

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041919\
 Data File : VX009080.D
 Acq On : 19 Apr 2019 19:01
 Operator : JC/SP
 Sample : K2495-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040RW056-190417

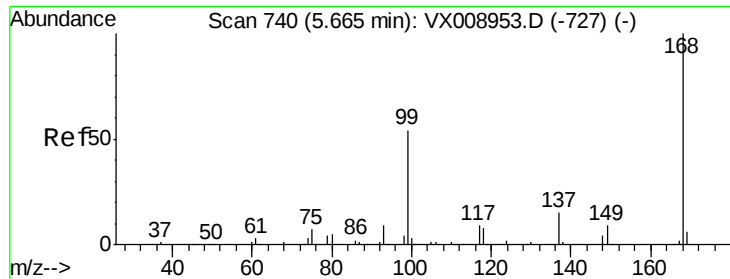
Quant Time: Apr 20 00:41:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128129	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	149272	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
35) Dibromofluoromethane	5.50	113	110149	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
50) Toluene-d8	8.71	98	446678	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.13	95	145217	44.42	ug/l	0.00
Spiked Amount			Recovery	=	88.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	671	0.215	ug/l #	68
4) Vinyl Chloride	1.40	62	9843	3.244	ug/l	95
5) Bromomethane	1.65	94	901	4.286	ug/l #	80
6) Chloroethane	1.67	64	2524	1.415	ug/l #	56
10) Methyl Iodide	2.52	142	953	4.765	ug/l #	95
11) Tert butyl alcohol	3.02	59	2187	3.172	ug/l #	87
12) 1,1-Dichloroethene	2.37	96	847	0.358	ug/l #	75
13) Acrolein	2.29	56	395	0.663	ug/l #	40
15) Acrylonitrile	3.14	53	1290	0.737	ug/l #	90
16) Acetone	2.45	43	2452	1.522	ug/l	89
17) Carbon Disulfide	2.57	76	3377	1.727	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	1677	0.665	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	239877	83.794	ug/l	92
28) Bromochloromethane	5.03	49	481	Below Cal	#	53
36) 1,1-Dichloropropene	5.81	75	796	0.213	ug/l #	79
38) Carbon Tetrachloride	5.67	117	21162	6.671	ug/l #	17
39) Methylcyclohexane	7.45	83	1232	0.270	ug/l #	61
44) Trichloroethene	7.21	130	243118	89.883	ug/l	100
49) 1,4-Dioxane	7.76	88	21	0.293	ug/l #	1
60) Dibromochloromethane	9.34	129	55056	21.908	ug/l #	10
64) Tetrachloroethene	9.34	164	59447	25.609	ug/l	97
65) Chlorobenzene	10.13	112	1970	0.305	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	73564	23.513	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	73564	60.364	ug/l #	11
88) 1,4-Dichlorobenzene	12.10	146	1431	0.329	ug/l #	11
91) 1,2-Dichlorobenzene	12.39	146	896	0.212	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	13.01	75	166	0.205	ug/l #	35
93) 1,2,4-Trichlorobenzene	13.65	180	816	0.267	ug/l #	81
95) Naphthalene	13.83	128	2925	0.299	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.02	180	827	0.274	ug/l #	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

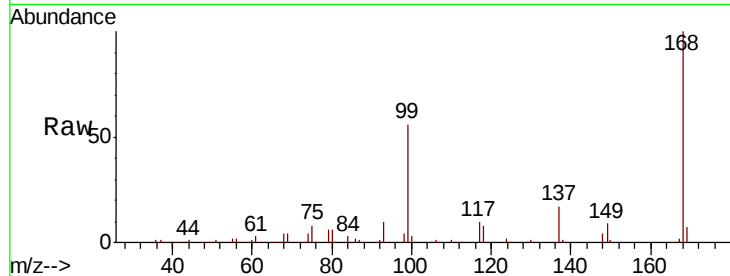
SS040RW056-190417

Tot Ion:168 Resp: 220433

Ion Ratio Lower Upper

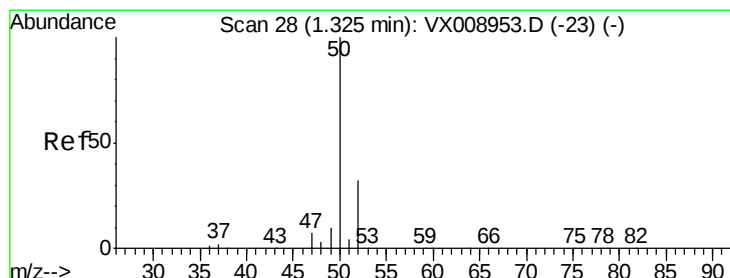
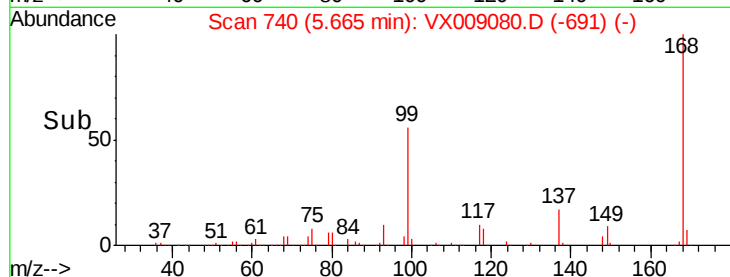
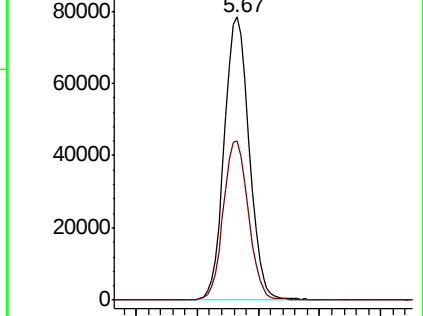
168 100

99 56.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.215 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009080.D

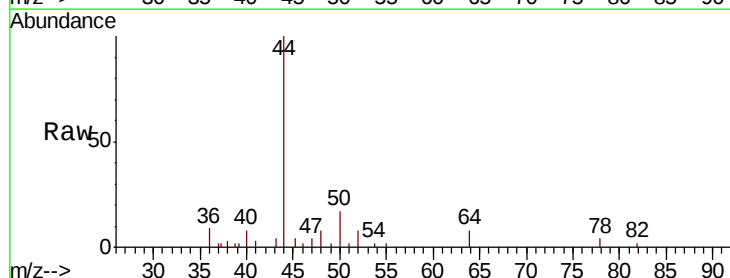
Acq: 19 Apr 2019 19:01

Tgt Ion: 50 Resp: 671

Ion Ratio Lower Upper

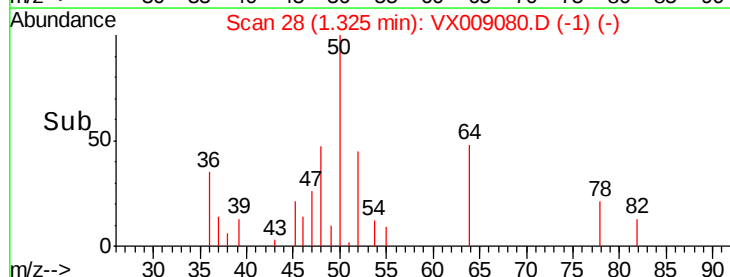
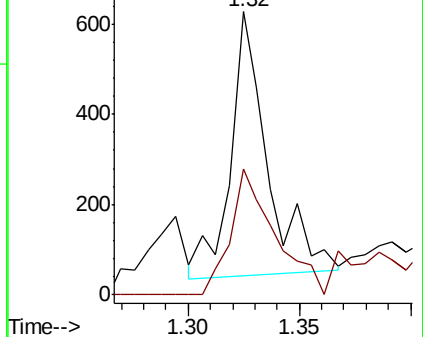
50 100

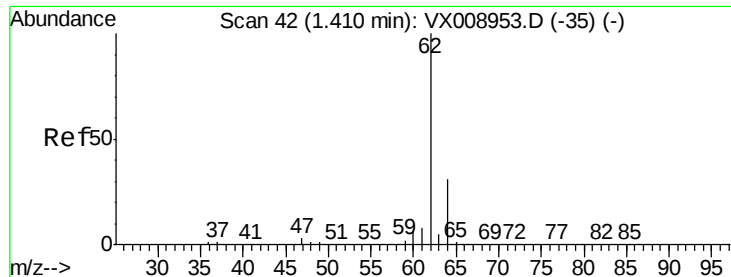
52 49.6 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 3.244 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

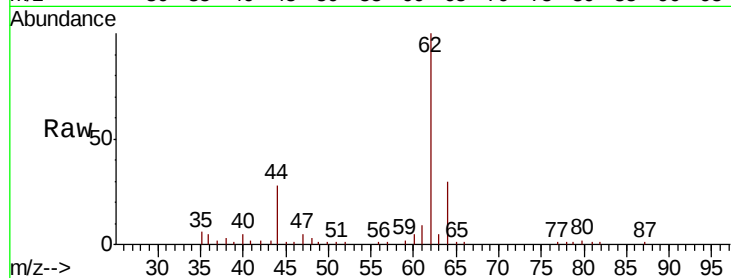
SS040RW056-190417

Tot Ion: 62 Resp: 9843

Ion Ratio Lower Upper

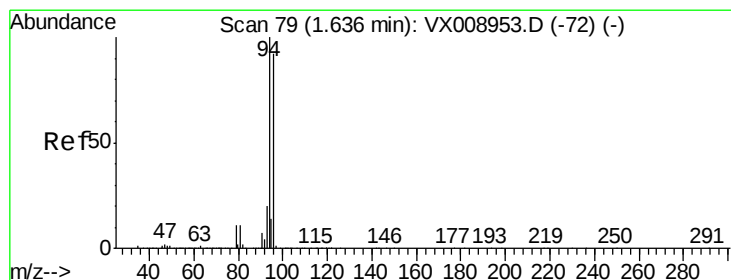
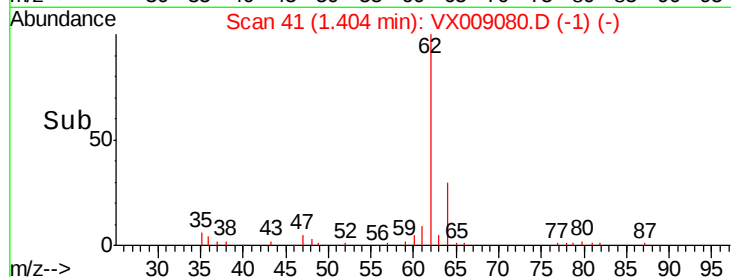
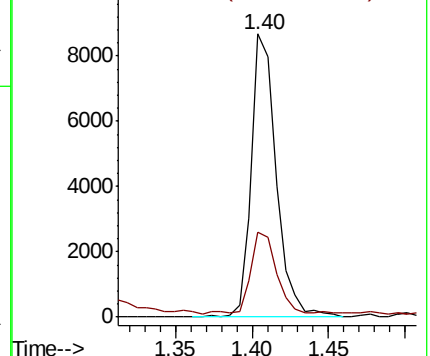
62 100

64 28.6 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 4.286 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX009080.D

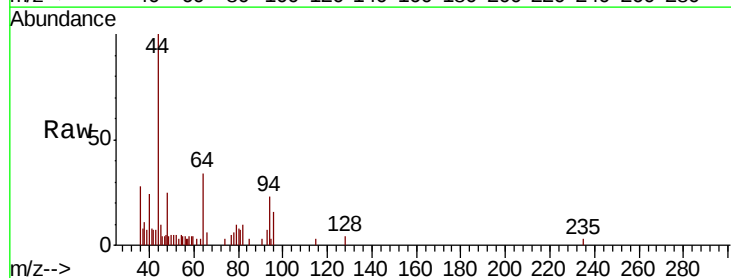
Acq: 19 Apr 2019 19:01

Tgt Ion: 94 Resp: 901

Ion Ratio Lower Upper

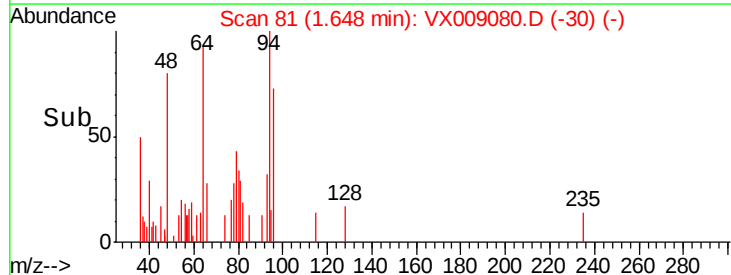
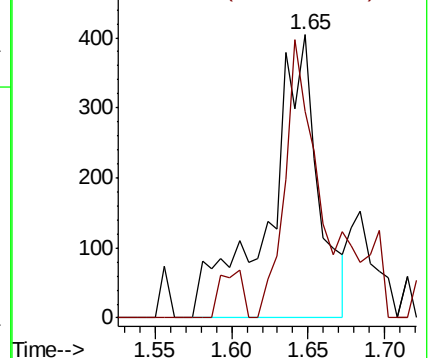
94 100

