

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008130.D
 Acq On : 16 Mar 2019 02:11
 Operator : JC/SP
 Sample : K1894-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW12-GW

Quant Time: Mar 16 02:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	377155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194792	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	128570	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	5.51	113	125629	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	8.71	98	472061	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	177659	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	1636	0.661	ug/l	99
5) Bromomethane	1.66	94	191	Below Cal	#	64
6) Chloroethane	1.74	64	1596	0.571	ug/l	96
11) Tert butyl alcohol	3.07	59	11136	21.756	ug/l	98
13) Acrolein	2.27	56	861	1.826	ug/l #	1
14) Allyl chloride	2.81	41	3374	0.925	ug/l #	1
15) Acrylonitrile	3.17	53	489	0.392	ug/l #	32
16) Acetone	2.45	43	64385	51.477	ug/l	97
18) Methyl Acetate	2.78	43	1325	0.490	ug/l #	64
19) Methyl tert-butyl Ether	3.21	73	35597	5.258	ug/l	100
25) 2-Butanone	4.70	43	25338	13.198	ug/l	93
29) Tetrahydrofuran	5.17	42	740	0.617	ug/l #	60
31) Cyclohexane	5.57	56	18827	4.970	ug/l	92
36) 1,1-Dichloropropene	5.67	75	14753	4.571	ug/l #	49
37) Ethyl Acetate	4.70	43	25338	7.305	ug/l #	68
38) Carbon Tetrachloride	5.67	117	21333	6.867	ug/l #	17
39) Methylcyclohexane	7.46	83	10147	2.460	ug/l	91
40) Benzene	6.15	78	391468	39.594	ug/l	99
42) 1,2-Dichloroethane	6.20	62	5174	1.636	ug/l	97
43) Isopropyl Acetate	6.37	43	7006	1.254	ug/l #	62
48) Methyl methacrylate	7.74	41	755	0.259	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	6327	1.719	ug/l	99
52) Toluene	8.79	92	1753784	279.058	ug/l	99
53) 1,1,3-Dichloropropene	8.79	75	18372	5.390	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	1232	0.481	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.24	63	1507	0.678	ug/l #	47
59) 2-Hexanone	9.50	43	5229	1.816	ug/l	94
61) 1,2-Dibromoethane	9.68	107	943	0.352	ug/l	83
67) Ethyl Benzene	10.25	91	684938	55.290	ug/l	99
68) m/p-Xylenes	10.36	106	1207466	254.722	ug/l	98
69) o-Xylene	10.70	106	1100356	238.117	ug/l	97
70) Styrene	10.70	104	59364	7.842	ug/l #	1
73) Isopropylbenzene	11.02	105	25421	2.038	ug/l	100
74) N-ethyl acetate	10.94	43	4020	0.764	ug/l #	67

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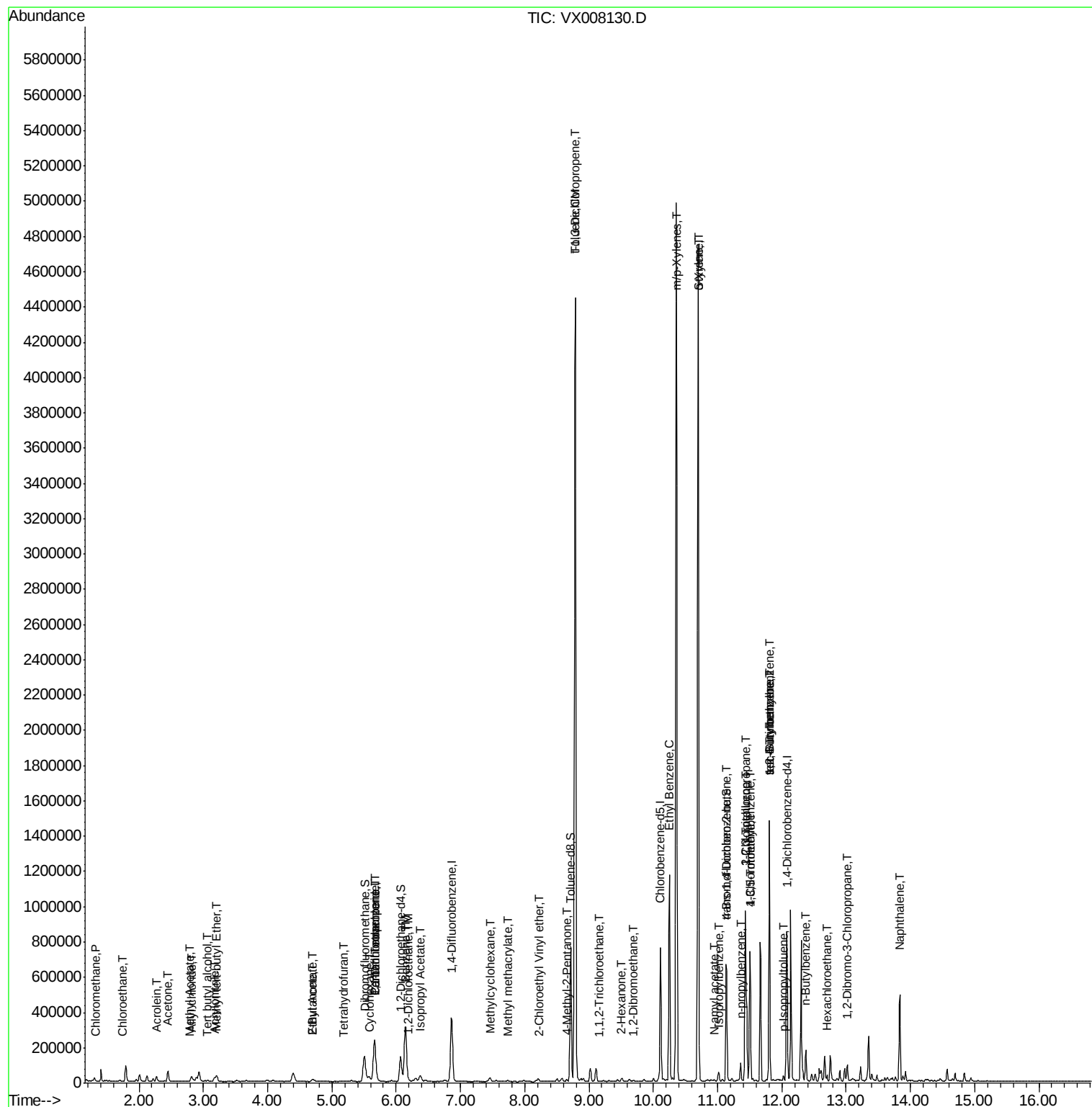
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.43	75	5196	1.536	ug/l #	1
78) n-propylbenzene	11.36	91	60306	4.406	ug/l	99
79) 2-Chlorotoluene	11.43	91	76904	9.200	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	322010	31.322	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	79274	66.683	ug/l #	12
82) 4-Chlorotoluene	11.51	91	30326	3.168	ug/l #	43
83) tert-Butylbenzene	11.80	119	83281	8.084	ug/l #	68
84) 1,2,4-Trimethylbenzene	11.80	105	643753	60.706	ug/l	97
85) sec-Butylbenzene	11.80	105	643753	52.445	ug/l #	55
86) p-Isopropyltoluene	12.02	119	11584	1.043	ug/l	96
89) n-Butylbenzene	12.37	91	15084	1.624	ug/l #	1
90) Hexachloroethane	12.70	117	11456	6.448	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	306	0.370	ug/l #	1
95) Naphthalene	13.83	128	317125	26.478	ug/l	100

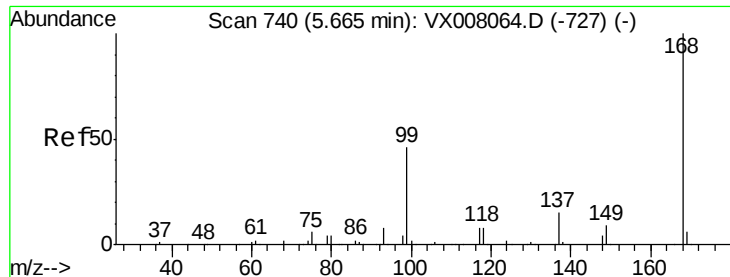
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008130.D

Acq: 16 Mar 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

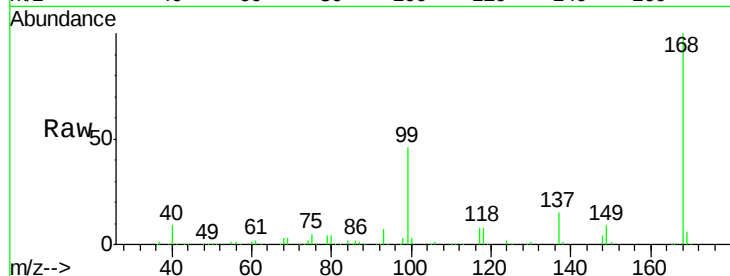
RFK-RMAB-MW12-GW

Tot Ion:168 Resp: 262639

Ion Ratio Lower Upper

168 100

99 45.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

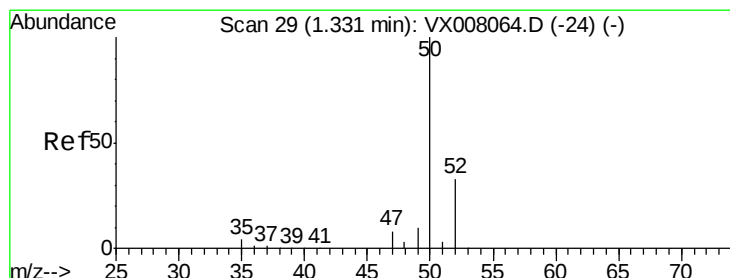
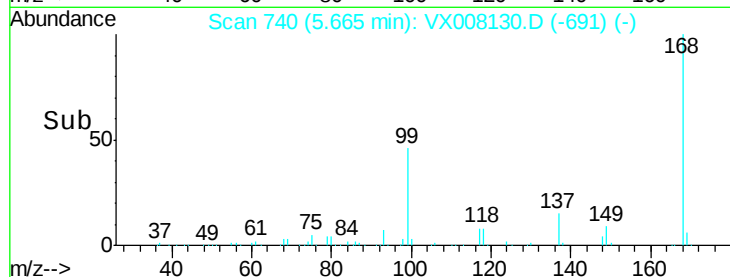
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.661 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008130.D

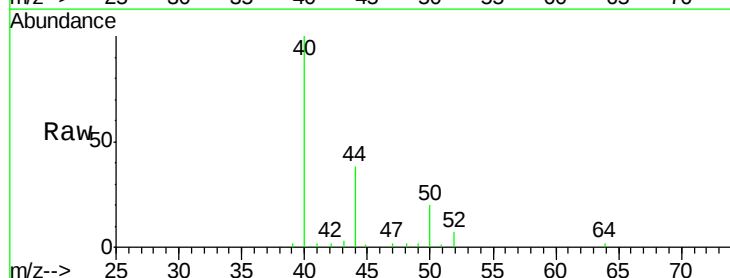
Acq: 16 Mar 2019 02:11

Tgt Ion: 50 Resp: 1636

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

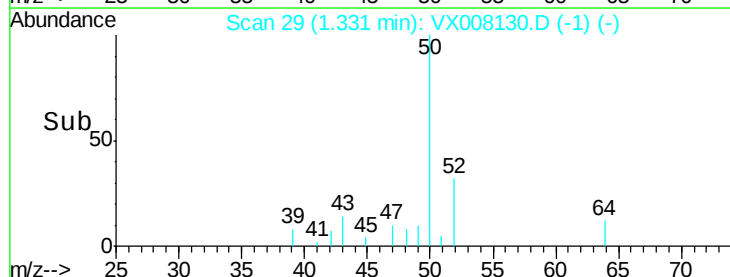
1500

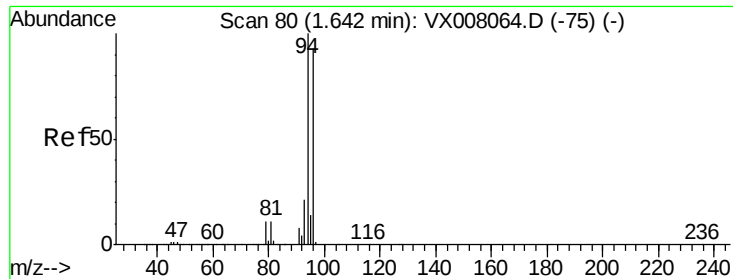
1000

500

0

Time--> 1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

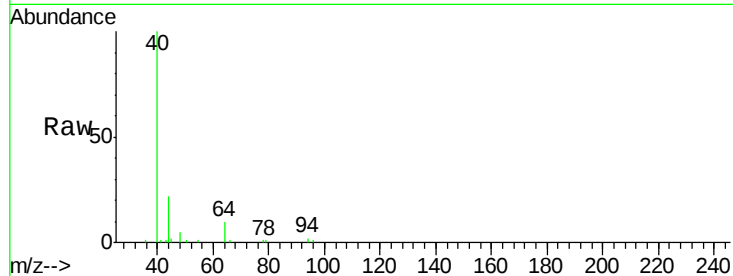
RFK-RMAB-MW12-GW

Tot Ion: 94 Resp: 191

Ion Ratio Lower Upper

94 100

96 59.2 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

150

100

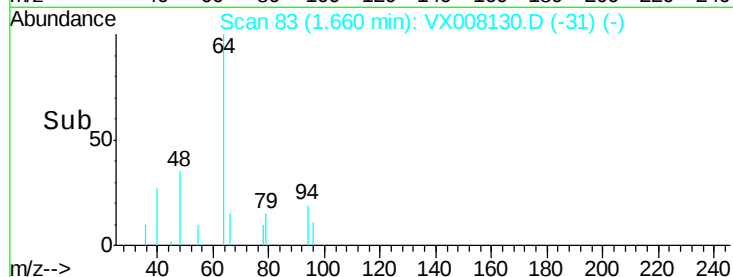
50

0

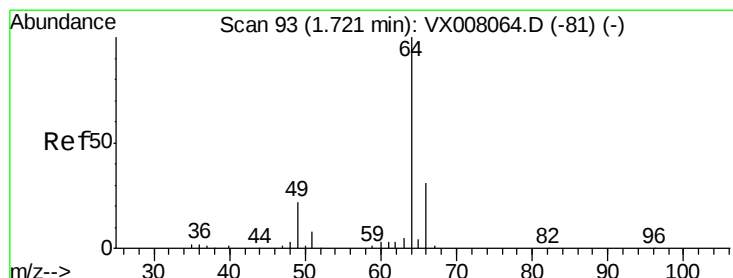
1.60

1.65

1.70



Time-->



#6

Chloroethane

Concen: 0.571 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.02 min

Lab File: VX008130.D

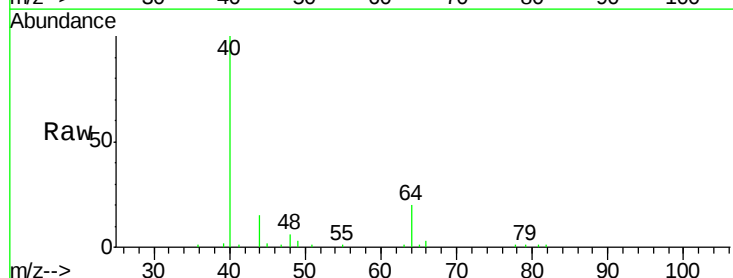
Acq: 16 Mar 2019 02:11

Tgt Ion: 64 Resp: 1596

Ion Ratio Lower Upper

64 100

66 29.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1500

1000

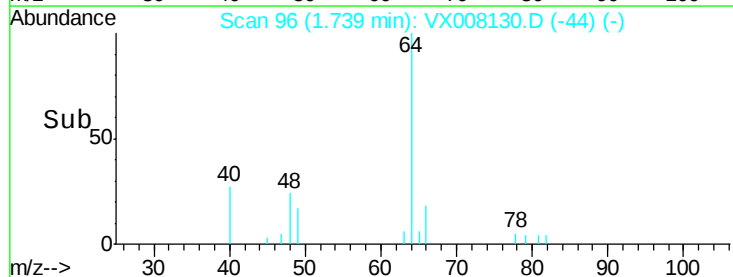
500

0

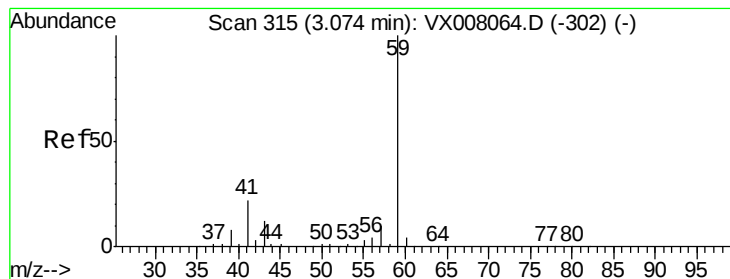
1.70

1.75

1.80



Time-->

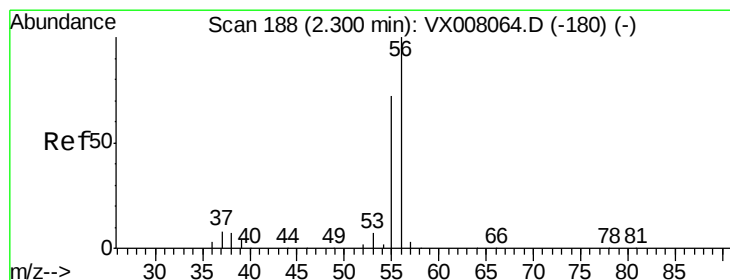
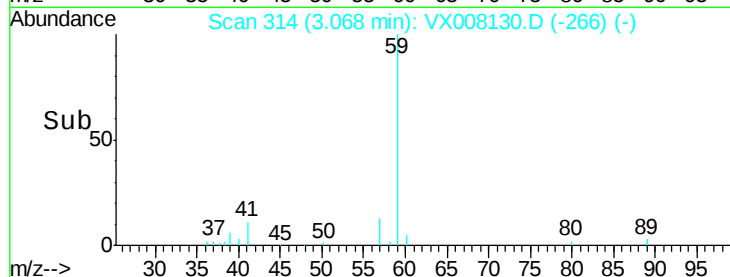
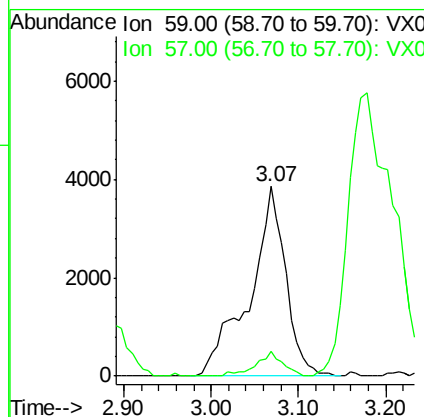
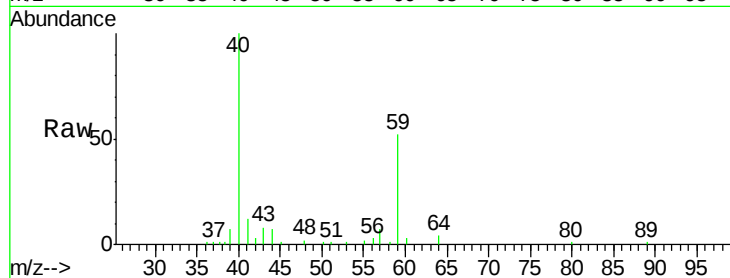


