2.4	7.2





#27

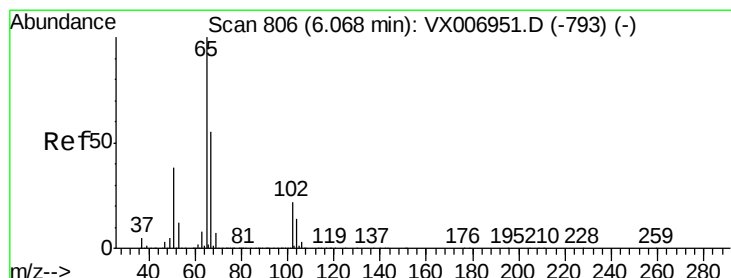
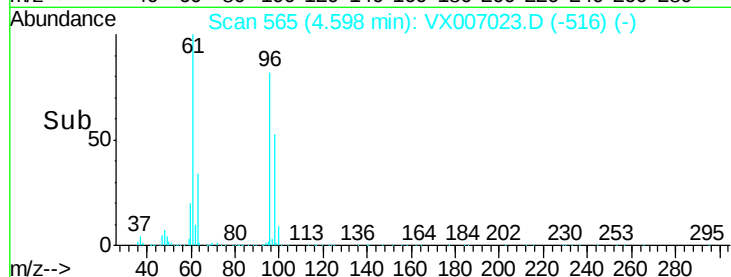
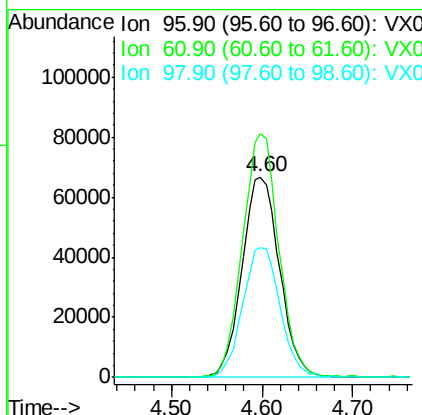
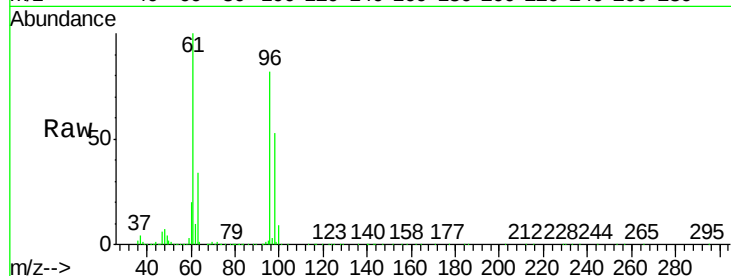
cis-1,2-Dichloroethene
Concen: 31.150 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tot Ion	Ratio	Resp	Lower	Upper
96	100	191010		
61	117.6	0.0	258.6	
98	64.7	0.0	132.0	

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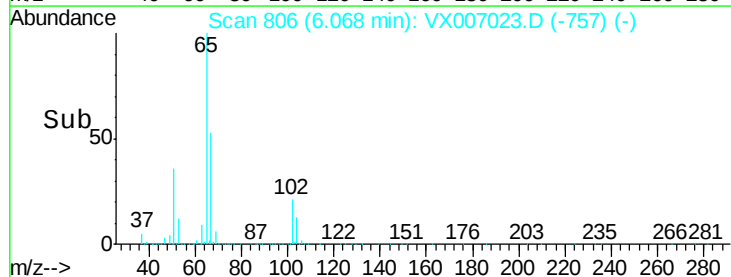
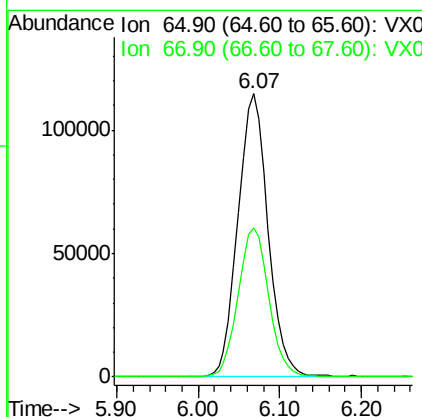
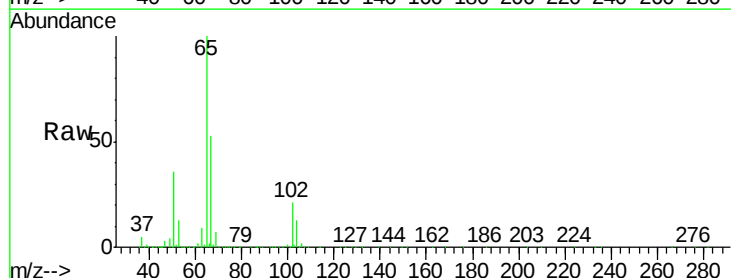
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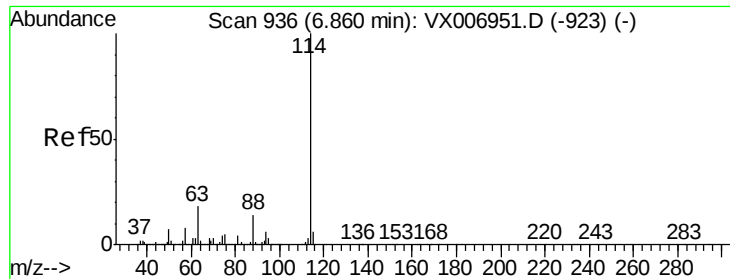