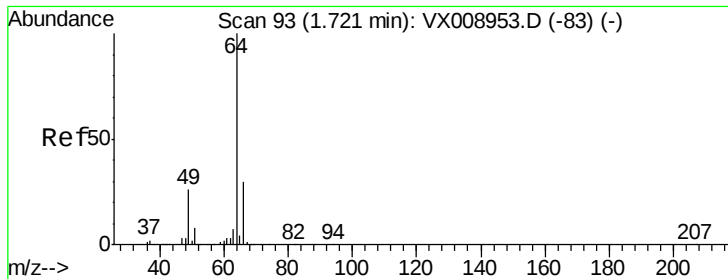
96 73.0 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 1.415 ug/l

RT: 1.67 min Scan# 85

Delta R.T. -0.05 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

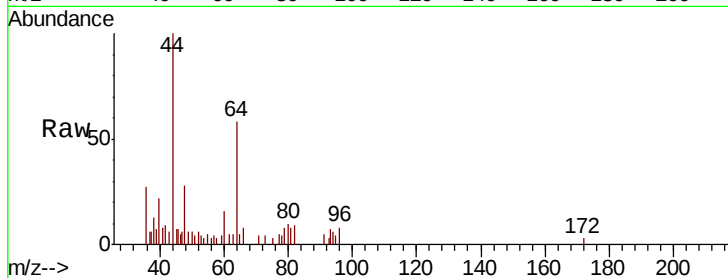
SS040RW056-190417

Tot Ion: 64 Resp: 2524

Ion Ratio Lower Upper

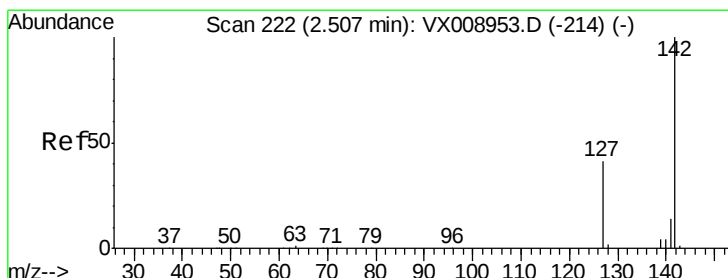
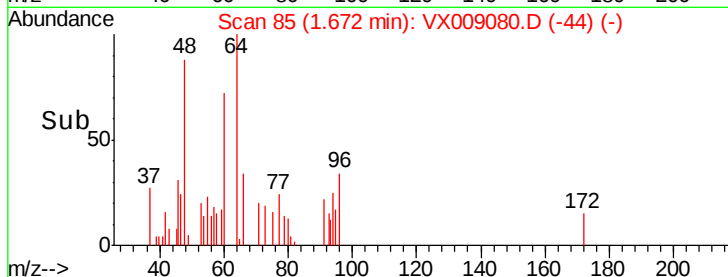
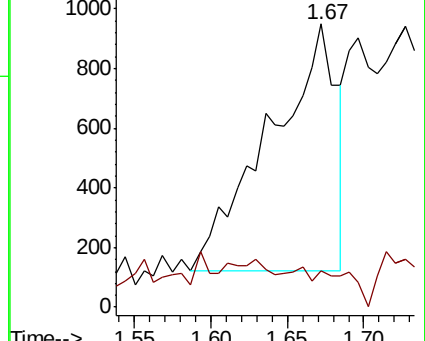
64 100

66 6.2 24.2 36.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 4.765 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

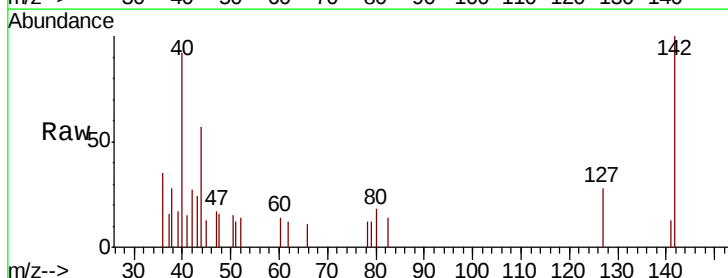
Tgt Ion: 142 Resp: 953

Ion Ratio Lower Upper

142 100

127 38.8 32.8 49.2

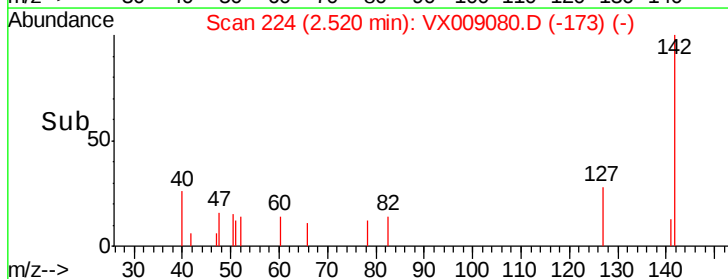
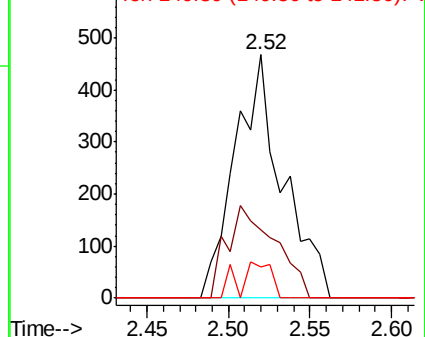
141 10.1 11.4 17.2#

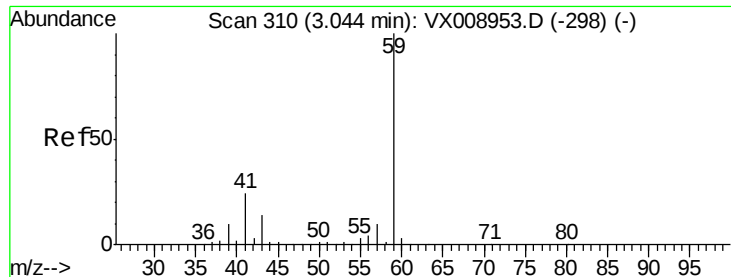


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

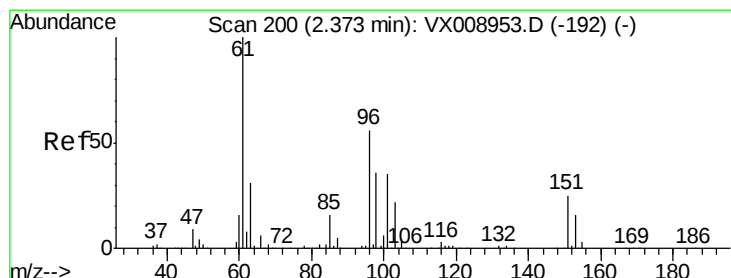
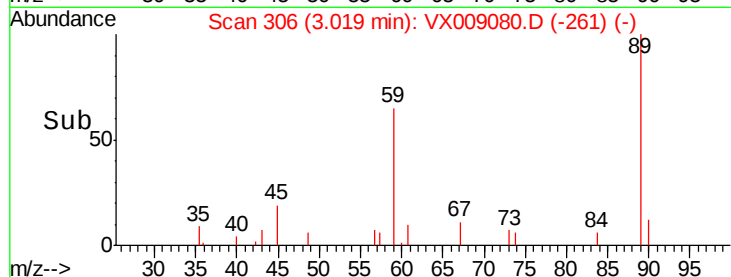
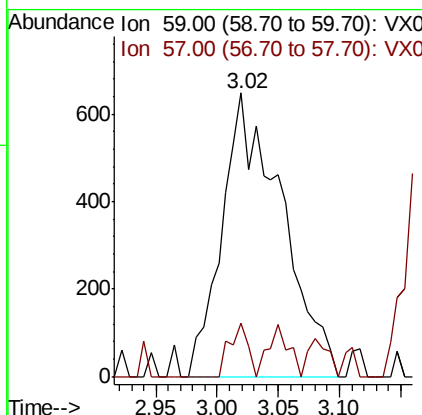
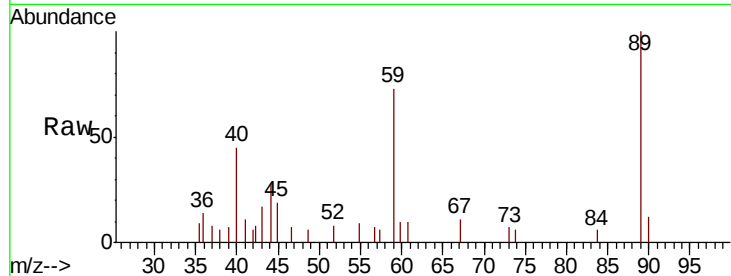




#11
Tert butvl alcohol
Concen: 3.172 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.02 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

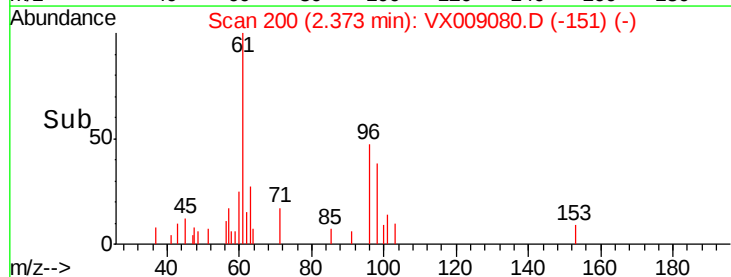
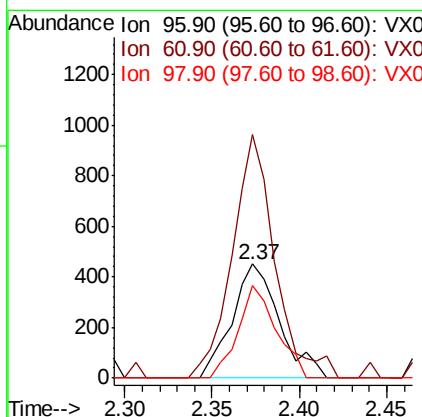
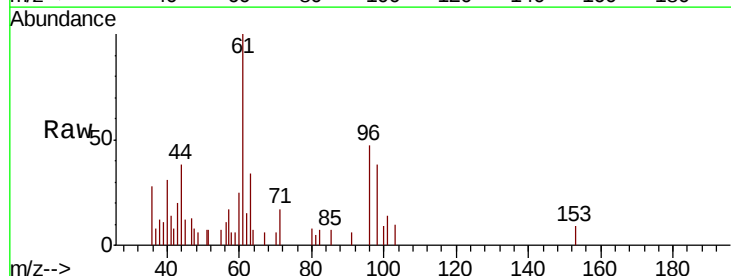
Instrument :
MSVOA_X
ClientSampleId :
SS040RW056-190417

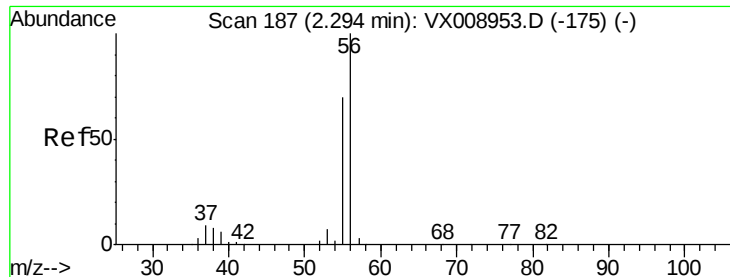
Tot Ion: 59 Resp: 2187
Ion Ratio Lower Upper
59 100
57 5.8 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 0.358 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

Tgt Ion: 96 Resp: 847
Ion Ratio Lower Upper
96 100
61 213.5 142.2 213.2#
98 80.9 50.9 76.3#