#11

Tert butyl alcohol
 Concen: 21.756 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

Instrument :
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 ClientSampleId :
 RFK-RMAB-MW12-GW

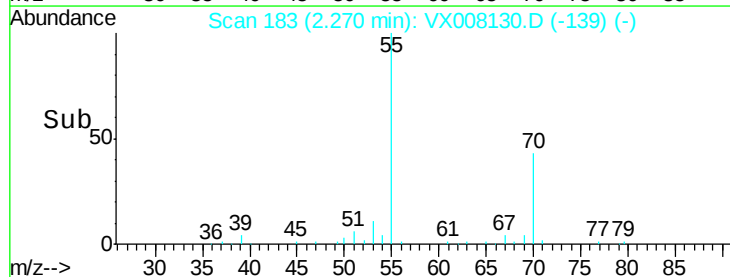
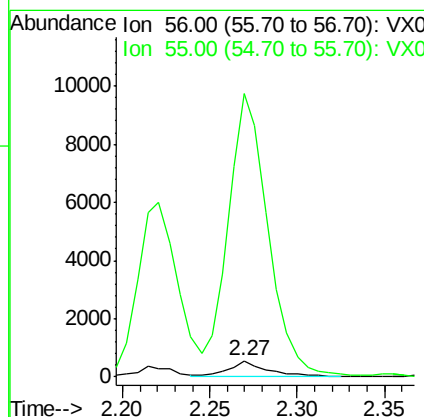
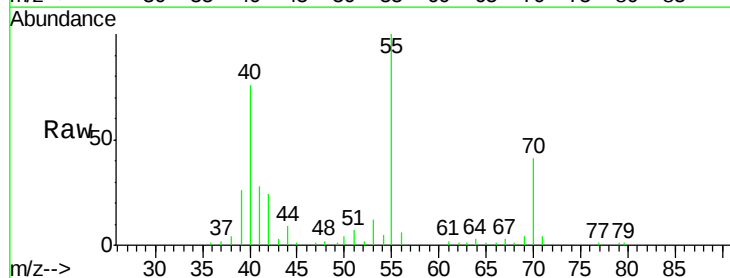
Tot Ion: 59 Resp: 11136
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.2 12.2

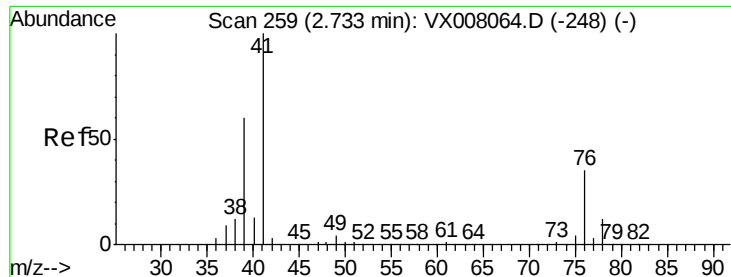


#13

Acrolein
 Concen: 1.826 ug/l
 RT: 2.27 min Scan# 183
 Delta R.T. -0.03 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

Tgt Ion: 56 Resp: 861
 Ion Ratio Lower Upper
 56 100
 55 1764.9 57.8 86.6#





#14

Allvl chloride

Concen: 0.925 ug/l

RT: 2.81 min Scan# 272

Delta R.T. 0.08 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW12-GW

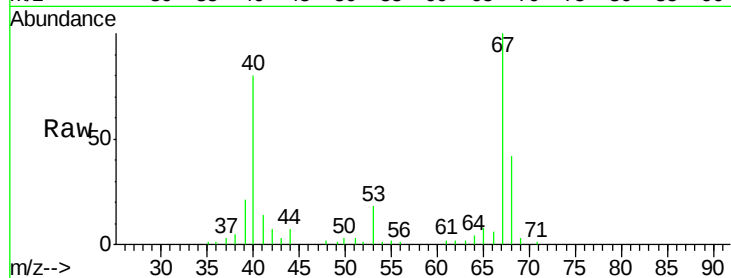
Tot Ion: 41 Resp: 3374

Ion Ratio Lower Upper

41 100

39 184.7 46.1 69.1#

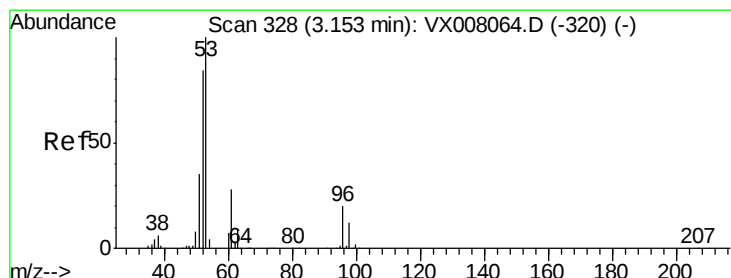
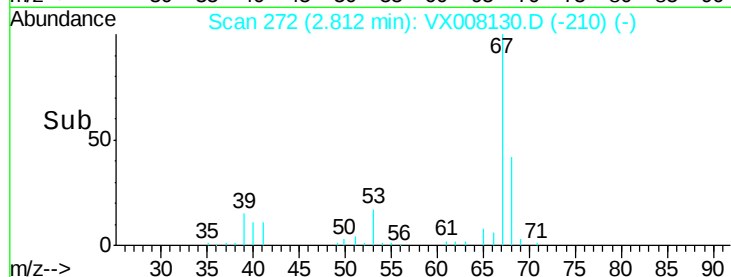
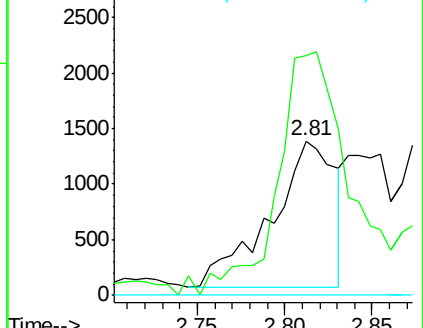
76 0.0 24.0 36.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 0.392 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

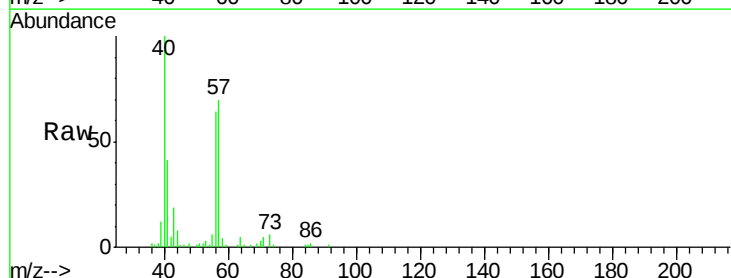
Tgt Ion: 53 Resp: 489

Ion Ratio Lower Upper

53 100

52 18.2 66.0 99.0#

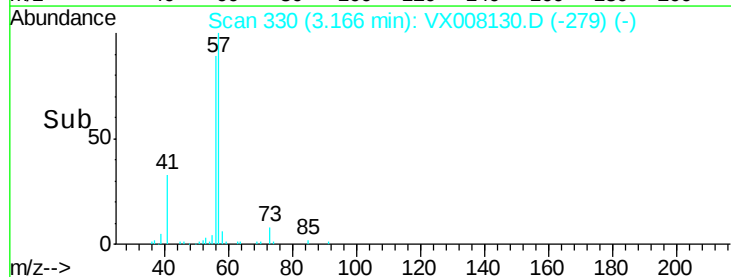
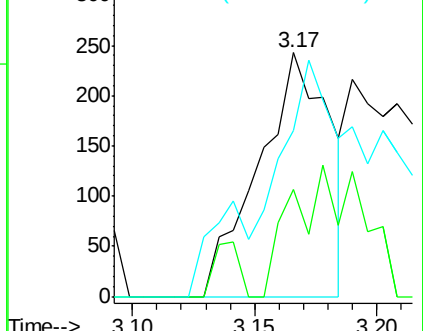
51 0.0 28.0 42.0#

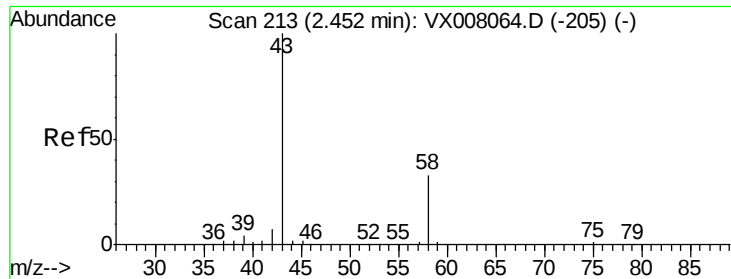


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

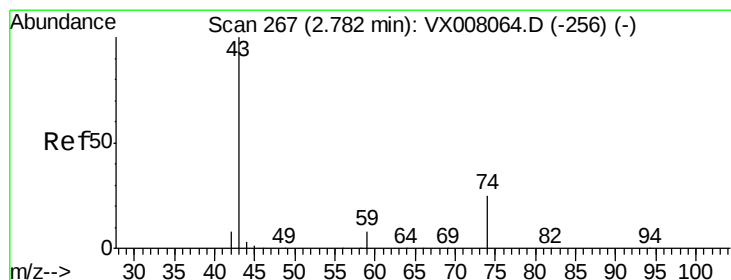
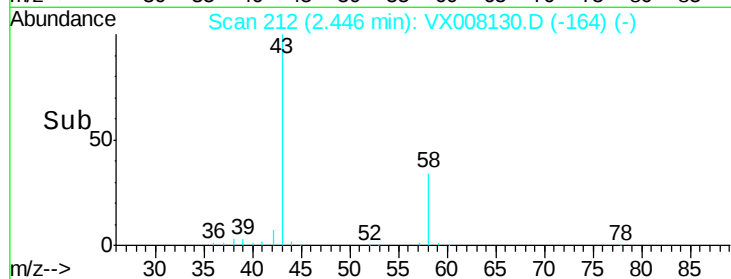
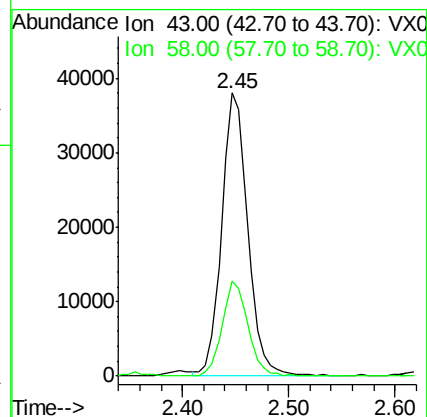
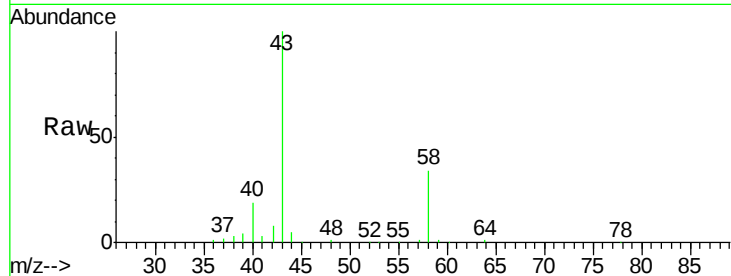




#16
Acetone
Concen: 51.477 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

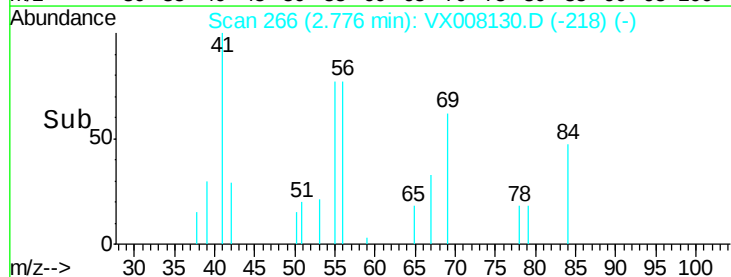
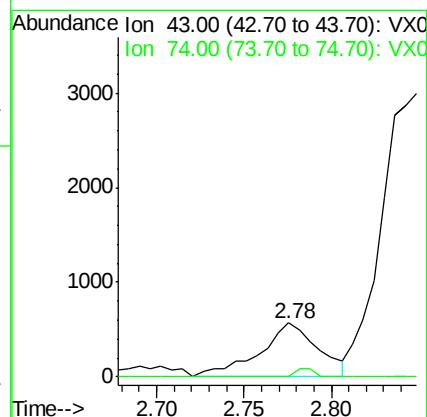
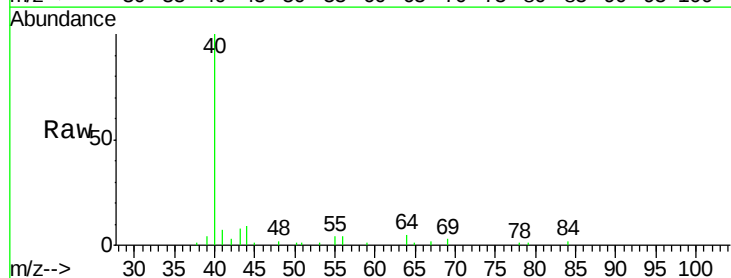
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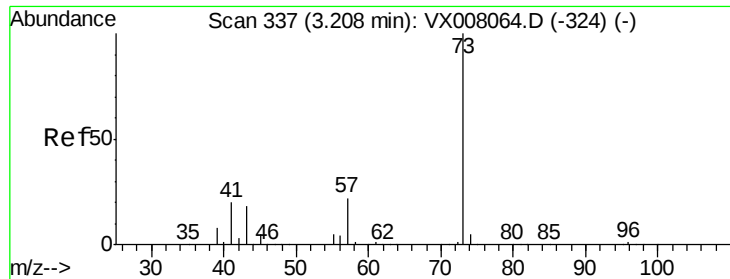
Tot Ion: 43 Resp: 64385
Ion Ratio Lower Upper
43 100
58 33.8 25.5 38.3



#18
Methyl Acetate
Concen: 0.490 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
74 4.8 17.8 26.6#

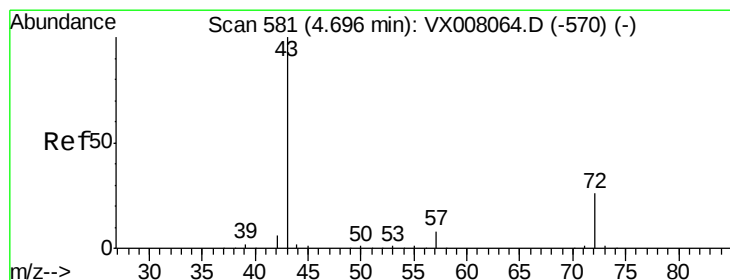
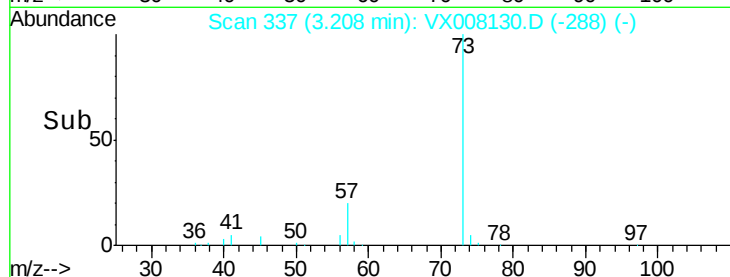
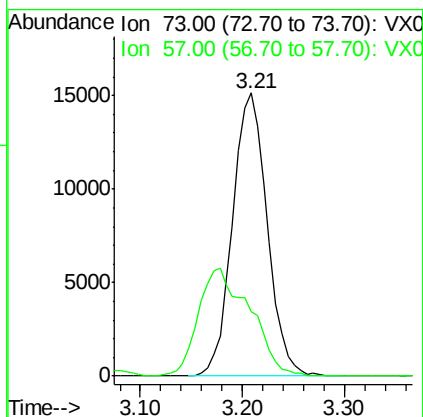
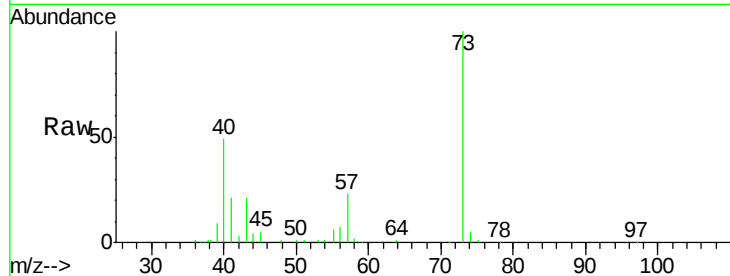




#19
Methvl tert-butvl Ether
Concen: 5.258 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