#33

1,2-Dichloroethane-d4
Concen: 51.749 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	293549		
67	53.6	0.0	105.0	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007023.D

Acq: 11 Jan 2019 19:29

Instrument :

MSVOA_X

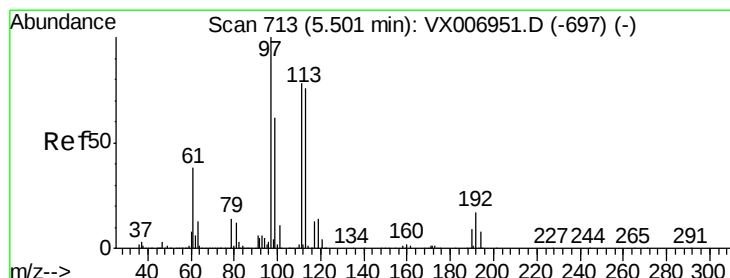
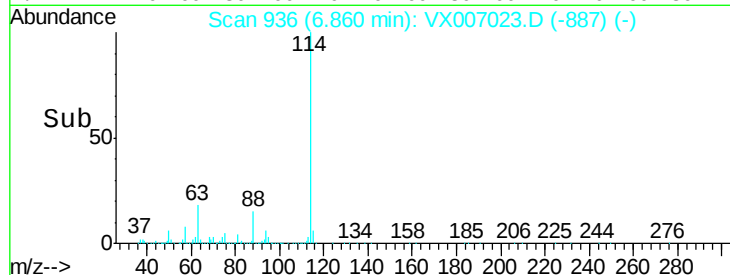
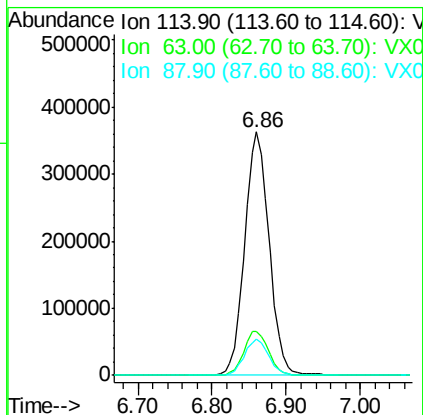
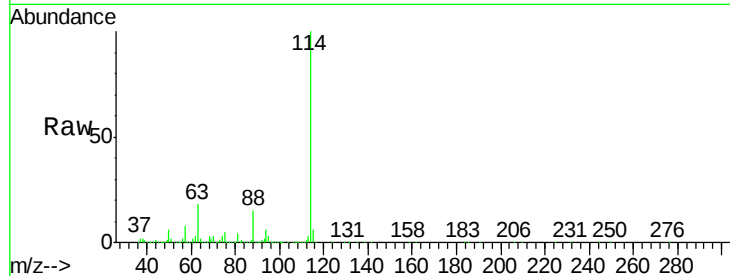
ClientSampleId :

WP022MW357-190109

Tot Ion:	114	Resp:	837728
Ion Ratio	Lower	Upper	
114	100		
63	17.8	0.0	34.8
88	14.9	0.0	28.8

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#35

Dibromofluoromethane

Concen: 47.263 ug/l

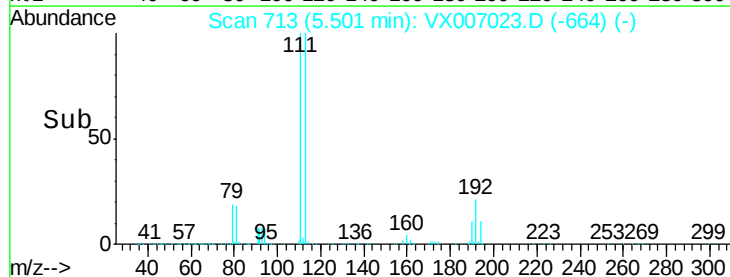
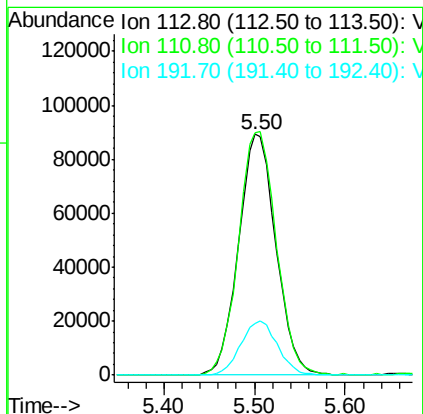
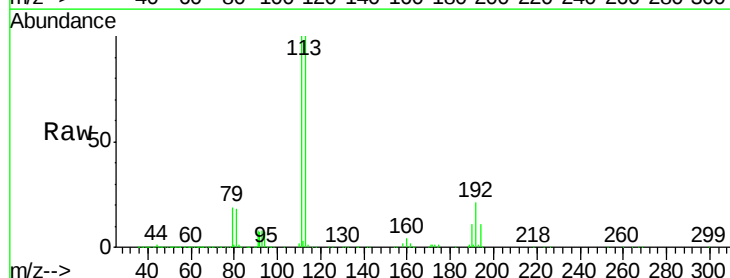
RT: 5.50 min Scan# 713