#13

Acrolein

Concen: 0.663 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

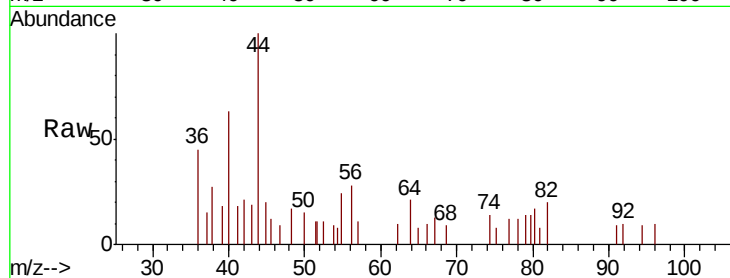
SS040RW056-190417

Tot Ion: 56 Resp: 395

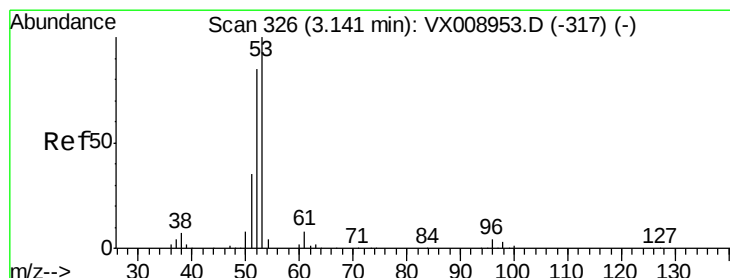
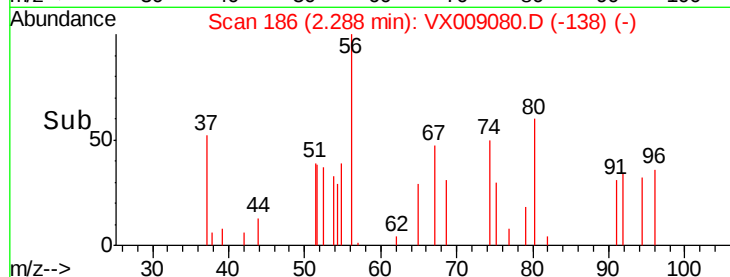
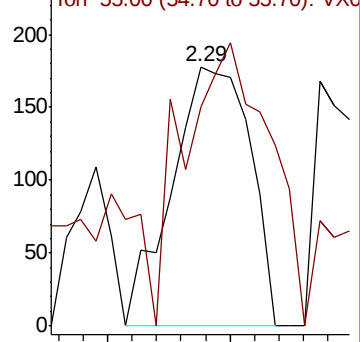
Ion Ratio Lower Upper

56 100

55 120.0 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0



#15

Acrylonitrile

Concen: 0.737 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

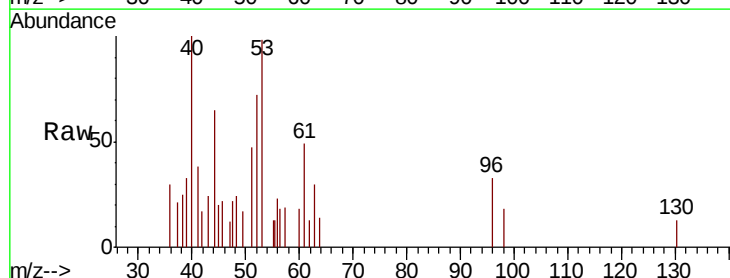
Tgt Ion: 53 Resp: 1290

Ion Ratio Lower Upper

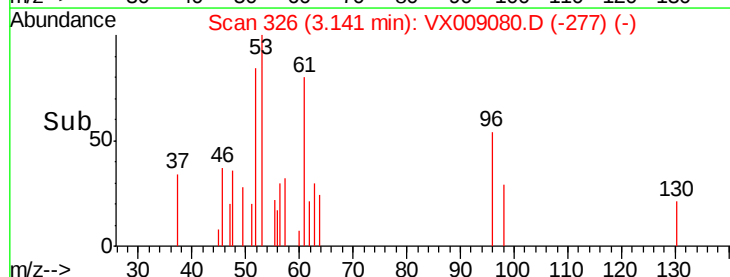
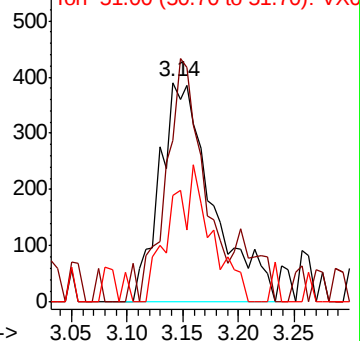
53 100

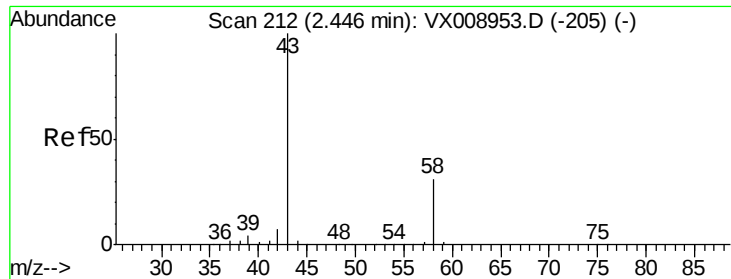
52 79.4 66.6 100.0

51 22.2 28.3 42.5#



Abundance Ion 53.00 (52.70 to 53.70): VX0





#16

Acetone

Concen: 1.522 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

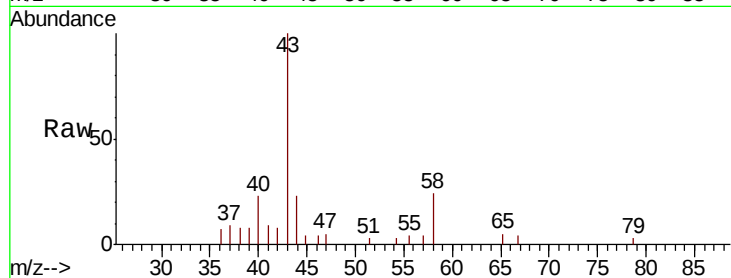
SS040RW056-190417

Tot Ion: 43 Resp: 2452

Ion Ratio Lower Upper

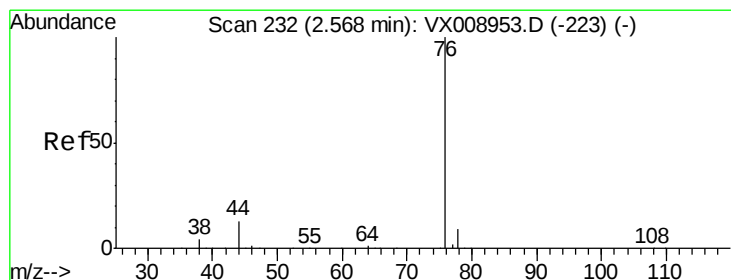
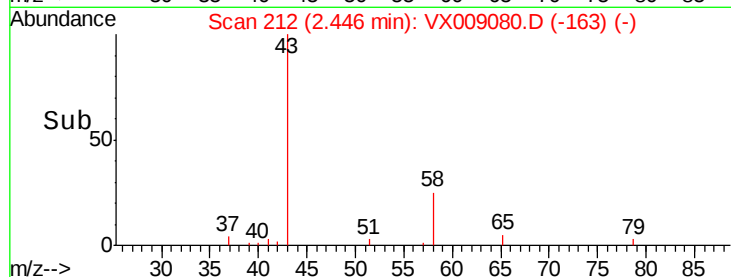
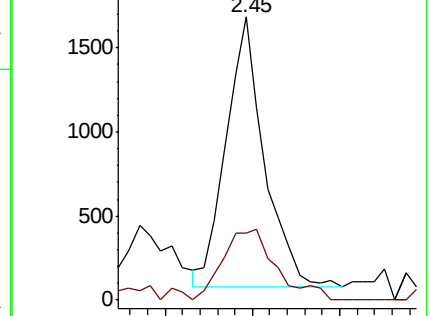
43 100

58 25.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 1.727 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009080.D

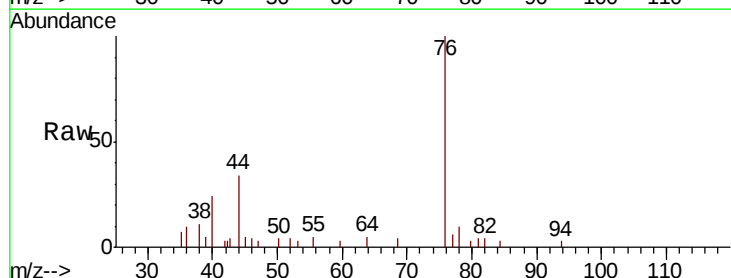
Acq: 19 Apr 2019 19:01

Tgt Ion: 76 Resp: 3377

Ion Ratio Lower Upper

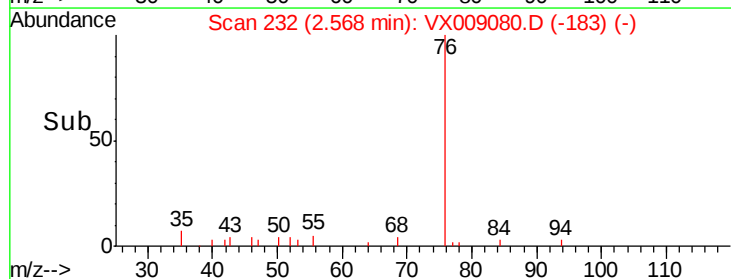
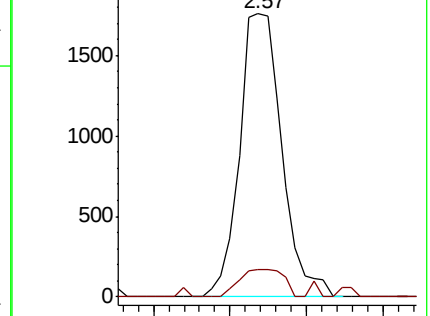
76 100

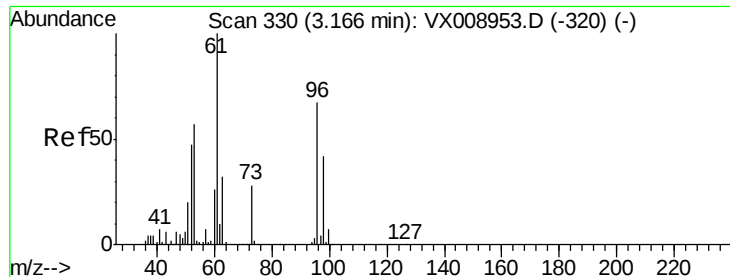
78 9.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.665 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SS040RW056-190417

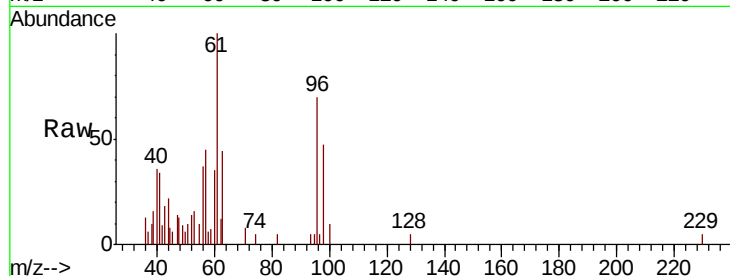
Tot Ion: 96 Resp: 1677

Ion Ratio Lower Upper

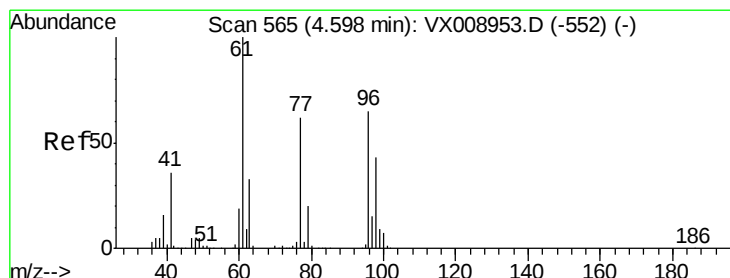
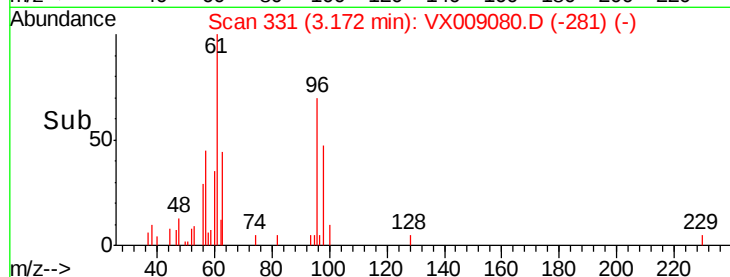
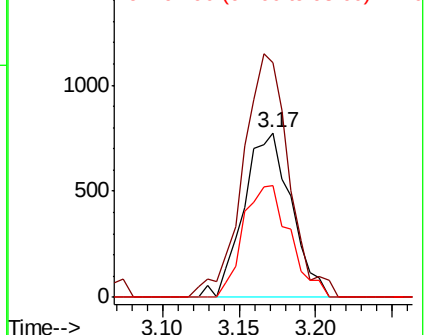
96 100