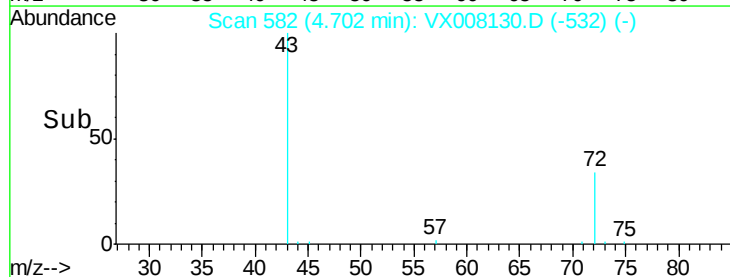
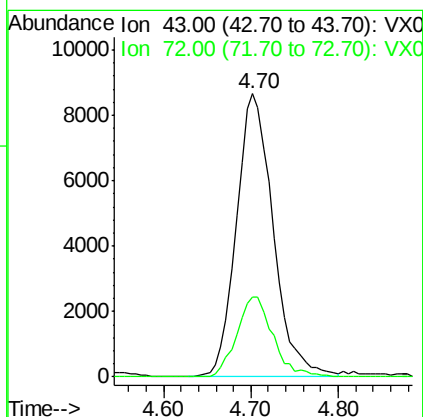
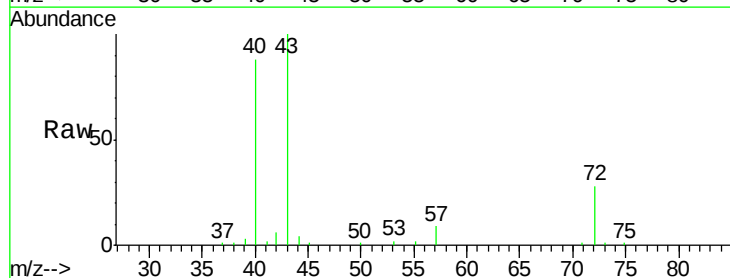
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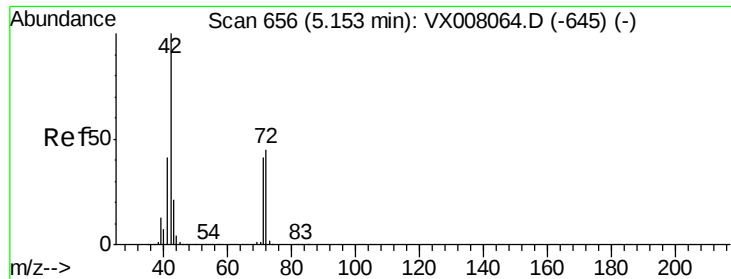
Tot Ion: 73 Resp: 35597
Ion Ratio Lower Upper
73 100
57 23.0 18.2 27.4



#25
2-Butanone
Concen: 13.198 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

Tgt Ion: 43 Resp: 25338
Ion Ratio Lower Upper
43 100
72 28.4 19.9 29.9

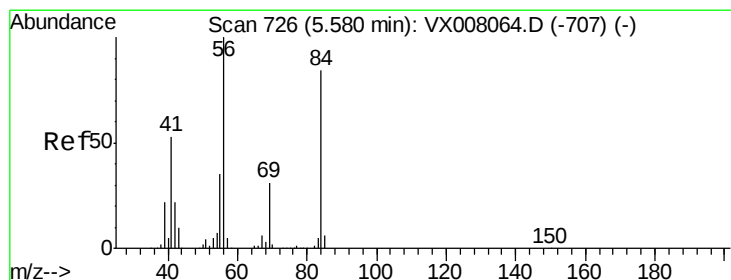
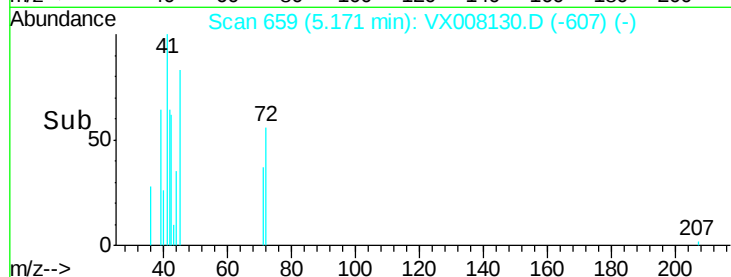
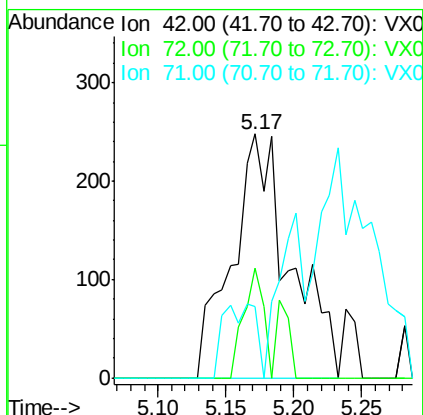
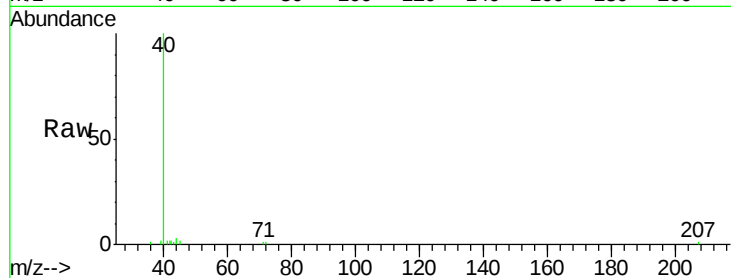




#29
Tetrahydrofuran
Concen: 0.617 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

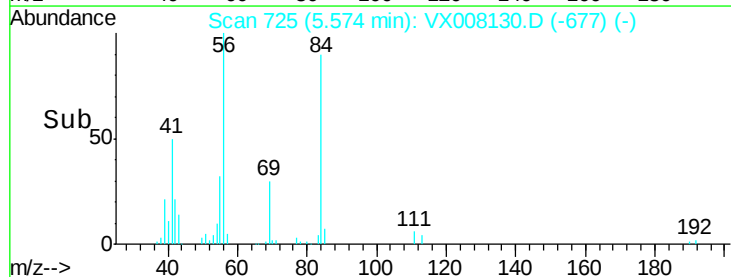
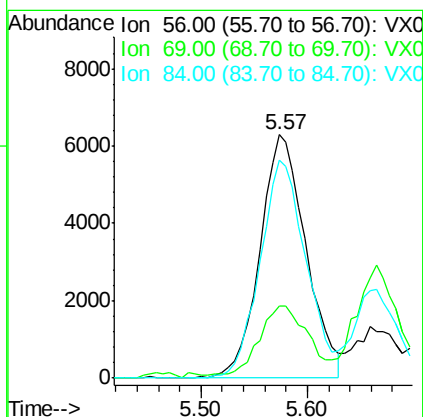
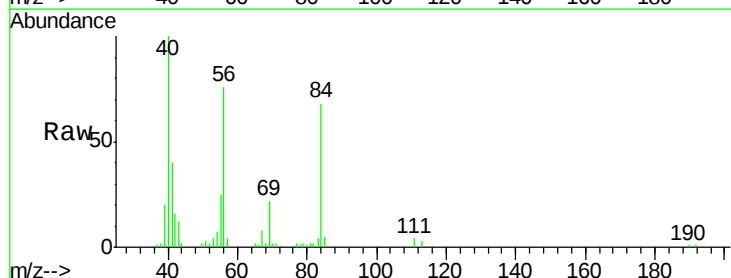
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW12-GW

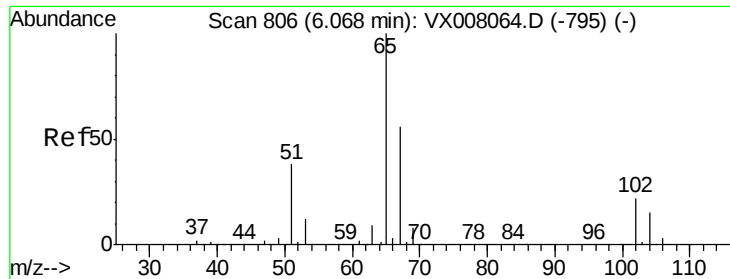
Tot Ion: 42 Resp: 740
Ion Ratio Lower Upper
42 100
72 15.3 33.8 50.6#
71 16.8 31.5 47.3#



#31
Cyclohexane
Concen: 4.970 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

Tgt Ion: 56 Resp: 18827
Ion Ratio Lower Upper
56 100
69 27.6 24.0 36.0
84 89.7 65.3 97.9

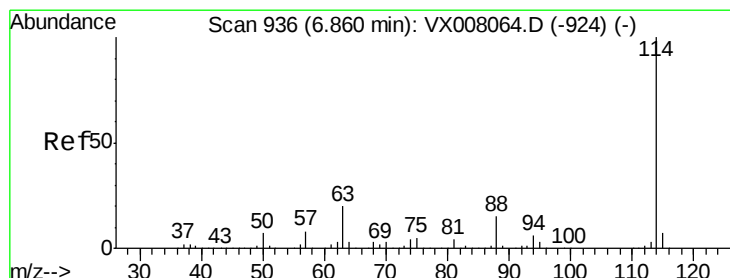
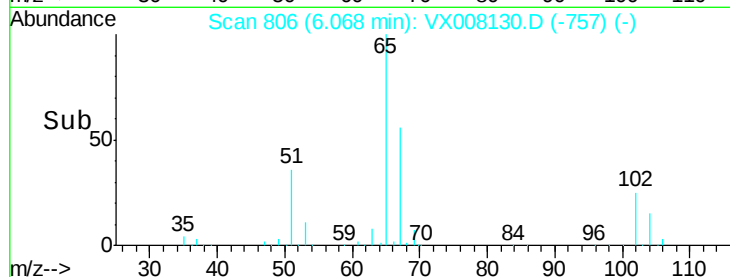
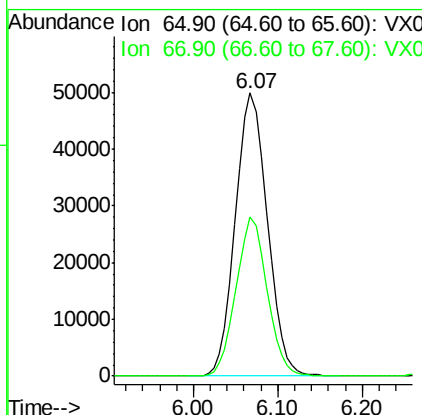
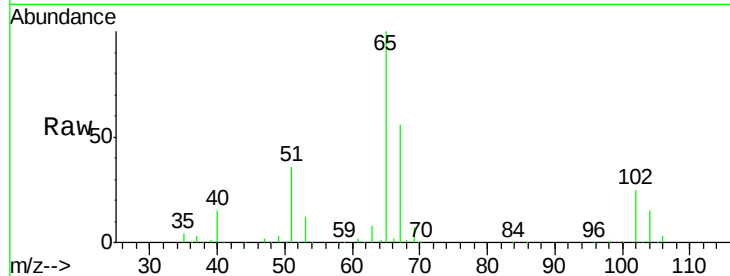




#33
 1,2-Dichloroethane-d4
 Concen: 48.529 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

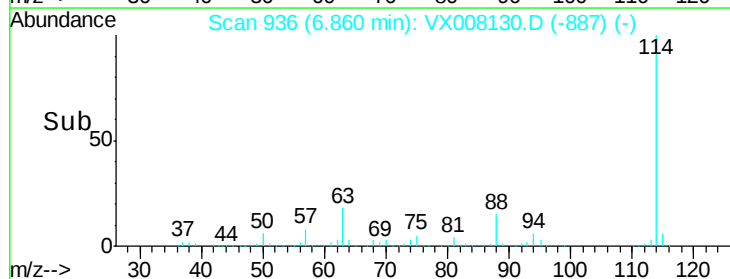
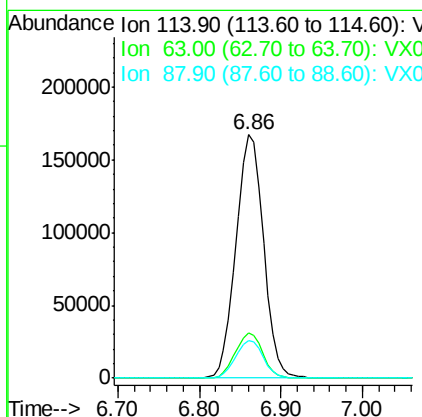
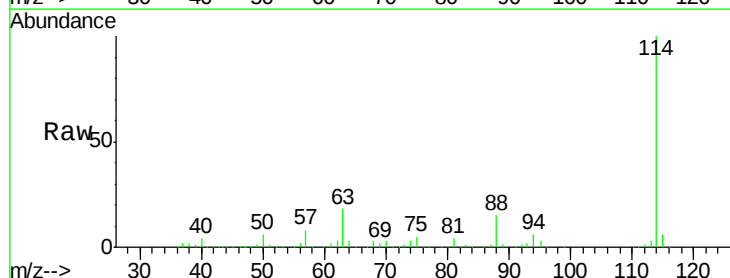
Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW12-GW

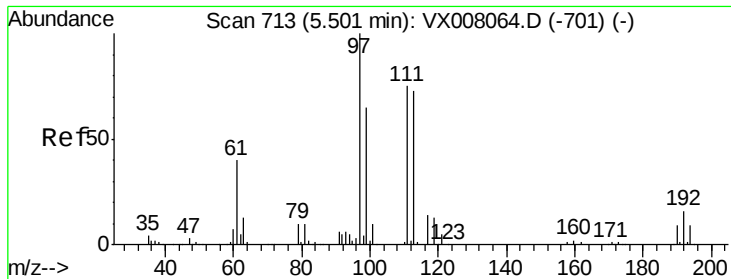
Tot Ion: 65 Resp: 128570
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

Tgt Ion: 114 Resp: 392297
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.8
 88 15.5 0.0 31.4

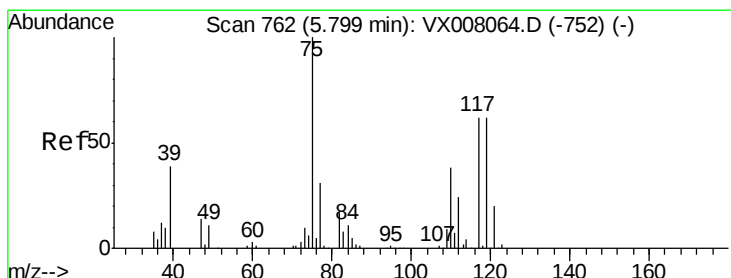
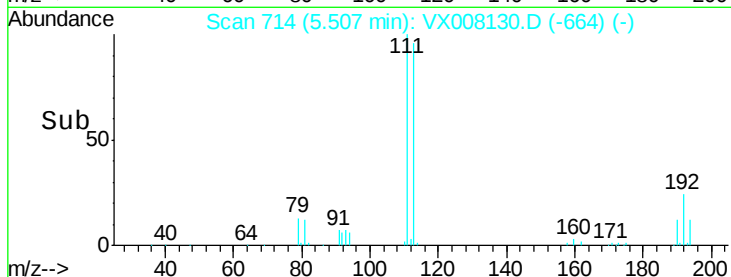
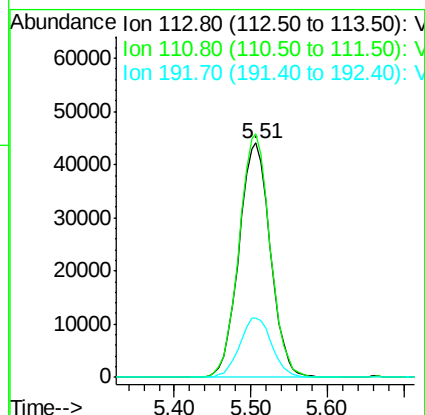
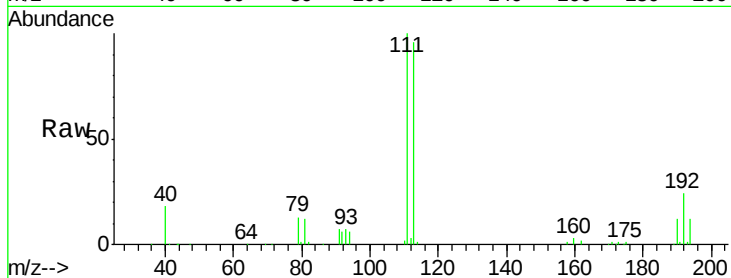




#35
 Dibromofluoromethane
 Concen: 50.499 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

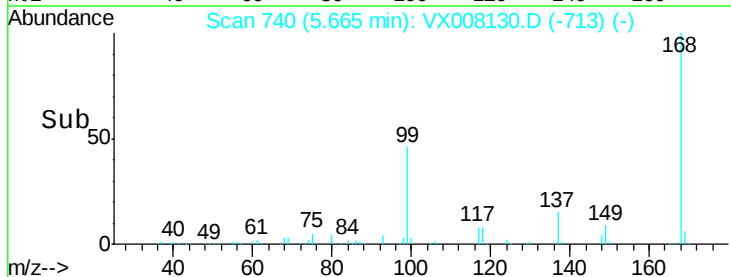
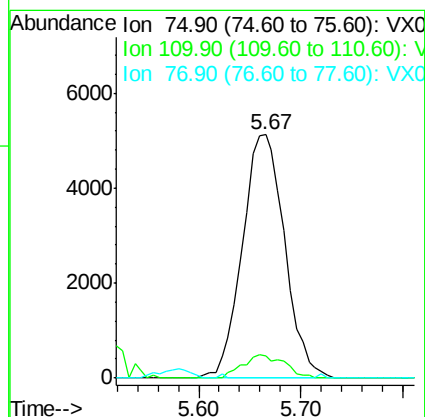
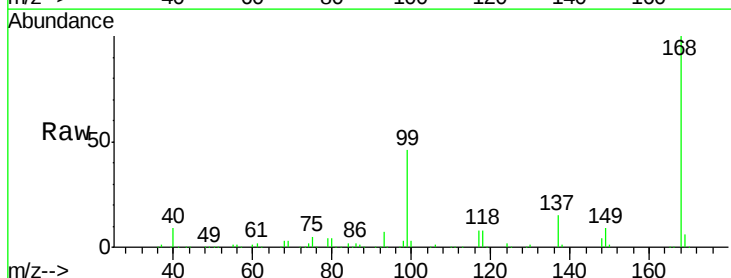
Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW12-GW

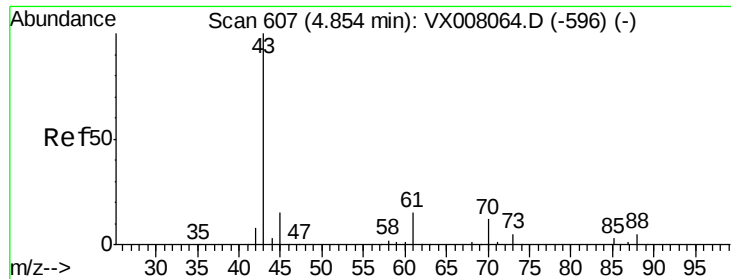
Tot Ion:113 Resp: 125629
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.0
 192 26.0 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 4.571 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

Tgt Ion: 75 Resp: 14753
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.4 55.0#
 77 0.0 25.0 37.4#