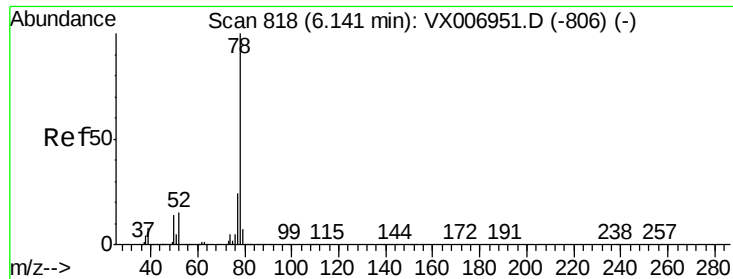
Delta R.T. -0.00 min

Lab File: VX007023.D

Acq: 11 Jan 2019 19:29

Tgt Ion:	113	Resp:	253555
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.6	122.4
192	22.4	16.7	25.1





#40

Benzene

Concen: 1.825 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007023.D

Acq: 11 Jan 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-190109

Tot Ion: 78 Resp: 40548

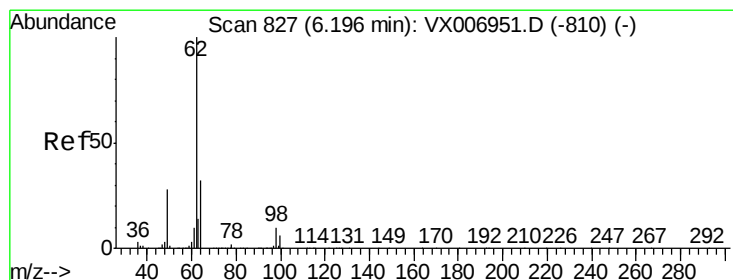
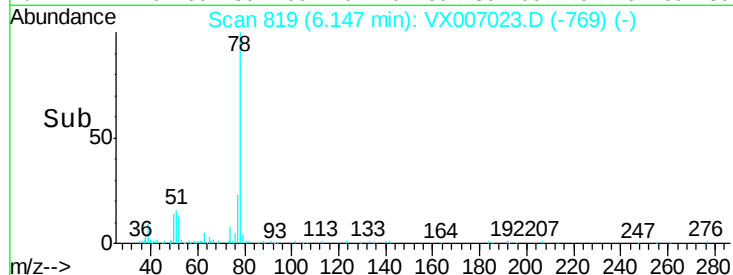
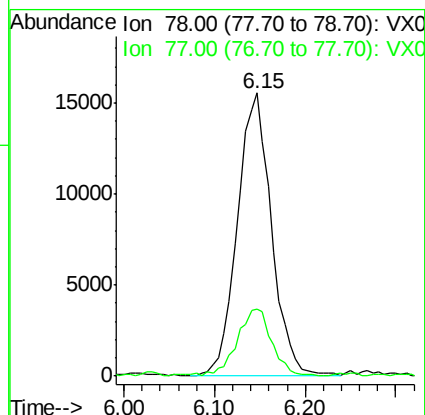
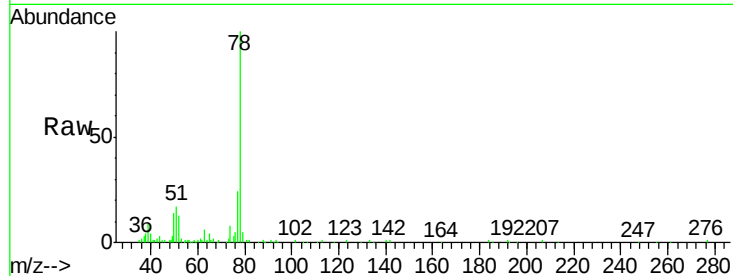
Ion Ratio Lower Upper

78 100

77 23.0 19.2 28.8

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#42

1,2-Dichloroethane

Concen: 0.727 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007023.D

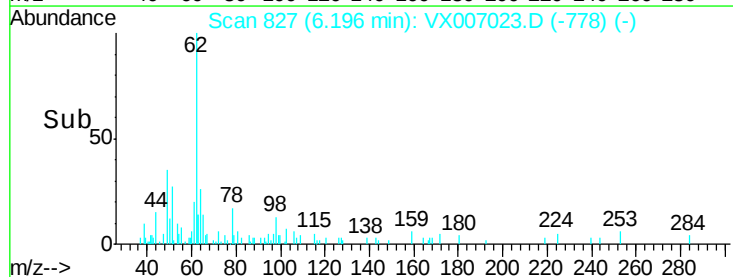
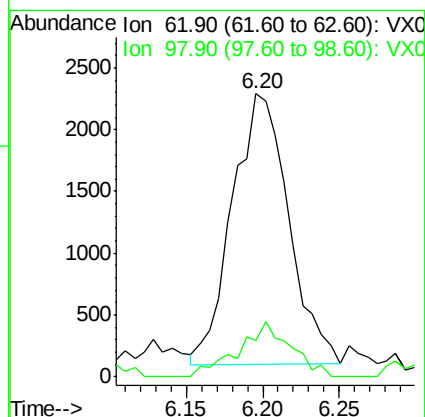
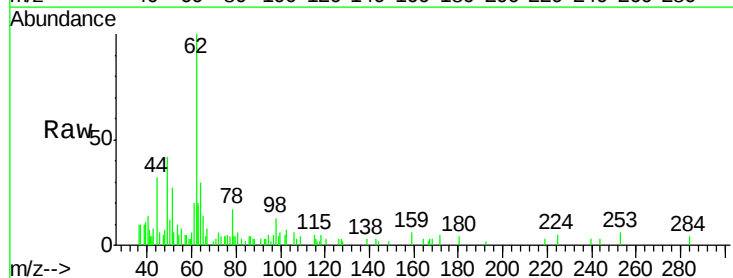
Acq: 11 Jan 2019 19:29

