

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010592.D
 Acq On : 01 Jul 2019 15:44
 Operator : JC/SP
 Sample : K3521-41
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-12D

Quant Time: Jul 02 04:52:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	401063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	363585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169333	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123491	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
35) Dibromofluoromethane	5.50	113	121700	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	8.71	98	472620	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.13	95	156007	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	652	0.357	ug/l	94
3) Chloromethane	1.33	50	608	0.286	ug/l #	76
4) Vinyl Chloride	1.41	62	3848	1.654	ug/l	100
5) Bromomethane	1.65	94	318	0.280	ug/l #	77
6) Chloroethane	1.73	64	684	0.498	ug/l	99
8) Diethyl Ether	2.18	74	1104	0.834	ug/l	95
11) Tert butyl alcohol	3.01	59	2189	3.400	ug/l #	79
12) 1,1-Dichloroethene	2.37	96	558	0.245	ug/l	93
13) Acrolein	2.29	56	135	0.316	ug/l #	14
16) Acetone	2.44	43	2625	2.129	ug/l	100
20) Methylene Chloride	2.86	84	1034	0.407	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	26746	6.852	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	14732	5.211	ug/l	93
29) Tetrahydrofuran	5.15	42	3100	2.767	ug/l	97
30) Chloroform	5.21	83	14424	3.435	ug/l	100
36) 1,1-Dichloropropene	5.66	75	16304	5.116	ug/l #	48
38) Carbon Tetrachloride	5.67	117	23220	6.728	ug/l #	16
40) Benzene	6.15	78	4237	0.427	ug/l	97
42) 1,2-Dichloroethane	6.20	62	1688	0.558	ug/l	94
44) Trichloroethene	7.21	130	2745	0.924	ug/l	86
49) 1,4-Dioxane	7.74	88	1761	24.244	ug/l #	90
60) Dibromochloromethane	9.34	129	2080	0.689	ug/l #	11
64) Tetrachloroethene	9.34	164	2288	0.778	ug/l	93
65) Chlorobenzene	10.14	112	260240	35.256	ug/l	99
68) m/p-Xylenes	10.36	106	1104	0.229	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	75216	24.376	ug/l #	33
79) 2-Chlorotoluene	11.42	91	12049	1.604	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	75216	56.866	ug/l #	16
82) 4-Chlorotoluene	11.42	91	12049	1.410	ug/l	89
87) 1,3-Dichlorobenzene	12.02	146	20291	3.627	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	77000	13.519	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	50645	9.108	ug/l	99

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Response via : Initial Calibration

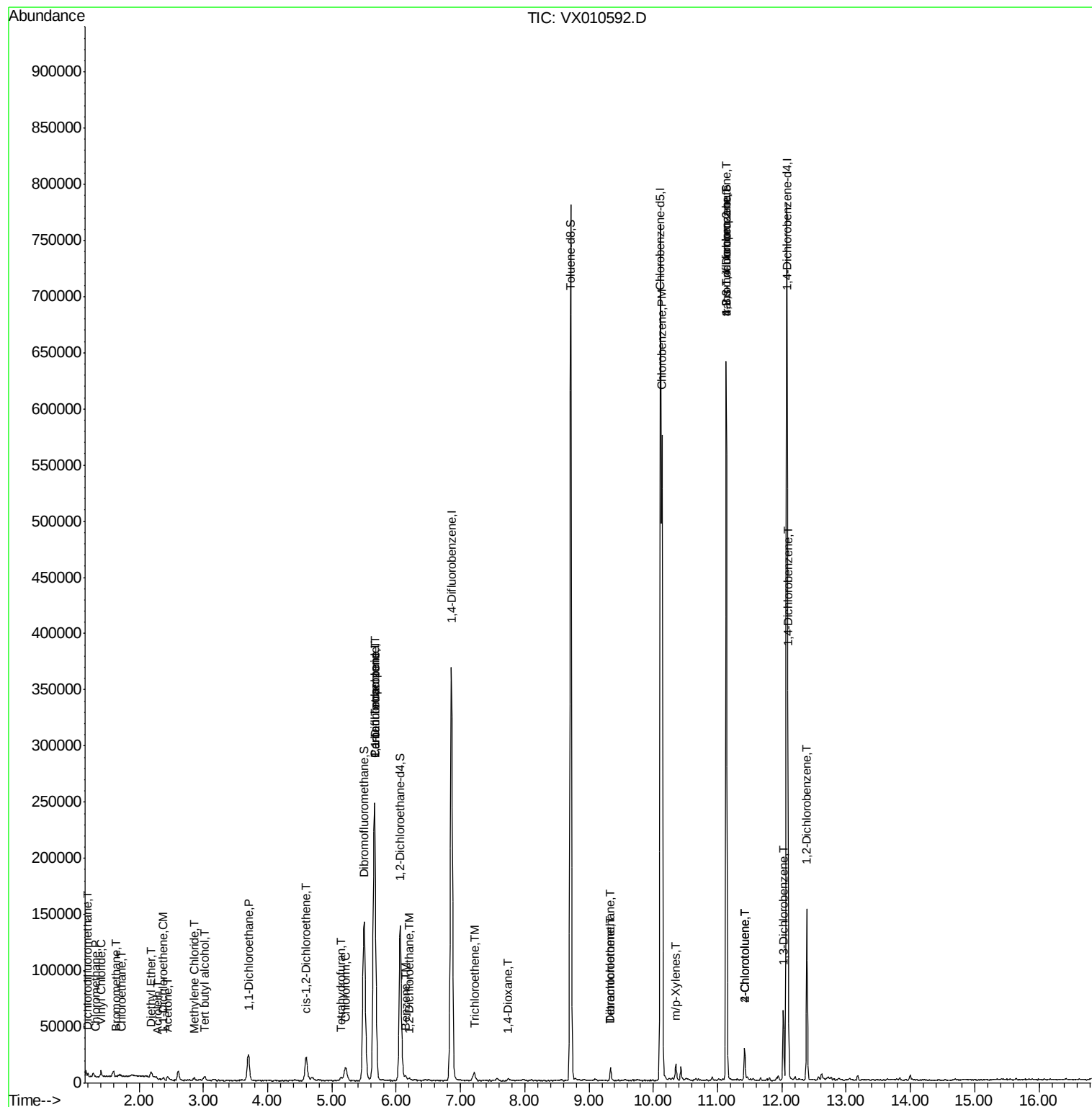
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

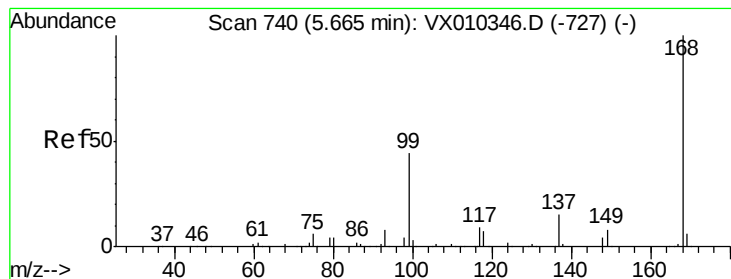
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

Instrument :

MSVOA_X

ClientSampled :

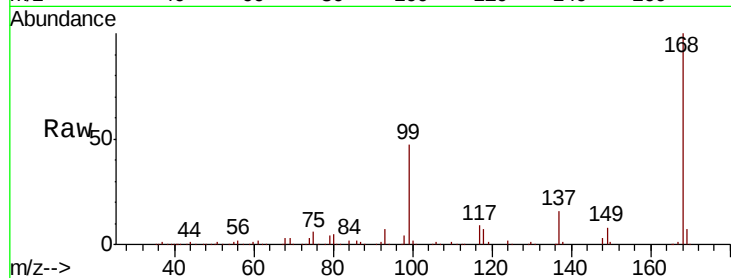
RW-12D

Tot Ion:168 Resp: 262450

Ion Ratio Lower Upper

168 100

99 46.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

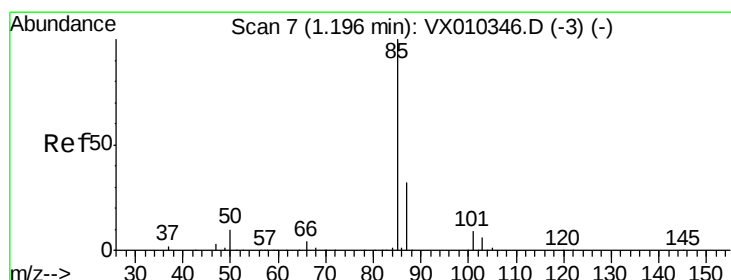
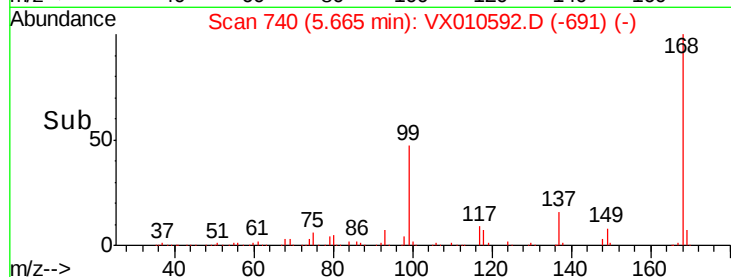
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.357 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010592.D

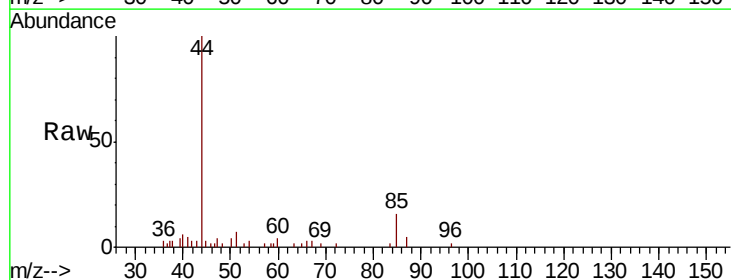
Acq: 01 Jul 2019 15:44

Tgt Ion: 85 Resp: 652

Ion Ratio Lower Upper

85 100

87 29.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

600

500

400

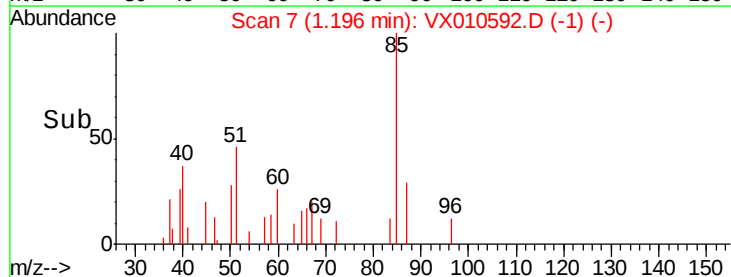
300

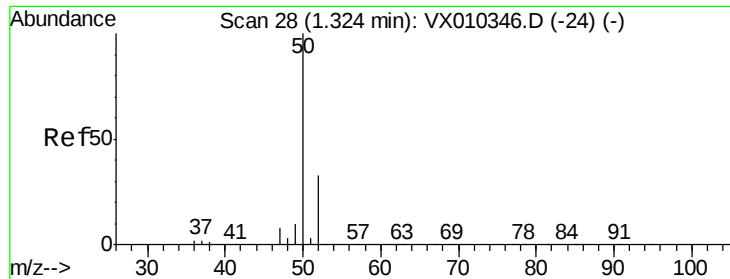
200

100

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 0.286 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

Instrument :

MSVOA_X

ClientSampled :

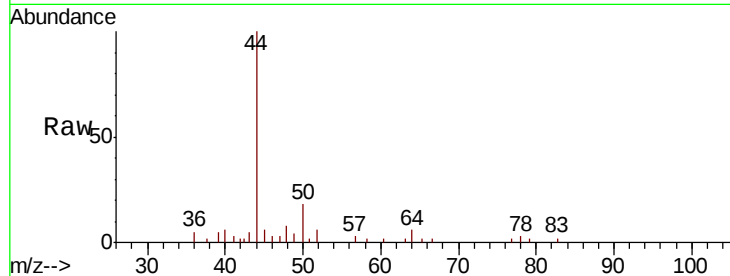
RW-12D

Tot Ion: 50 Resp: 608

Ion Ratio Lower Upper

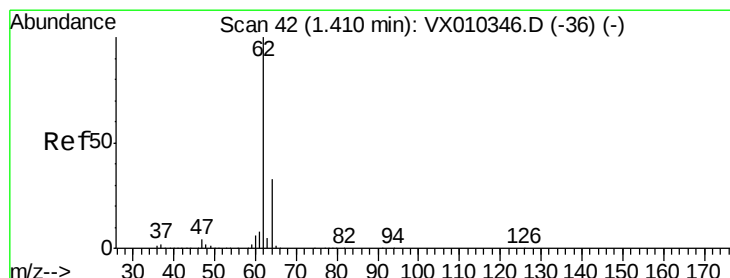
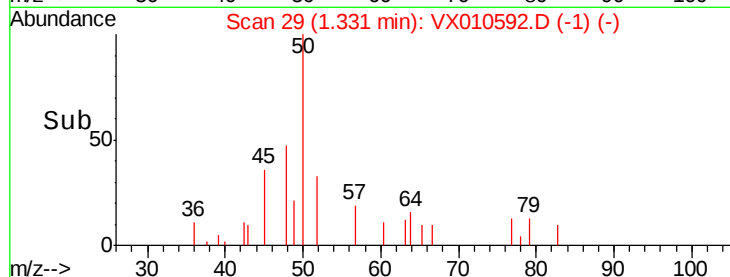
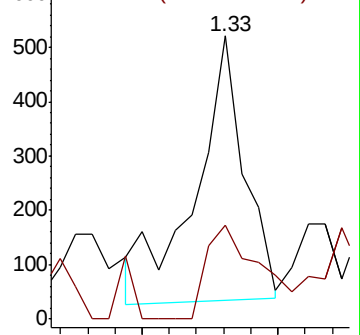
50 100

