

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005909.D
 Acq On : 12 Nov 2018 19:07
 Operator : JC/MD
 Sample : J5912-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326-181108

Quant Time: Nov 13 06:09:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	107806	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	165633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	144708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75259	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	66077	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
35) Dibromofluoromethane	5.51	113	53657	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
50) Toluene-d8	8.71	98	190320	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.14	95	66703	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	

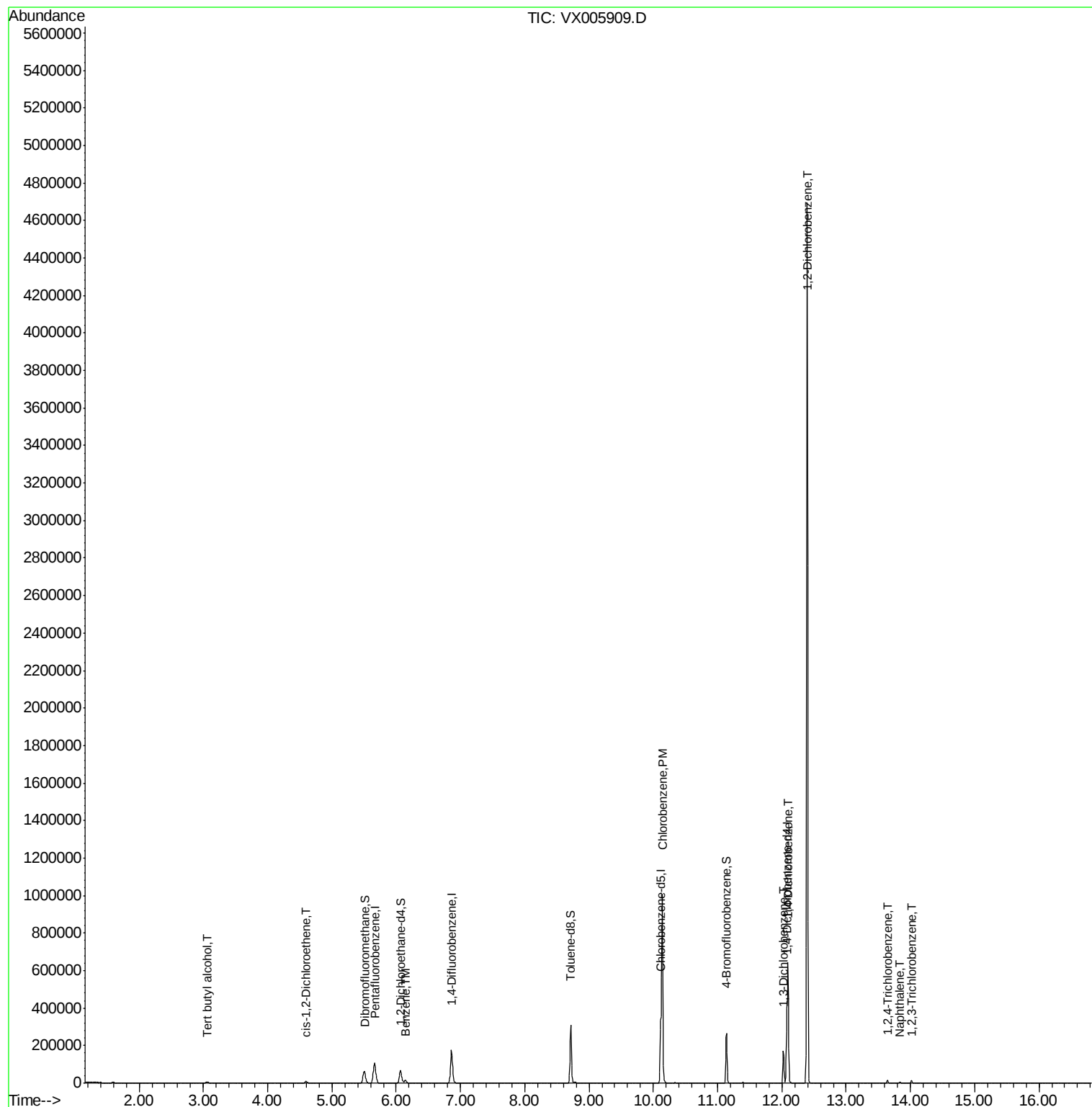
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	7052	19.863	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	5211	4.696	ug/l	90
40) Benzene	6.15	78	16743	3.597	ug/l	99
65) Chlorobenzene	10.14	112	436831	150.685	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	56052	23.809	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	196833	81.673	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	1515856	642.752	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	3956	2.383	ug/l	96
95) Naphthalene	13.83	128	4091	1.915	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	3605	2.131	ug/l	99

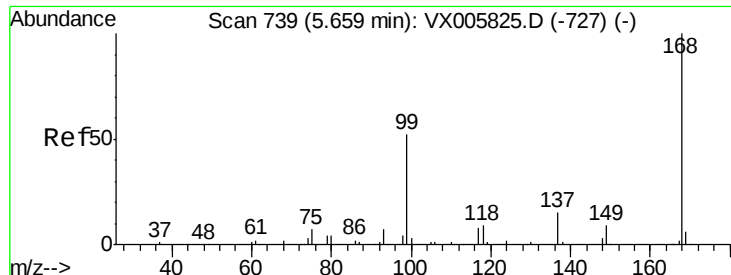
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111218\
Data File : VX005909.D
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Misc : 5.0mL/MSVOA X/WATER
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Quant Time: Nov 13 06:09:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005909.D