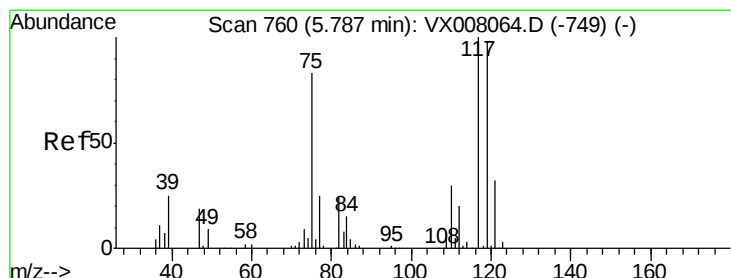
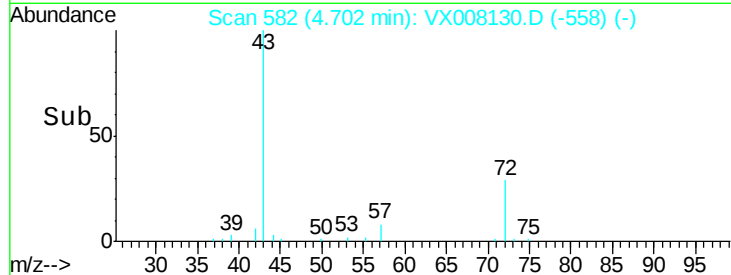
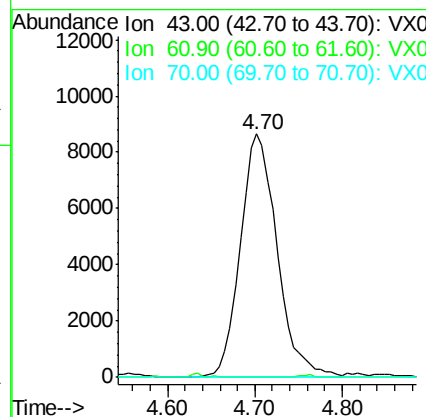
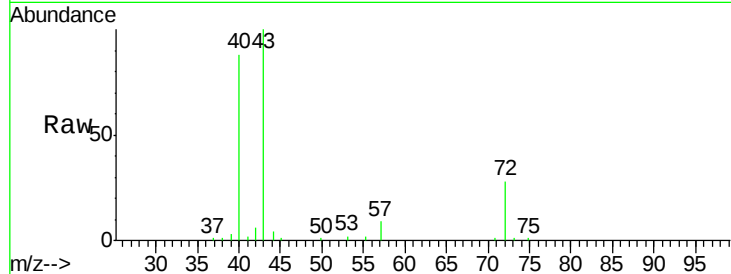




#37
Ethyl Acetate
Concen: 7.305 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.15 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

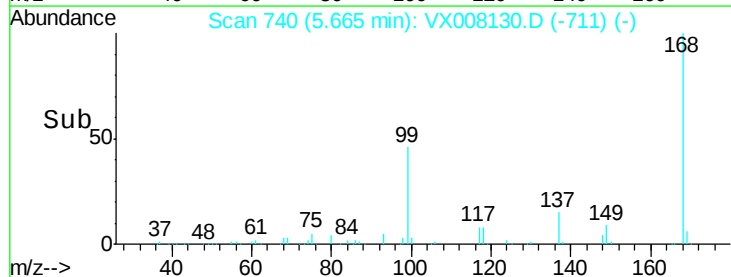
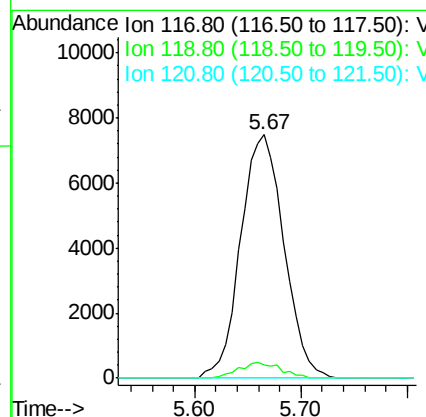
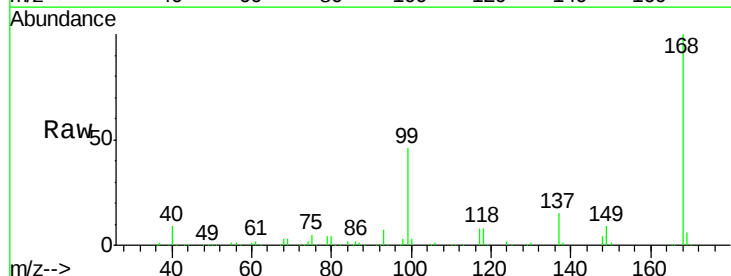
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW12-GW

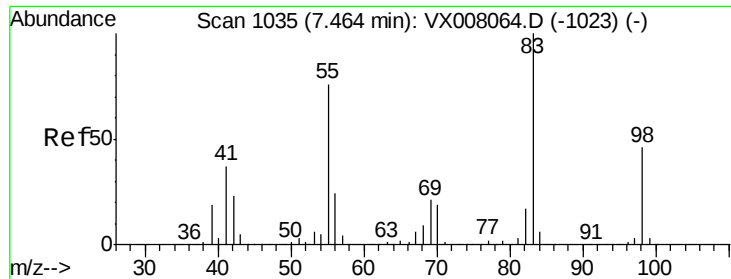
Tot Ion: 43 Resp: 25338
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.867 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

Tgt Ion: 117 Resp: 21333
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.6 36.8#

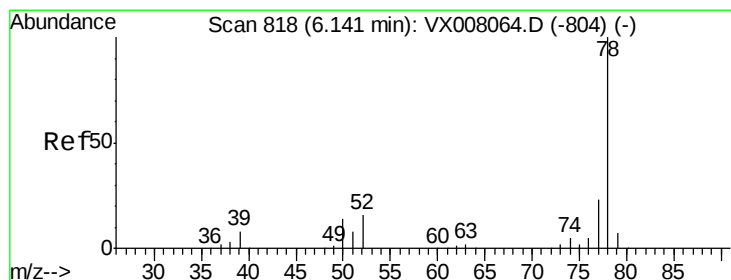
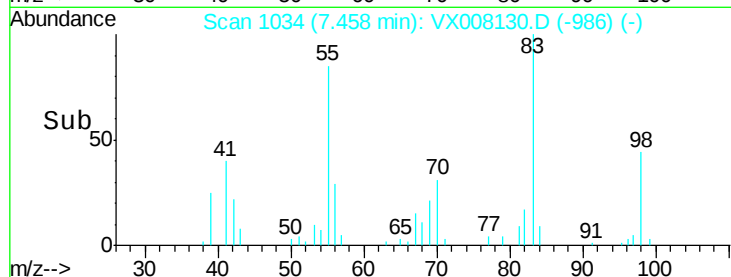
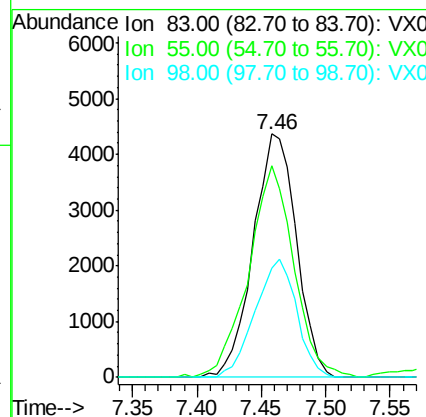
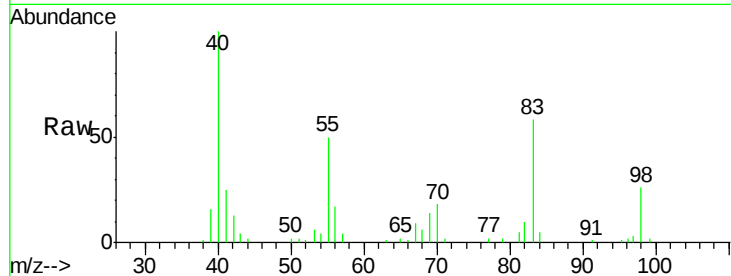




#39
Methvlcvclohexane
Concen: 2.460 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

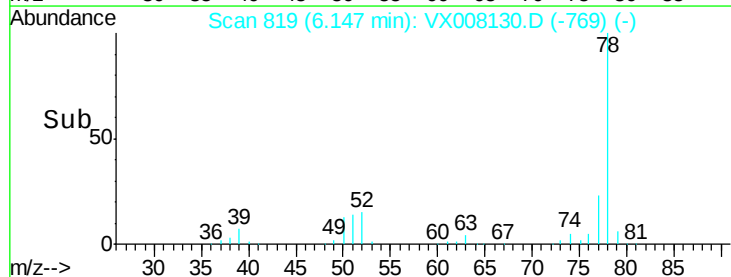
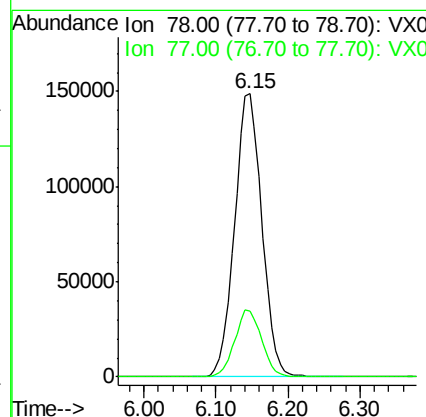
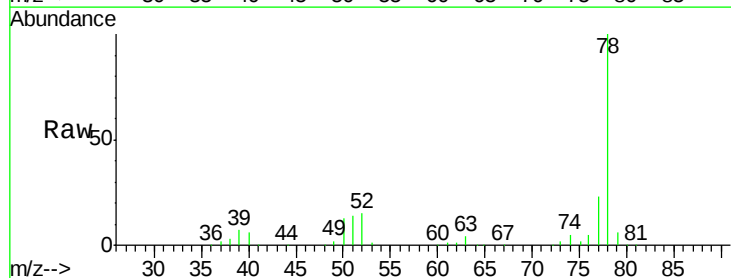
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW12-GW

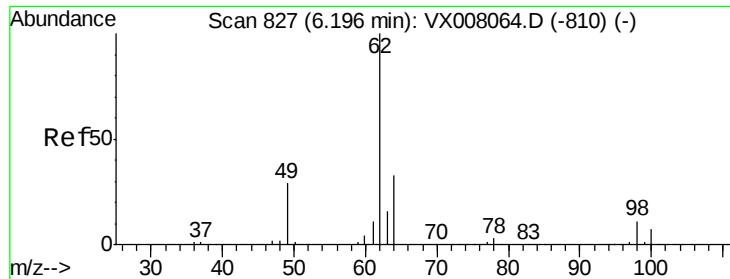
Tot Ion: 83 Resp: 10147
Ion Ratio Lower Upper
83 100
55 86.7 60.4 90.6
98 44.8 36.5 54.7



#40
Benzene
Concen: 39.594 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

Tgt Ion: 78 Resp: 391468
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

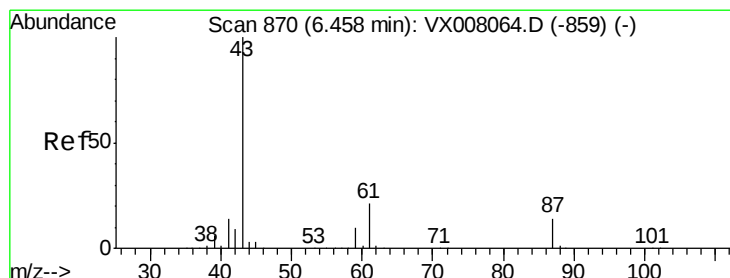
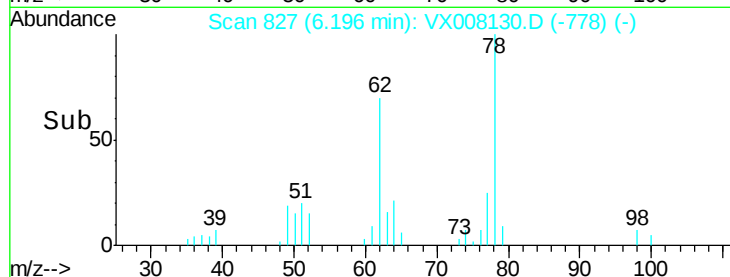
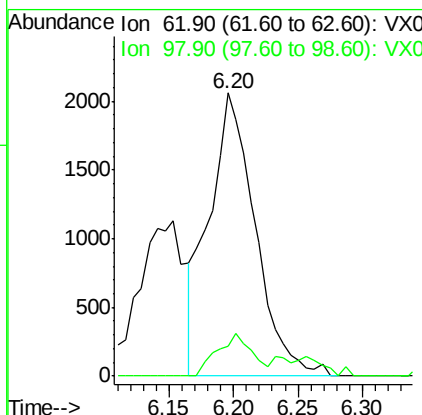
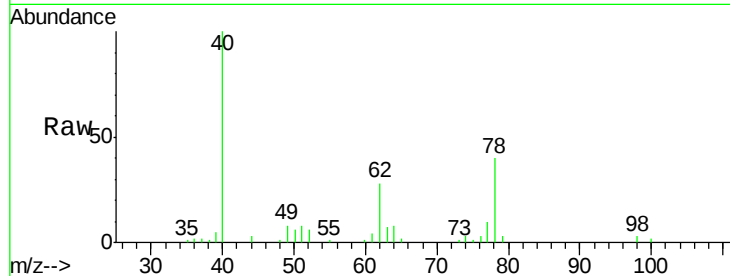




#42
 1,2-Dichloroethane
 Concen: 1.636 ug/l
 RT: 6.20 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

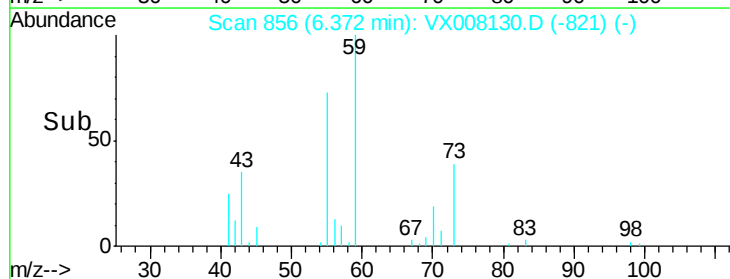
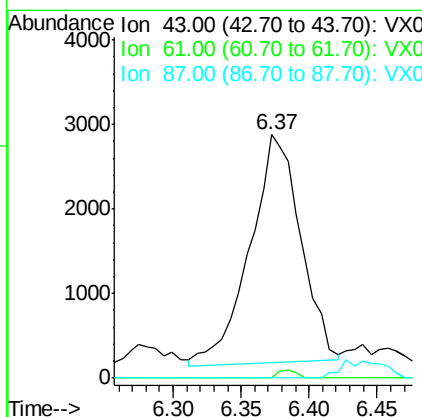
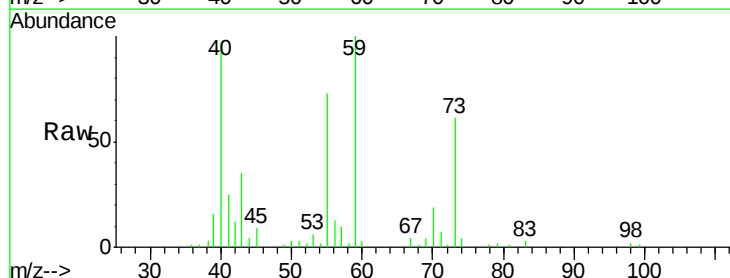
Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW12-GW

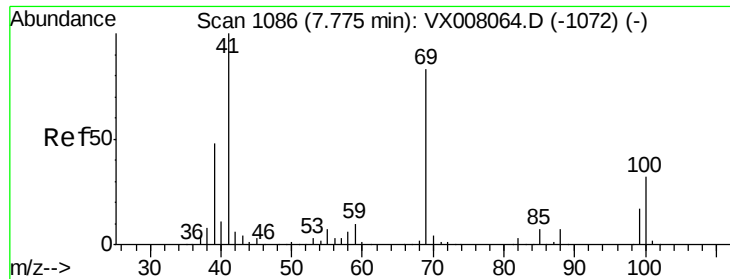
Tot Ion: 62 Resp: 5174
 Ion Ratio Lower Upper
 62 100
 98 11.4 0.0 20.4



#43
 Isopropyl Acetate
 Concen: 1.254 ug/l
 RT: 6.37 min Scan# 856
 Delta R.T. -0.09 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

Tgt Ion: 43 Resp: 7006
 Ion Ratio Lower Upper
 43 100
 61 1.2 16.3 24.5#
 87 0.0 10.5 15.7#

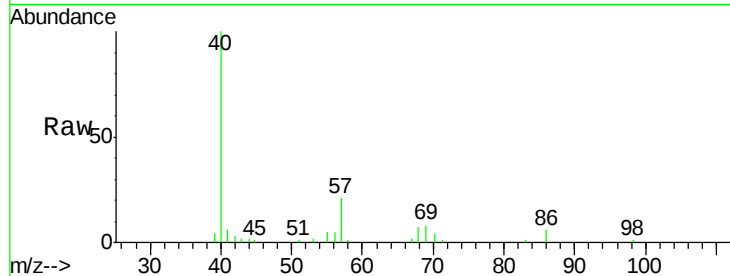




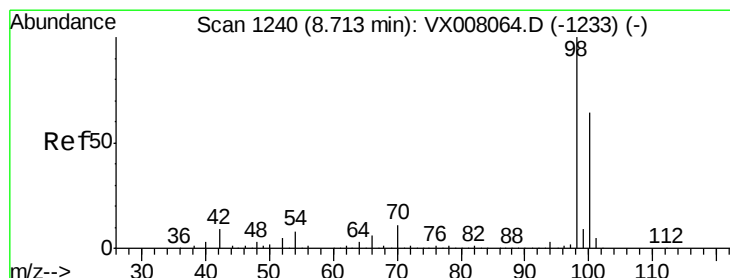
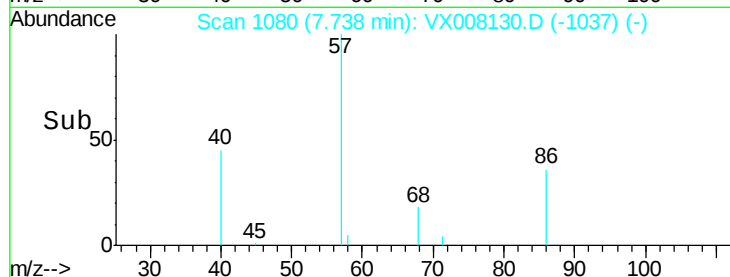
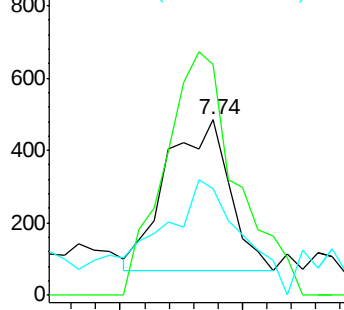
#48
Methvl methacrylate
Concen: 0.259 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.04 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW12-GW

Tot Ion: 41 Resp: 755
Ion Ratio Lower Upper
41 100
69 183.0 65.2 97.8#
39 108.1 39.4 59.2#