61 143.0 120.3 180.5

98 67.6 50.2 75.2



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



#27

cis-1,2-Dichloroethene

Concen: 83.794 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

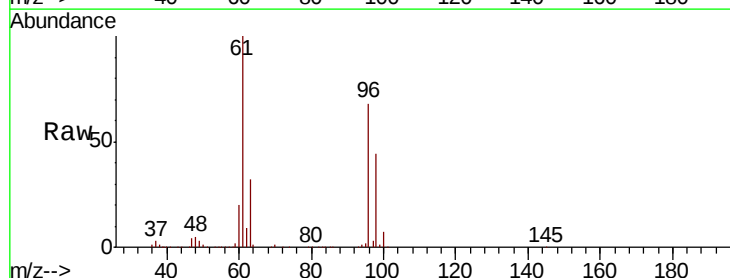
Tgt Ion: 96 Resp: 239877

Ion Ratio Lower Upper

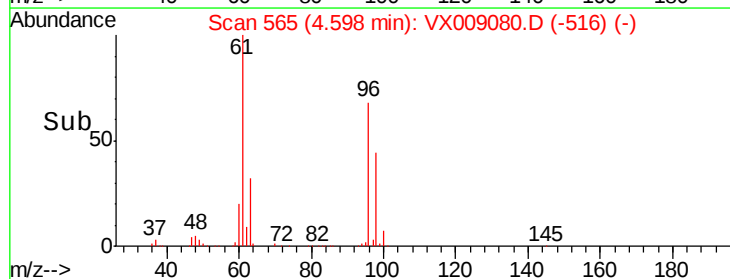
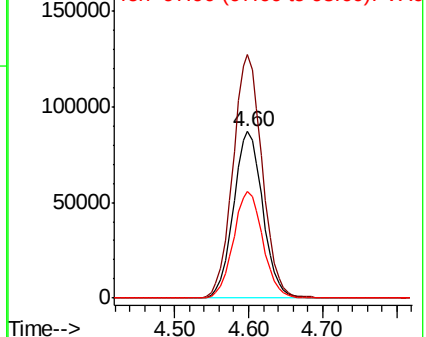
96 100

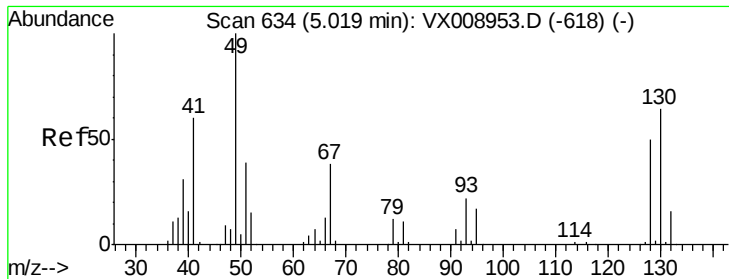
61 146.0 0.0 322.0

98 64.5 0.0 128.4



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





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SS040RW056-190417

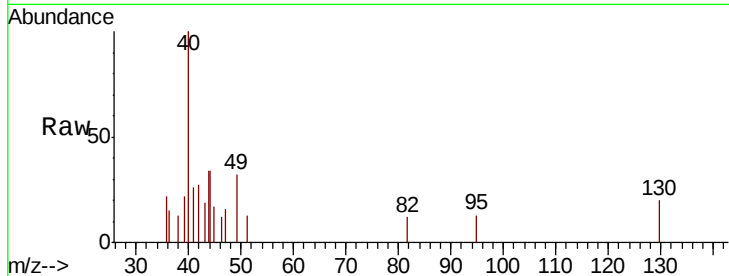
Tot Ion: 49 Resp: 481

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

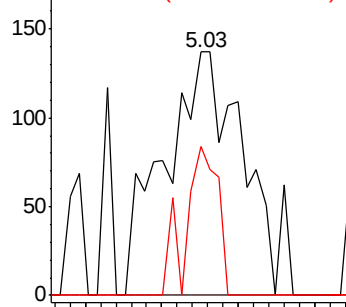
130 25.6 50.4 75.6#



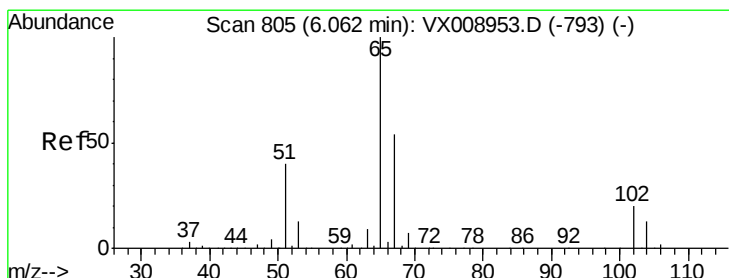
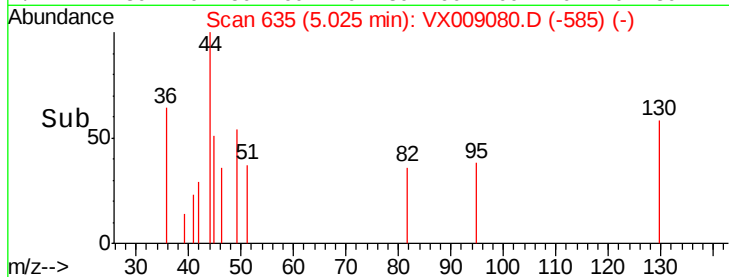
Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.051 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009080.D

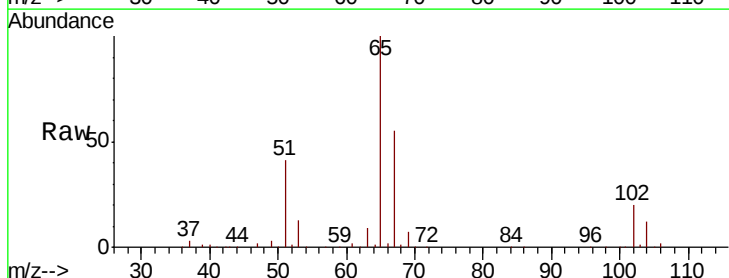
Acq: 19 Apr 2019 19:01

Tgt Ion: 65 Resp: 149272

Ion Ratio Lower Upper

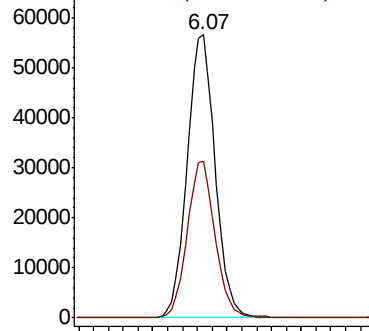
65 100

67 54.6 0.0 108.6

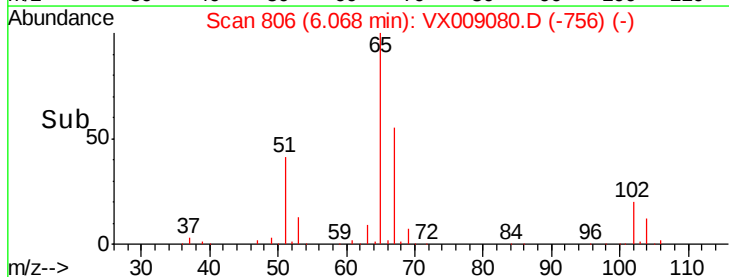


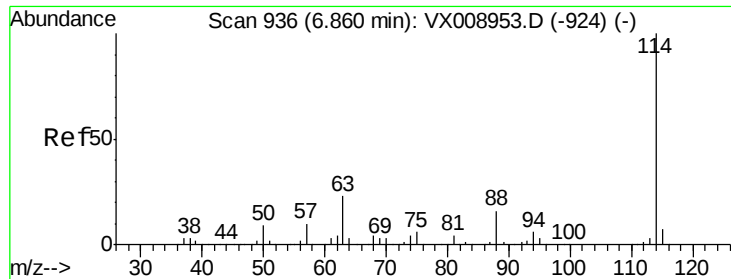
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->

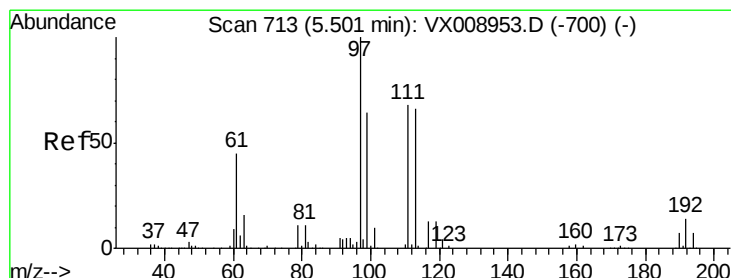
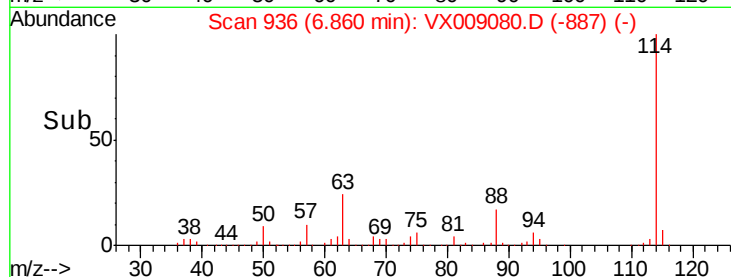
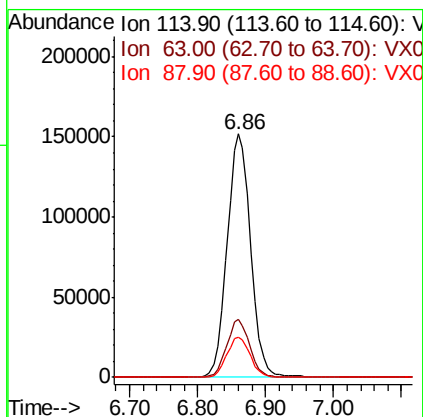
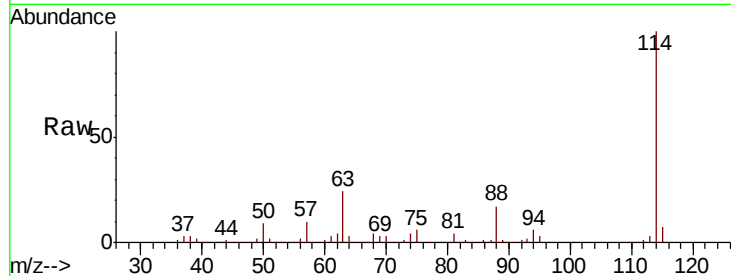




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

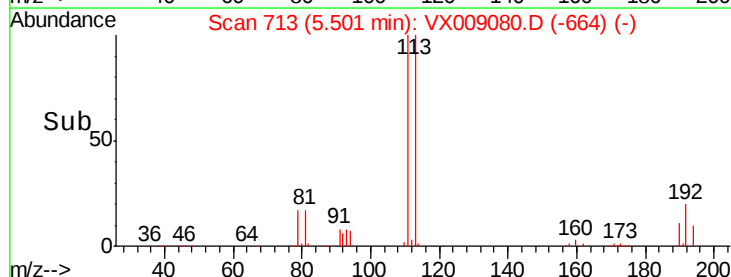
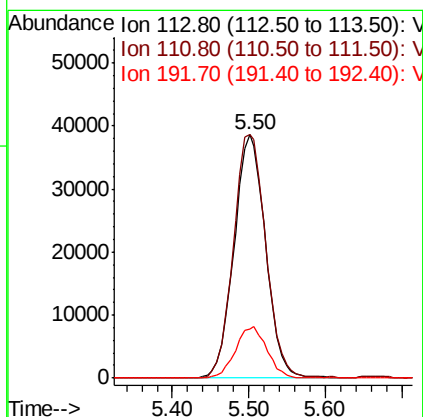
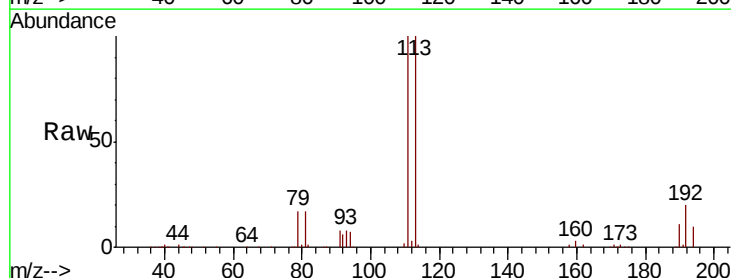
Instrument :
MSVOA_X
ClientSampleId :
SS040RW056-190417

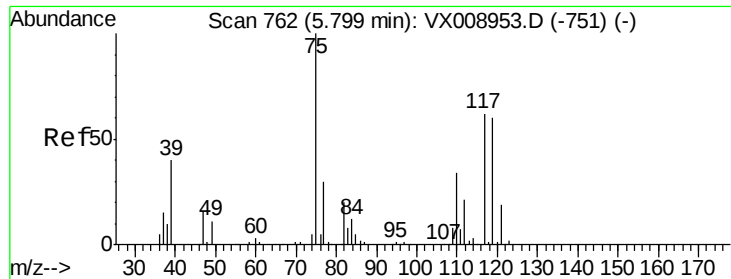
Tot Ion:114 Resp: 361823
Ion Ratio Lower Upper
114 100
63 23.9 0.0 46.0
88 16.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.435 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

Tgt Ion:113 Resp: 110149
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 21.2 17.4 26.0