Acq: 12 Nov 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

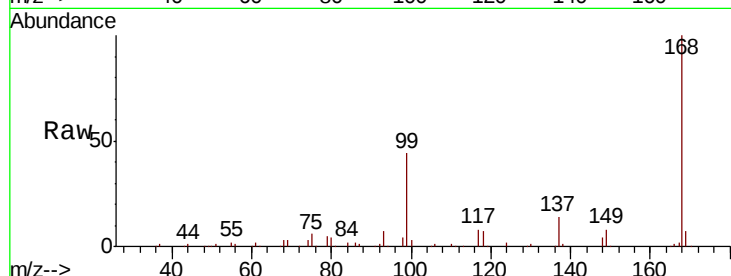
SS003MW326-181108

Tot Ion:168 Resp: 107806

Ion Ratio Lower Upper

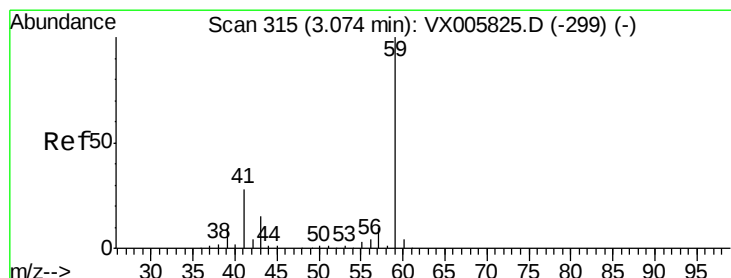
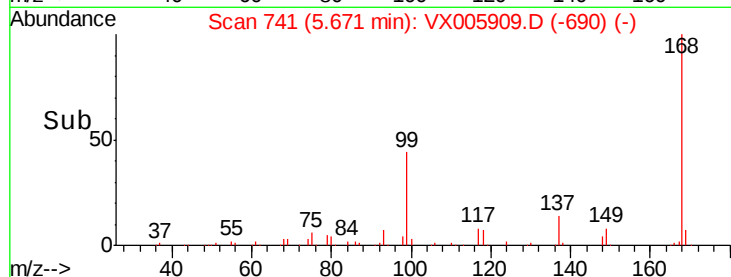
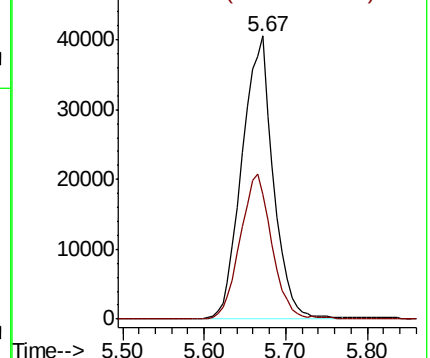
168 100

99 44.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 19.863 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX005909.D

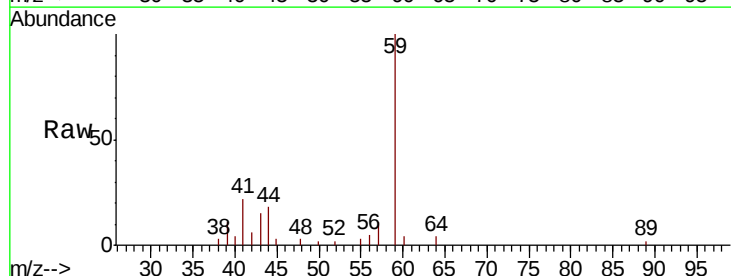
Acq: 12 Nov 2018 19:07

Tgt Ion: 59 Resp: 7052

Ion Ratio Lower Upper

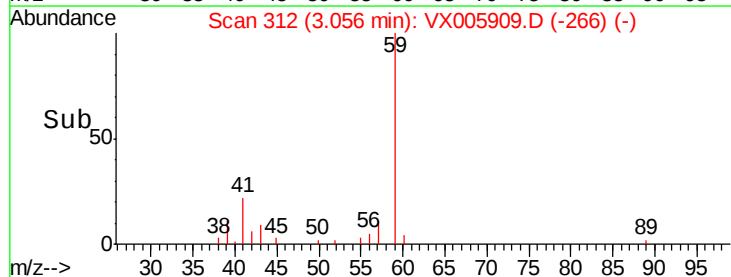
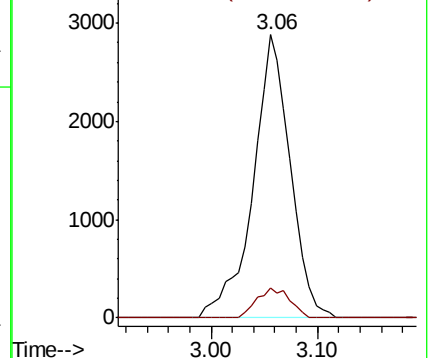
59 100

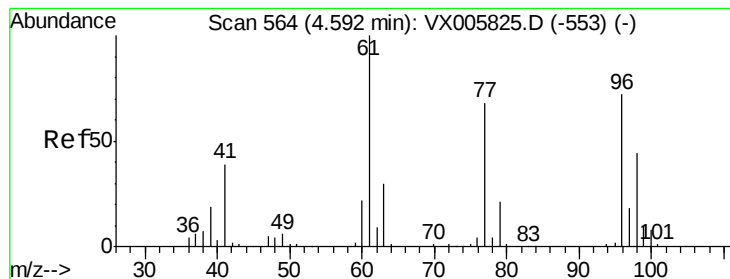
57 9.5 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 4.696 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX005909.D

Acq: 12 Nov 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

SS003MW326-181108

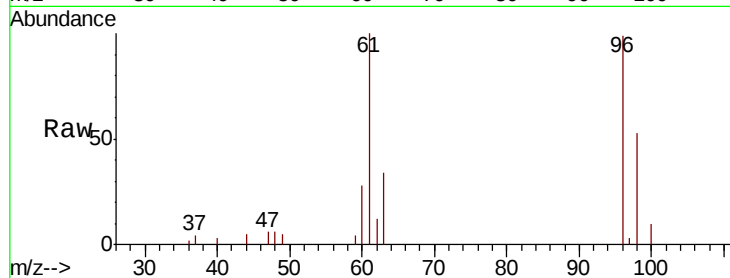
Tot Ion: 96 Resp: 5211

Ion Ratio Lower Upper

96 100

61 133.4 0.0 304.6

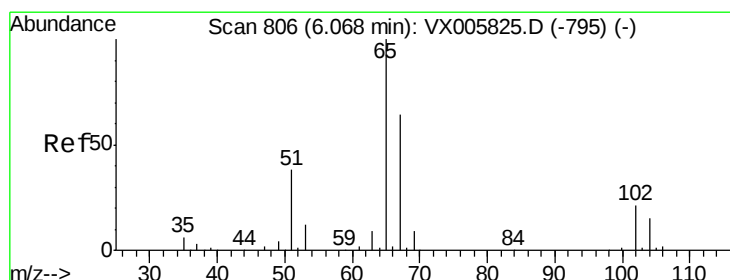
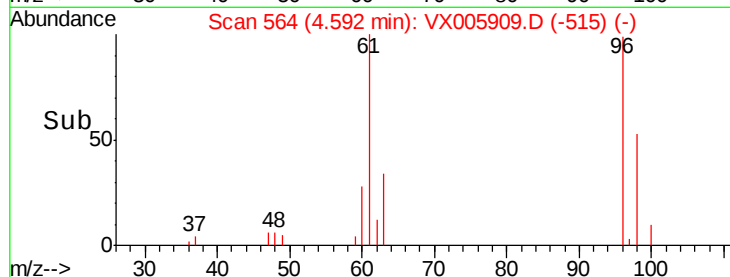
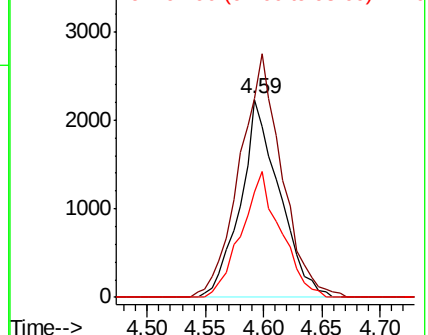
98 63.9 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.315 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005909.D