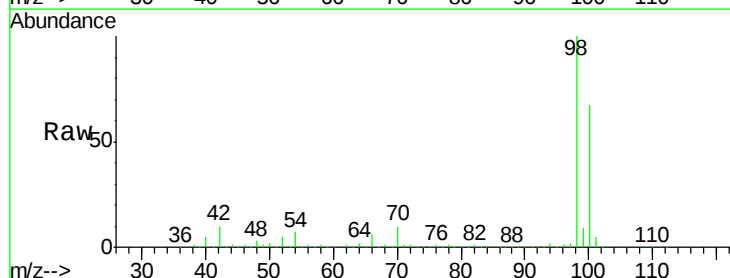


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

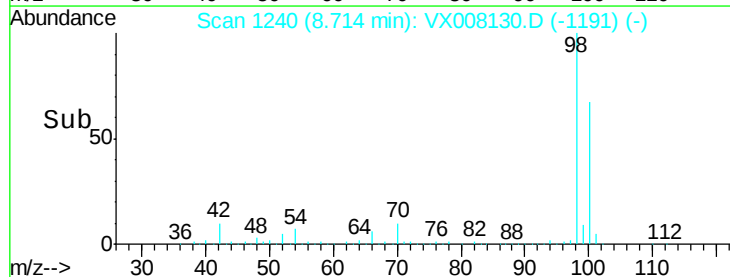
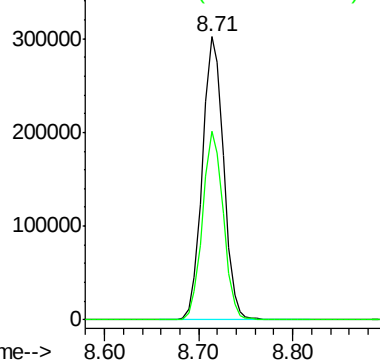


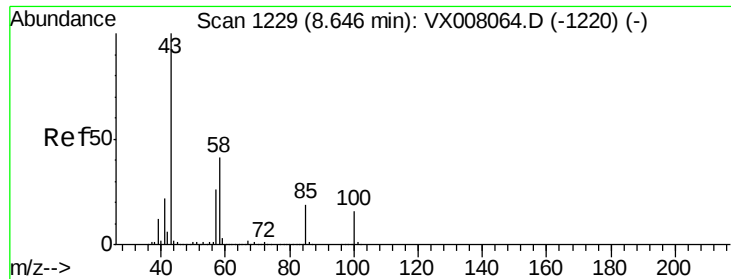
#50
Toluene-d8
Concen: 49.892 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

Tgt Ion: 98 Resp: 472061
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



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

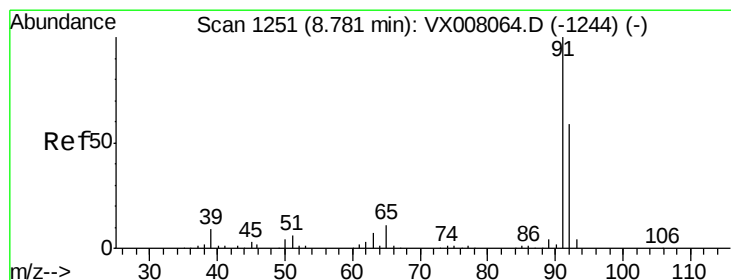
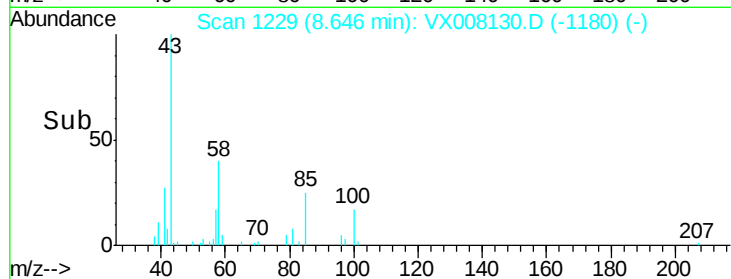
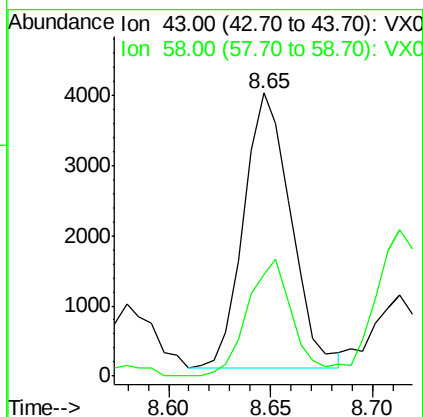
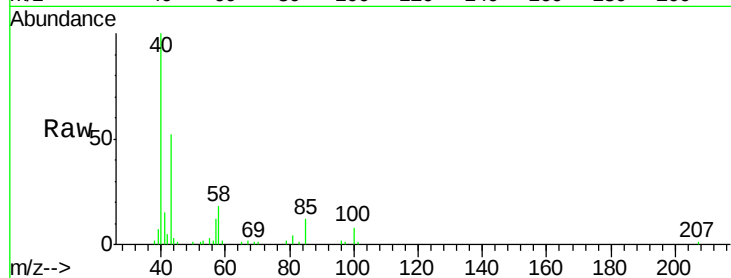




#51
 4-Methyl-2-Pentanone
 Concen: 1.719 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

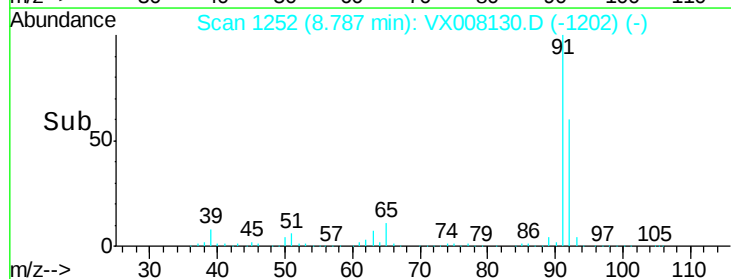
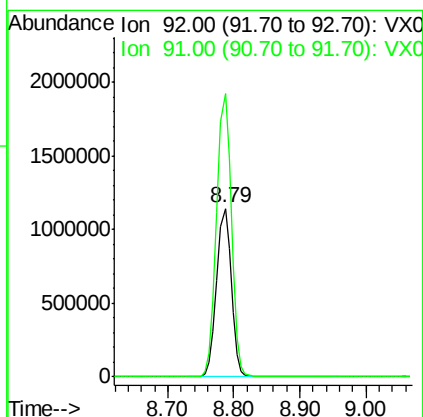
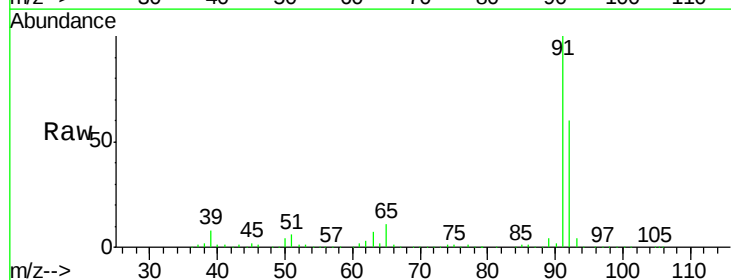
Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW12-GW

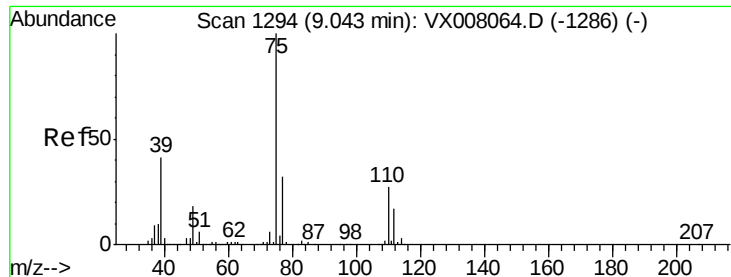
Tot Ion: 43 Resp: 6327
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.3 46.9



#52
 Toluene
 Concen: 279.058 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

Tgt Ion: 92 Resp: 1753784
 Ion Ratio Lower Upper
 92 100
 91 169.8 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 5.390 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.26 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

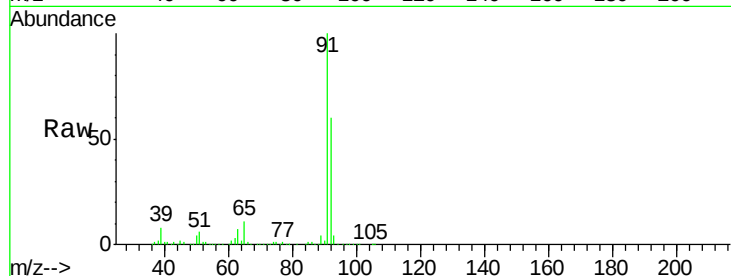
RFK-RMAB-MW12-GW

Tot Ion: 75 Resp: 18372

Ion Ratio Lower Upper

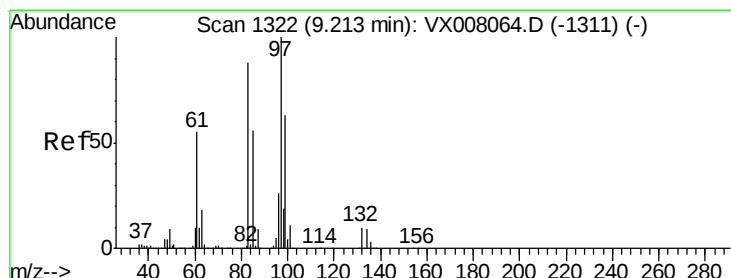
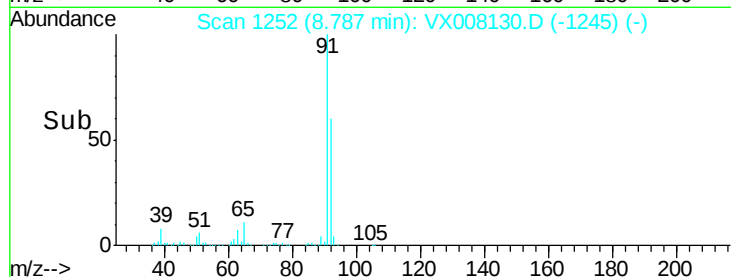
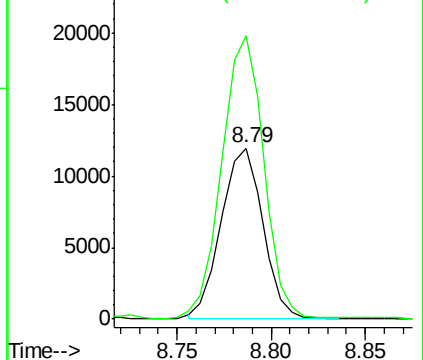
75 100

77 164.5 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#55

1,1,2-Trichloroethane

Concen: 0.481 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Tgt Ion: 97 Resp: 1232

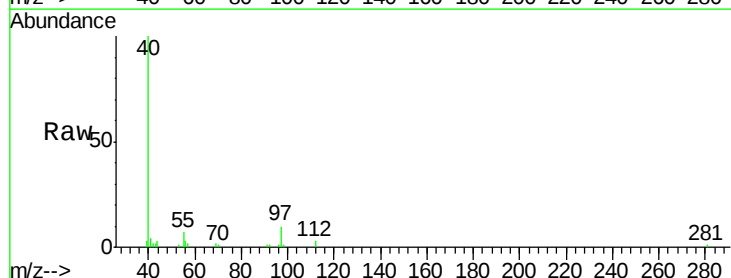
Ion Ratio Lower Upper

97 100

83 0.0 69.1 103.7#

85 0.0 44.3 66.5#

99 0.0 49.8 74.8#

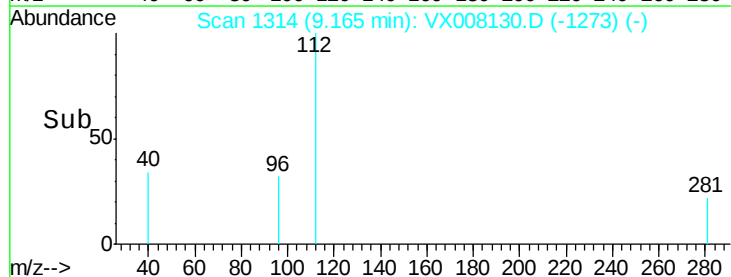
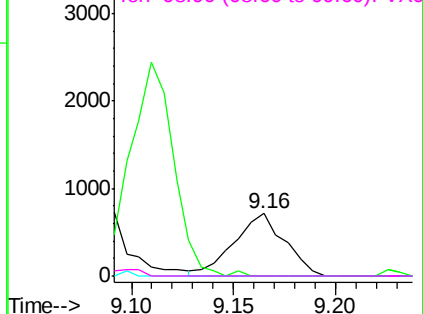


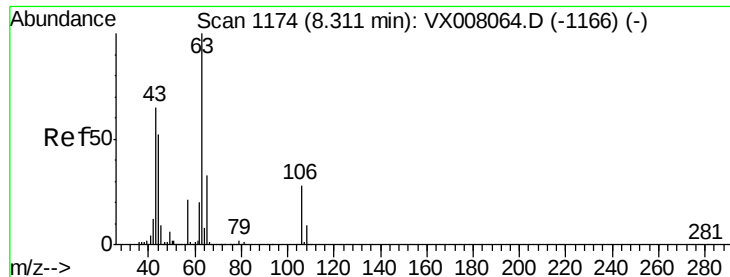
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

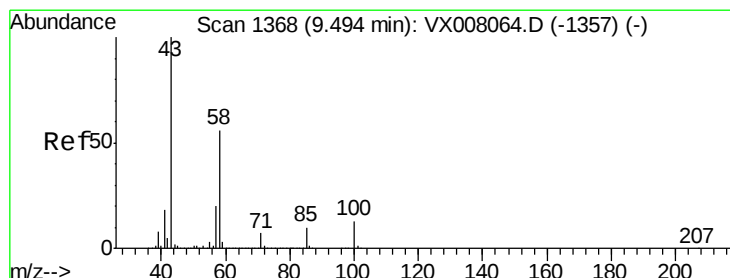
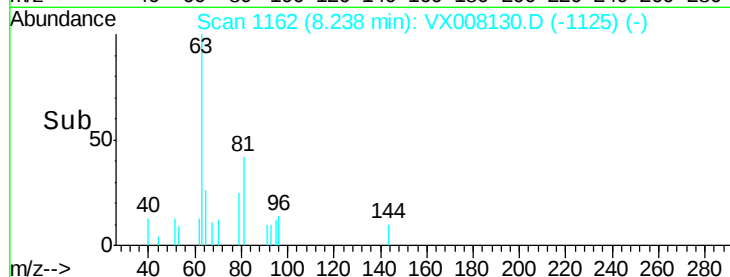
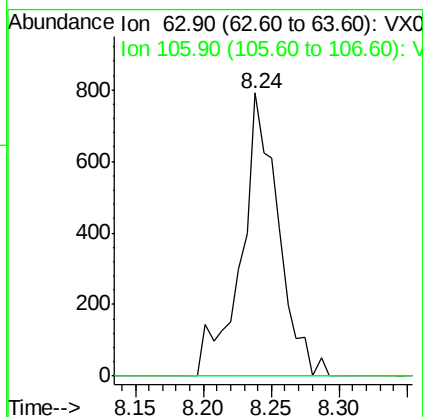
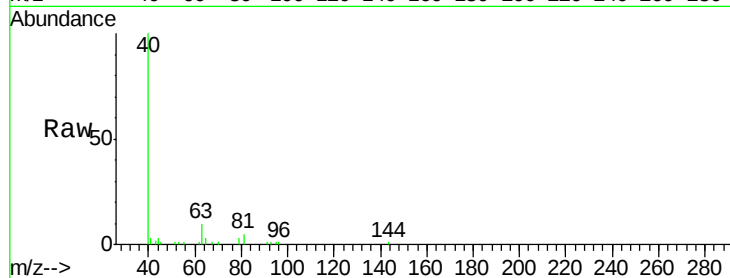




#58
2-Chloroethyl Vinyl ether
Concen: 0.678 ug/l
RT: 8.24 min Scan# 1162
Delta R.T. -0.07 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

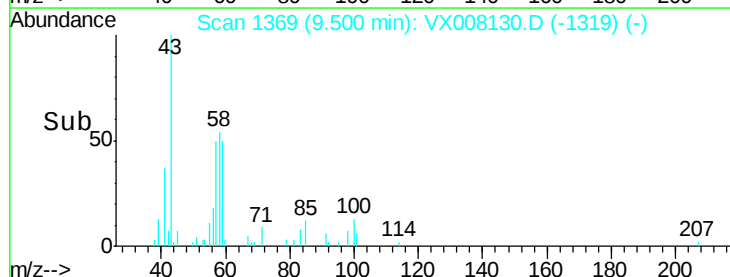
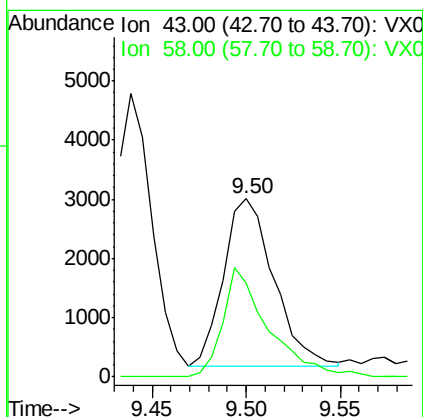
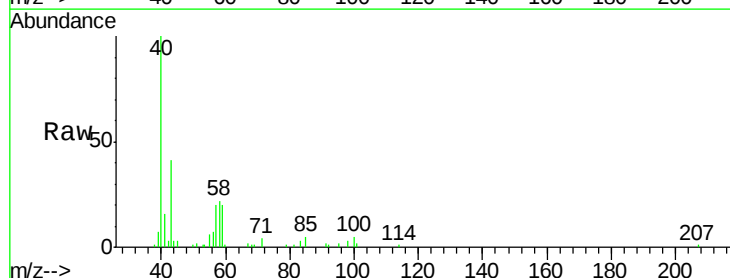
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW12-GW

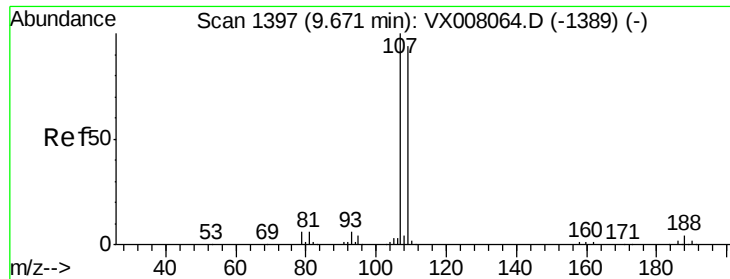
Tot Ion: 63 Resp: 1507
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 1.816 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