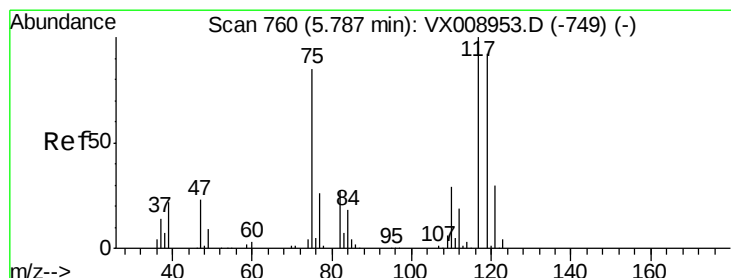
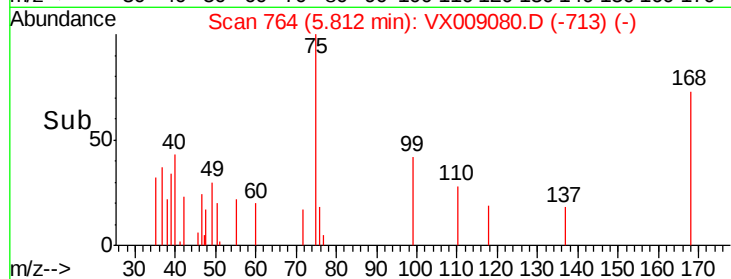
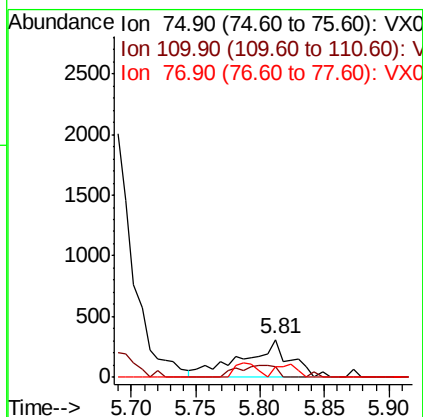
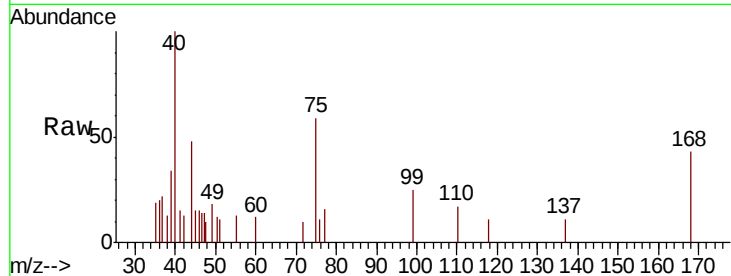




#36
 1,1-Dichloropropene
 Concen: 0.213 ug/l
 RT: 5.81 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: VX009080.D
 Acq: 19 Apr 2019 19:01

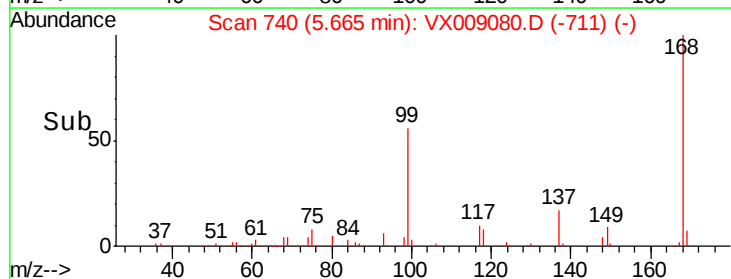
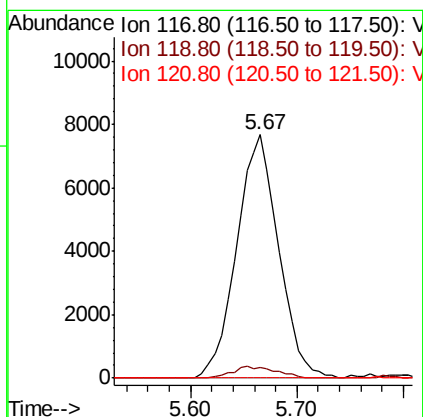
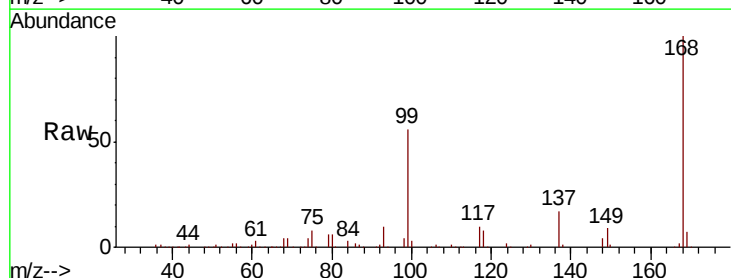
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040RW056-190417

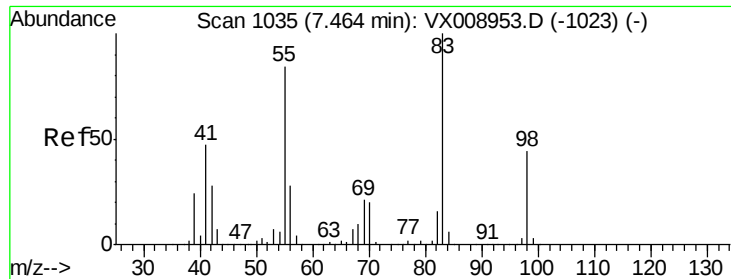
Tot Ion: 75 Resp: 796
 Ion Ratio Lower Upper
 75 100
 110 25.5 16.9 50.7
 77 15.7 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.671 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX009080.D
 Acq: 19 Apr 2019 19:01

Tgt Ion: 117 Resp: 21162
 Ion Ratio Lower Upper
 117 100
 119 4.5 73.8 110.8#
 121 0.0 23.6 35.4#

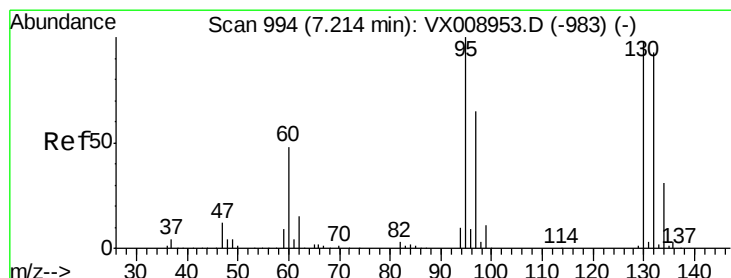
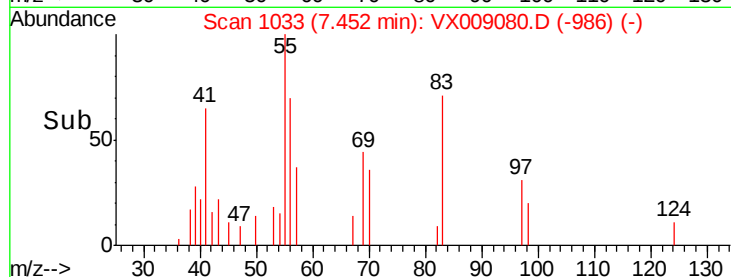
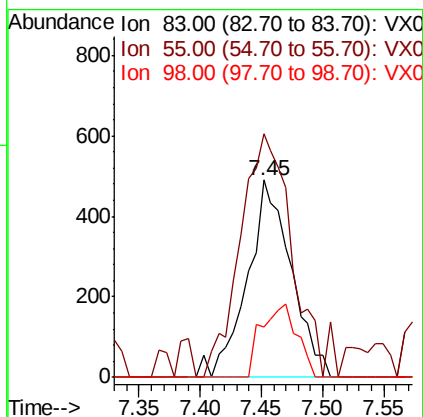
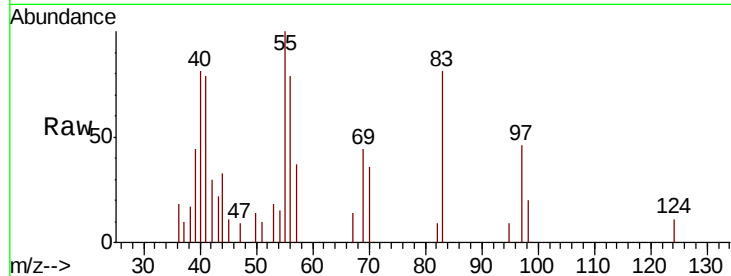




#39
Methvlcvclohexane
Concen: 0.270 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

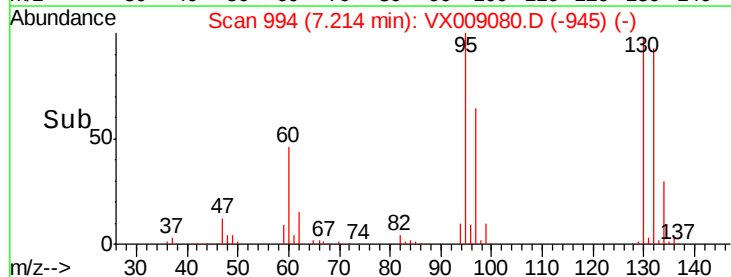
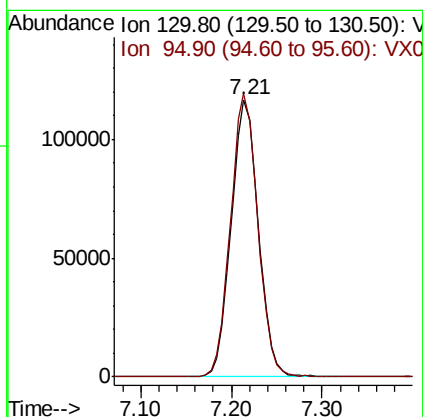
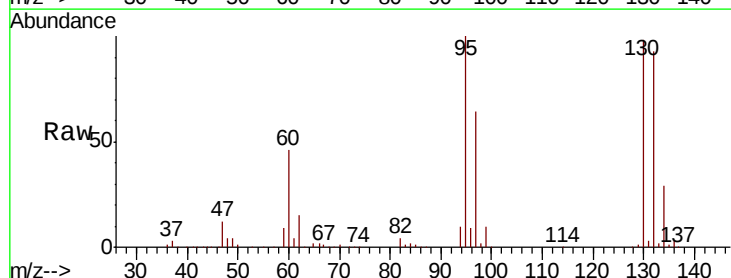
Instrument :
MSVOA_X
ClientSampleId :
SS040RW056-190417

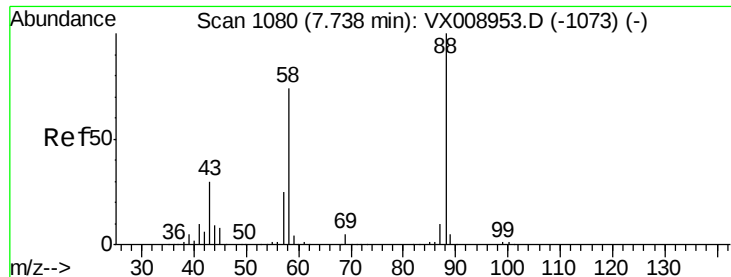
Tot Ion: 83 Resp: 1232
Ion Ratio Lower Upper
83 100
55 123.5 67.1 100.7#
98 25.3 35.1 52.7#



#44
Trichloroethene
Concen: 89.883 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

Tgt Ion:130 Resp: 243118
Ion Ratio Lower Upper
130 100
95 102.0 0.0 203.2

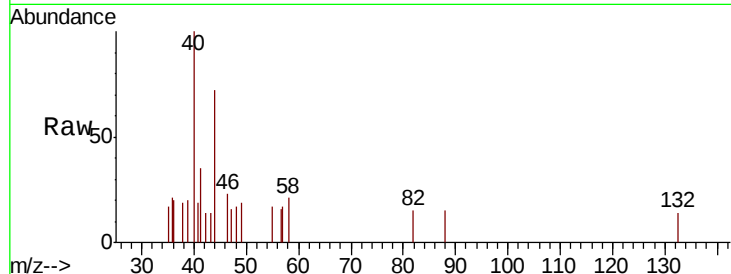




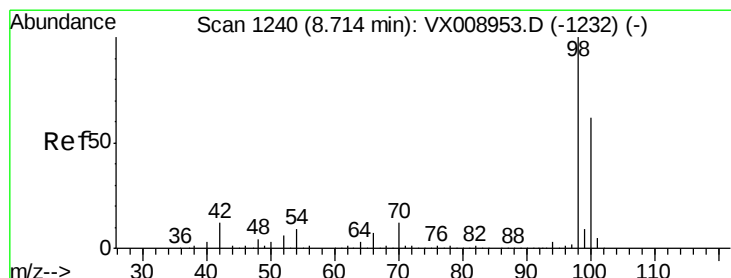
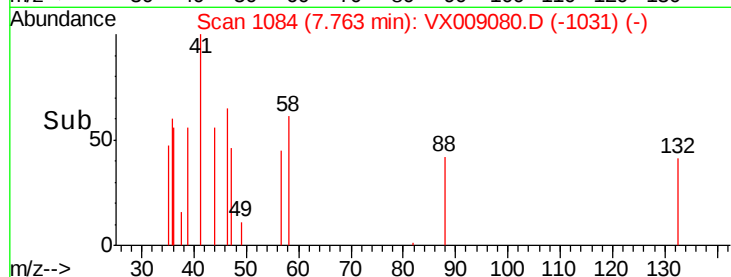
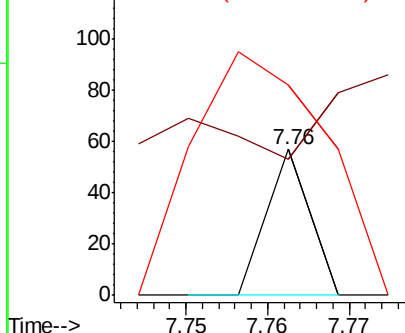
#49
1,4-Dioxane
Concen: 0.293 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :
SS040RW056-190417