52 19.6 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.654 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010592.D

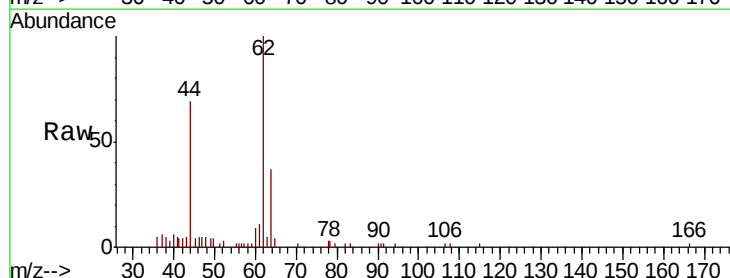
Acq: 01 Jul 2019 15:44

Tgt Ion: 62 Resp: 3848

Ion Ratio Lower Upper

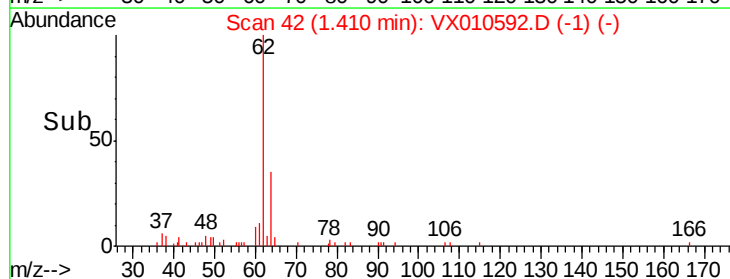
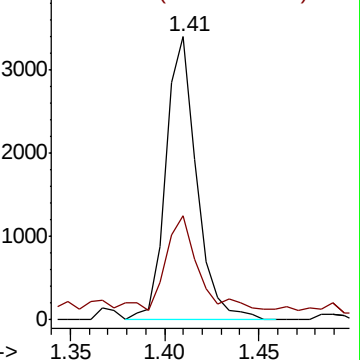
62 100

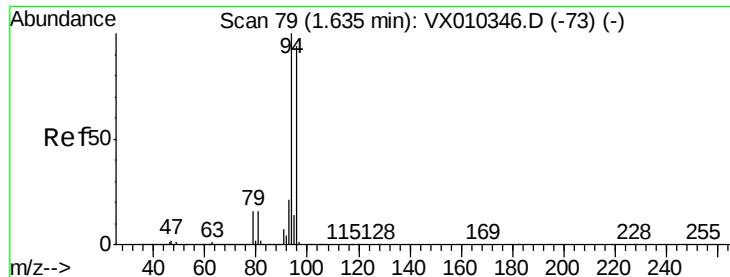
64 33.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.280 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

Instrument :

MSVOA_X

ClientSampled :

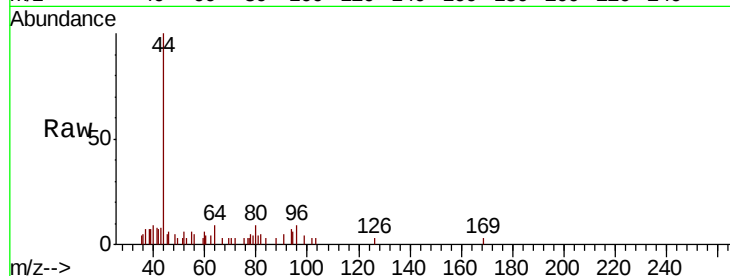
RW-12D

Tot Ion: 94 Resp: 318

Ion Ratio Lower Upper

94 100

96 72.1 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

150

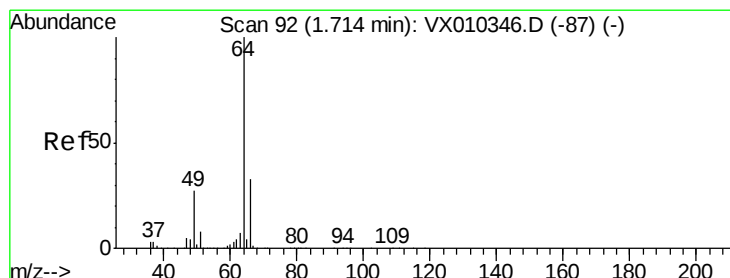
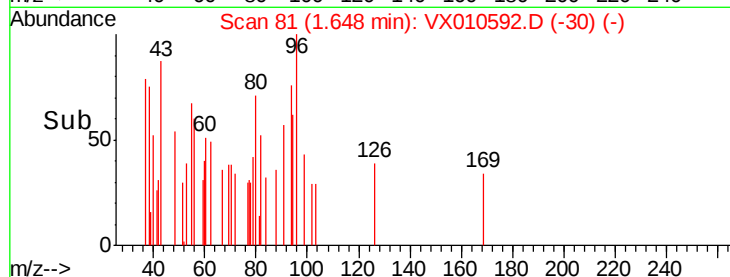
100

50

0

1.60 1.62 1.64 1.66 1.68

Time-->



#6

Chloroethane

Concen: 0.498 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX010592.D

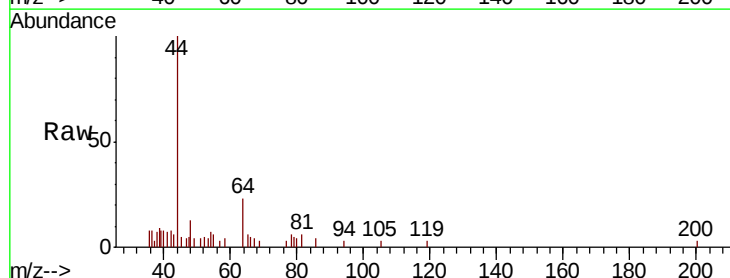
Acq: 01 Jul 2019 15:44

Tgt Ion: 64 Resp: 684

Ion Ratio Lower Upper

64 100

66 34.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

400

300

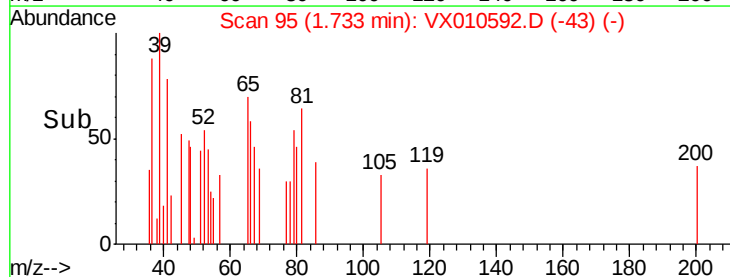
200

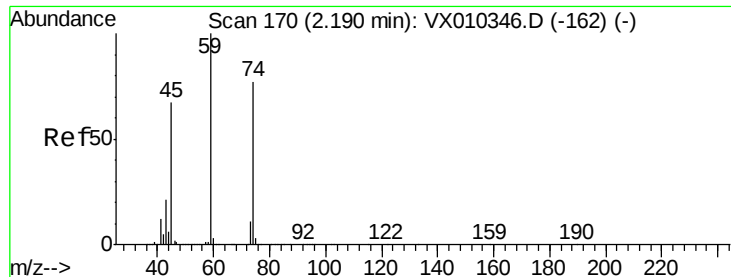
100

0

1.70 1.75

Time-->





#8

Diethyl Ether

Concen: 0.834 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

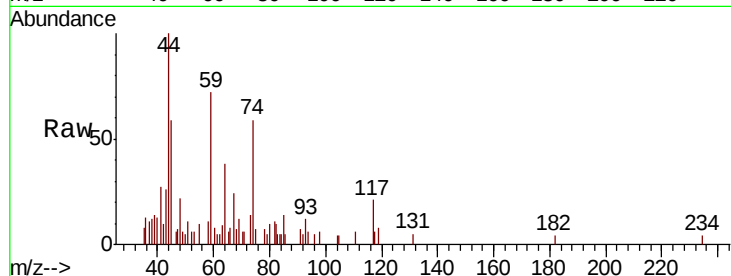
RW-12D

Tot Ion: 74 Resp: 1104

Ion Ratio Lower Upper

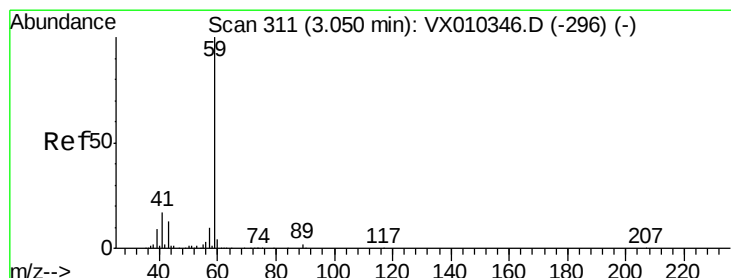
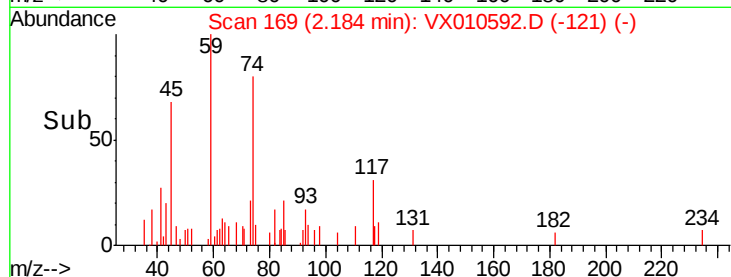
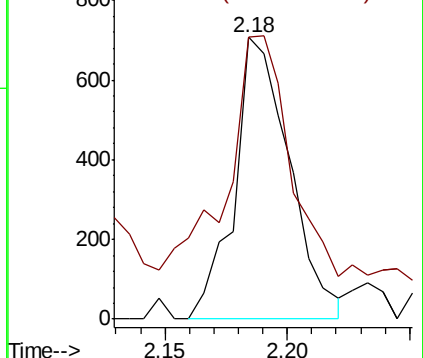
74 100

45 94.2 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: 3.400 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX010592.D

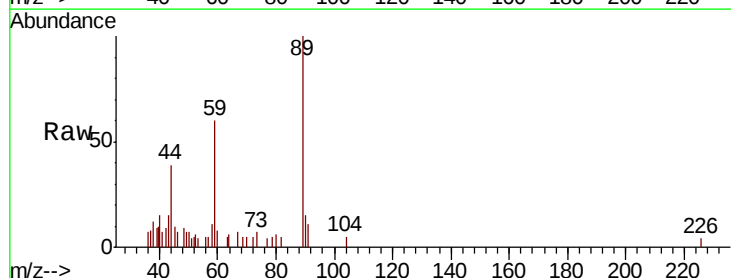
Acq: 01 Jul 2019 15:44

Tgt Ion: 59 Resp: 2189

Ion Ratio Lower Upper

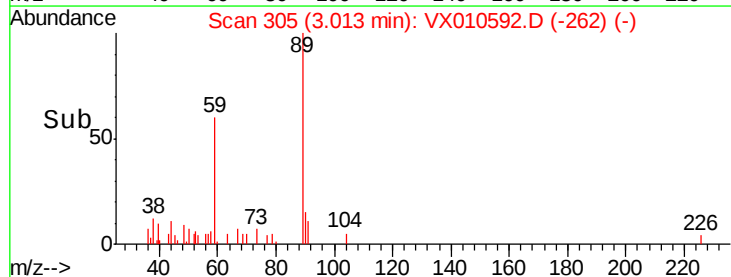
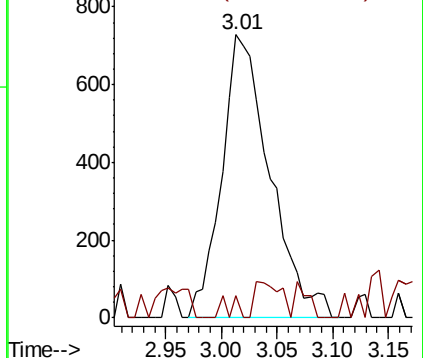
59 100

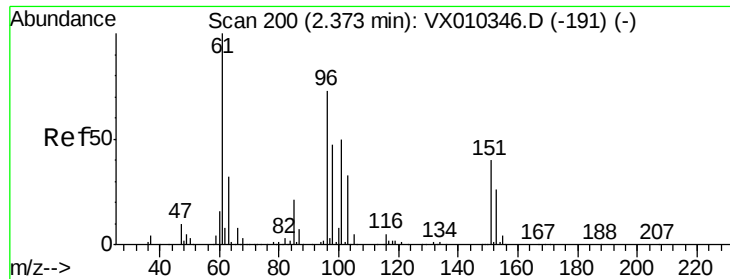
57 1.9 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.245 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

RW-12D

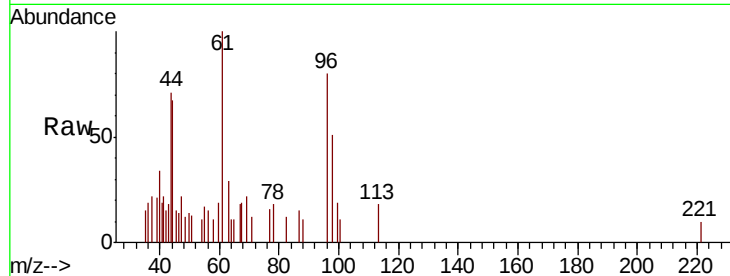
Tot Ion: 96 Resp: 558

Ion Ratio Lower Upper

96 100

61 124.8 109.2 163.8

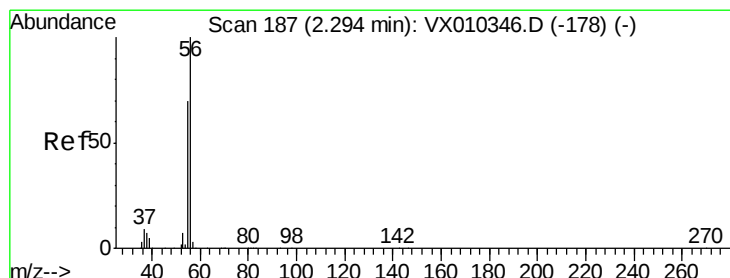
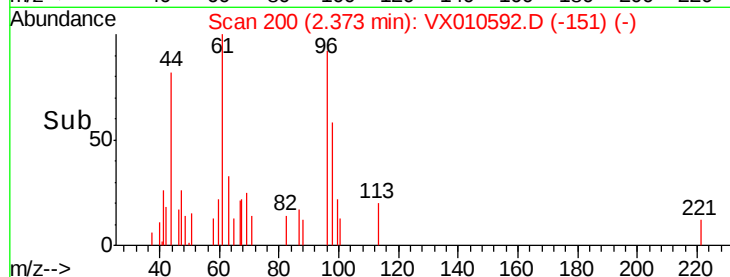
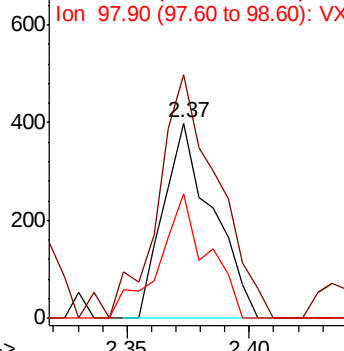
98 63.7 51.1 76.7