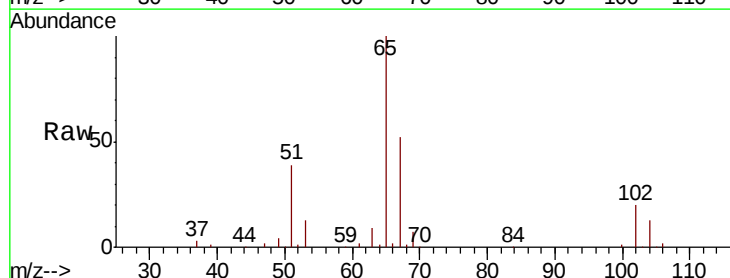
Acq: 12 Nov 2018 19:07

Tgt Ion: 65 Resp: 66077

Ion Ratio Lower Upper

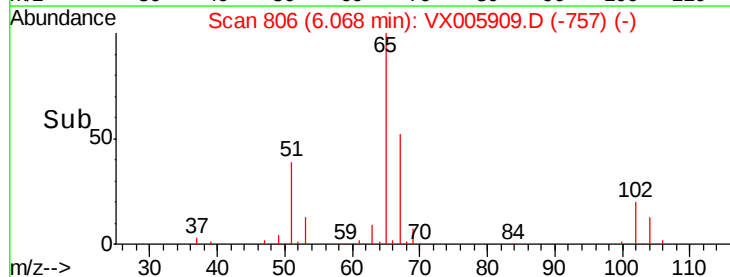
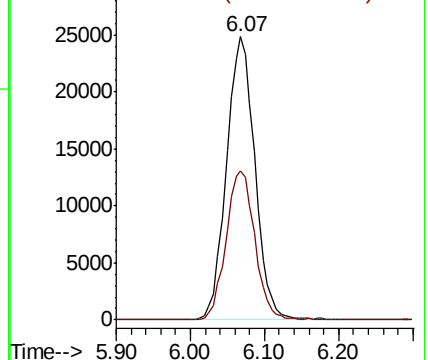
65 100

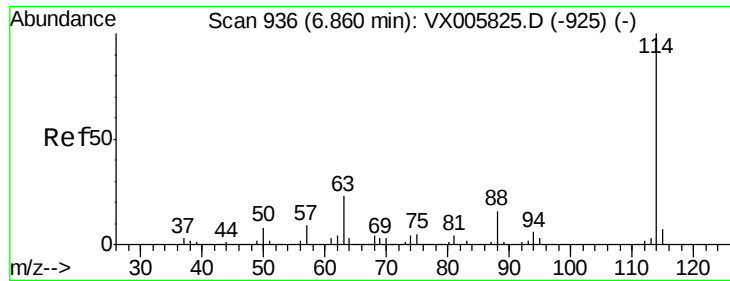
67 53.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

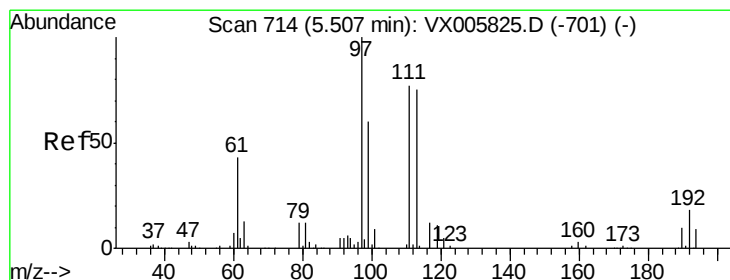
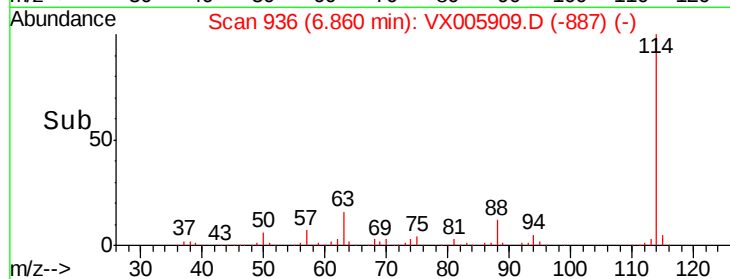
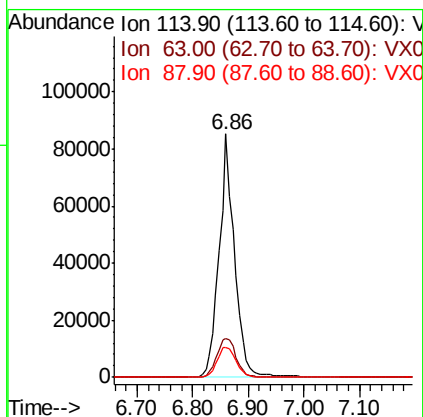
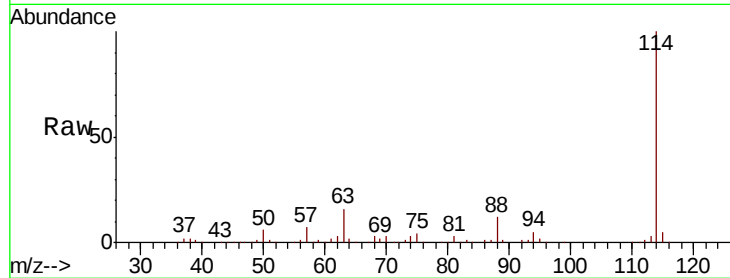




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005909.D
Acq: 12 Nov 2018 19:07

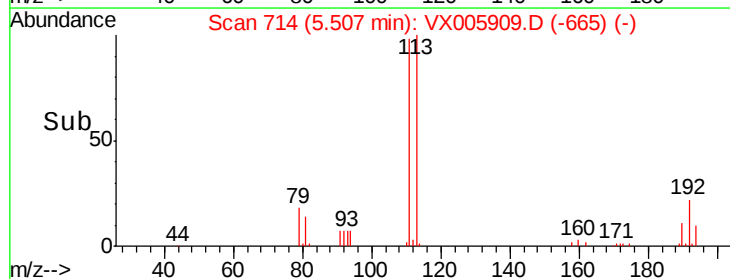
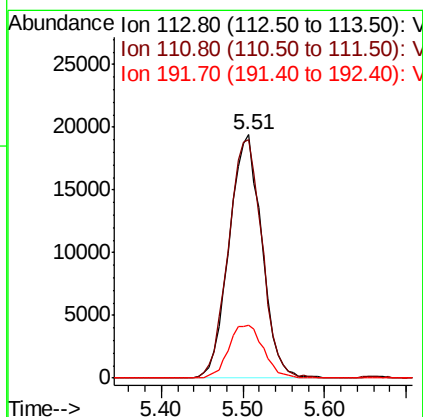
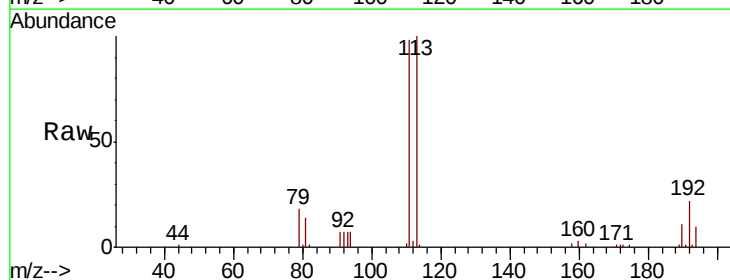
Instrument :
MSVOA_X
ClientSampleId :
SS003MW326-181108