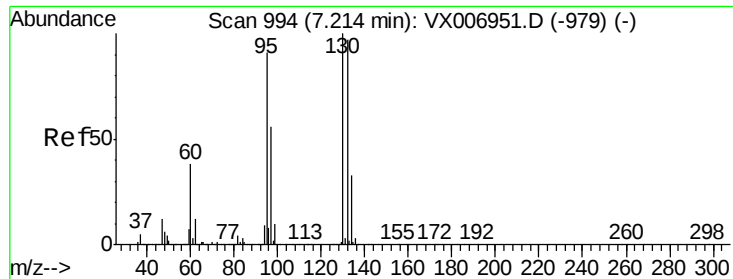
Tgt Ion: 62 Resp: 5582

Ion Ratio Lower Upper

62 100

98 18.8 0.0 20.2





#44

Trichloroethene

Concen: 2.421 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007023.D

Acq: 11 Jan 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-190109

Tot Ion:130 Resp: 16123

Ion Ratio Lower Upper

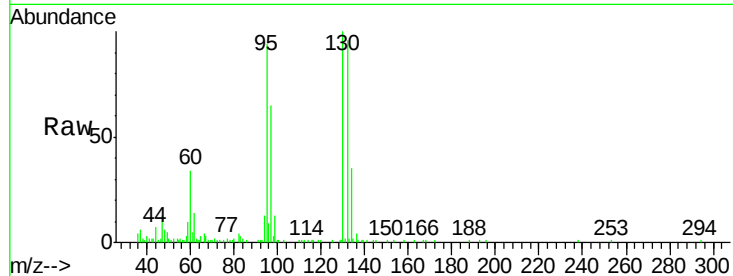
130 100

95 93.5 0.0 187.0

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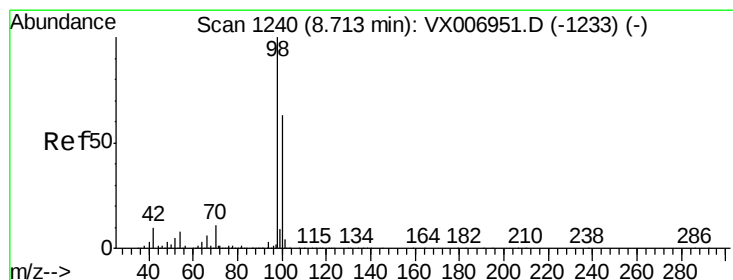
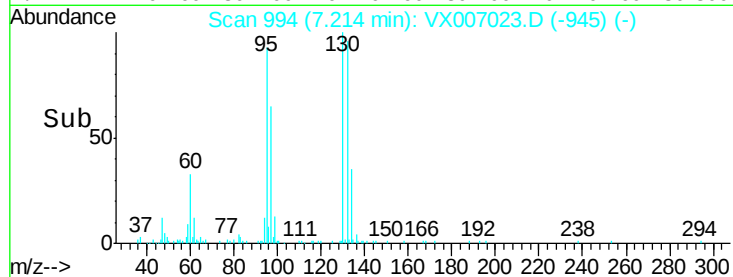
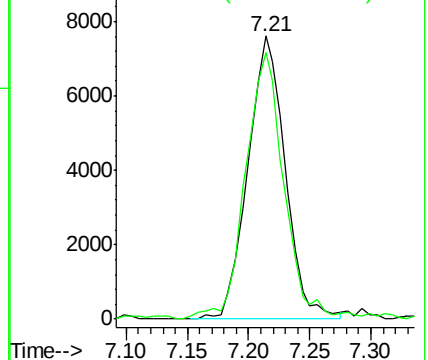
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.242 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007023.D

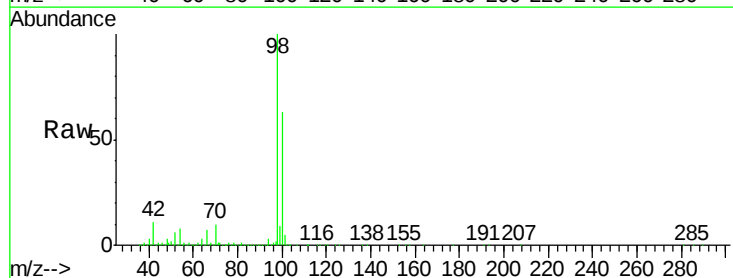
Acq: 11 Jan 2019 19:29

Tgt Ion: 98 Resp: 1006218

Ion Ratio Lower Upper

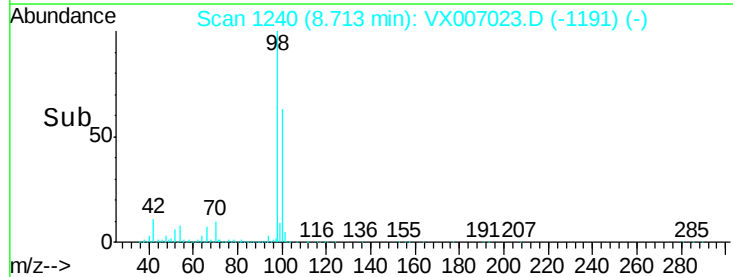
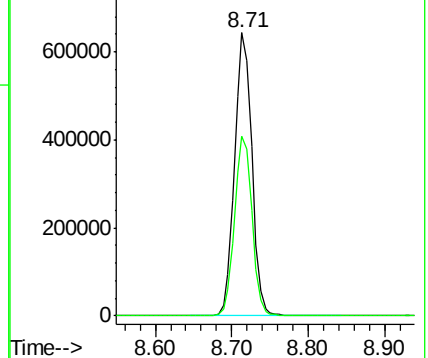
98 100