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



#13

Acrolein

Concen: 0.316 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010592.D

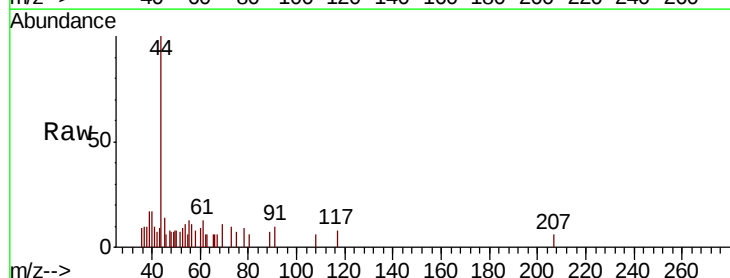
Acq: 01 Jul 2019 15:44

Tgt Ion: 56 Resp: 135

Ion Ratio Lower Upper

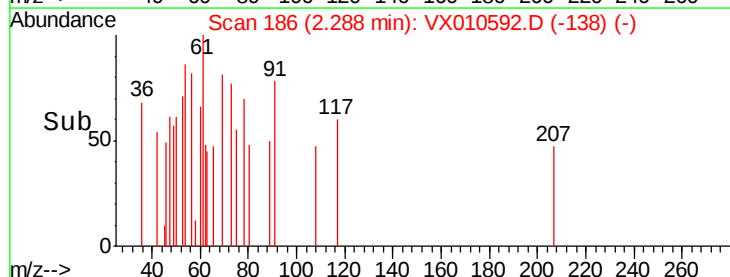
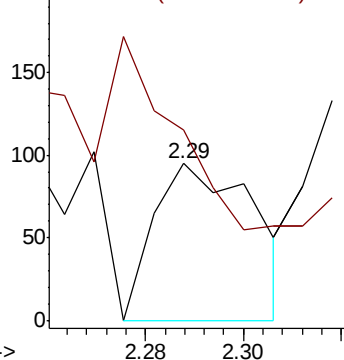
56 100

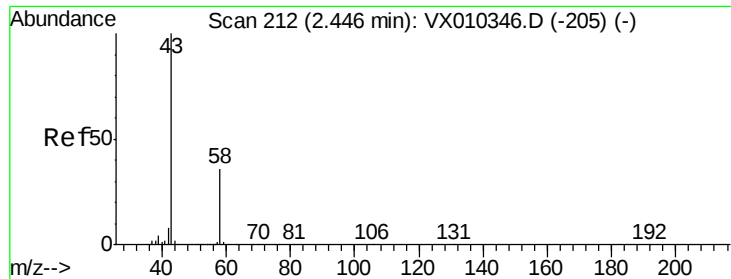
55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

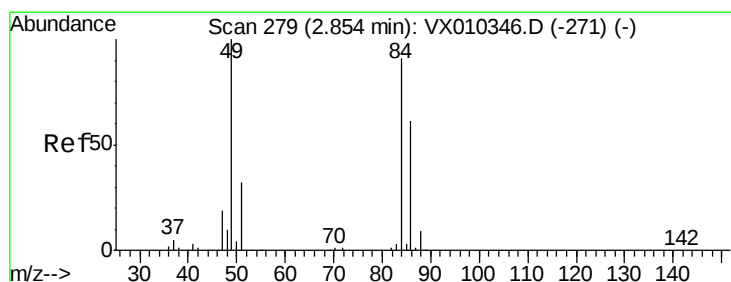
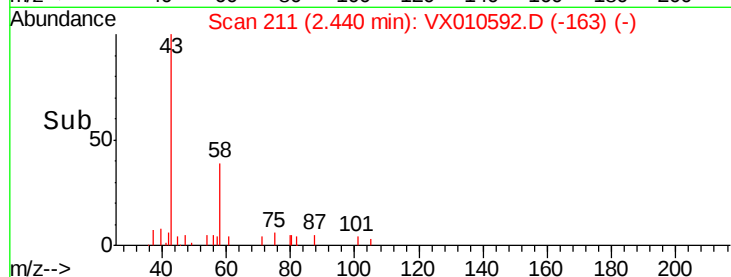
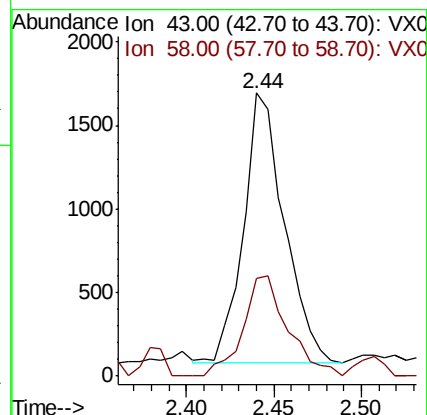
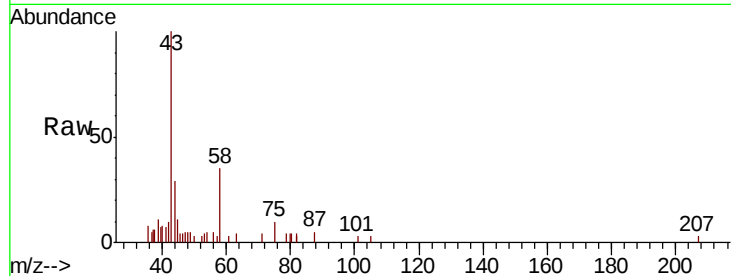




#16
Acetone
Concen: 2.129 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

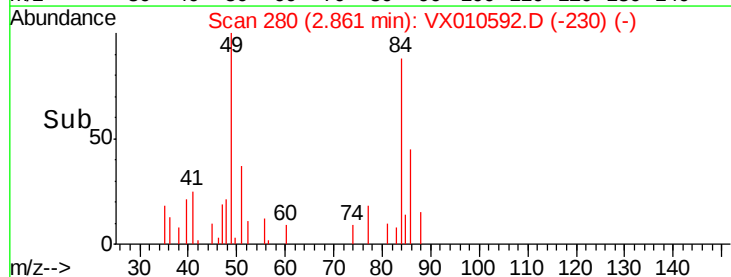
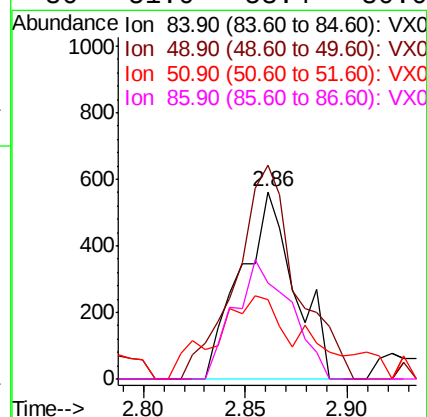
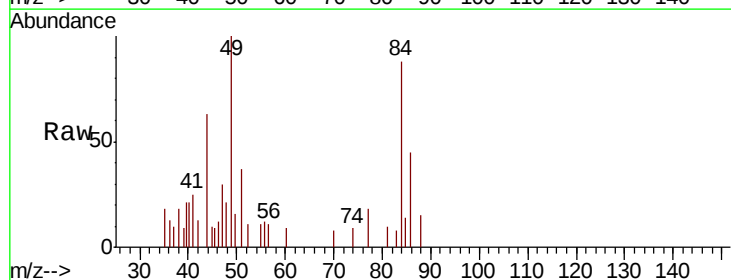
Instrument :
MSVOA_X
ClientSampleId :
RW-12D

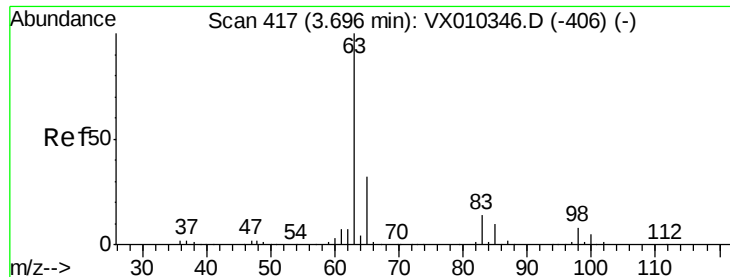
Tot Ion: 43 Resp: 2625
Ion Ratio Lower Upper
43 100
58 36.3 28.9 43.3



#20
Methylene Chloride
Concen: 0.407 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

Tgt Ion: 84 Resp: 1034
Ion Ratio Lower Upper
84 100
49 101.2 87.5 131.3
51 30.0 27.7 41.5
86 51.0 53.4 80.0#





#24

1,1-Dichloroethane

Concen: 6.852 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

RW-12D

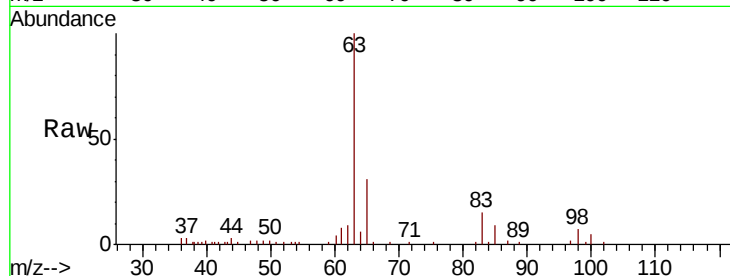
Tot Ion: 63 Resp: 26746

Ion Ratio Lower Upper

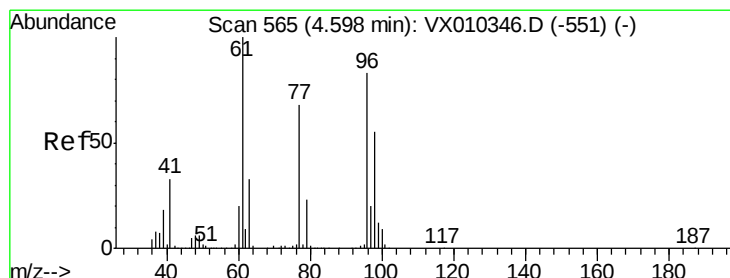
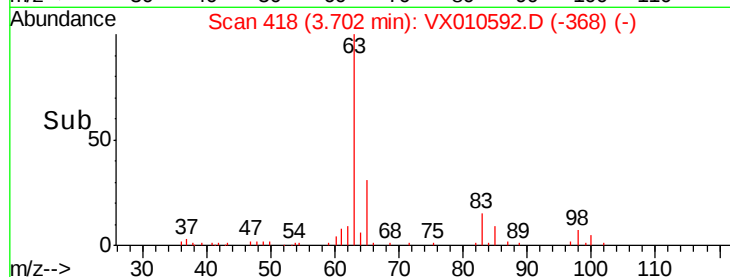
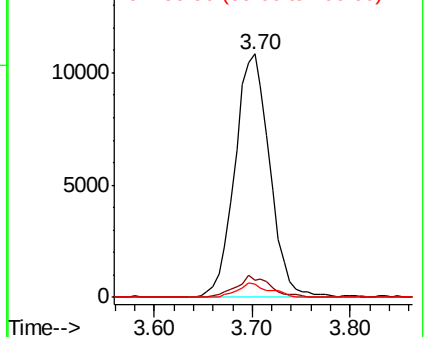
63 100

98 7.2 3.9 11.7

100 5.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 5.211 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

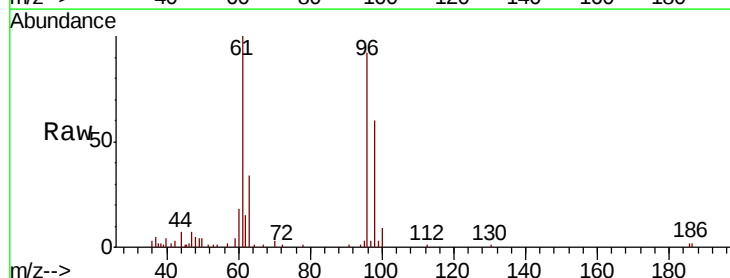
Tgt Ion: 96 Resp: 14732

Ion Ratio Lower Upper

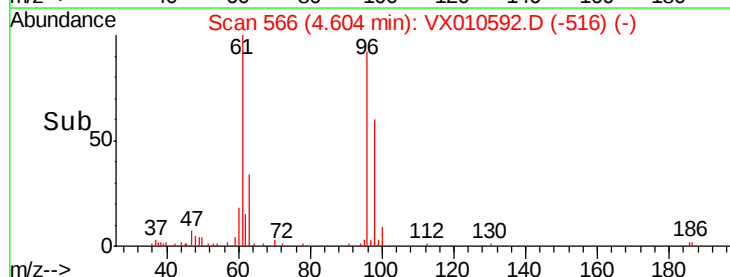
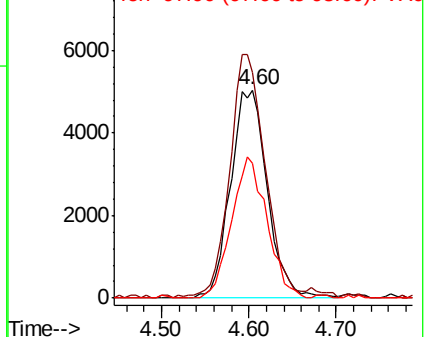
96 100