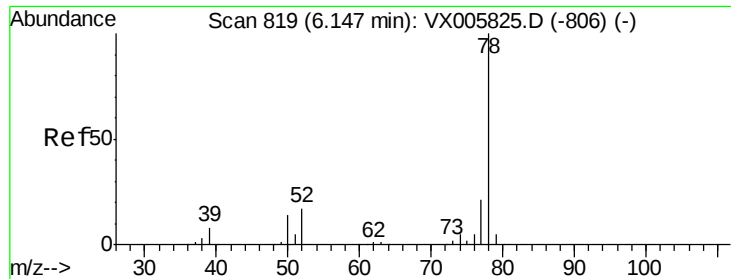
Tot Ion:114 Resp: 165633
Ion Ratio Lower Upper
114 100
63 16.1 0.0 42.8
88 12.4 0.0 31.2



#35
Dibromofluoromethane
Concen: 47.629 ug/l
RT: 5.51 min Scan# 714
Delta R.T. -0.00 min
Lab File: VX005909.D
Acq: 12 Nov 2018 19:07

Tgt Ion:113 Resp: 53657
Ion Ratio Lower Upper
113 100
111 101.2 82.3 123.5
192 23.0 17.9 26.9

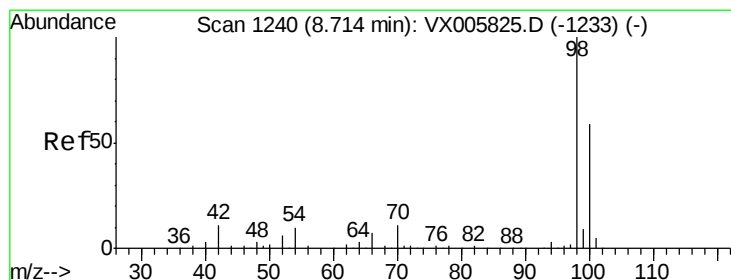
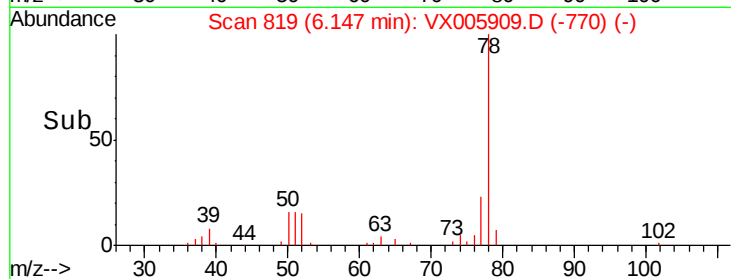
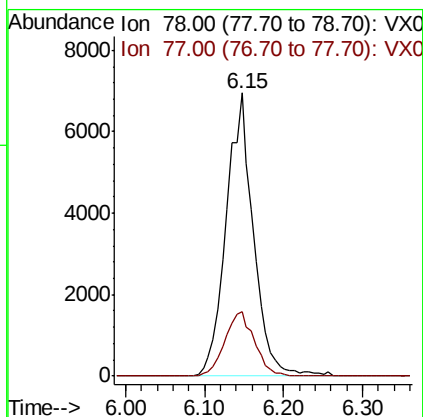
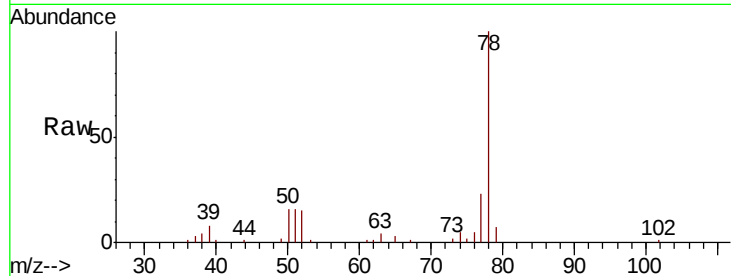




#40
Benzene
Concen: 3.597 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005909.D
Acq: 12 Nov 2018 19:07

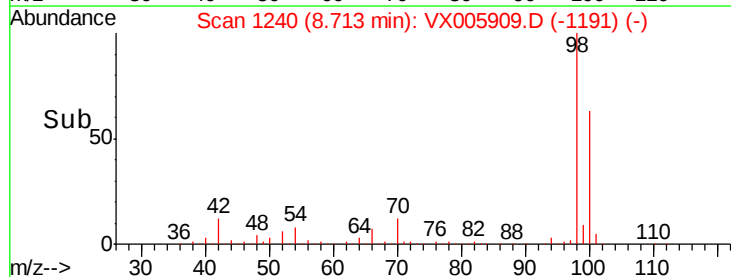
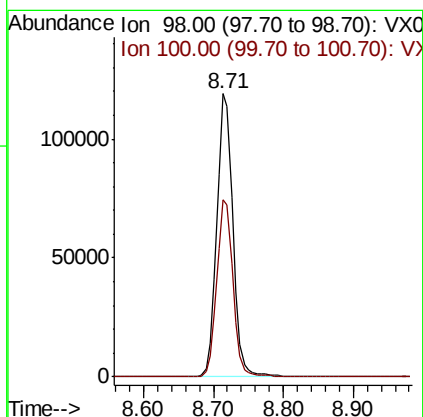
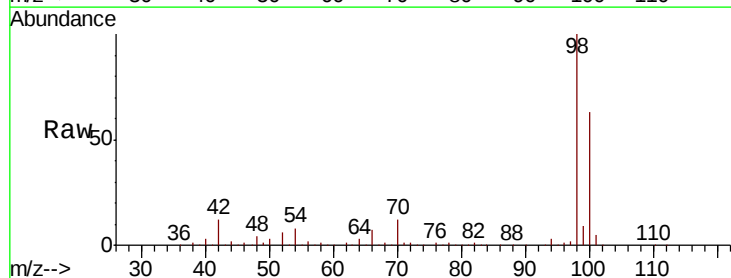
Instrument :
MSVOA_X
ClientSampleId :
SS003MW326-181108