Tot Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 29.3 43.9#
58 509.5 62.6 93.8#

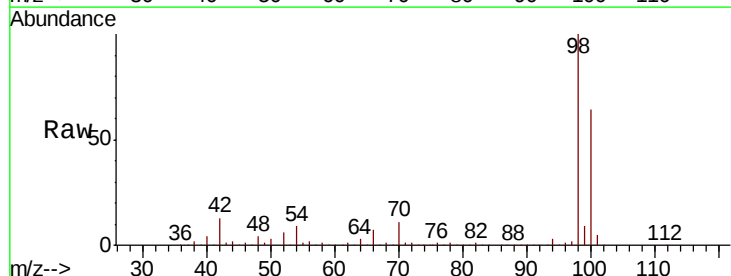


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

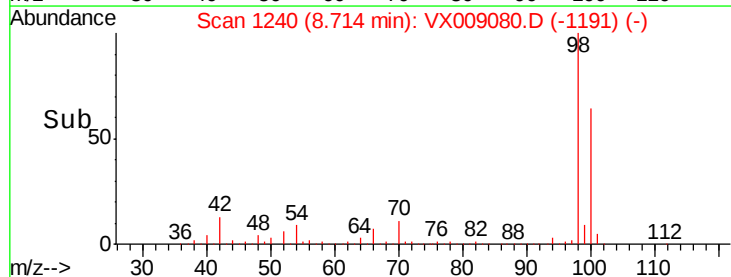
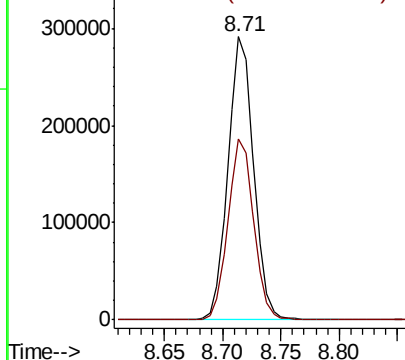


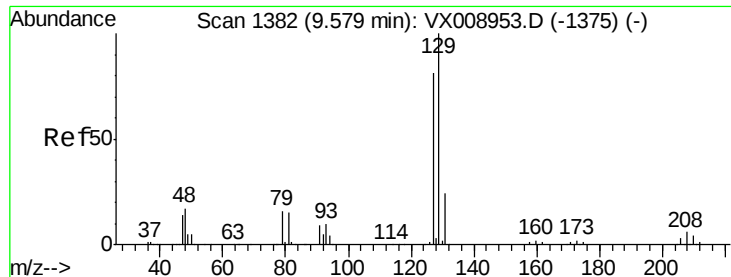
#50
Toluene-d8
Concen: 48.234 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

Tgt Ion: 98 Resp: 446678
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

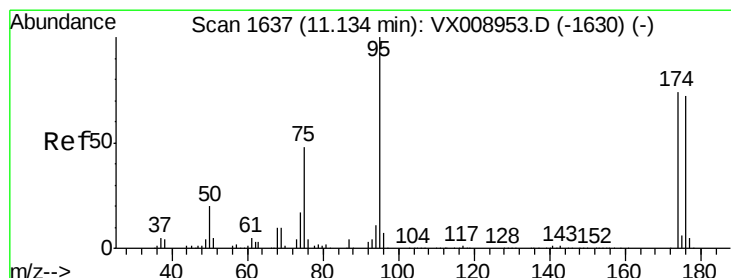
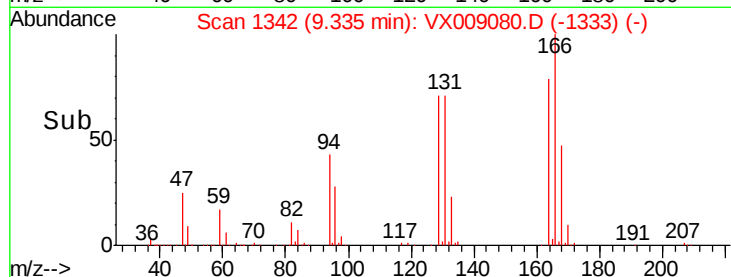
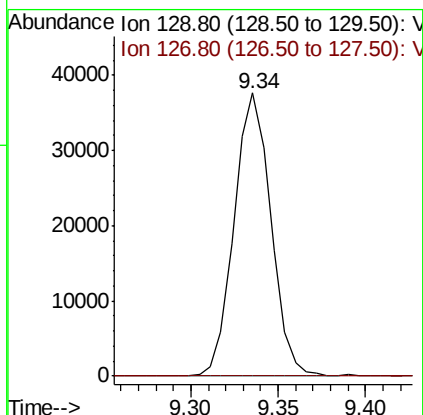
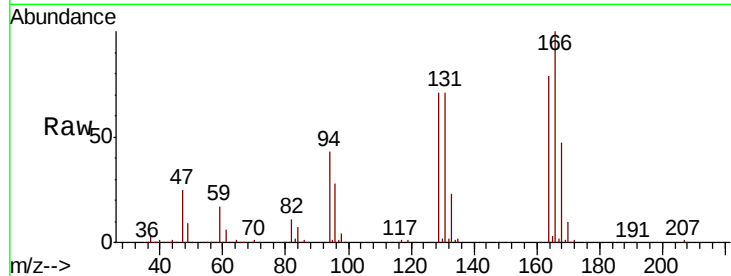




#60
 Dibromochloromethane
 Concen: 21.908 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.24 min
 Lab File: VX009080.D
 Acq: 19 Apr 2019 19:01

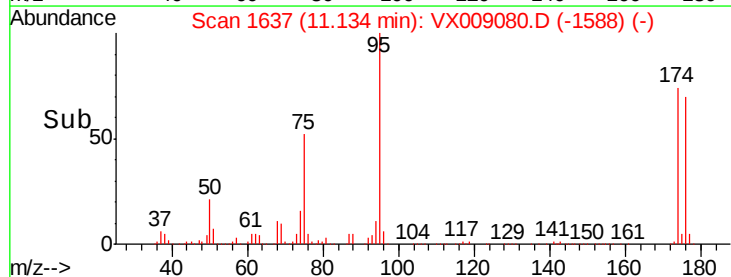
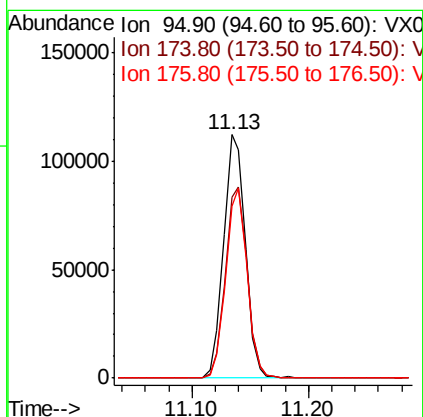
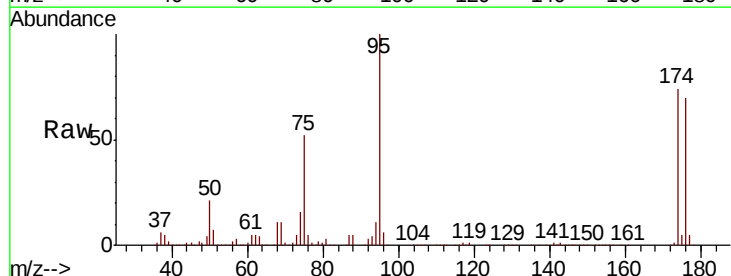
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040RW056-190417

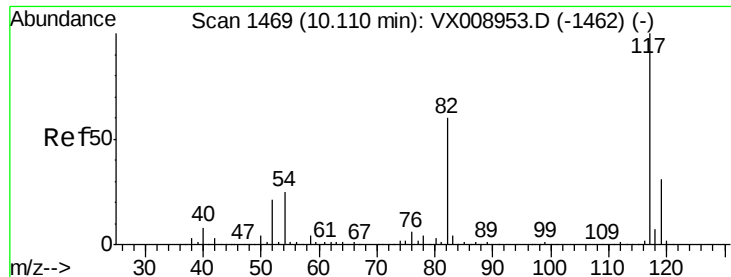
Tot Ion:129 Resp: 55056
 Ion Ratio Lower Upper
 129 100
 127 0.1 39.1 117.2#



#62
 4-Bromofluorobenzene
 Concen: 44.422 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009080.D
 Acq: 19 Apr 2019 19:01

Tgt Ion: 95 Resp: 145217
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 159.6
 176 76.6 0.0 154.8

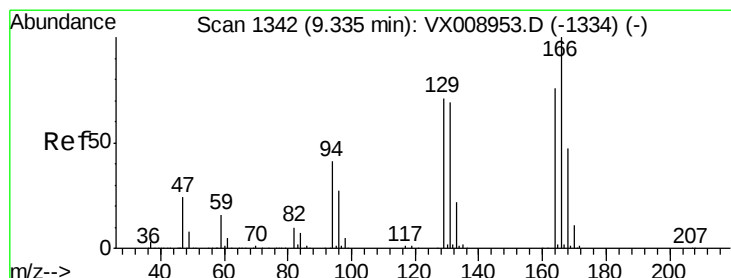
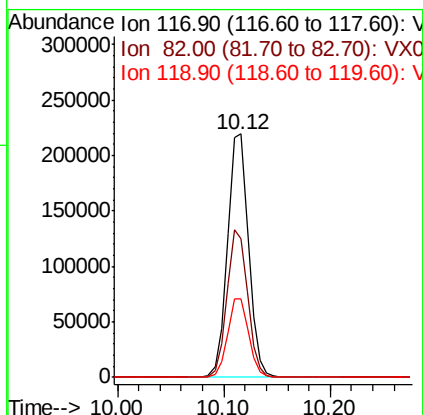
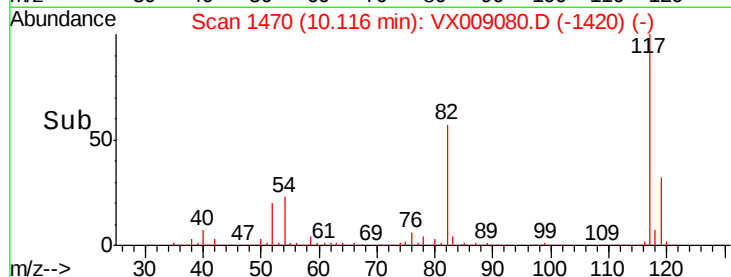
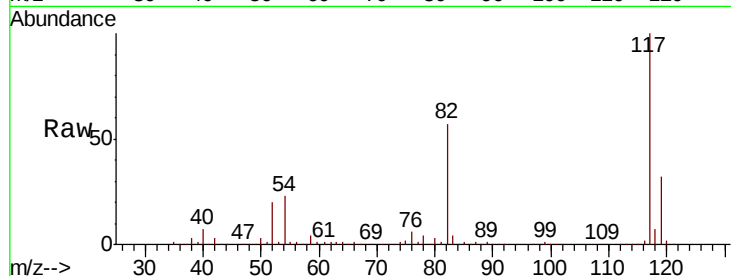