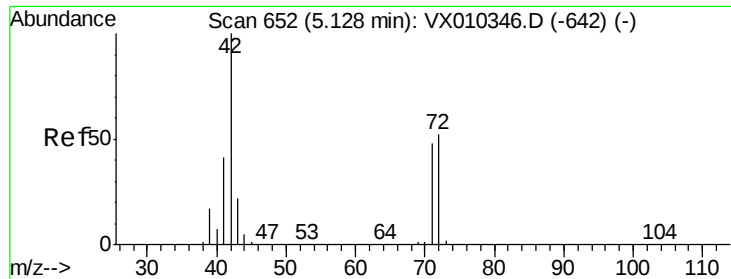
61 113.9 0.0 251.8

98 65.1 0.0 129.4



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

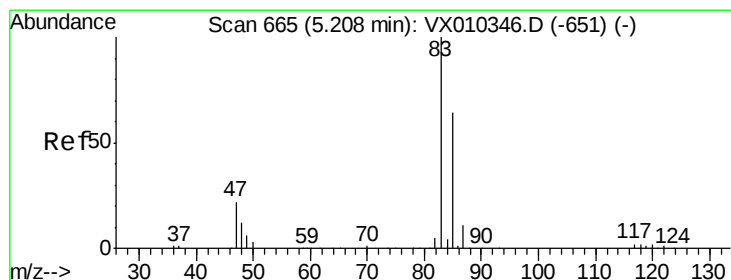
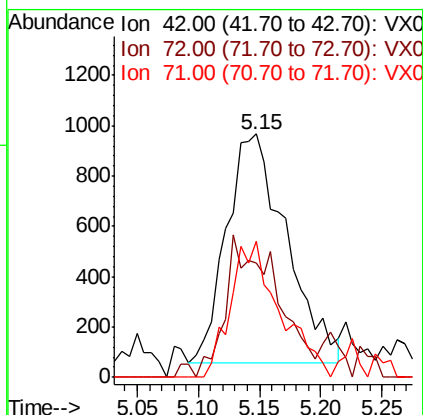
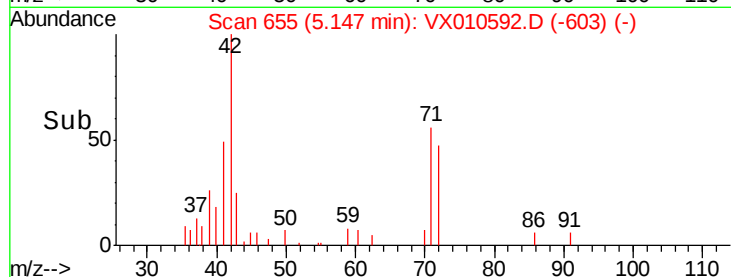
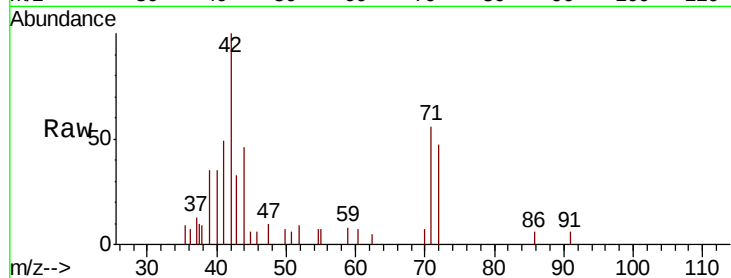




#29
Tetrahydrofuran
Concen: 2.767 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

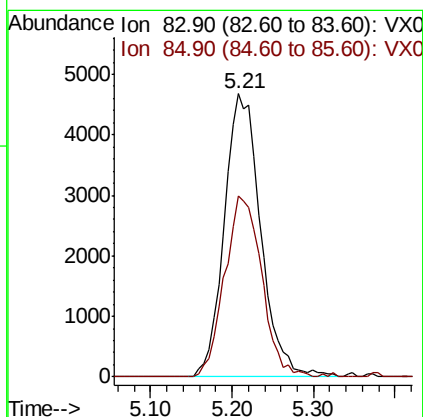
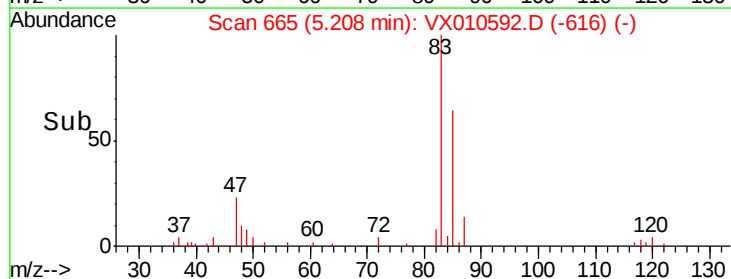
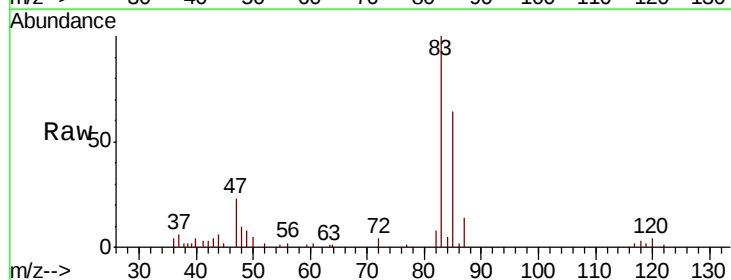
Instrument :
MSVOA_X
ClientSampleID :
RW-12D

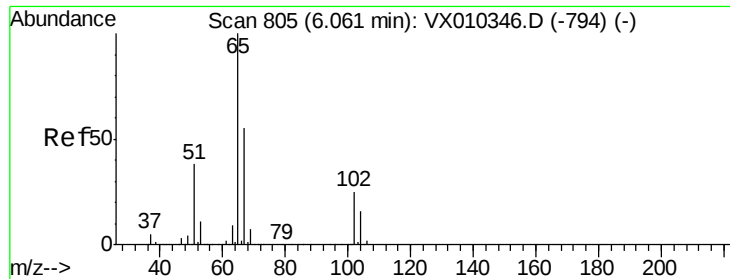
Tot Ion: 42 Resp: 3100
Ion Ratio Lower Upper
42 100
72 53.1 40.6 60.8
71 48.7 37.8 56.8



#30
Chloroform
Concen: 3.435 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

Tgt Ion: 83 Resp: 14424
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 50.185 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

Instrument :

MSVOA_X

ClientSampled :

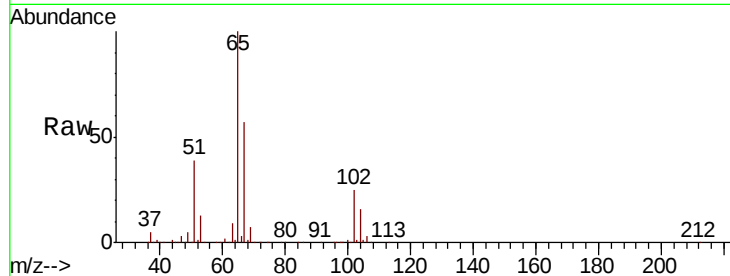
RW-12D

Tot Ion: 65 Resp: 123491

Ion Ratio Lower Upper

65 100

67 55.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

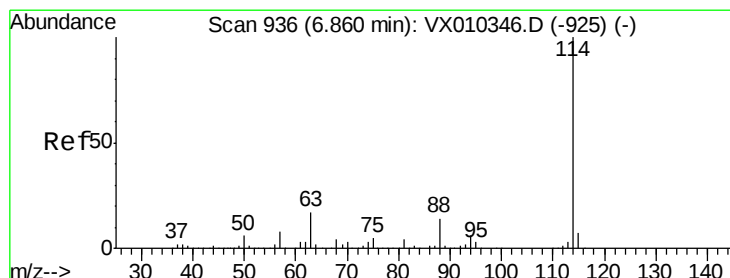
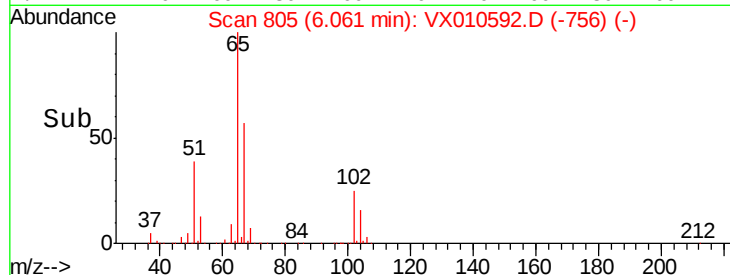
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

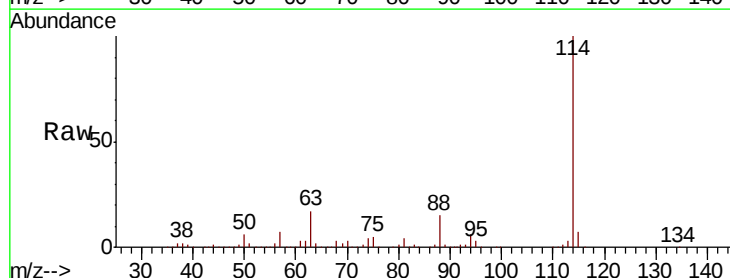
Tgt Ion: 114 Resp: 401063

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

88 14.8 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

200000

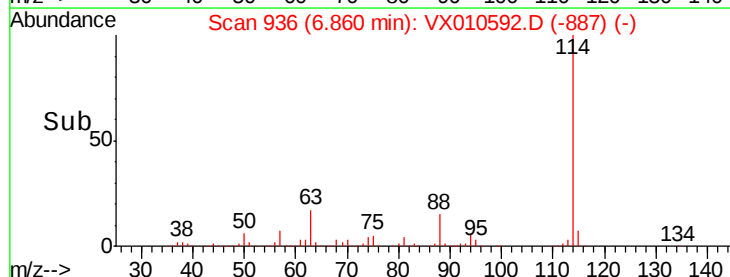
150000

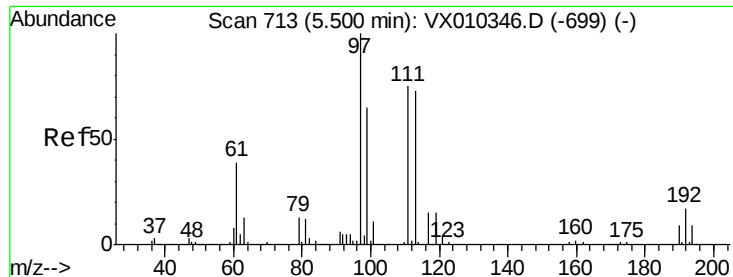
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

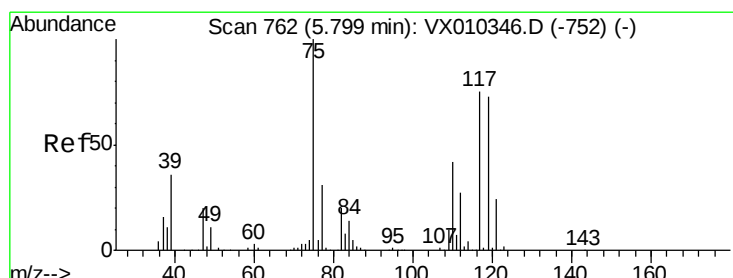
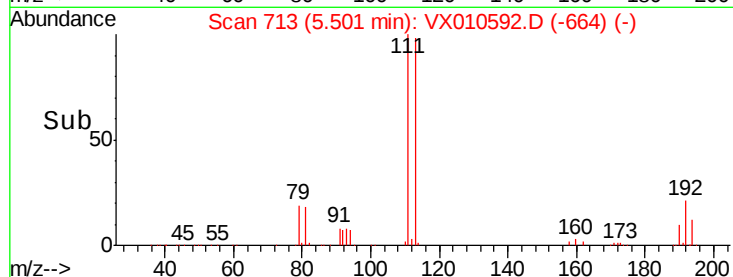
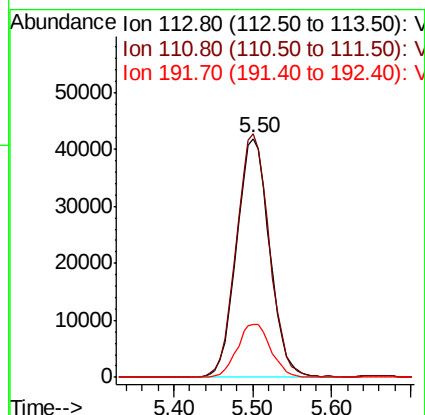
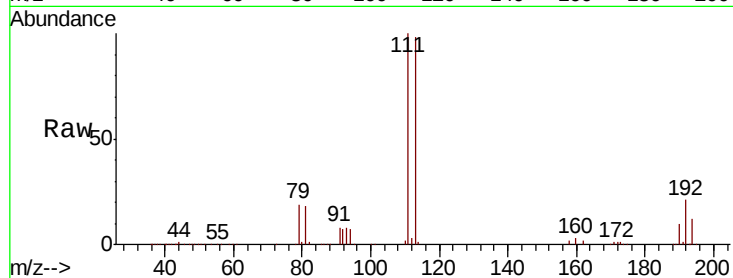




#35
Dibromofluoromethane
Concen: 49.596 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