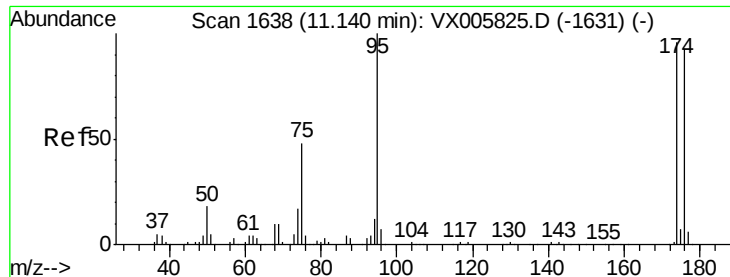
Tot Ion: 78 Resp: 16743
Ion Ratio Lower Upper
78 100
77 22.7 18.4 27.6



#50
Toluene-d8
Concen: 50.816 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005909.D
Acq: 12 Nov 2018 19:07

Tgt Ion: 98 Resp: 190320
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9

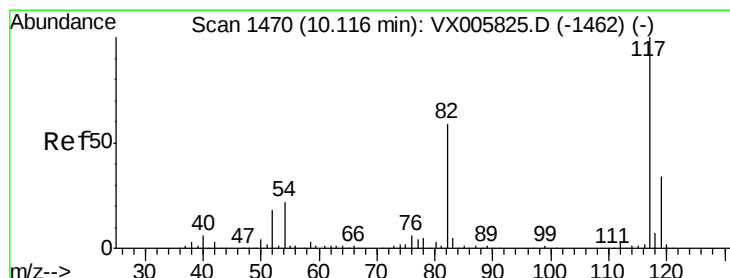
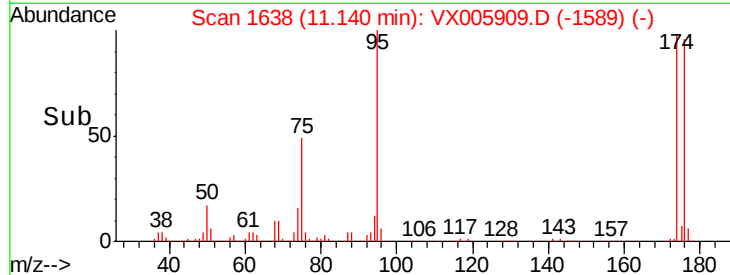
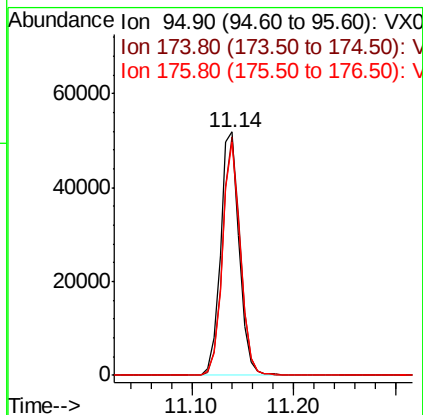
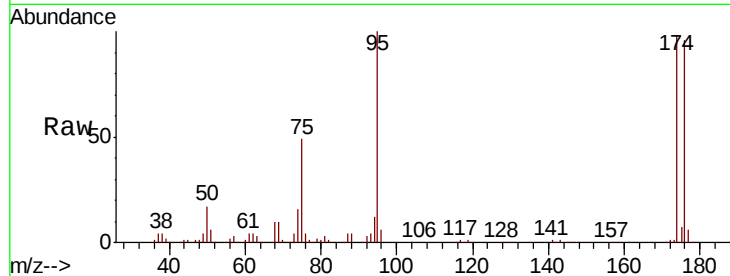




#62
4-Bromofluorobenzene
Concen: 49.535 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005909.D
Acq: 12 Nov 2018 19:07

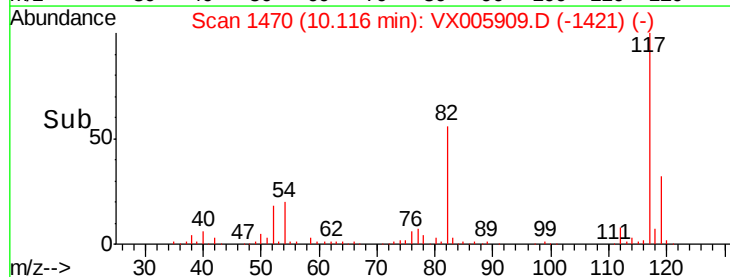
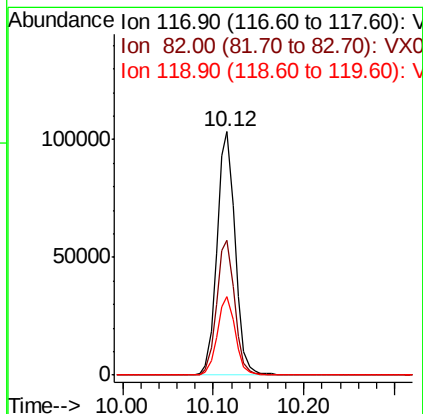
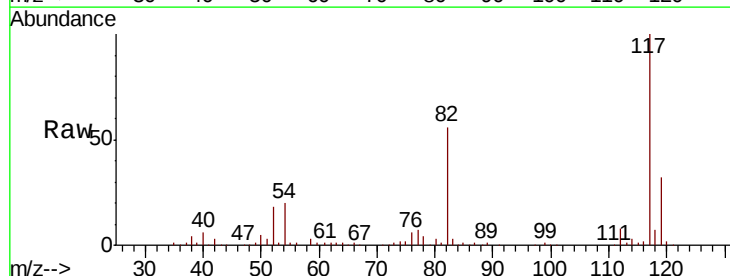
Instrument :
MSVOA_X
ClientSampleId :
SS003MW326-181108

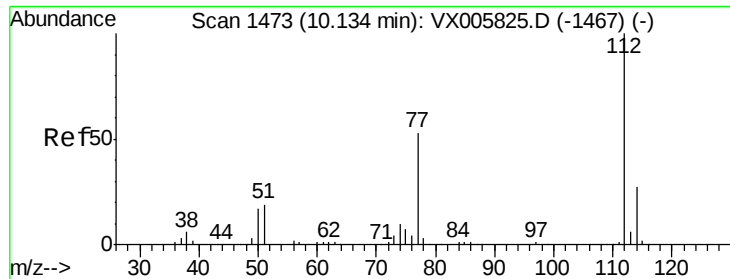
Tot Ion	95	Resp	66703
Ion Ratio	Lower	Upper	
95	100		
174	92.9	0.0	184.4
176	90.9	0.0	177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005909.D
Acq: 12 Nov 2018 19:07

Tgt Ion	117	Resp	144708
Ion Ratio	Lower	Upper	
117	100		
82	55.6	44.1	66.1
119	32.2	26.2	39.2