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

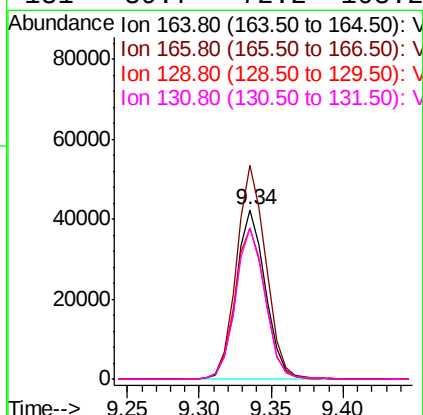
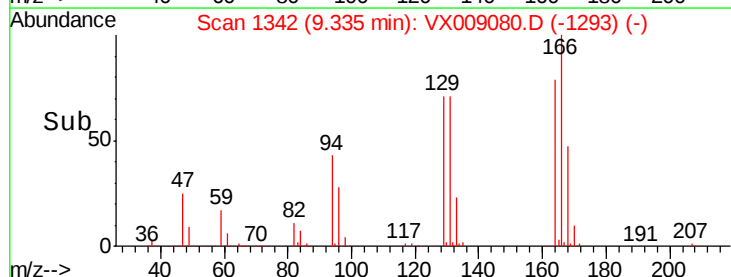
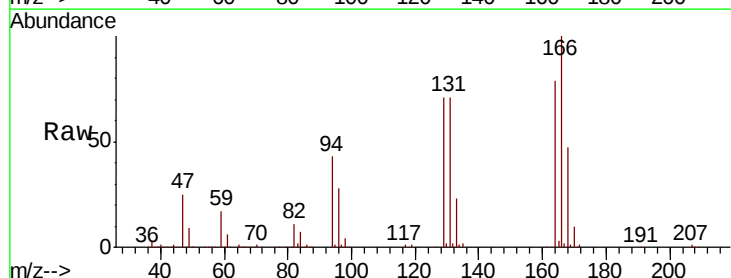
Instrument :
MSVOA_X
ClientSampleId :
SS040RW056-190417

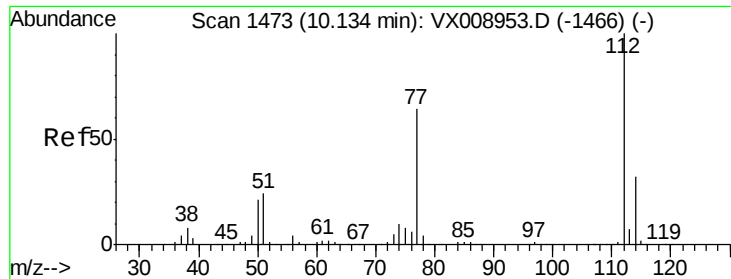
Tot Ion:117 Resp: 305563
Ion Ratio Lower Upper
117 100
82 57.1 48.2 72.4
119 32.0 25.0 37.6



#64
Tetrachloroethene
Concen: 25.609 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

Tgt Ion:164 Resp: 59447
Ion Ratio Lower Upper
164 100
166 126.3 105.0 157.4
129 89.1 74.2 111.4
131 89.7 72.2 108.2





#65

Chlorobenzene

Concen: 0.305 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

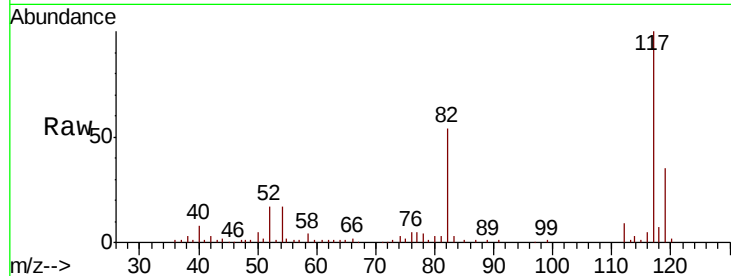
SS040RW056-190417

Tot Ion:112 Resp: 1970

Ion Ratio Lower Upper

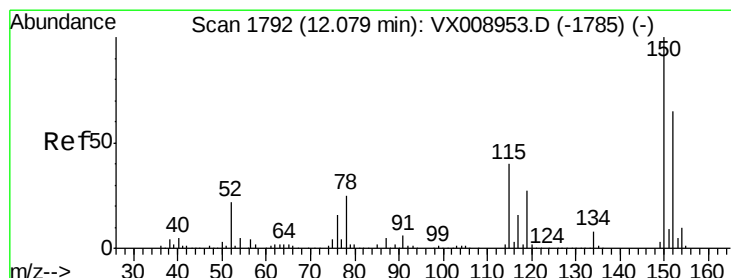
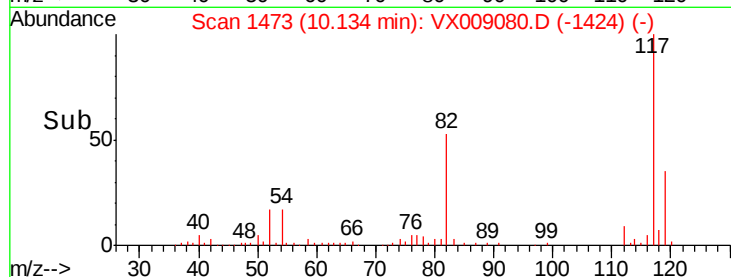
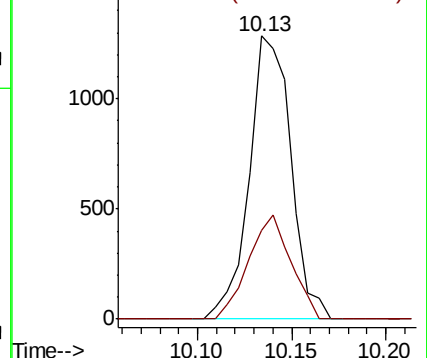
112 100

114 31.3 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

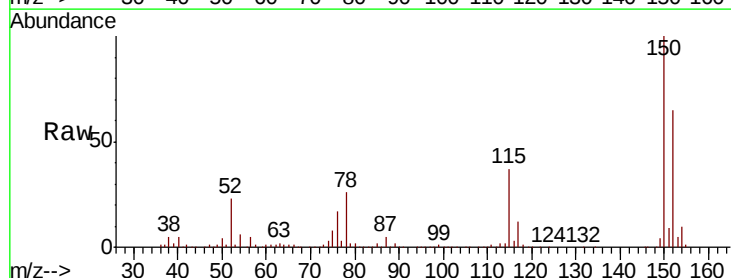
Tgt Ion:152 Resp: 128129

Ion Ratio Lower Upper

152 100

115 59.7 41.4 124.2

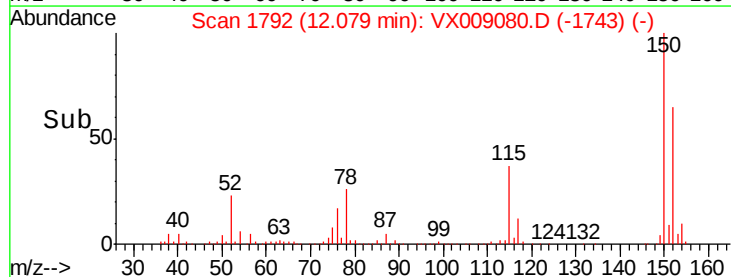
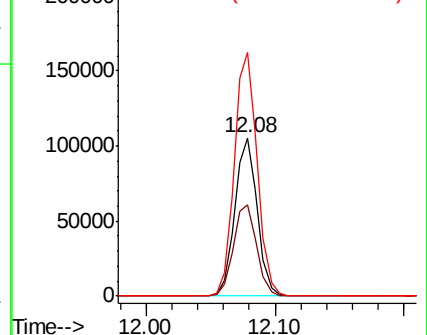
150 156.7 0.0 349.8

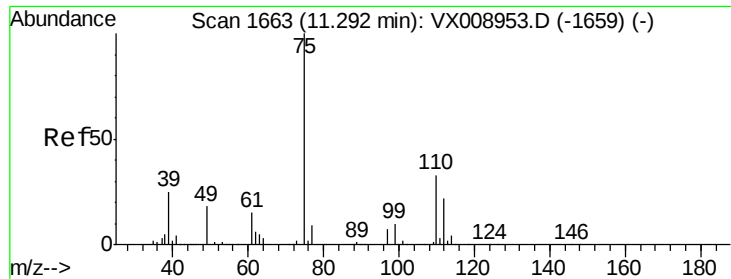


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.513 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

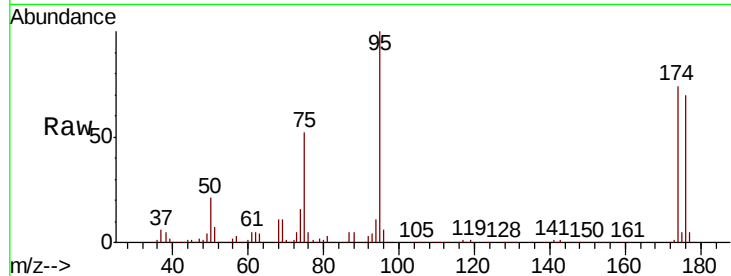
SS040RW056-190417

Tot Ion: 75 Resp: 73564

Ion Ratio Lower Upper

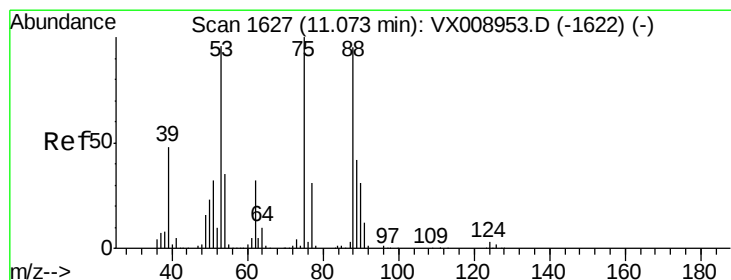
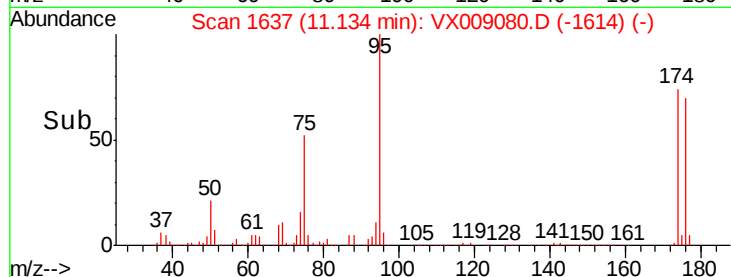
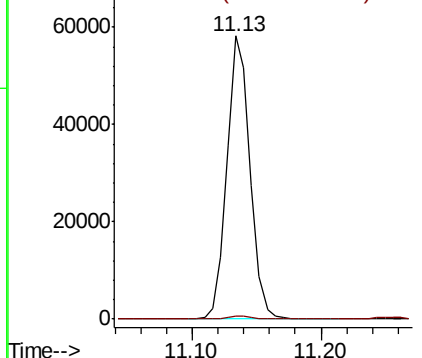
75 100

77 1.5 22.7 68.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 60.364 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

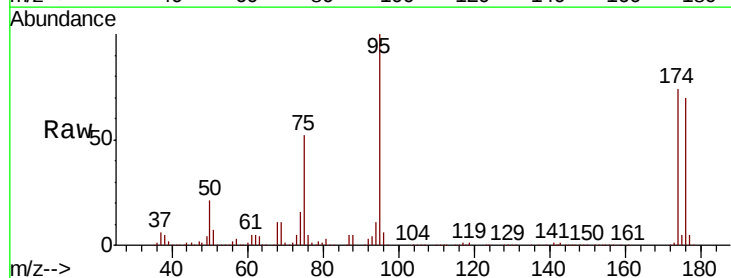
Tgt Ion: 75 Resp: 73564

Ion Ratio Lower Upper

75 100

53 0.2 78.2 117.4#

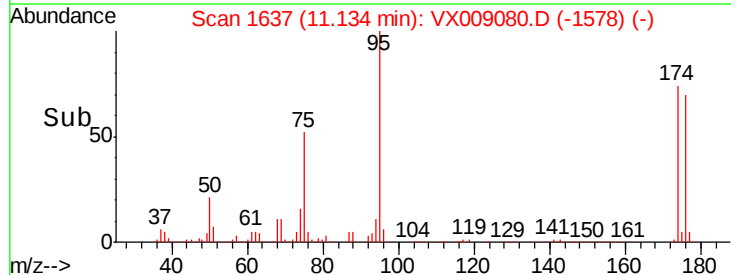
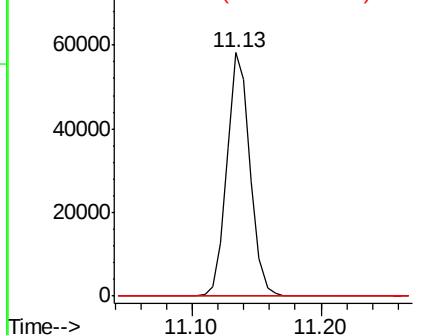
89 0.0 36.0 54.0#

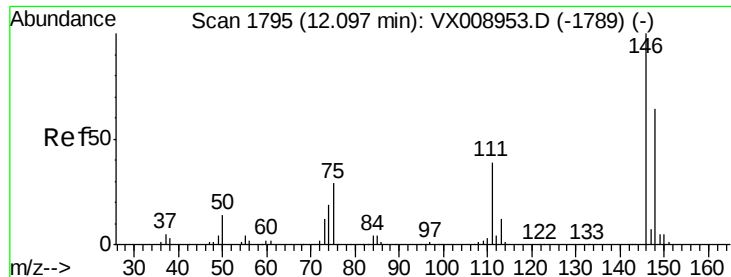


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#88

1,4-Dichlorobenzene

Concen: 0.329 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SS040RW056-190417