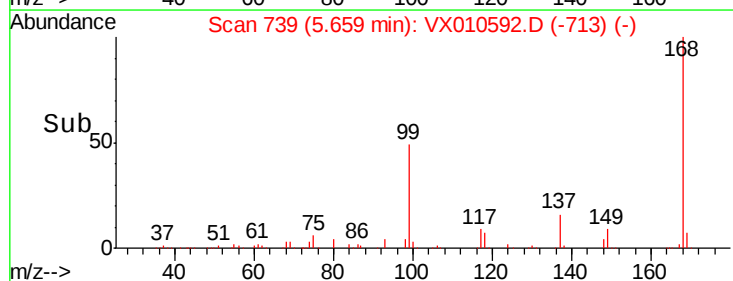
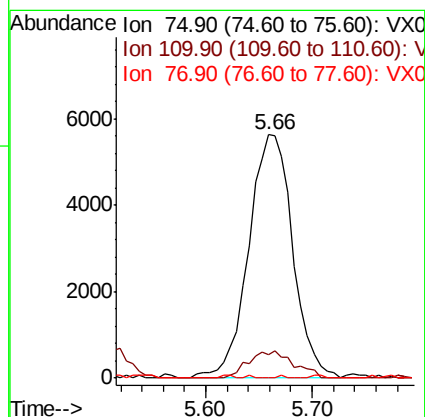
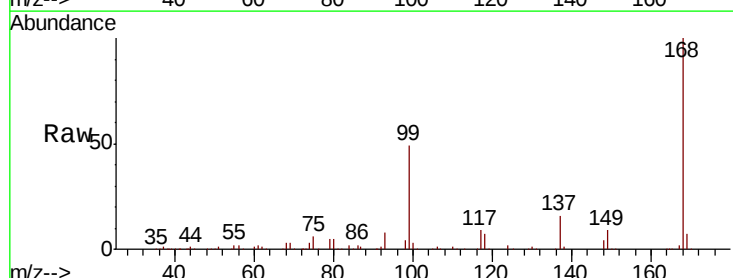
Instrument :
MSVOA_X
ClientSampled :
RW-12D

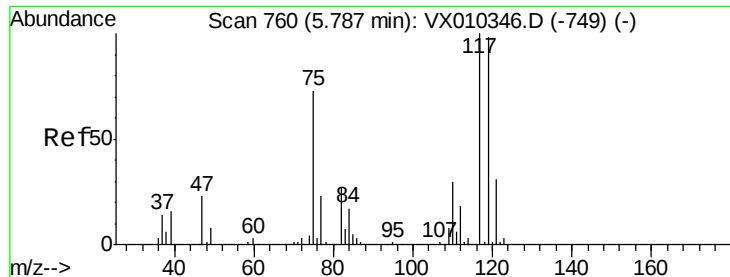
Tot Ion:113 Resp: 121700
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 22.8 18.6 27.8



#36
1,1-Dichloropropene
Concen: 5.116 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

Tgt Ion: 75 Resp: 16304
Ion Ratio Lower Upper
75 100
110 11.4 20.8 62.2#
77 0.2 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.728 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

Instrument :

MSVOA_X

ClientSampled :

RW-12D

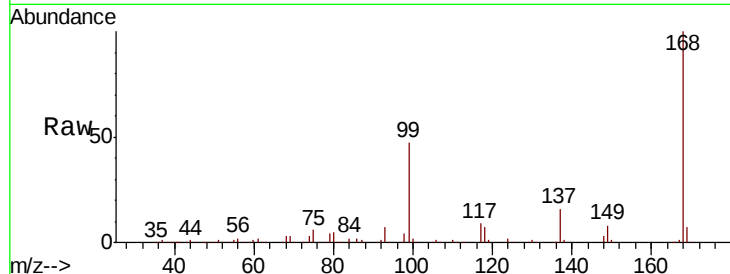
Tot Ion:117 Resp: 23220

Ion Ratio Lower Upper

117 100

119 6.7 78.2 117.4#

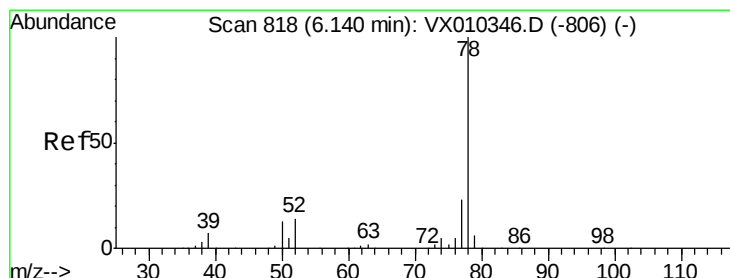
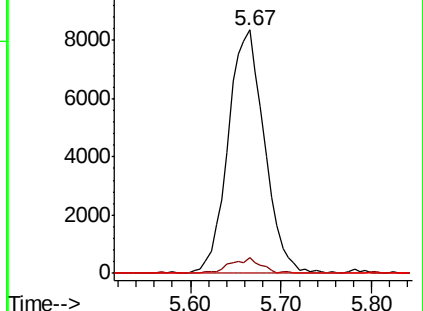
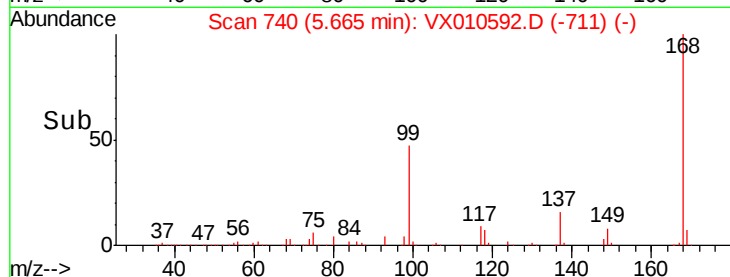
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 0.427 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010592.D

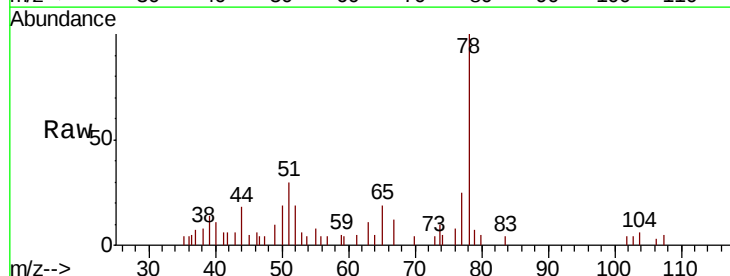
Acq: 01 Jul 2019 15:44

Tgt Ion: 78 Resp: 4237

Ion Ratio Lower Upper

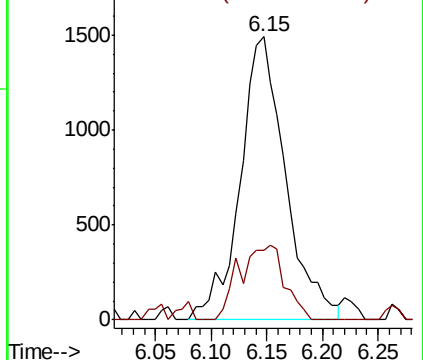
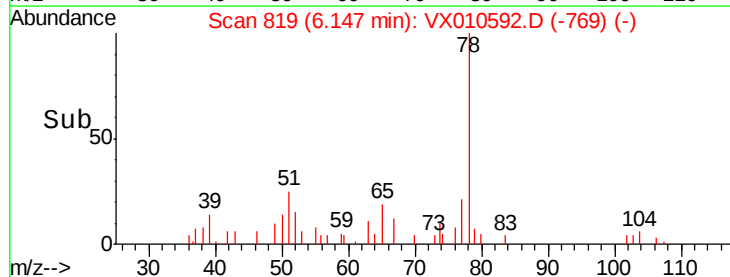
78 100

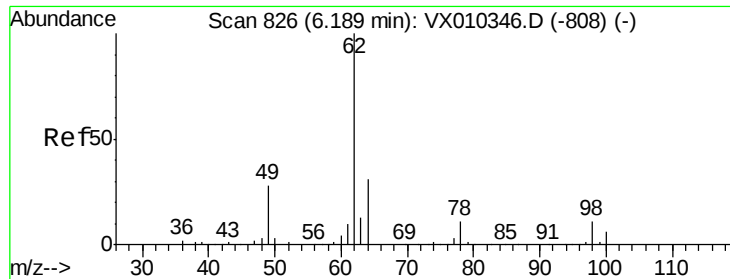
77 24.7 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

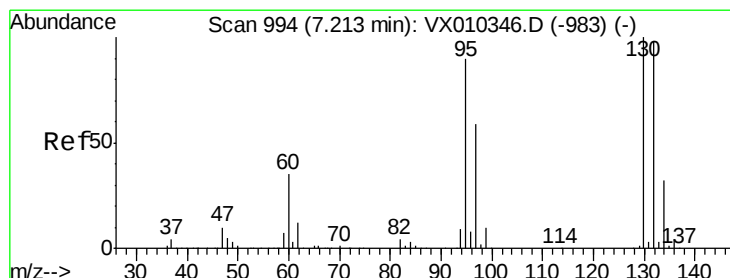
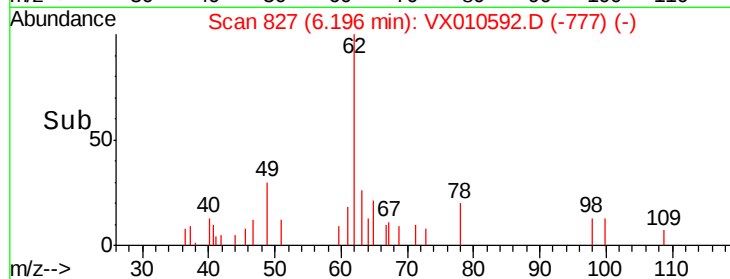
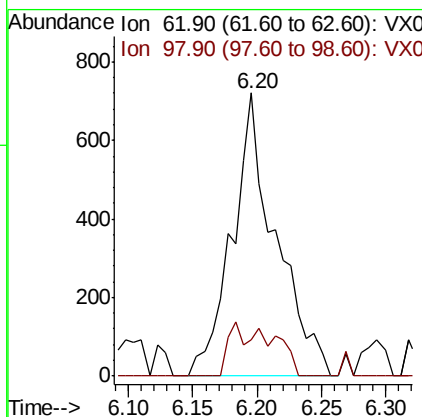
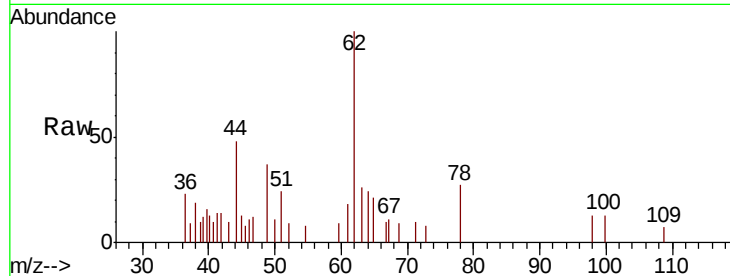




#42
 1,2-Dichloroethane
 Concen: 0.558 ug/l
 RT: 6.20 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: VX010592.D
 Acq: 01 Jul 2019 15:44

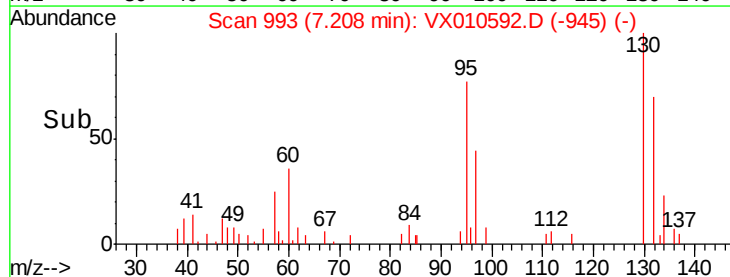
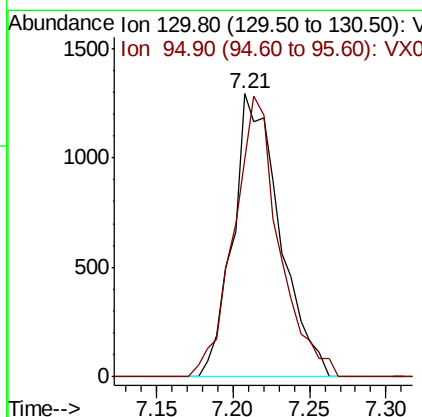
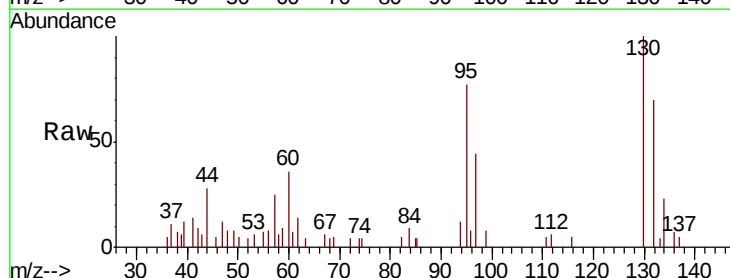
Instrument :
 MSVOA_X
 ClientSampleId :
 RW-12D

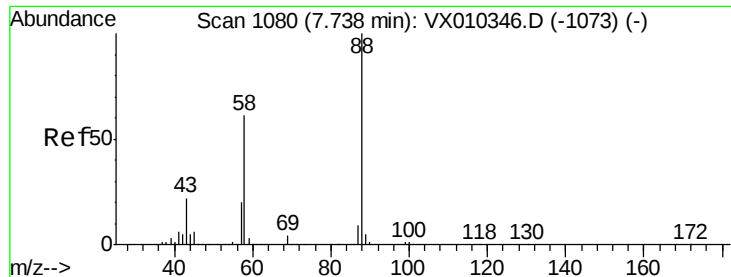
Tot Ion: 62 Resp: 1688
 Ion Ratio Lower Upper
 62 100
 98 8.8 0.0 22.2



#44
 Trichloroethene
 Concen: 0.924 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010592.D
 Acq: 01 Jul 2019 15:44