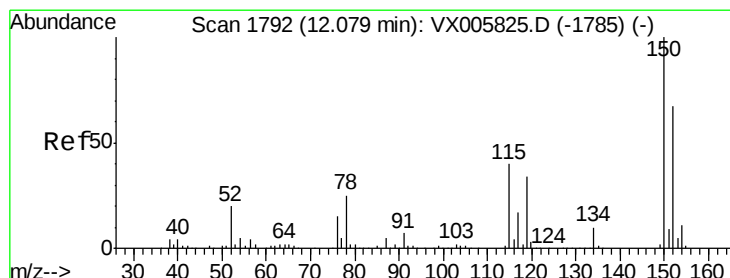
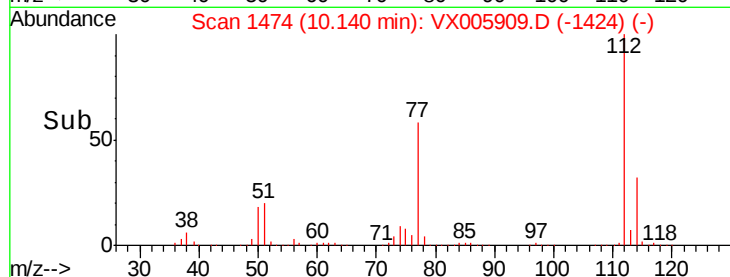
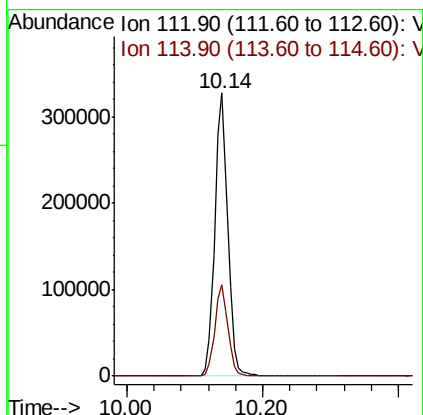
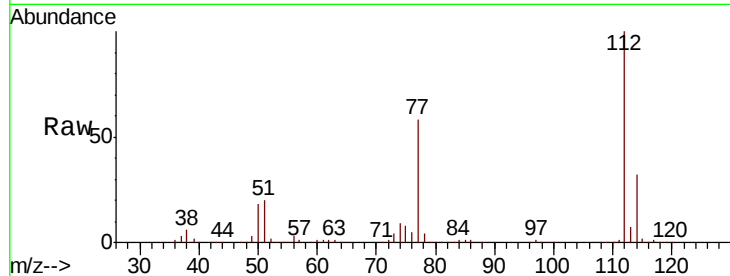




#65
Chlorobenzene
Concen: 150.685 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005909.D
Acq: 12 Nov 2018 19:07

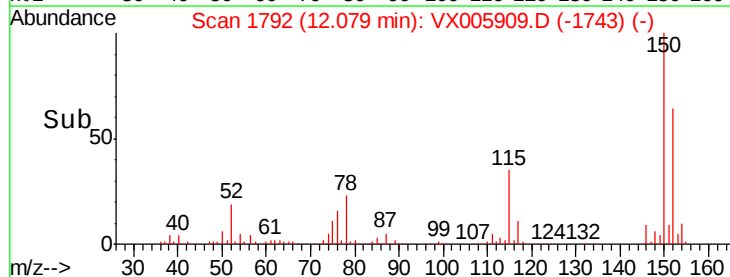
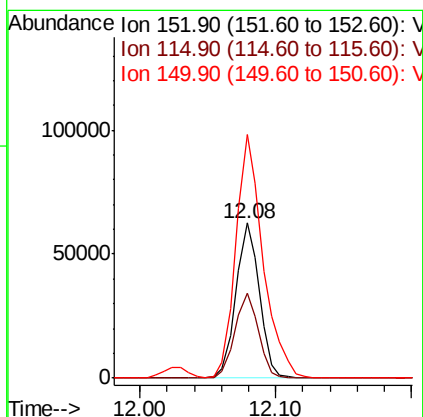
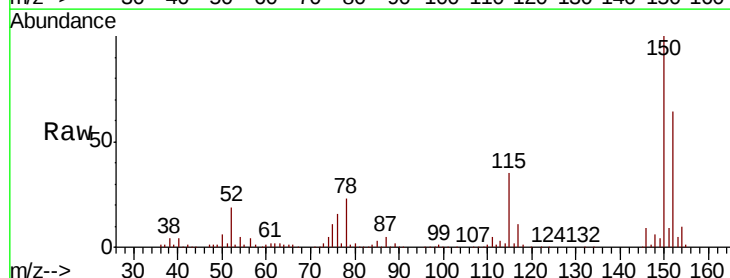
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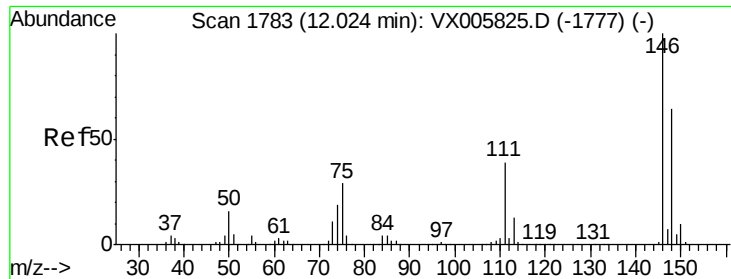
Tot Ion:112 Resp: 436831
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005909.D
Acq: 12 Nov 2018 19:07

Tgt Ion:152 Resp: 75259
Ion Ratio Lower Upper
152 100
115 54.6 39.4 118.1
150 181.2 0.0 346.4