Tgt Ion: 43 Resp: 5229
Ion Ratio Lower Upper
43 100
58 59.4 27.6 82.7





#61

1,2-Dibromoethane

Concen: 0.352 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

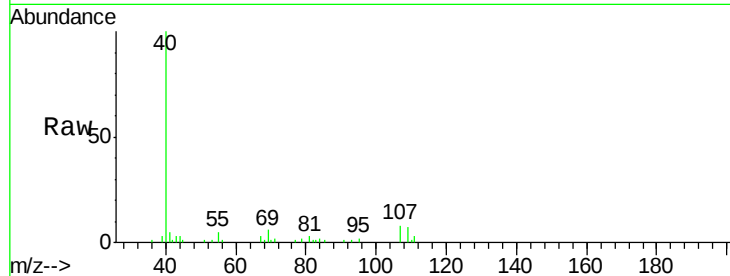
RFK-RMAB-MW12-GW

Tot Ion:107 Resp: 943

Ion Ratio Lower Upper

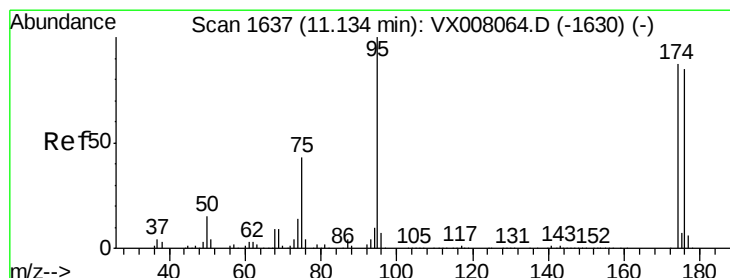
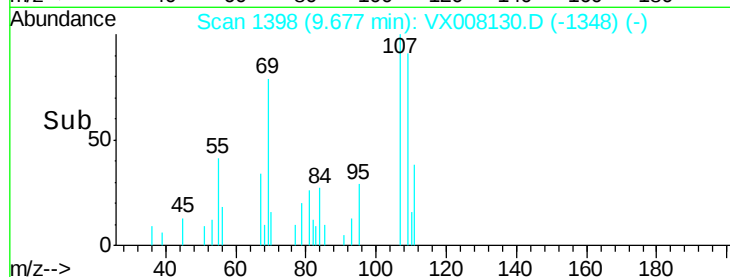
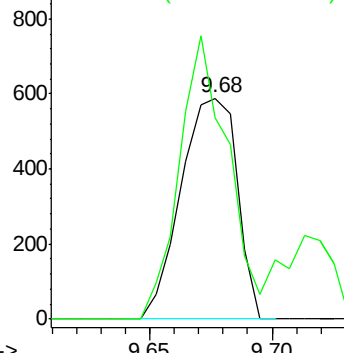
107 100

109 110.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.415 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

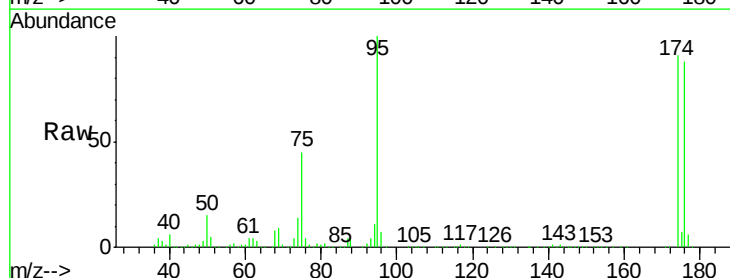
Tgt Ion: 95 Resp: 177659

Ion Ratio Lower Upper

95 100

174 97.3 0.0 182.8

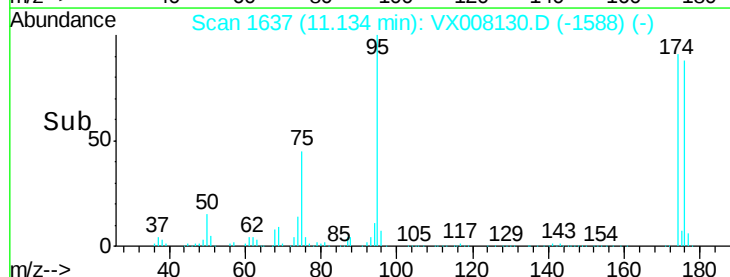
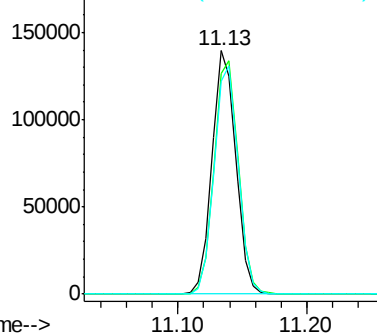
176 94.6 0.0 178.0

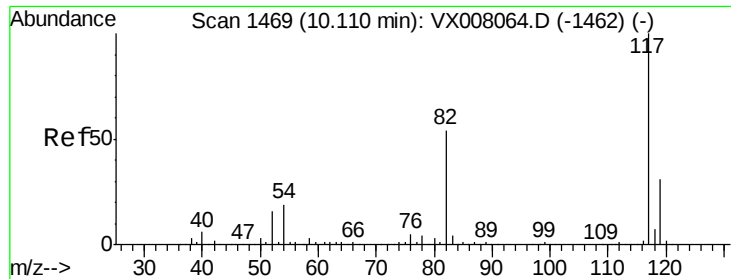


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

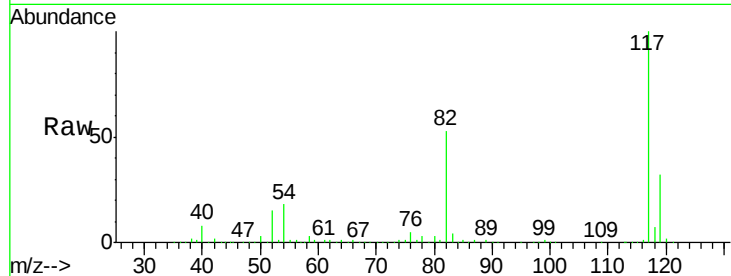




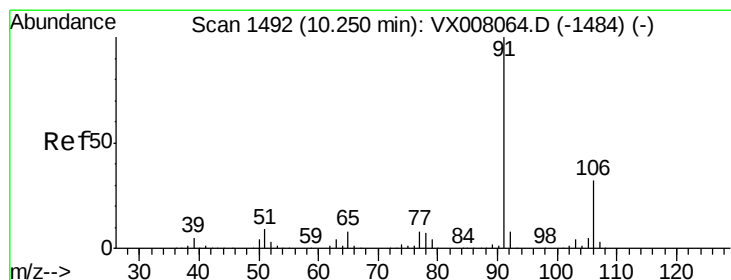
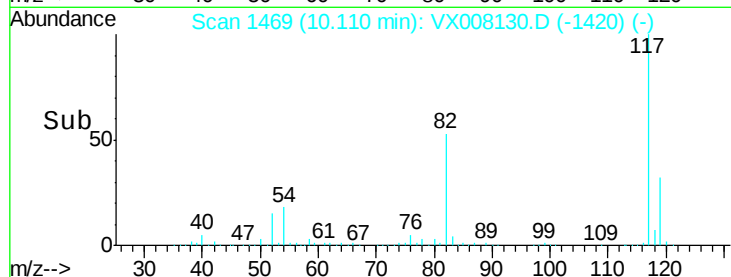
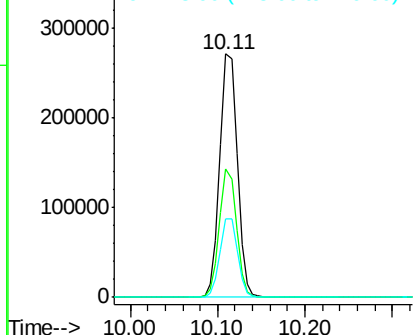
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW12-GW

Tot Ion:117 Resp: 377155
Ion Ratio Lower Upper
117 100
82 52.5 44.3 66.5
119 32.1 25.3 37.9

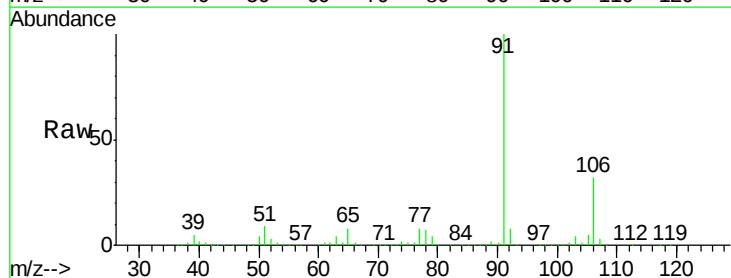


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

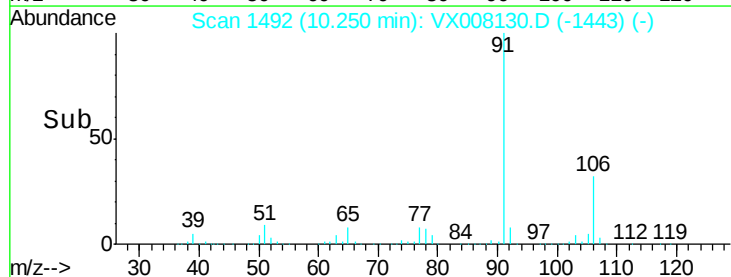
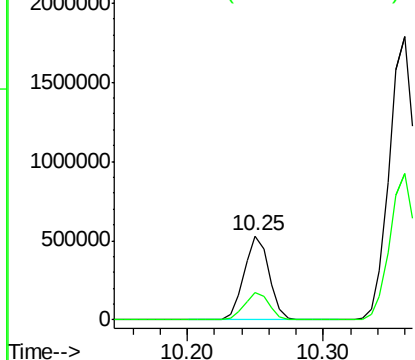


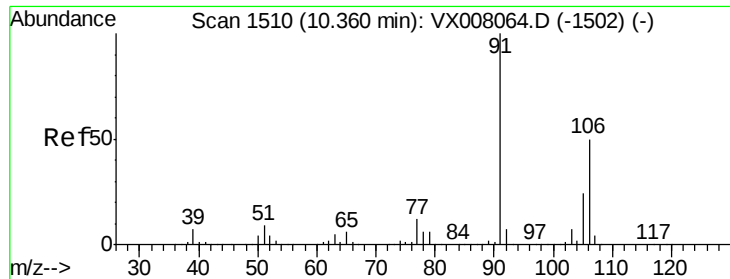
#67
Ethyl Benzene
Concen: 55.290 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

Tgt Ion: 91 Resp: 684938
Ion Ratio Lower Upper
91 100
106 32.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

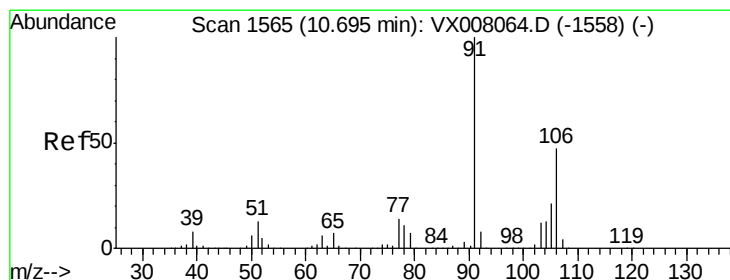
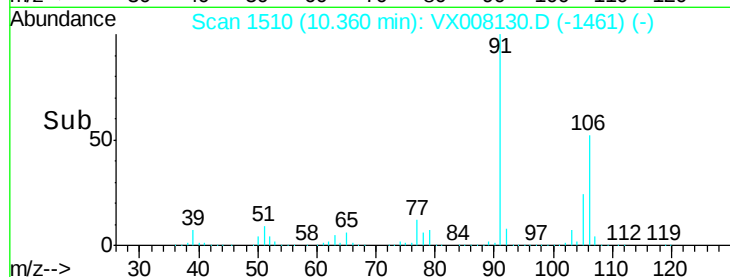
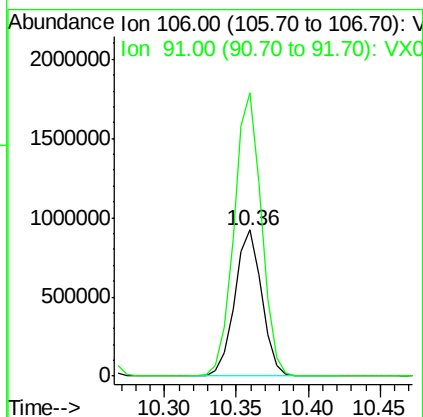
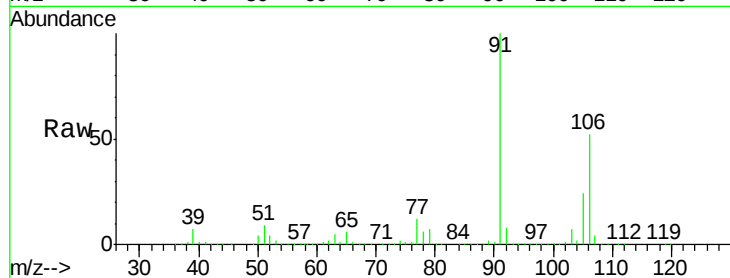




#68
m/p-Xvlenes
Concen: 254.722 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

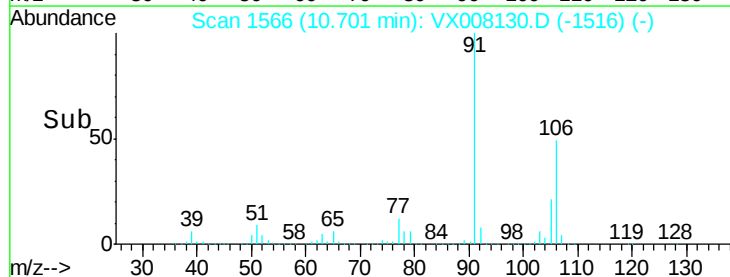
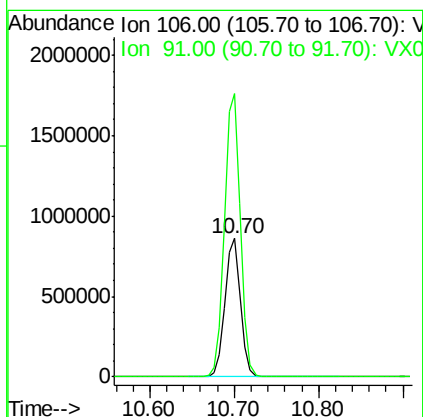
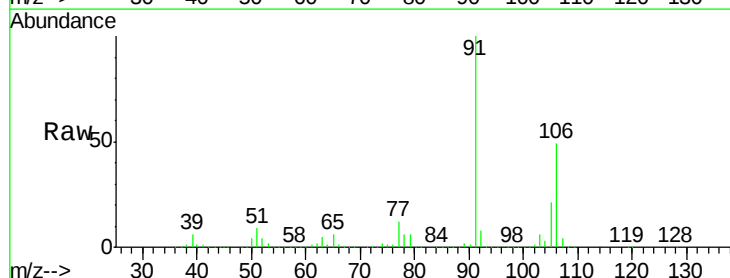
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW12-GW

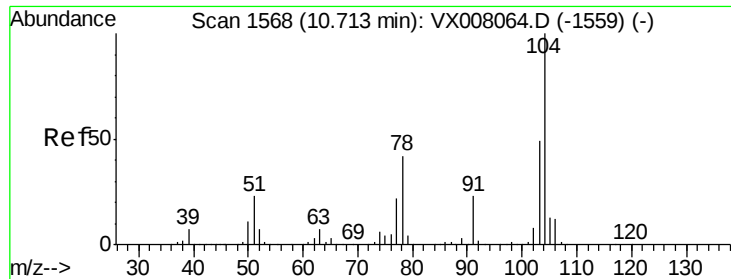
Tot Ion:106 Resp: 1207466
Ion Ratio Lower Upper
106 100
91 196.5 159.8 239.6



#69
o-Xylene
Concen: 238.117 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

Tgt Ion:106 Resp: 1100356
Ion Ratio Lower Upper
106 100
91 208.4 106.3 318.9





#70

Stvrene

Concen: 7.842 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW12-GW

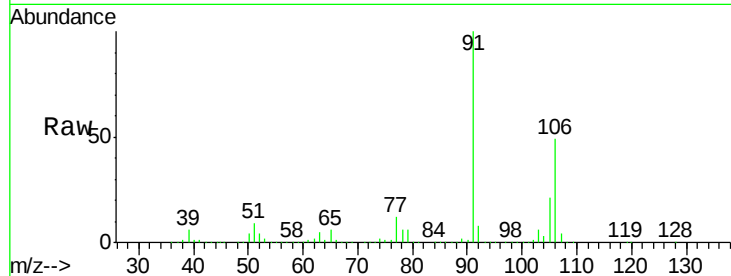
Tot Ion:104 Resp: 59364

Ion Ratio Lower Upper

104 100

78 245.8 38.5 57.7#

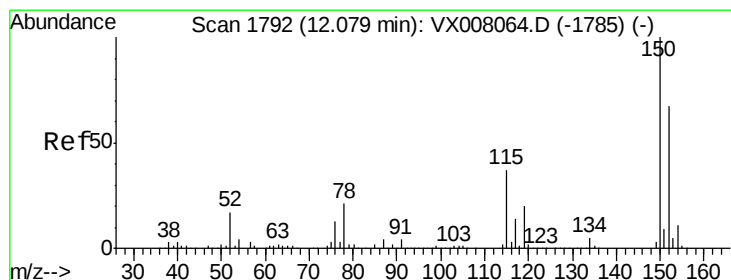
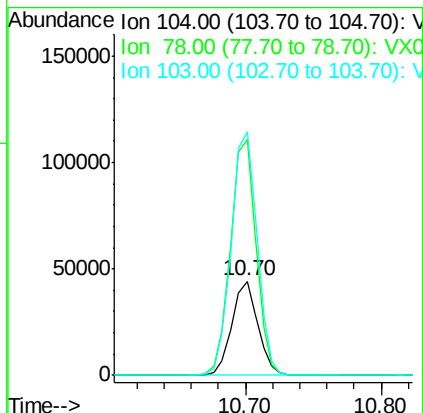
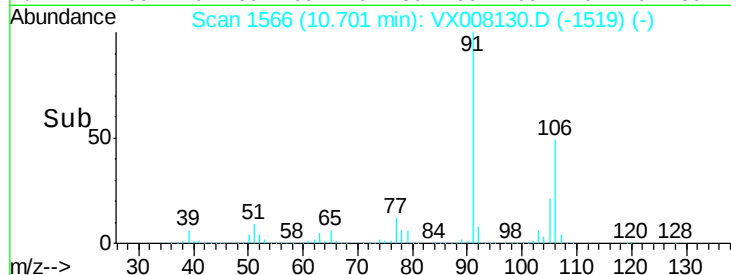
103 256.2 44.1 66.1#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): 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: VX008130.D