Tgt Ion:130 Resp: 2745
 Ion Ratio Lower Upper
 130 100
 95 77.1 0.0 180.8





#49

1,4-Dioxane

Concen: 24.244 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

RW-12D

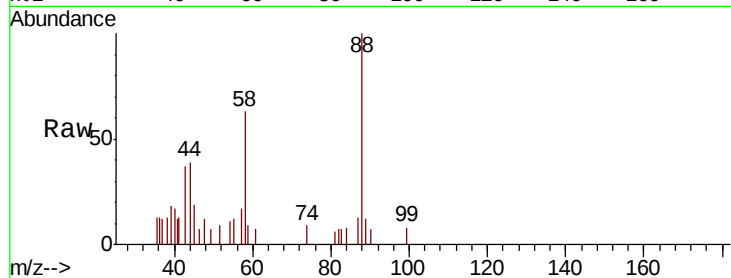
Tot Ion: 88 Resp: 1761

Ion Ratio Lower Upper

88 100

43 30.3 20.2 30.2#

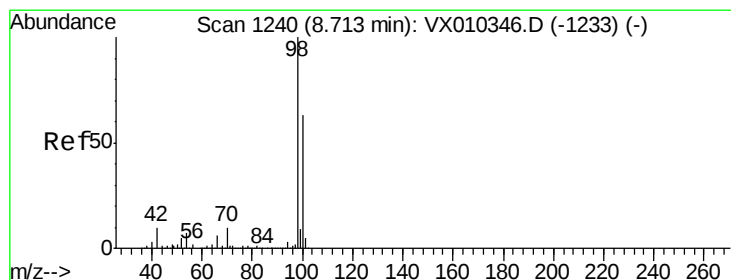
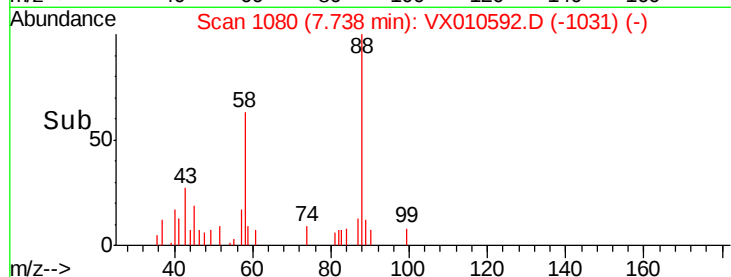
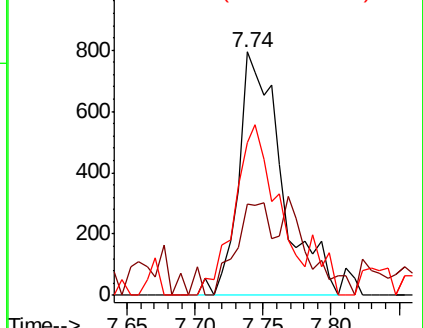
58 69.6 49.5 74.3



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: 50.343 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010592.D

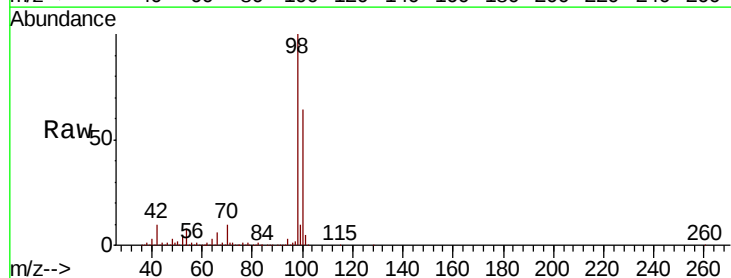
Acq: 01 Jul 2019 15:44

Tgt Ion: 98 Resp: 472620

Ion Ratio Lower Upper

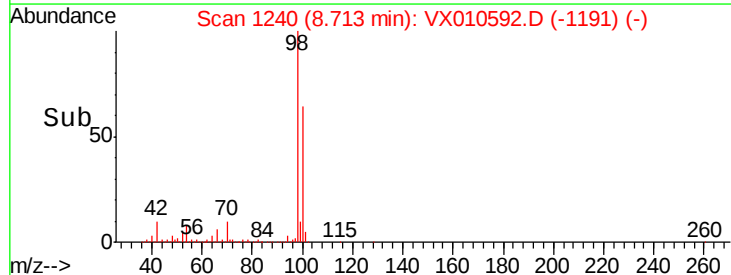
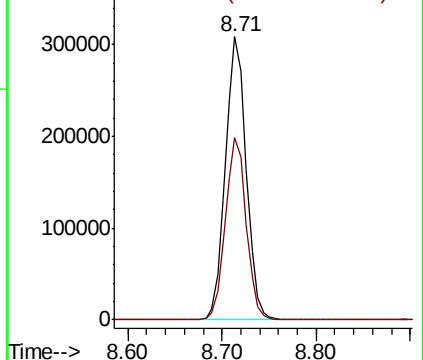
98 100

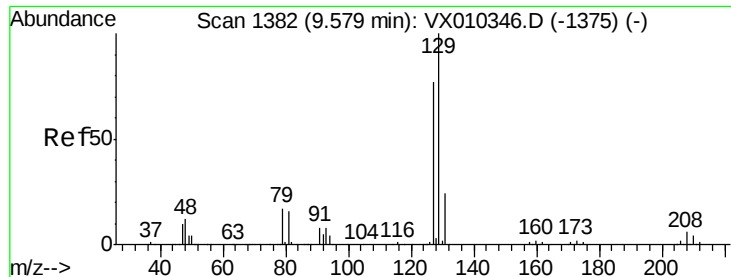
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 0.689 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

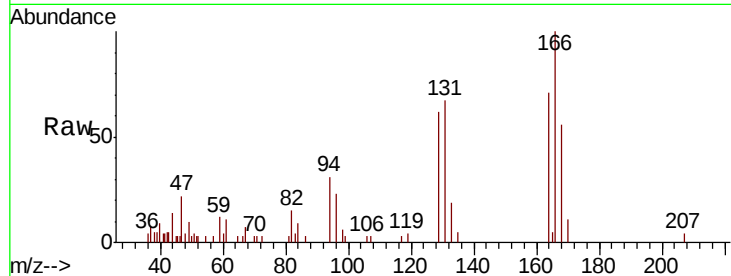
Instrument :
MSVOA_X
ClientSampled :
RW-12D

Tot Ion:129 Resp: 2080

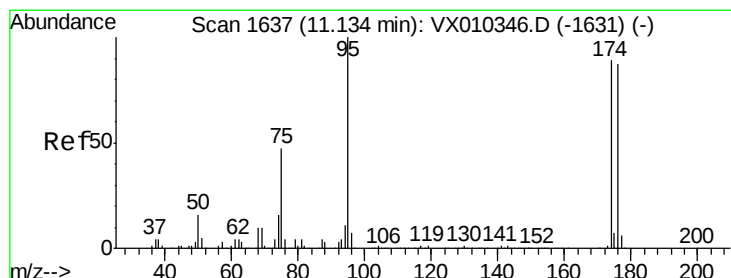
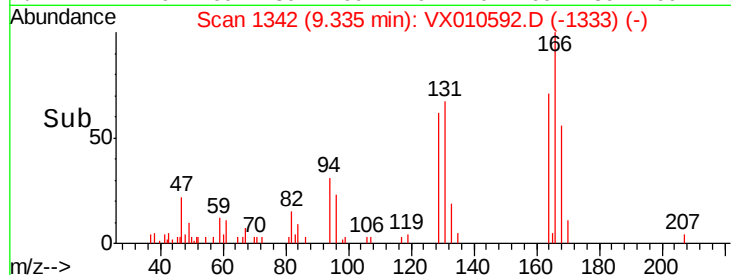
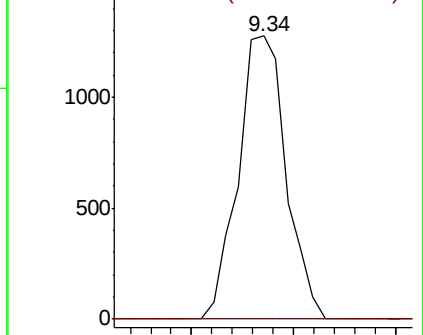
Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.1#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 46.029 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

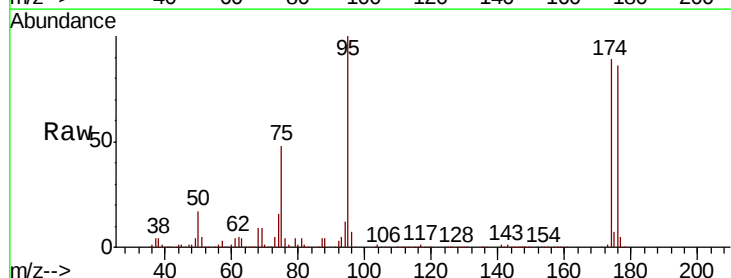
Tgt Ion: 95 Resp: 156007

Ion Ratio Lower Upper

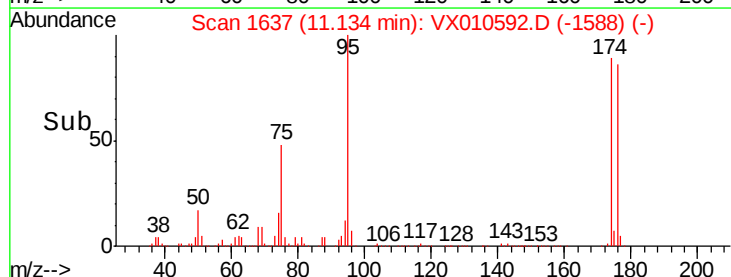
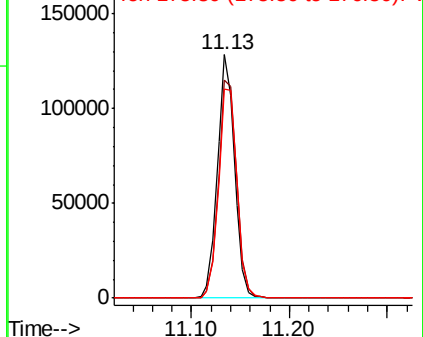
95 100

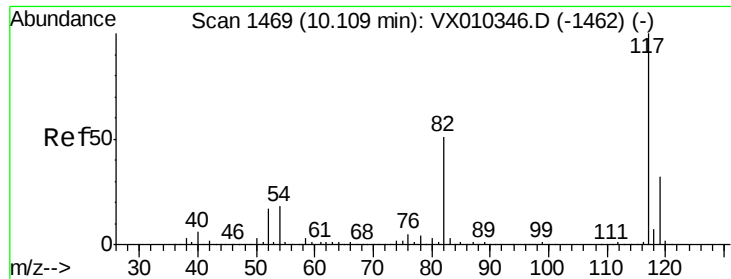
174 95.3 0.0 187.6

176 92.6 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

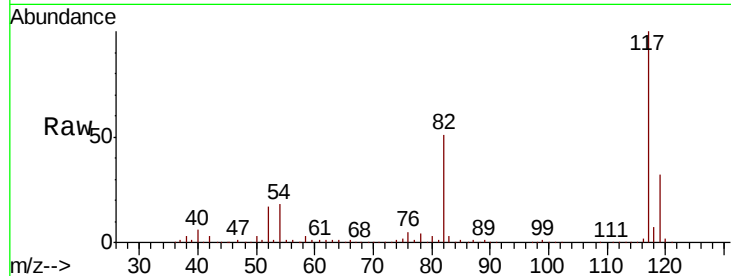




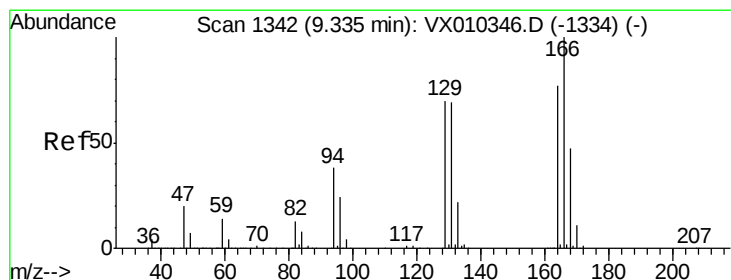
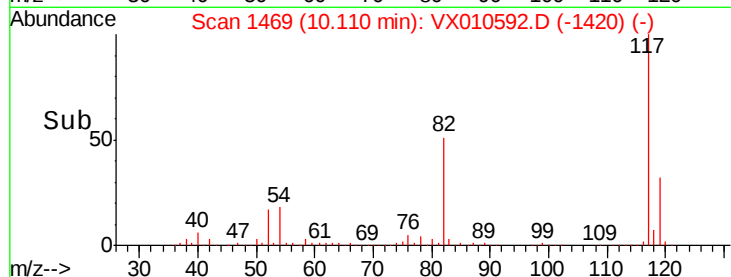
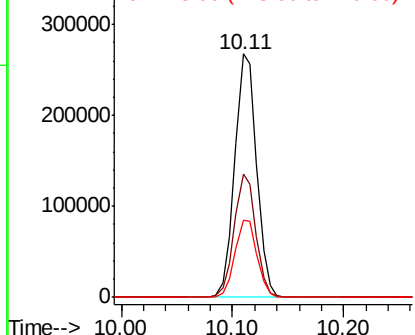
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
RW-12D

Tot Ion:117 Resp: 363585
Ion Ratio Lower Upper
117 100
82 50.8 41.2 61.8
119 31.6 25.5 38.3