#87

1,3-Dichlorobenzene

Concen: 23.809 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005909.D

Acq: 12 Nov 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

SS003MW326-181108

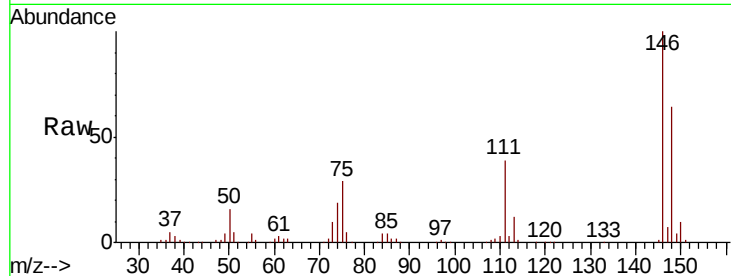
Tot Ion:146 Resp: 56052

Ion Ratio Lower Upper

146 100

111 38.0 19.0 57.0

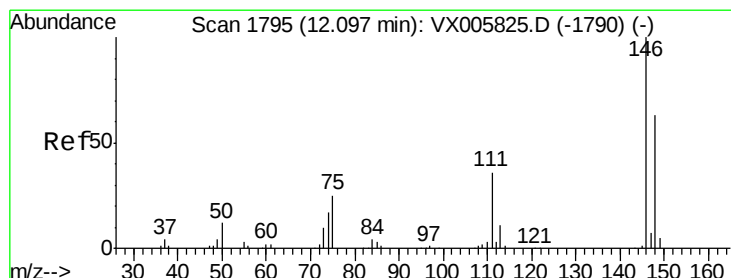
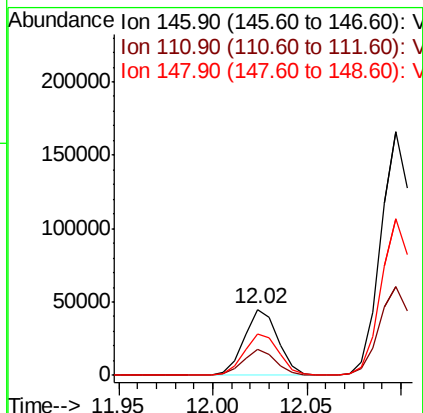
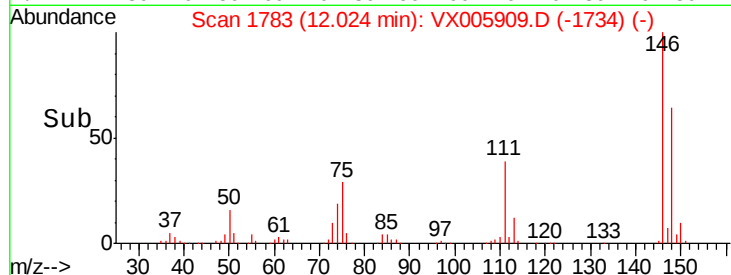
148 64.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 81.673 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005909.D

Acq: 12 Nov 2018 19:07

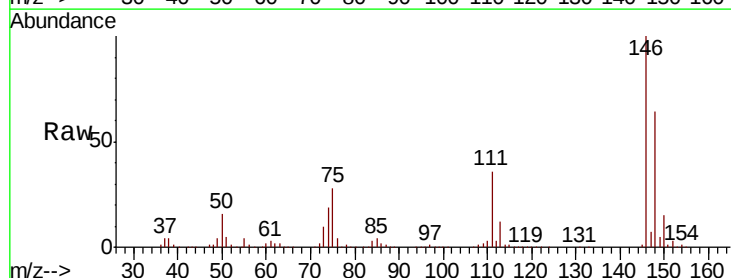
Tgt Ion:146 Resp: 196833

Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.8

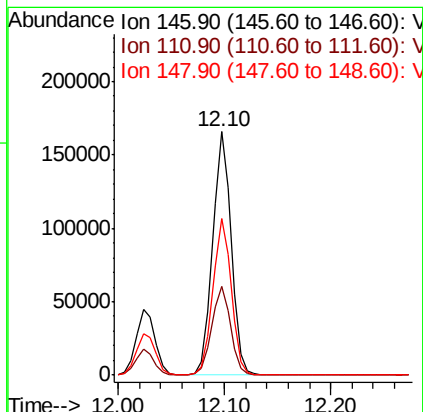
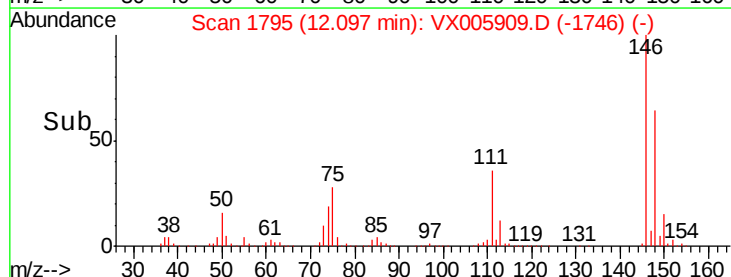
148 64.5 32.1 96.3

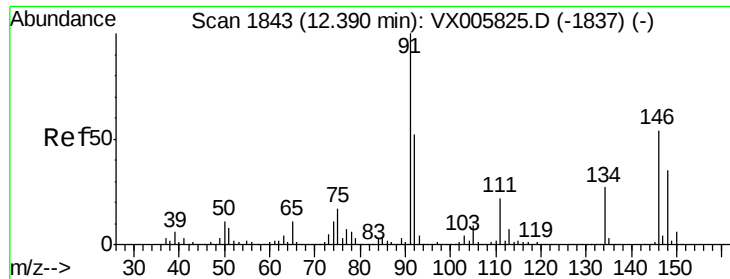


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

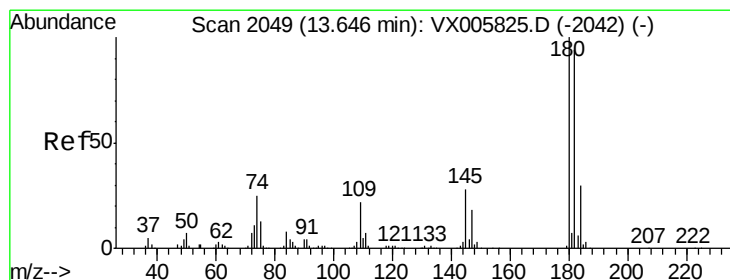
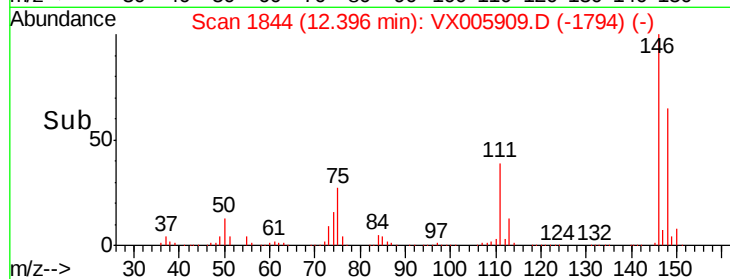
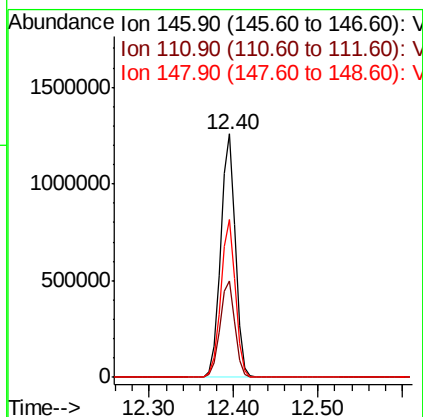
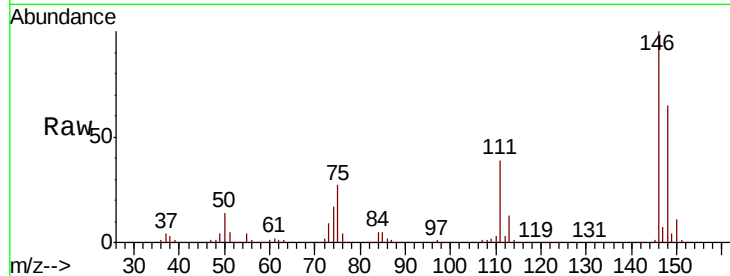




#91
 1,2-Dichlorobenzene
 Concen: 642.752 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005909.D
 Acq: 12 Nov 2018 19:07