Acq: 16 Mar 2019 02:11

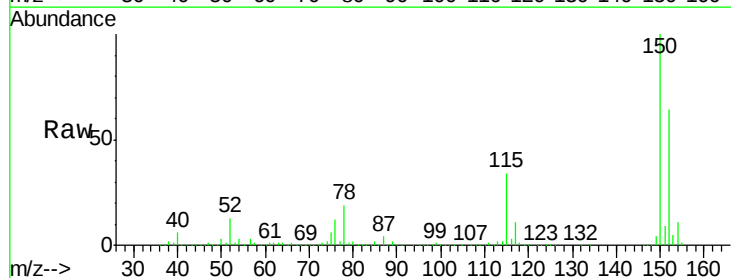
Tgt Ion:152 Resp: 194792

Ion Ratio Lower Upper

152 100

115 53.8 38.6 115.7

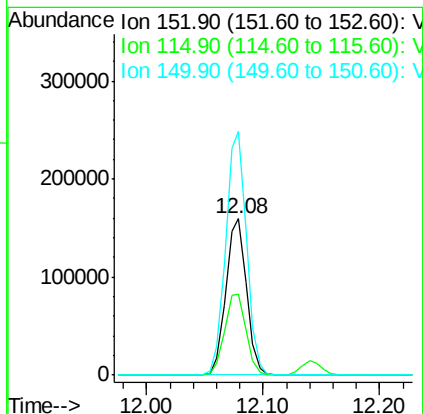
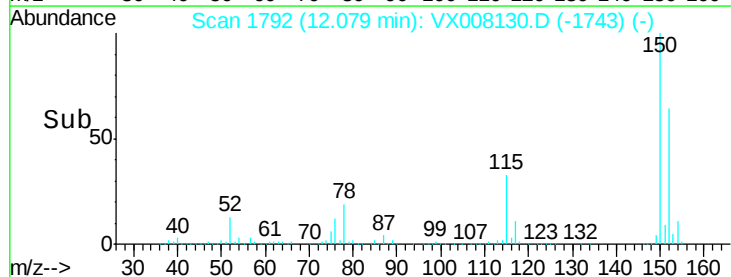
150 157.1 0.0 348.4

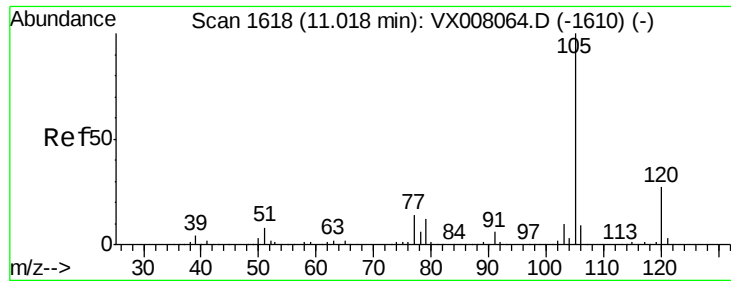


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.038 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

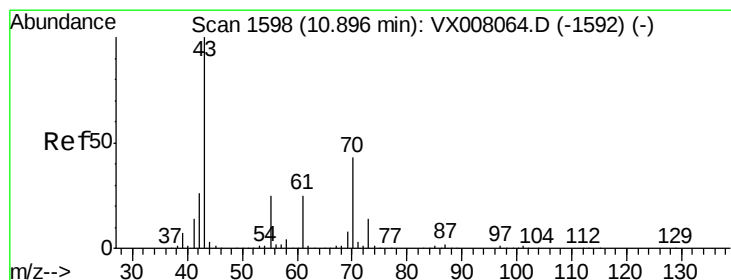
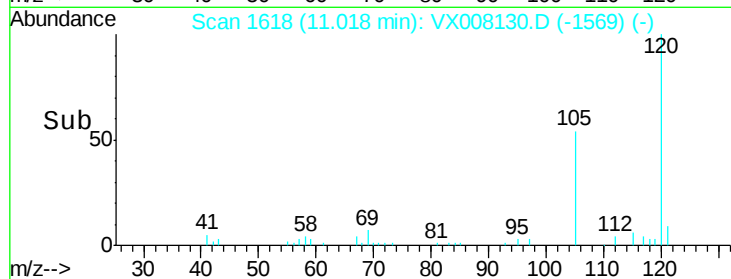
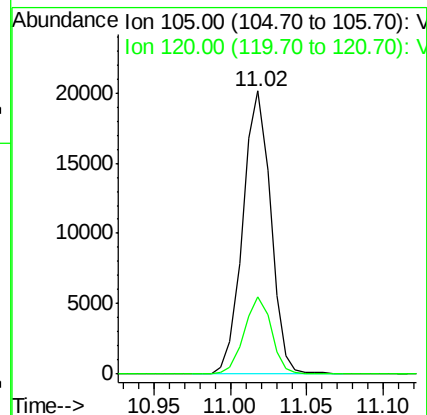
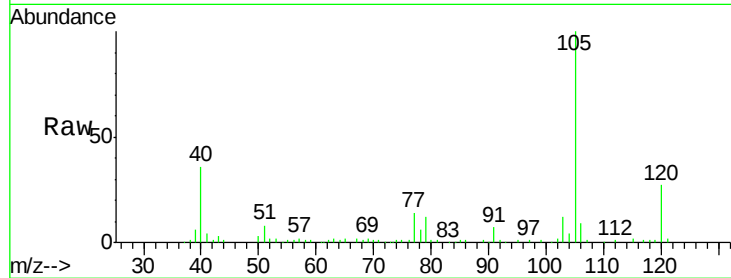
RFK-RMAB-MW12-GW

Tot Ion:105 Resp: 25421

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 0.764 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Tgt Ion: 43 Resp: 4020

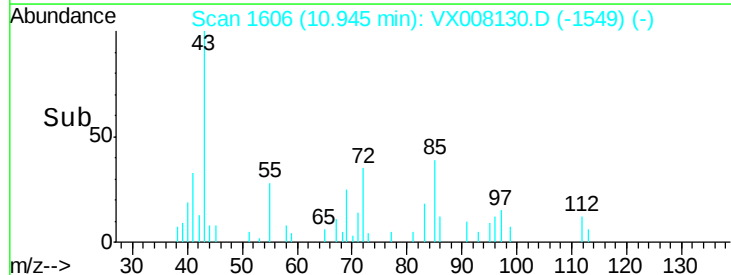
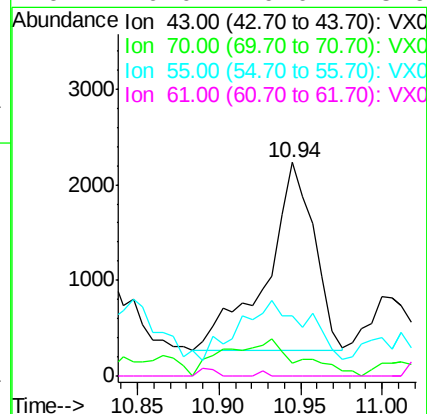
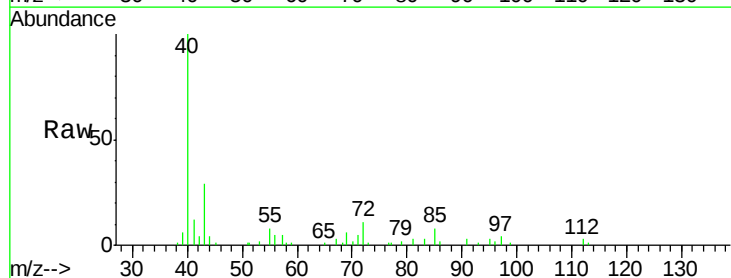
Ion Ratio Lower Upper

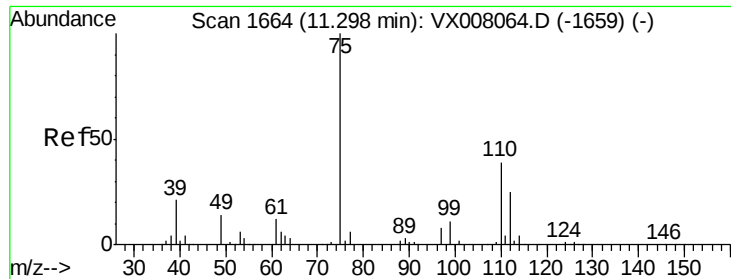
43 100

70 30.0 33.5 50.3#

55 44.1 19.2 28.8#

61 0.0 19.0 28.6#

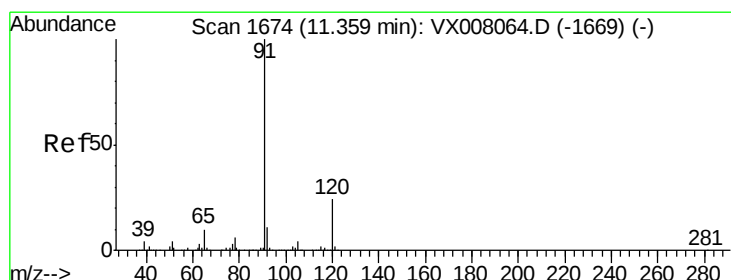
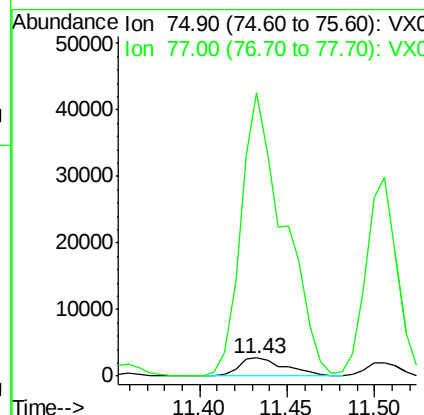
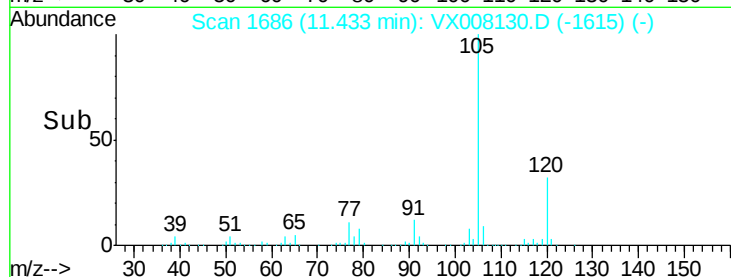
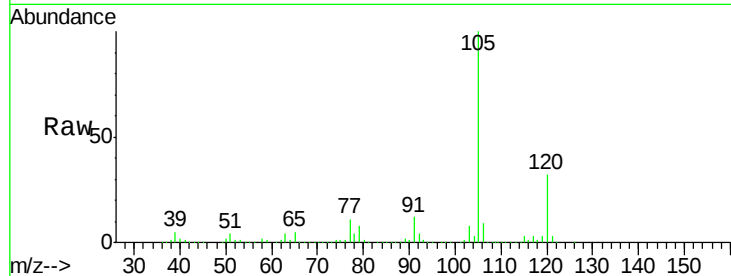




#76
 1,2,3-Trichloropropane
 Concen: 1.536 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.13 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

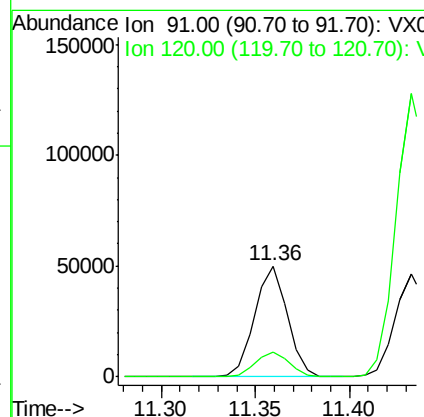
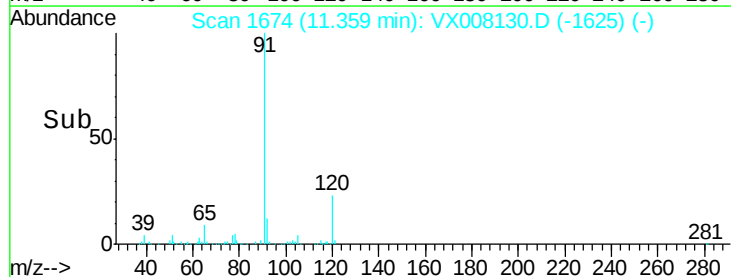
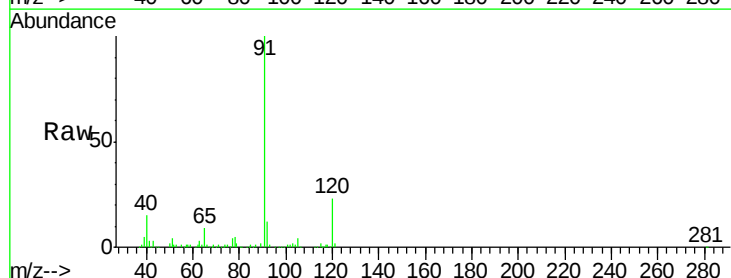
Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW12-GW

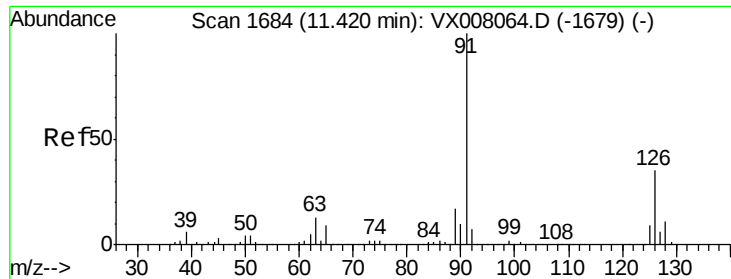
Tot Ion: 75 Resp: 5196
 Ion Ratio Lower Upper
 75 100
 77 1400.8 18.9 56.7#



#78
 n-propylbenzene
 Concen: 4.406 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

Tgt Ion: 91 Resp: 60306
 Ion Ratio Lower Upper
 91 100
 120 23.5 12.0 36.0

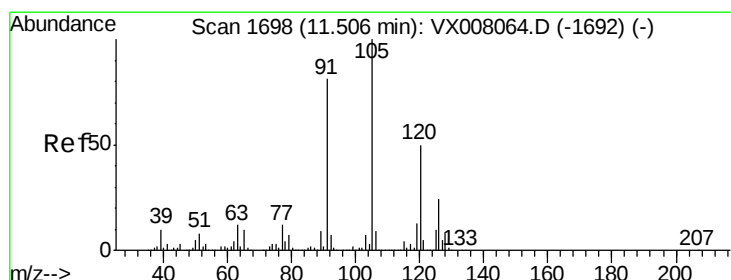
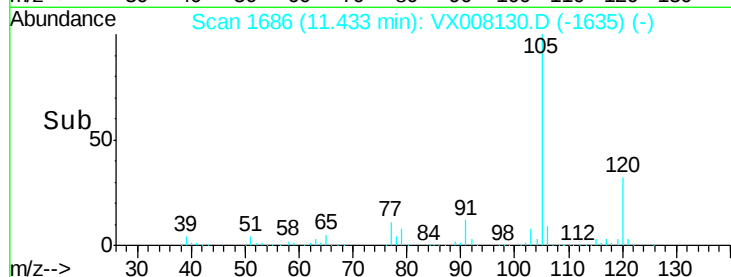
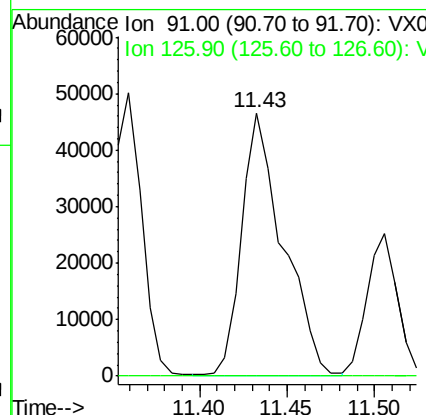
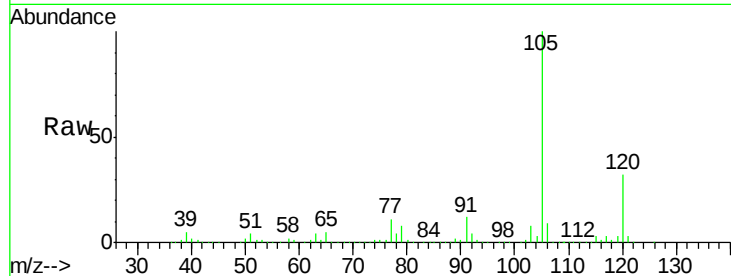




#79
 2-Chlorotoluene
 Concen: 9.200 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

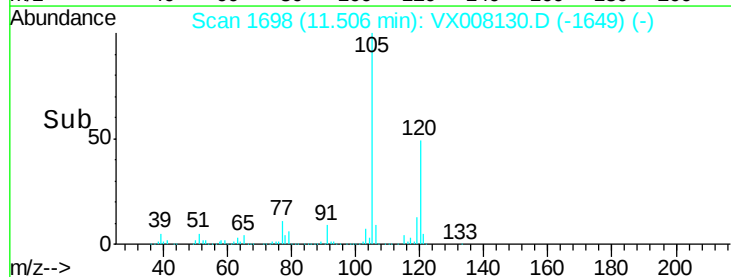
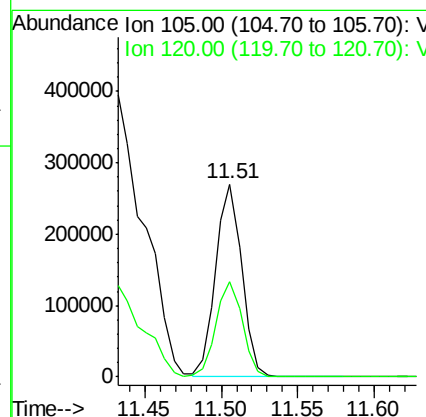
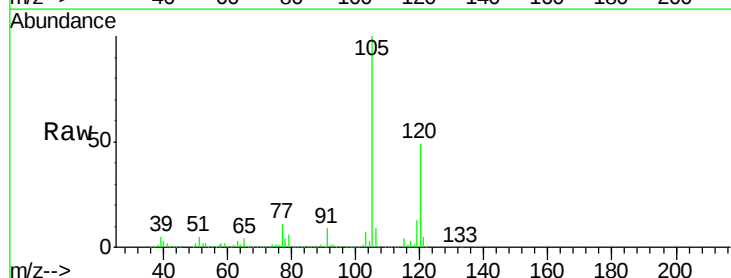
Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW12-GW