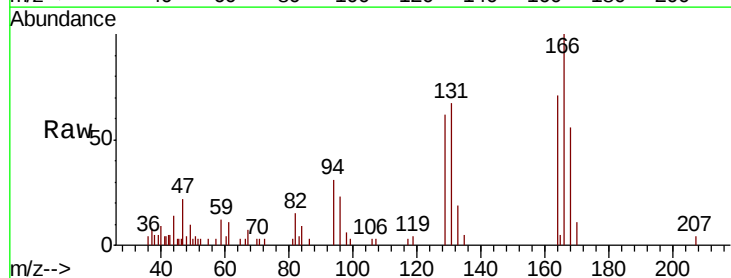


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

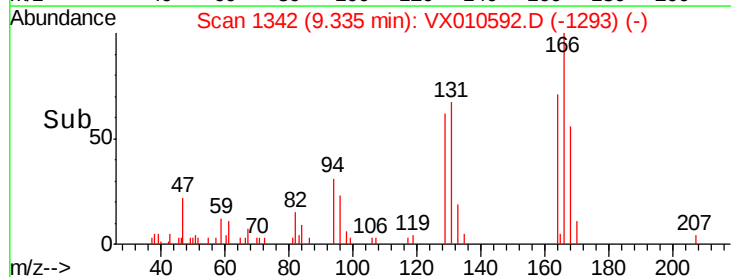
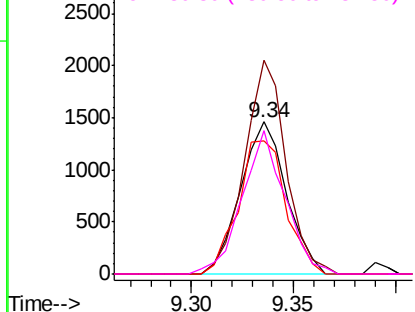


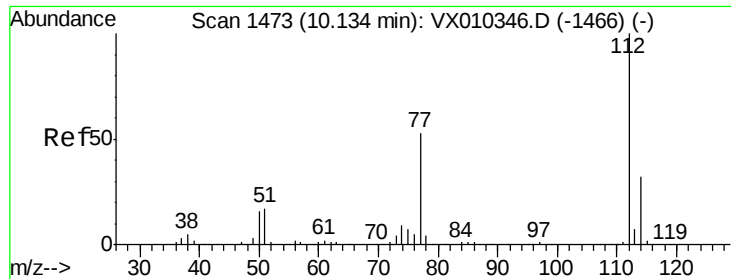
#64
Tetrachloroethene
Concen: 0.778 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

Tgt Ion:164 Resp: 2288
Ion Ratio Lower Upper
164 100
166 140.3 103.6 155.4
129 87.3 73.0 109.4
131 94.3 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

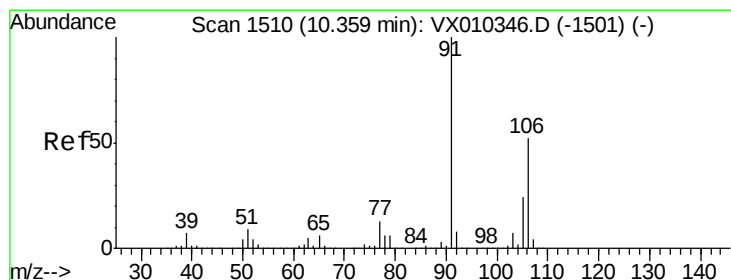
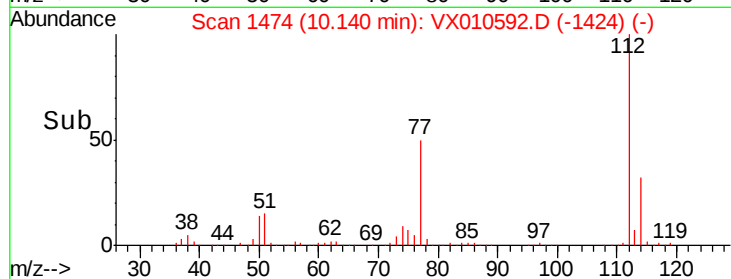
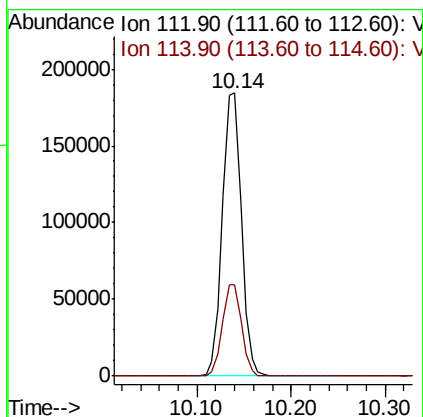
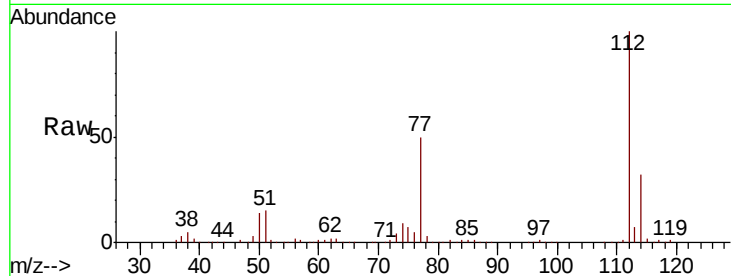




#65
Chlorobenzene
Concen: 35.256 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

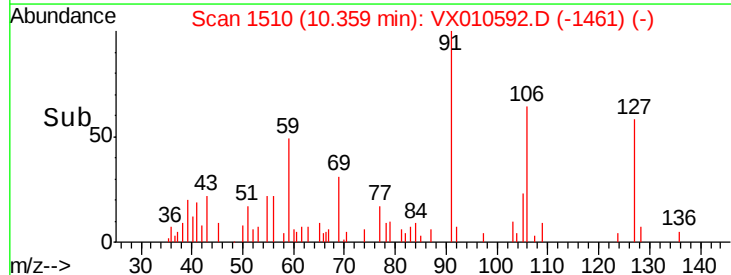
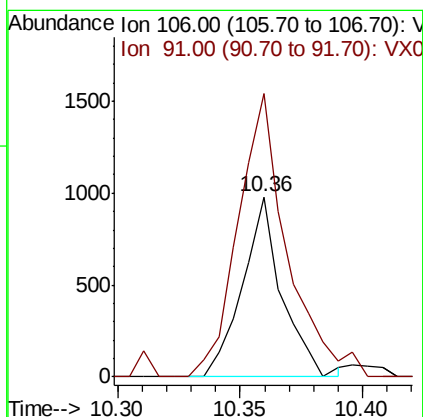
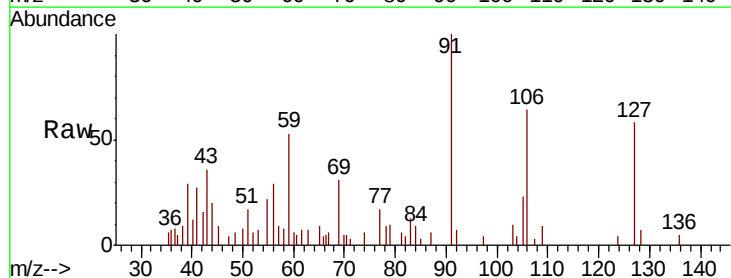
Instrument :
MSVOA_X
ClientSampleId :
RW-12D

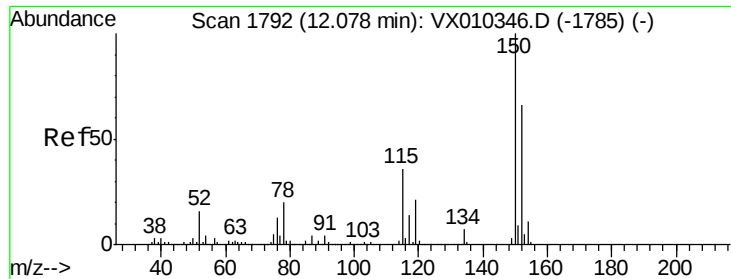
Tot Ion:112 Resp: 260240
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 0.229 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

Tgt Ion:106 Resp: 1104
Ion Ratio Lower Upper
106 100
91 195.1 155.3 232.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010592.D

Acq: 01 Jul 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

RW-12D

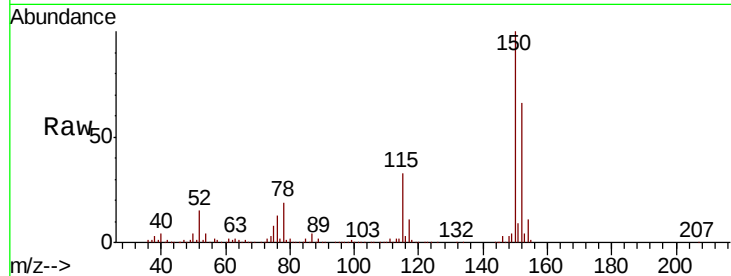
Tot Ion:152 Resp: 169333

Ion Ratio Lower Upper

152 100

115 53.8 38.6 115.7

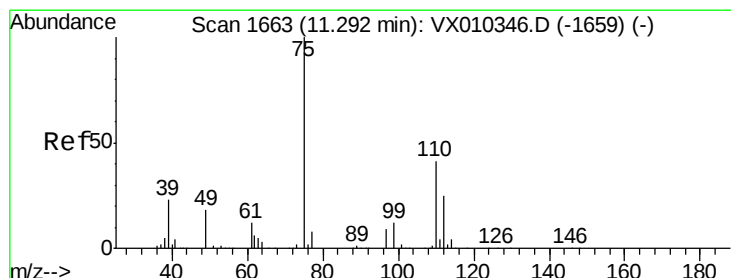
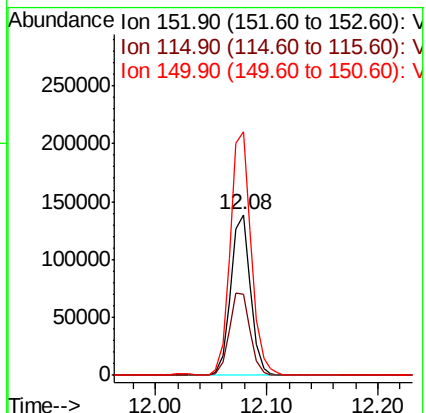
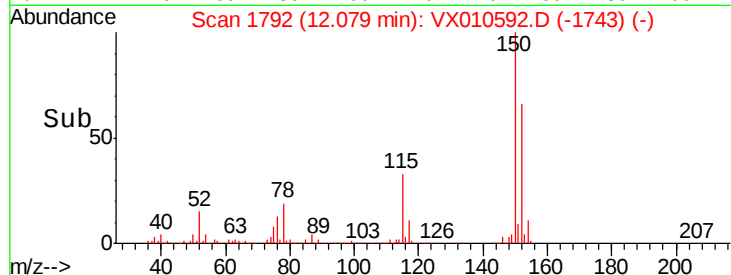
150 159.7 0.0 347.4



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: 24.376 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010592.D

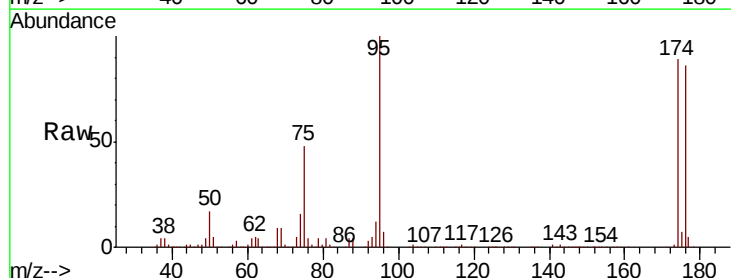
Acq: 01 Jul 2019 15:44

Tgt Ion: 75 Resp: 75216

Ion Ratio Lower Upper

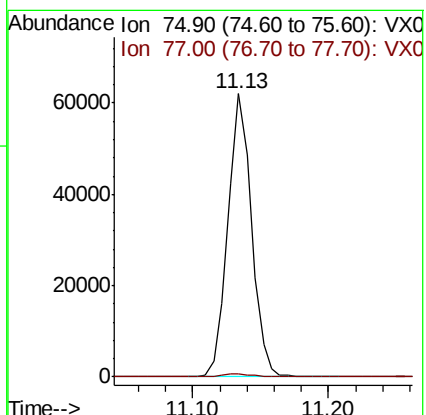
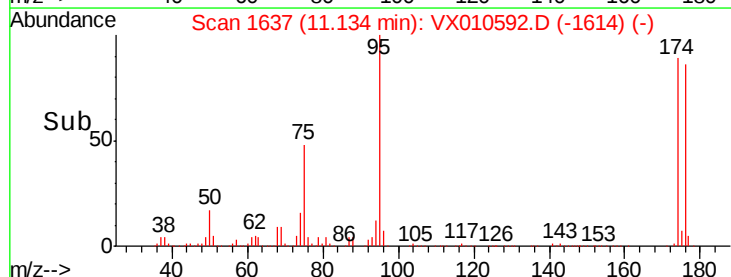
75 100

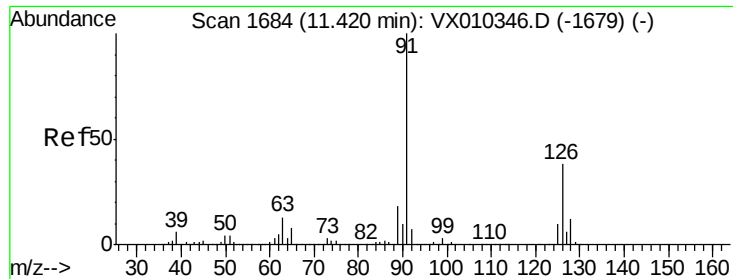
77 1.4 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