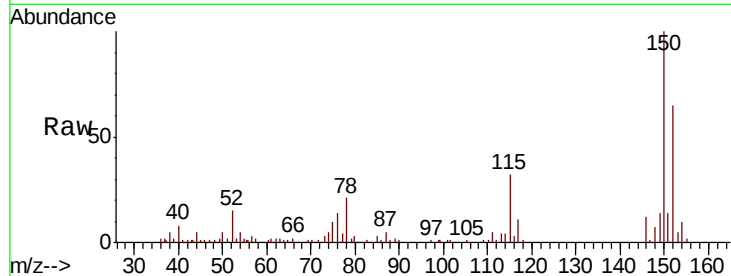
Tot Ion:146 Resp: 1431

Ion Ratio Lower Upper

146 100

111 145.7 20.0 59.9#

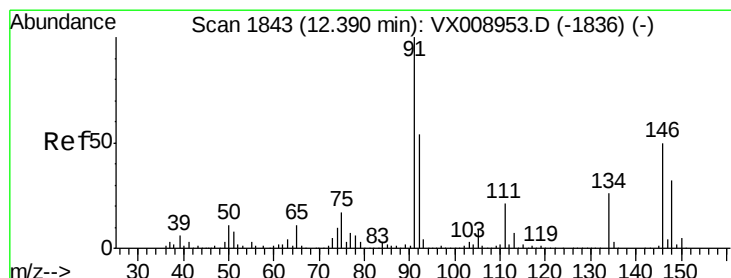
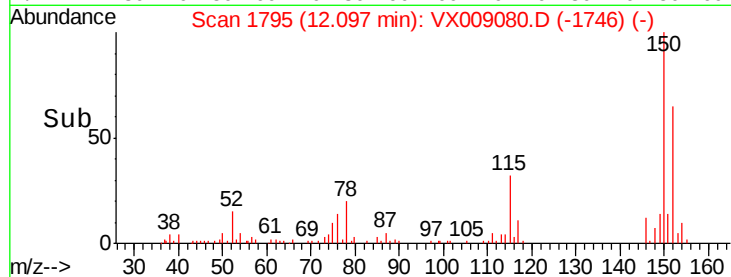
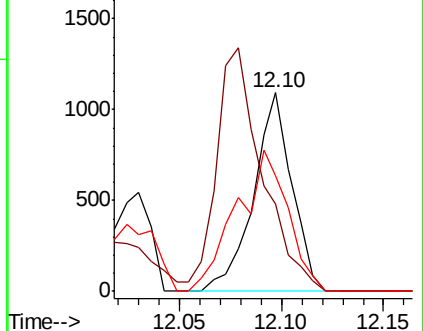
148 94.5 32.2 96.6



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: 0.212 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

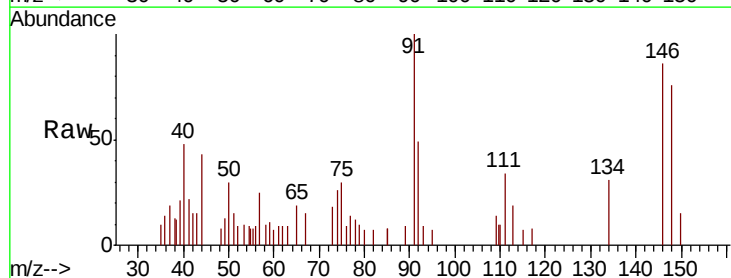
Tgt Ion:146 Resp: 896

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.9

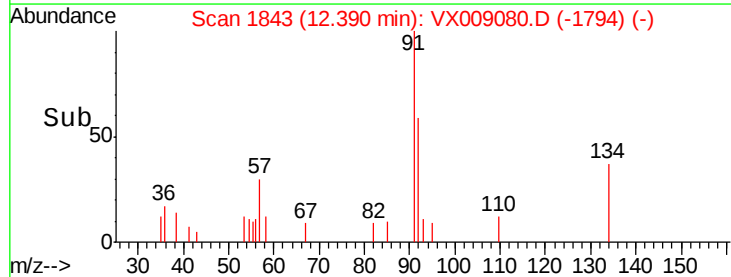
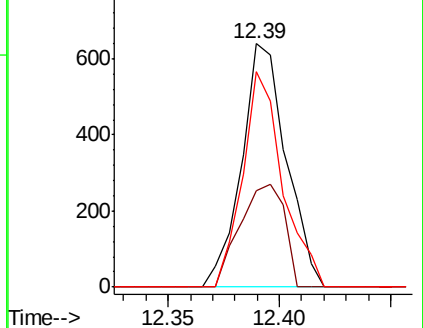
148 79.1 32.0 96.2

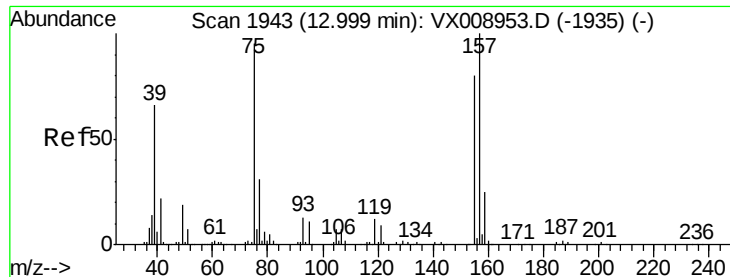


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.205 ug/l

RT: 13.01 min Scan# 1944

Delta R.T. 0.01 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SS040RW056-190417

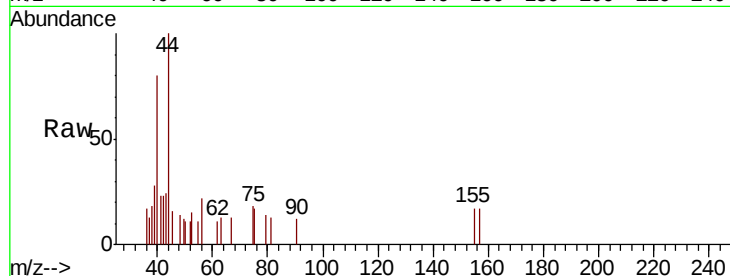
Tot Ion: 75 Resp: 166

Ion Ratio Lower Upper

75 100

155 47.0 41.2 123.6

157 17.5 52.5 157.6#



Abundance Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

13.01

150

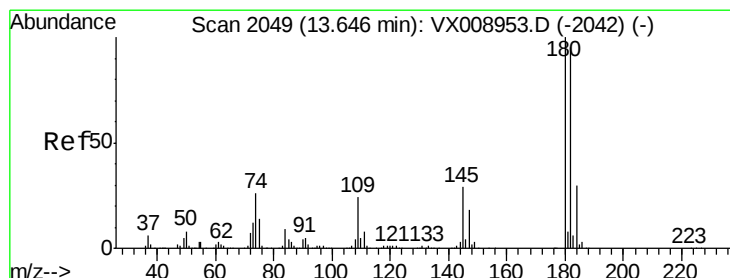
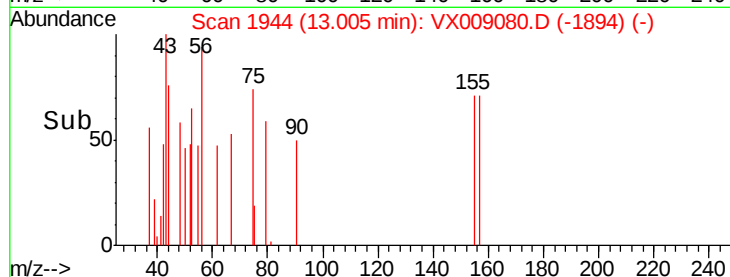
100

50

0

13.00

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.267 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX009080.D

Acq: 19 Apr 2019 19:01

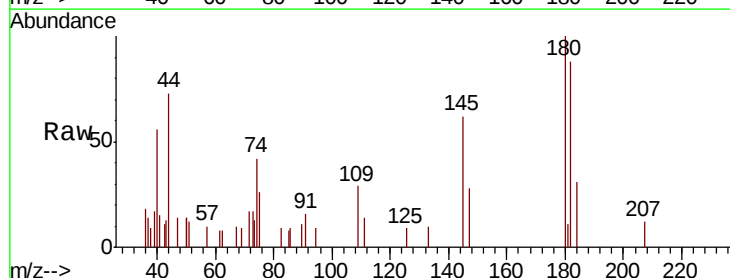
Tgt Ion:180 Resp: 816

Ion Ratio Lower Upper

180 100

182 88.6 47.6 142.9

145 60.3 14.8 44.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

800

600

400

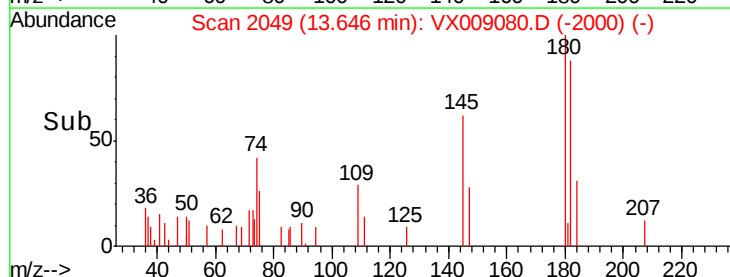
200

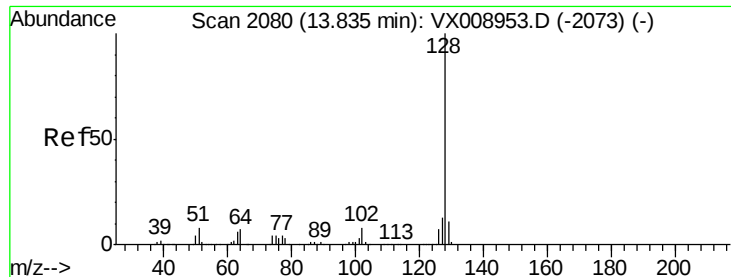
0

13.60

13.65

Time-->

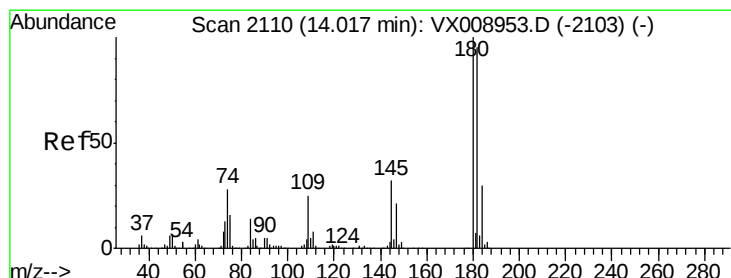
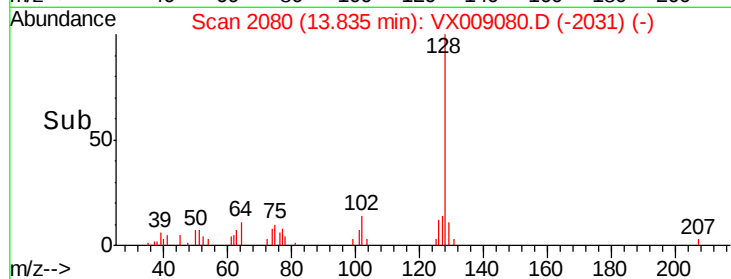
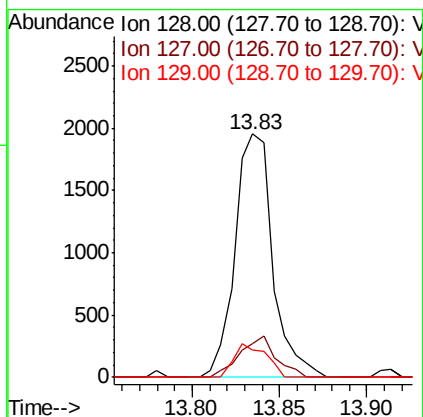
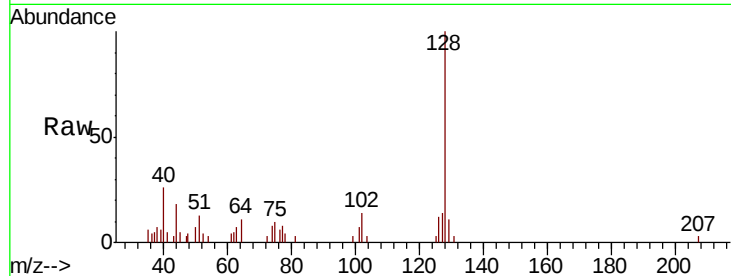




#95
Naphthalene
Concen: 0.299 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :
SS040RW056-190417

Tot Ion:128 Resp: 2925
Ion Ratio Lower Upper
128 100
127 16.1 10.6 16.0#
129 11.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.274 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009080.D
Acq: 19 Apr 2019 19:01

Tgt Ion:180 Resp: 827
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.4
145 53.9 15.8 47.3#