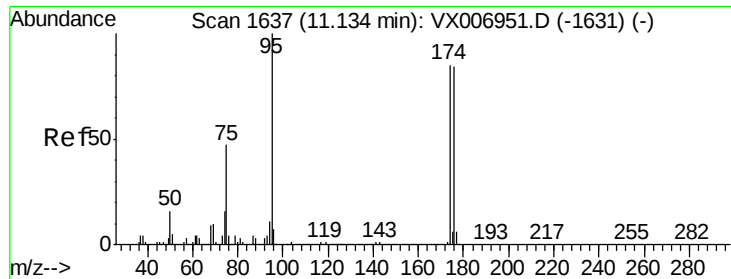
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





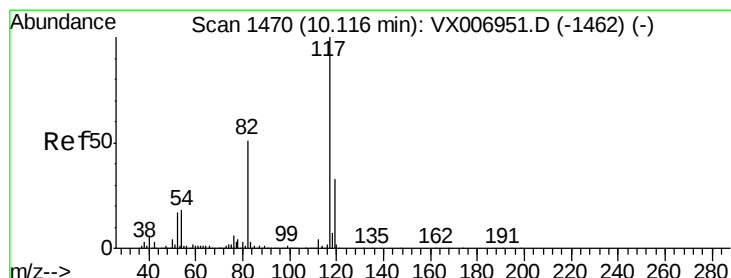
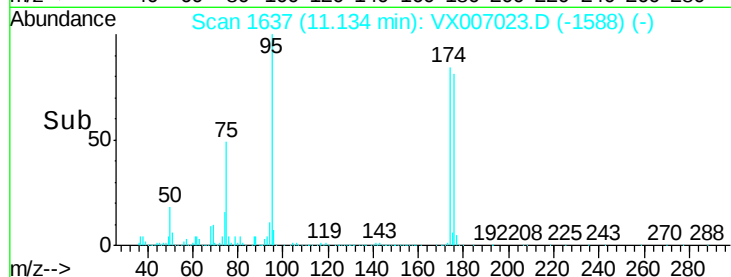
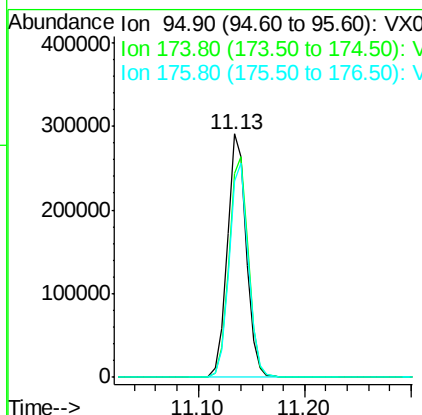
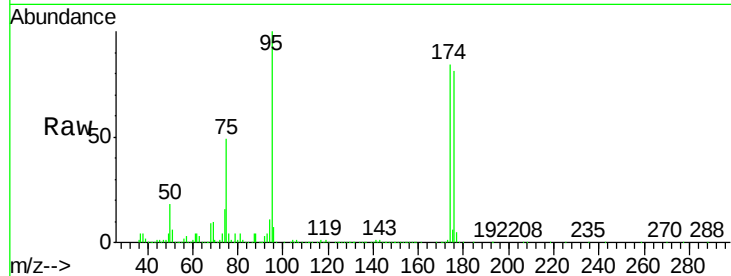
#62
4-Bromofluorobenzene
Concen: 53.121 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tot Ion	Ratio	Resp	Lower	Upper
95	100	363657		
174	92.6	0.0	182.2	
176	89.0	0.0	178.8	