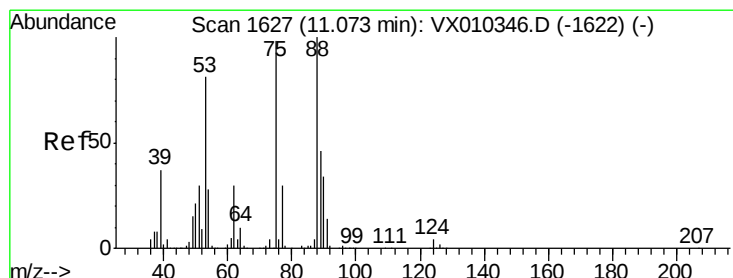
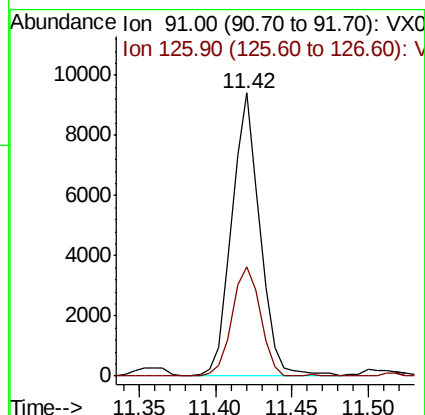
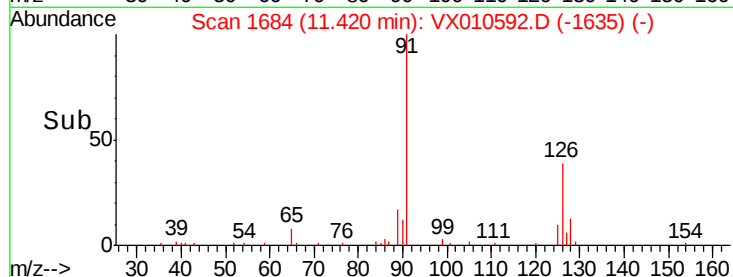
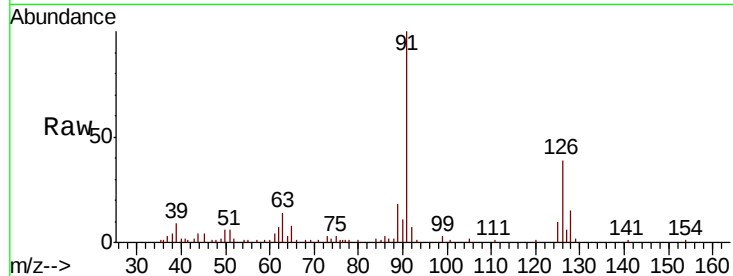




#79
2-Chlorotoluene
Concen: 1.604 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

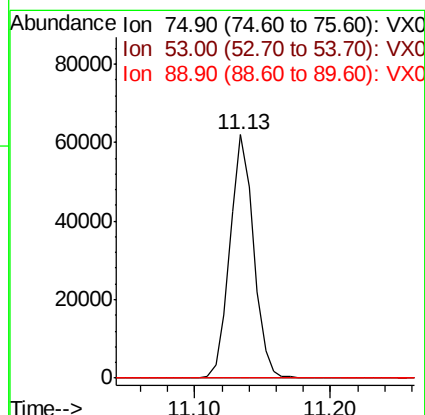
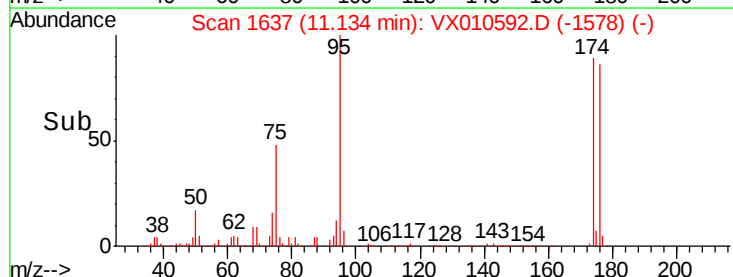
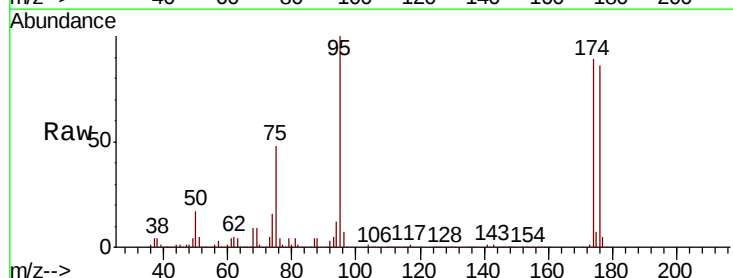
Instrument :
MSVOA_X
ClientSampled :
RW-12D

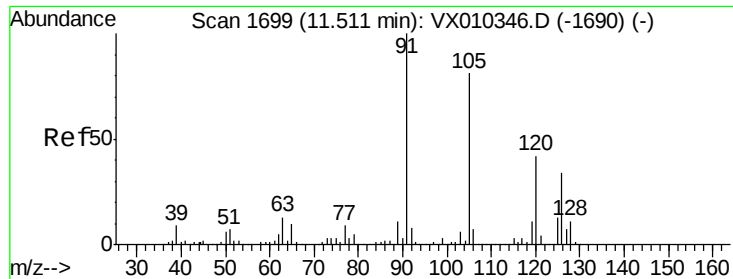
Tot Ion: 91 Resp: 12049
Ion Ratio Lower Upper
91 100
126 38.5 18.7 56.1



#81
trans-1,4-Dichloro-2-butene
Concen: 56.866 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

Tgt Ion: 75 Resp: 75216
Ion Ratio Lower Upper
75 100
53 0.2 66.1 99.1#
89 0.1 37.8 56.6#

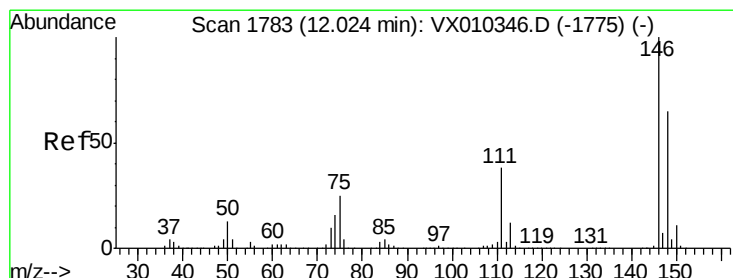
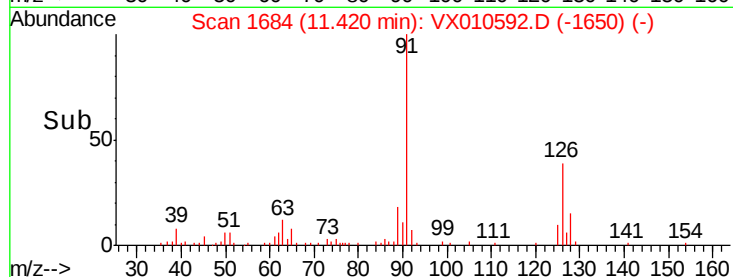
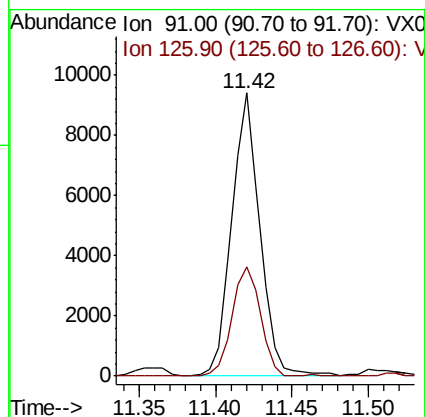
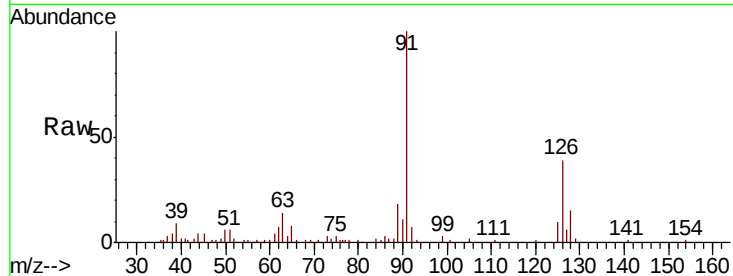




#82
4-Chlorotoluene
Concen: 1.410 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.09 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

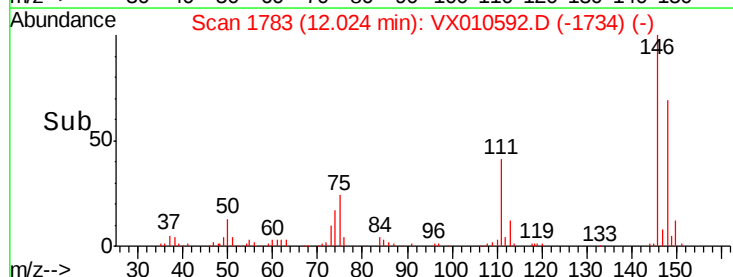
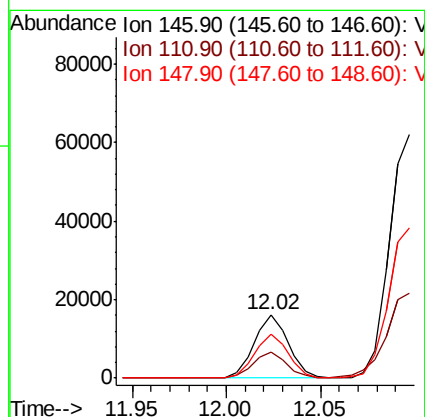
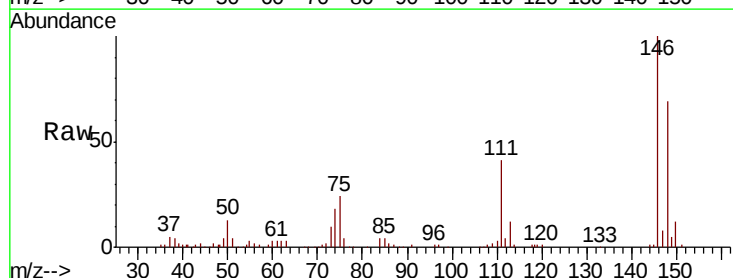
Instrument :
MSVOA_X
ClientSampled :
RW-12D

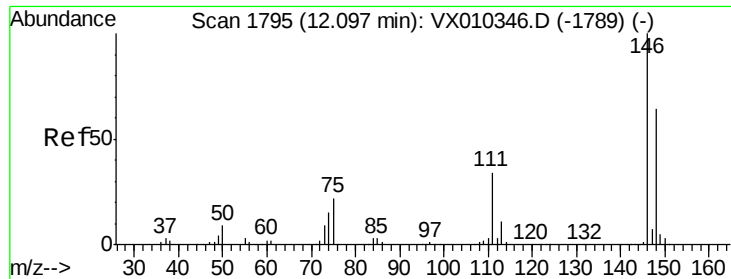
Tot Ion: 91 Resp: 12049
Ion Ratio Lower Upper
91 100
126 38.5 16.2 48.6



#87
1,3-Dichlorobenzene
Concen: 3.627 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010592.D
Acq: 01 Jul 2019 15:44

Tgt Ion: 146 Resp: 20291
Ion Ratio Lower Upper
146 100
111 40.4 19.1 57.1
148 69.3 32.5 97.4

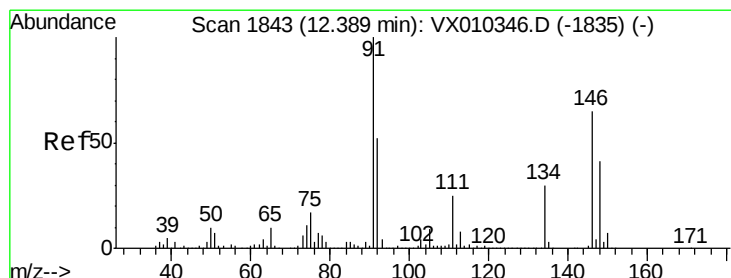
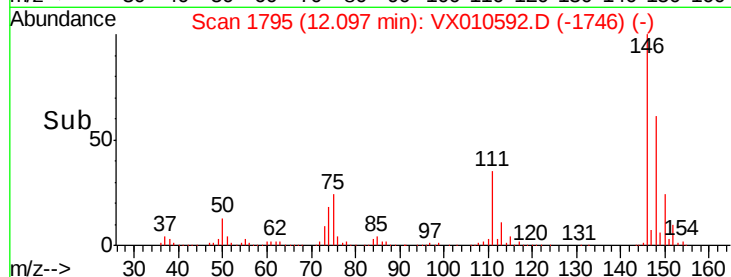
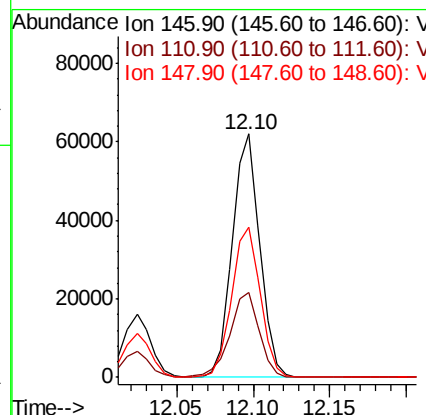
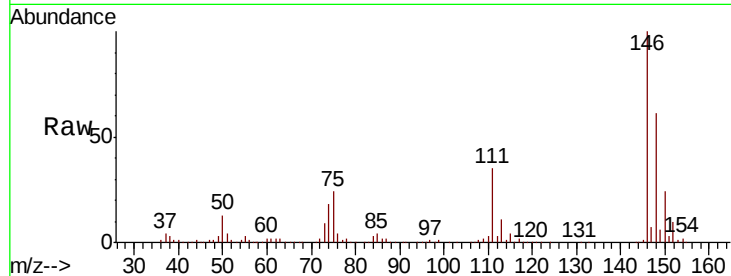




#88
 1,4-Dichlorobenzene
 Concen: 13.519 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010592.D
 Acq: 01 Jul 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-12D

Tot Ion:146 Resp: 77000
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.1 54.3
 148 64.4 32.1 96.3



#91
 1,2-Dichlorobenzene
 Concen: 9.108 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010592.D
 Acq: 01 Jul 2019 15:44

Tgt Ion:146 Resp: 50645
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.2 57.6
 148 63.4 32.0 96.0