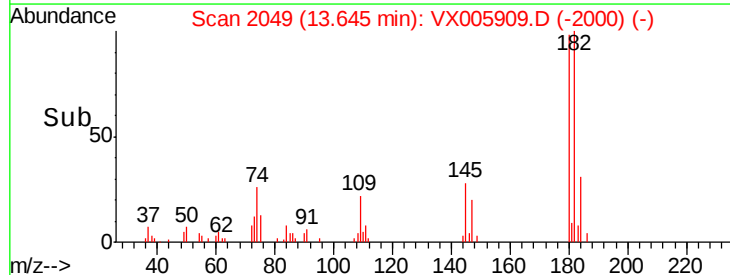
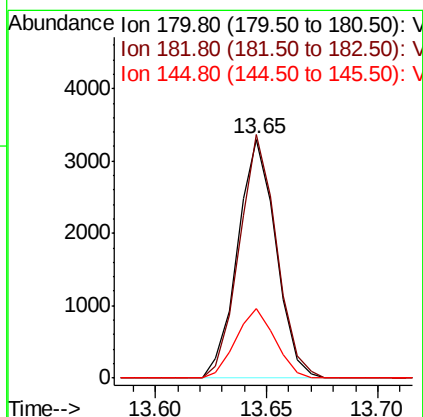
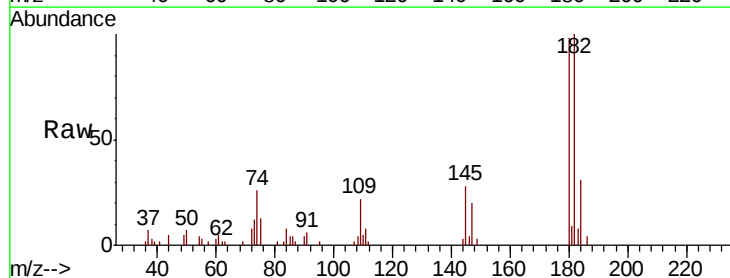
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326-181108

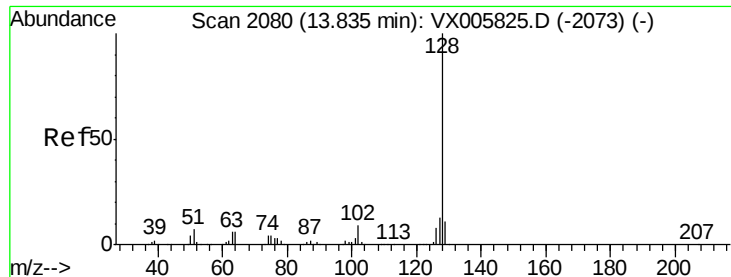
Tot Ion:146 Resp: 1515856
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 64.4 32.2 96.6



#93
 1,2,4-Trichlorobenzene
 Concen: 2.383 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005909.D
 Acq: 12 Nov 2018 19:07

Tgt Ion:180 Resp: 3956
 Ion Ratio Lower Upper
 180 100
 182 99.1 47.6 142.8
 145 29.5 14.1 42.2

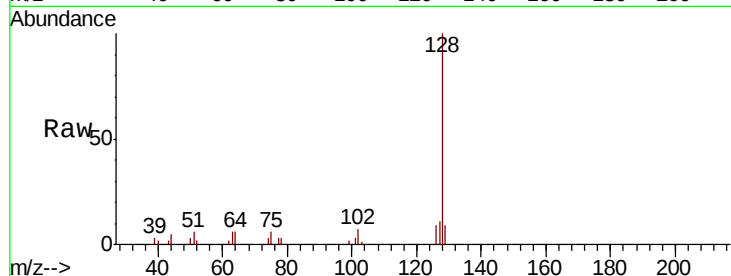




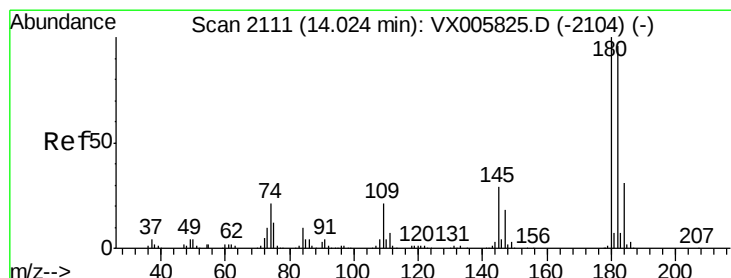
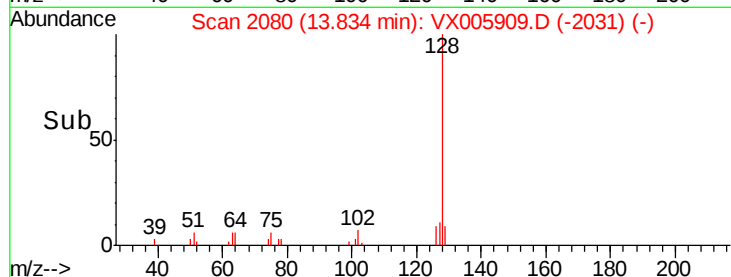
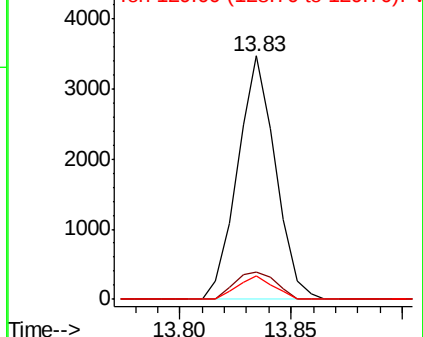
#95
Naphthalene
Concen: 1.915 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005909.D
Acq: 12 Nov 2018 19:07

Instrument :
MSVOA_X
ClientSampleId :
SS003MW326-181108

Tot Ion:128 Resp: 4091
Ion Ratio Lower Upper
128 100
127 12.2 10.4 15.6
129 8.9 8.7 13.1

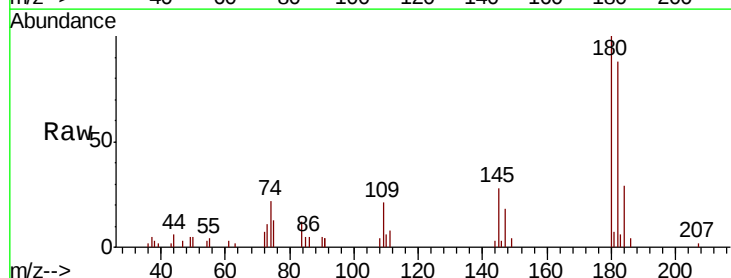


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 2.131 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005909.D
Acq: 12 Nov 2018 19:07

Tgt Ion:180 Resp: 3605
Ion Ratio Lower Upper
180 100
182 95.5 48.0 144.2
145 30.4 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