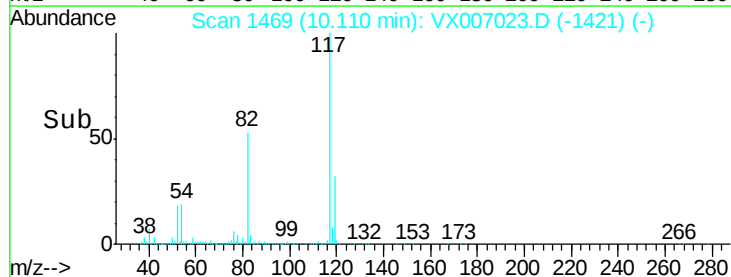
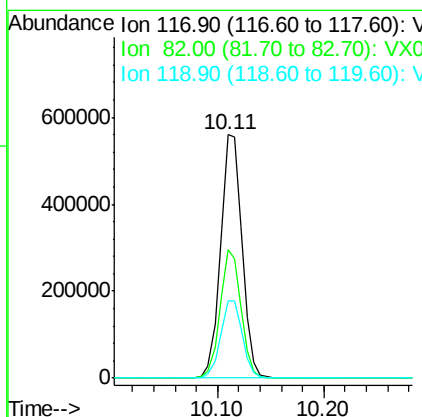
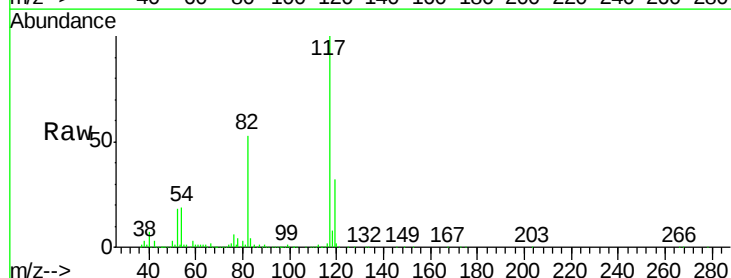
Manual Integrations
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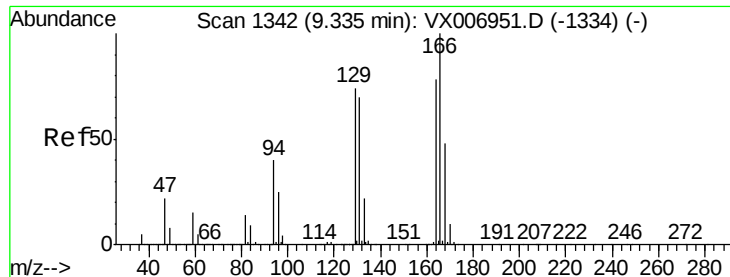
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	789633		
82	52.9	41.0	61.6	
119	31.6	25.4	38.0	





#64

Tetrachloroethene

Concen: 0.320 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VX007023.D

Acq: 11 Jan 2019 19:29

Instrument :

MSVOA_X

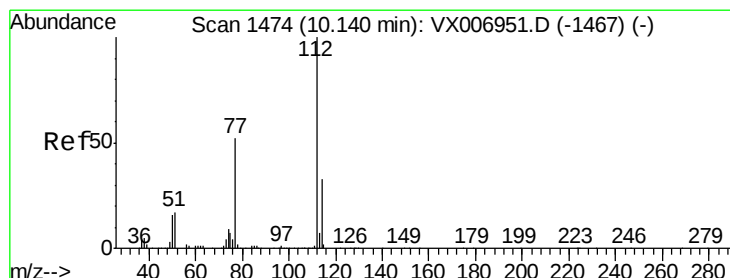
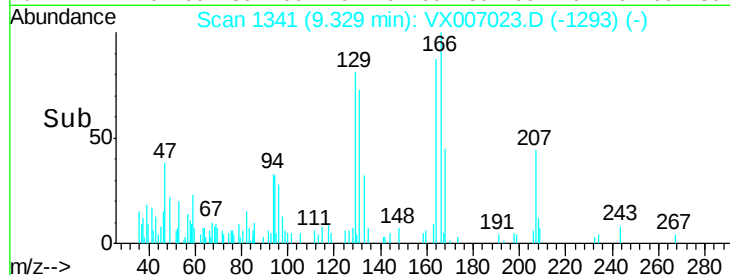
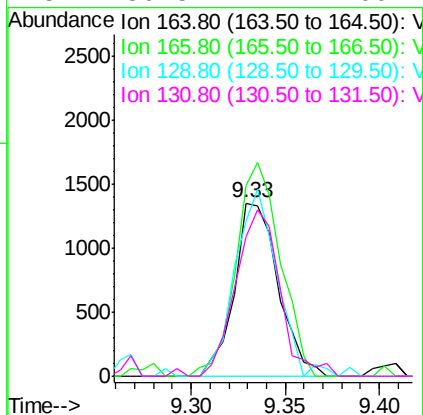
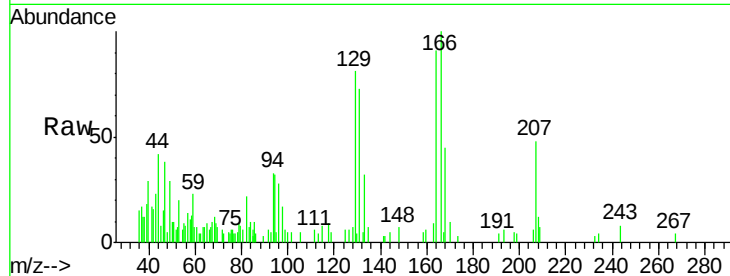
ClientSampleId :

WP022MW357-190109

Tot Ion	164	Resp	2185
Ion	Ratio	Lower	Upper
164	100		
166	110.0	102.5	153.7
129	89.1	75.1	112.7
131	80.5	72.7	109.1

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1/14/2019 10:40:26 AM



#65

Chlorobenzene

Concen: 61.147 ug/l

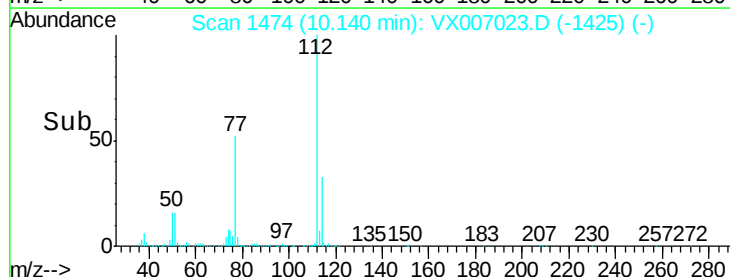
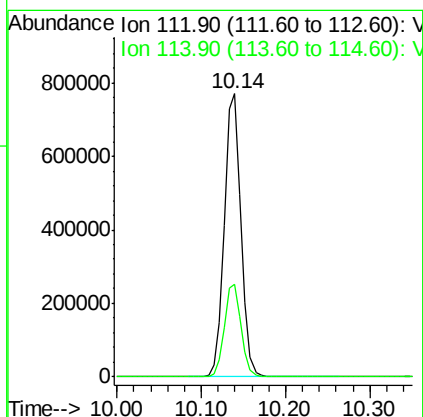
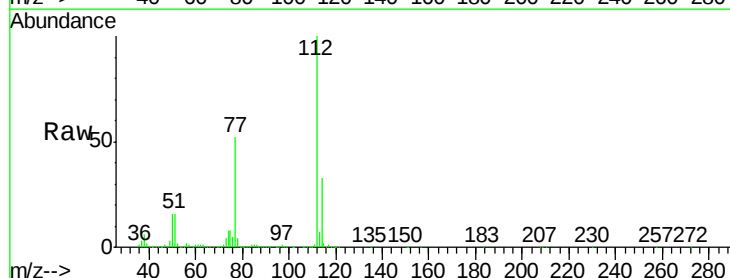
RT: 10.14 min Scan# 1474

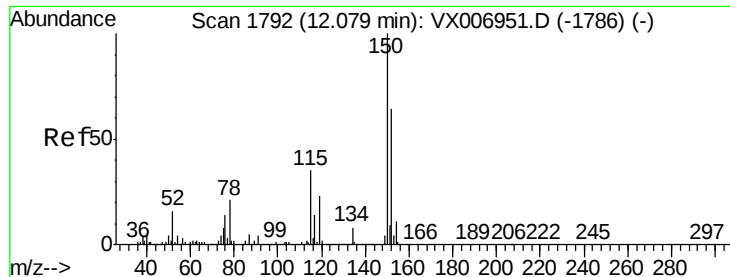
Delta R.T. -0.00 min

Lab File: VX007023.D

Acq: 11 Jan 2019 19:29

Tgt Ion	112	Resp	1053093
Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.7	38.5





#72

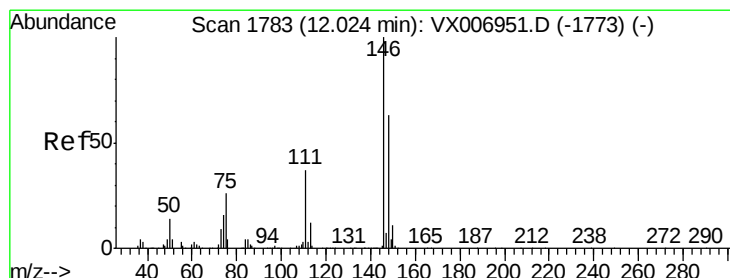
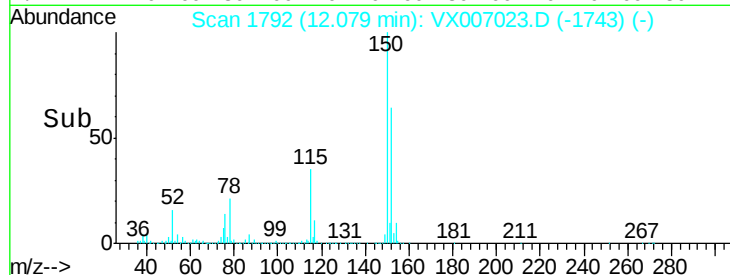
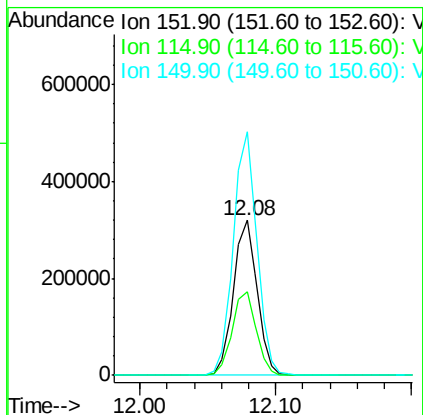
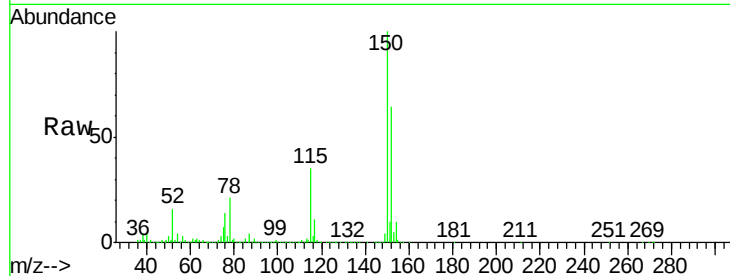
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tot Ion	Ratio	Resp	Lower	Upper
152	100	388154		
115	55.1	39.1	117.2	
150	156.1	0.0	344.8	

Manual Integrations
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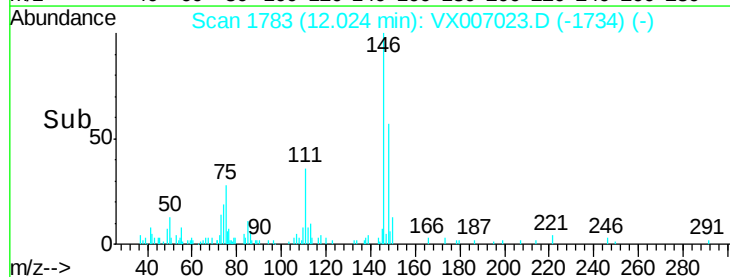
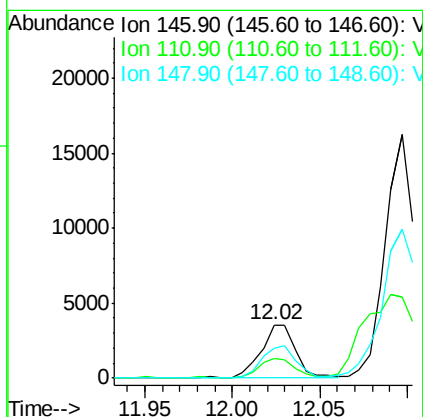
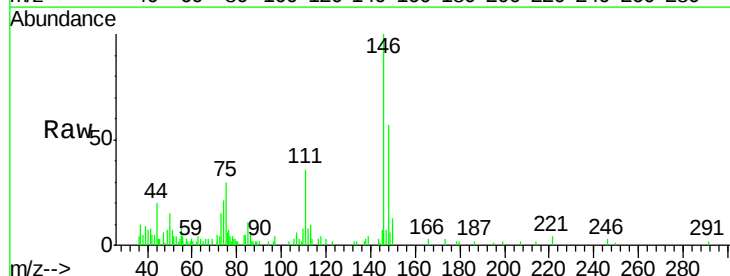
MMDadoda
1/14/2019 10:40:26 AM

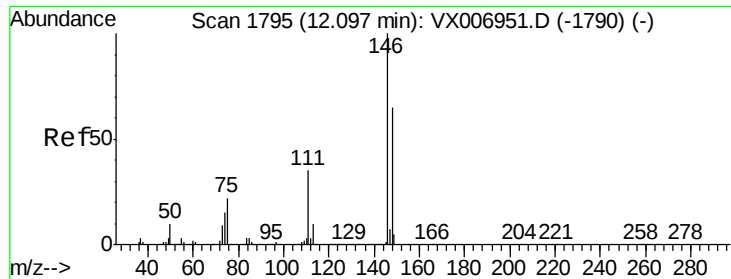


#87

1,3-Dichlorobenzene
Concen: 0.357 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	4865		
111	37.4	18.6	55.8	
148	61.4	31.8	95.3	





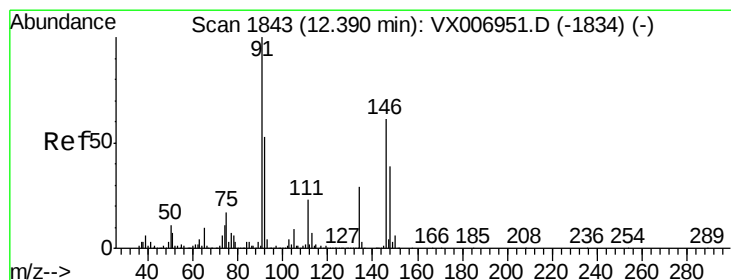
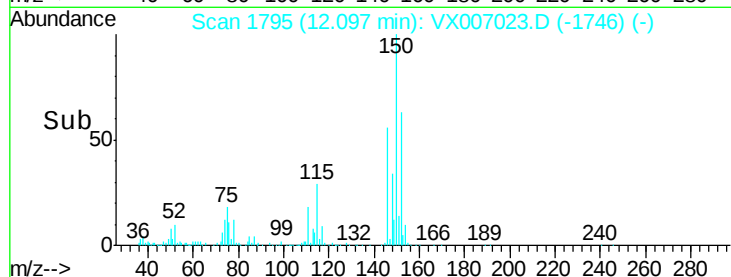
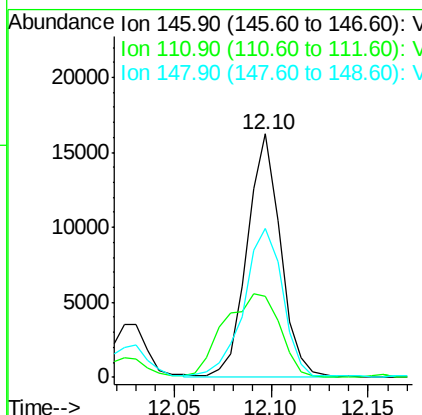
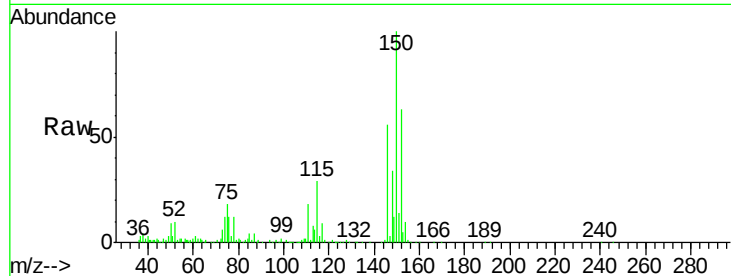
#88
 1,4-Dichlorobenzene
 Concen: 1.648 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007023.D
 Acq: 11 Jan 2019 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-190109

Tot Ion	Ratio	Lower	Upper
146	100		
111	9.3	18.1	54.1#
148	15.3	31.9	95.9#

Manual Integrations
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MMDadoda
 1/14/2019 10:40:26 AM



#91
 1,2-Dichlorobenzene
 Concen: 1.000 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007023.D
 Acq: 11 Jan 2019 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.4	58.2
148	61.7	32.3	96.9