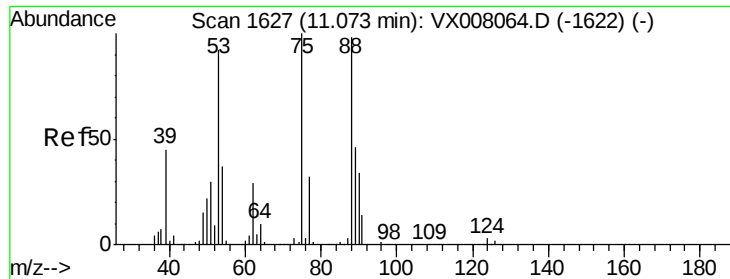
Tot Ion: 91 Resp: 76904
 Ion Ratio Lower Upper
 91 100
 126 0.1 17.5 52.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 31.322 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008130.D
 Acq: 16 Mar 2019 02:11

Tgt Ion: 105 Resp: 322010
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 66.683 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW12-GW

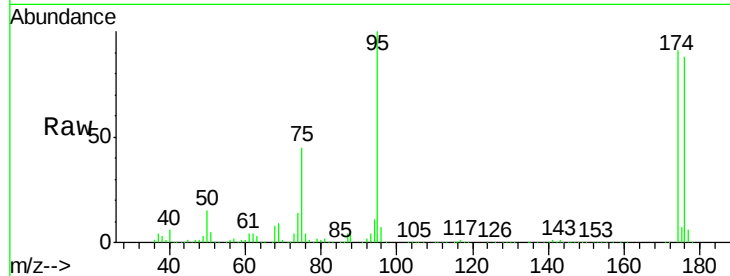
Tot Ion: 75 Resp: 79274

Ion Ratio Lower Upper

75 100

53 0.4 76.1 114.1#

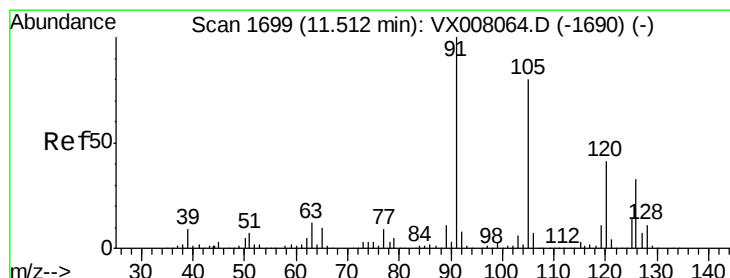
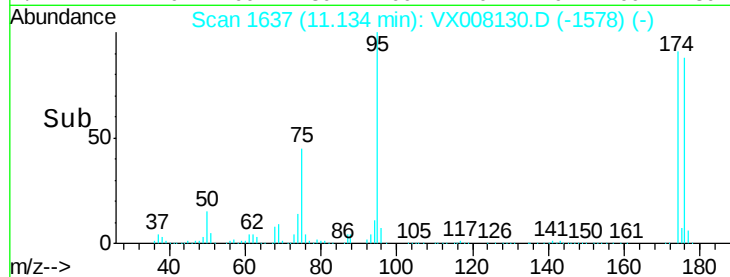
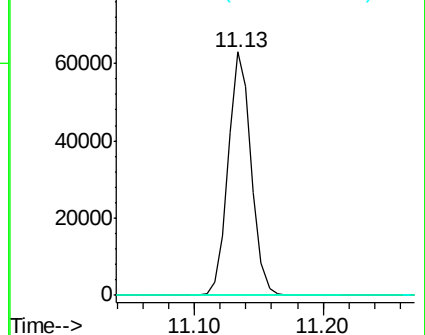
89 0.0 36.3 54.5#



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



#82

4-Chlorotoluene

Concen: 3.168 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008130.D

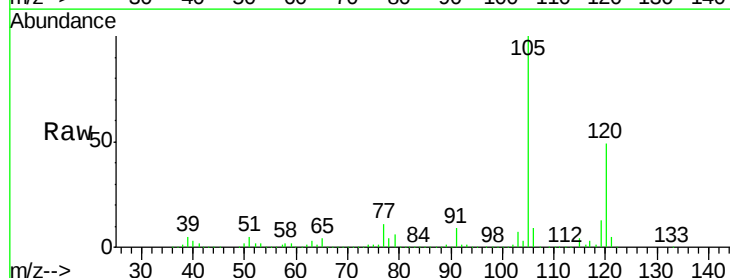
Acq: 16 Mar 2019 02:11

Tgt Ion: 91 Resp: 30326

Ion Ratio Lower Upper

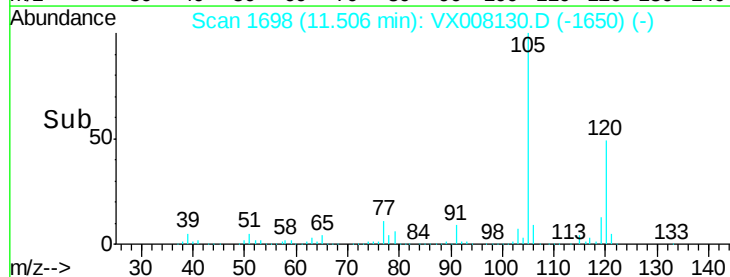
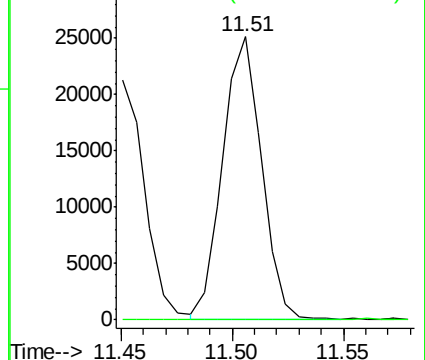
91 100

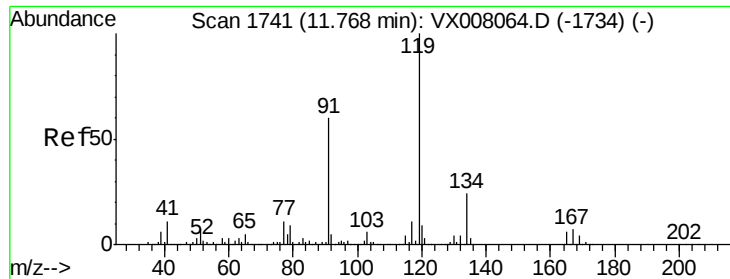
126 0.0 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 8.084 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW12-GW

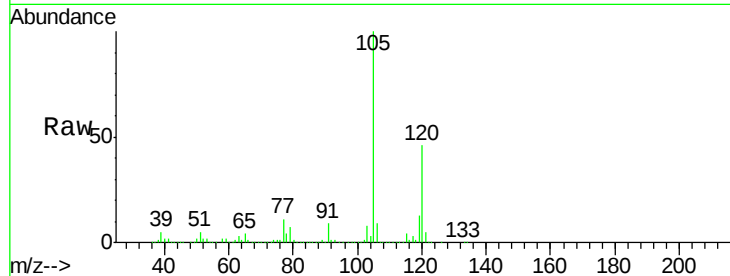
Tot Ion:119 Resp: 83281

Ion Ratio Lower Upper

119 100

91 73.0 27.1 81.3

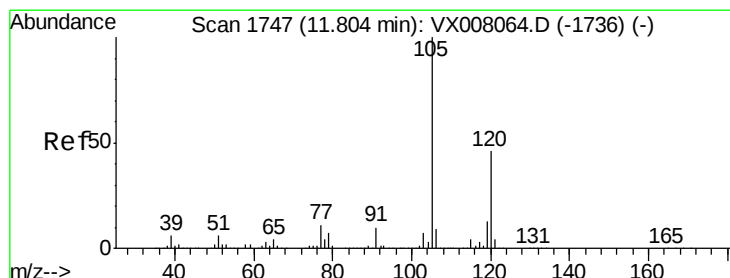
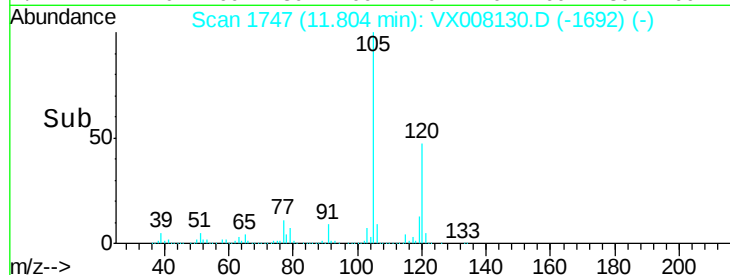
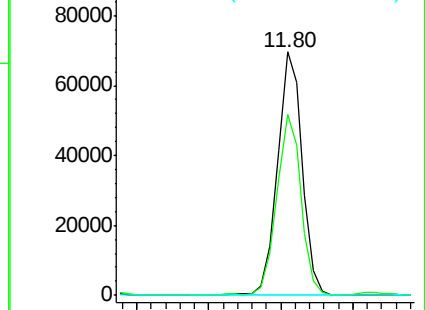
134 0.0 11.4 34.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 60.706 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008130.D

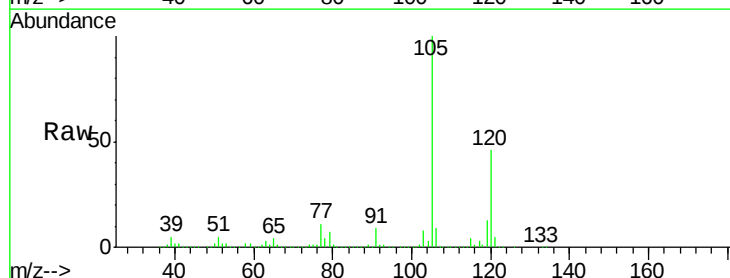
Acq: 16 Mar 2019 02:11

Tgt Ion:105 Resp: 643753

Ion Ratio Lower Upper

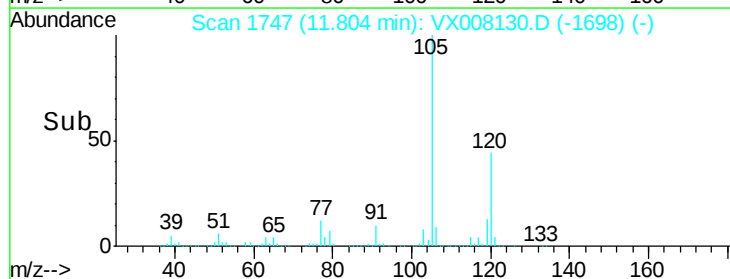
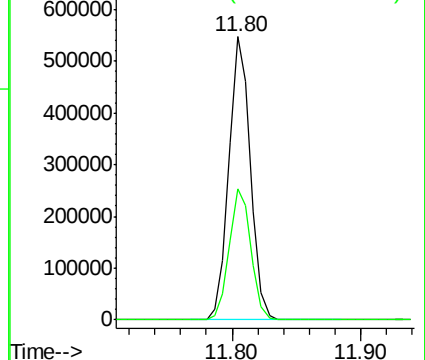
105 100

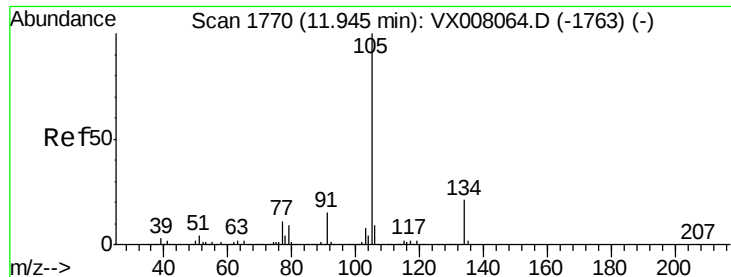
120 46.8 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.445 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

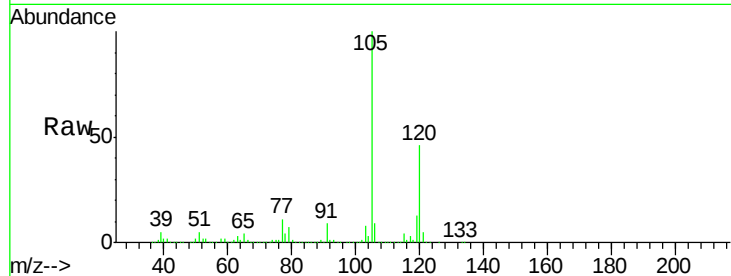
RFK-RMAB-MW12-GW

Tot Ion:105 Resp: 643753

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.80

600000

500000

400000

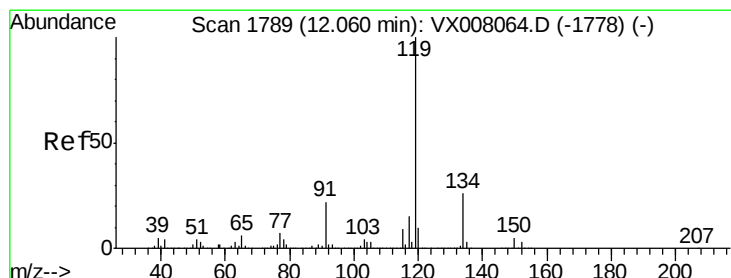
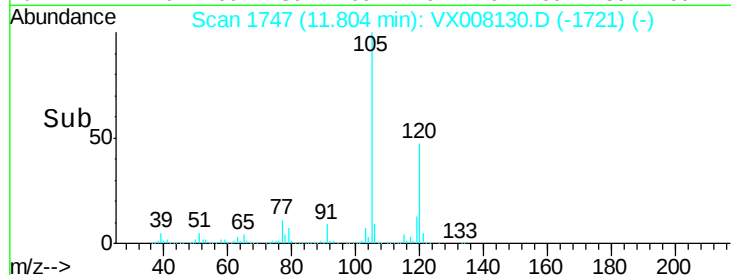
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 1.043 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

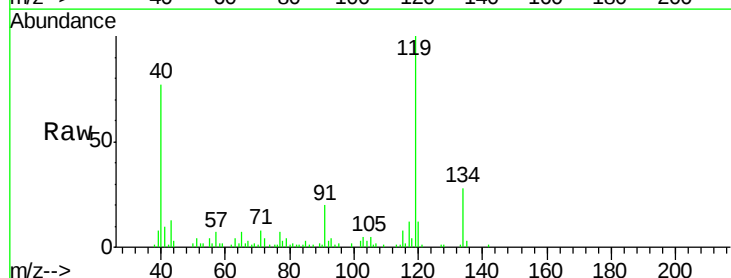
Tgt Ion:119 Resp: 11584

Ion Ratio Lower Upper

119 100

134 29.6 13.3 39.9

91 21.0 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

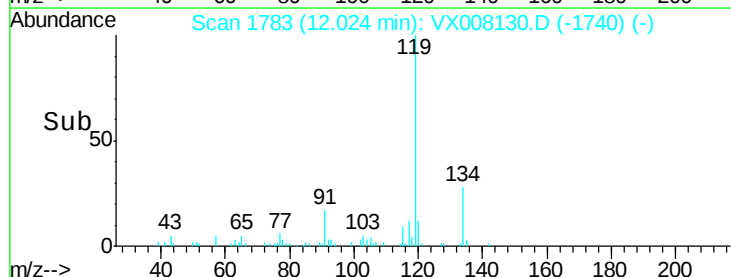
12.02

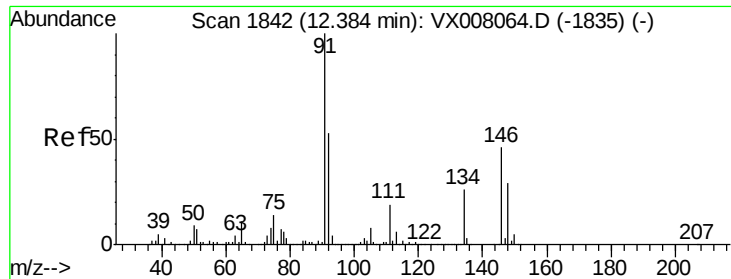
10000

5000

0

Time-->

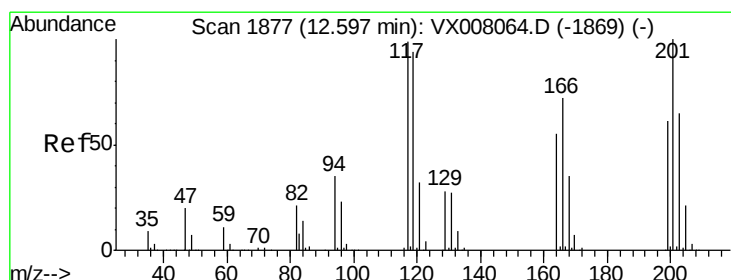
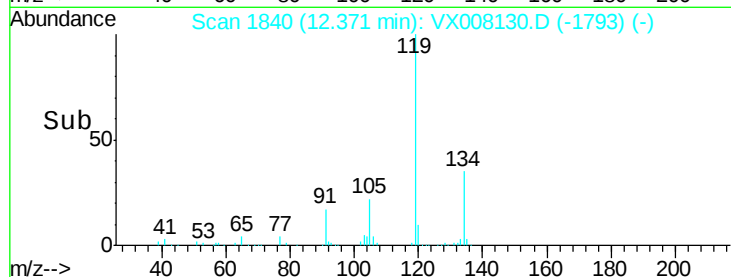
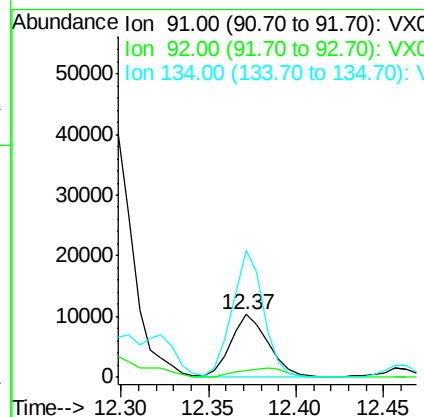
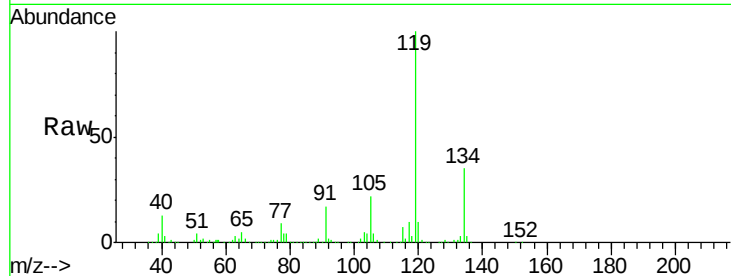




#89
n-Butylbenzene
Concen: 1.624 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

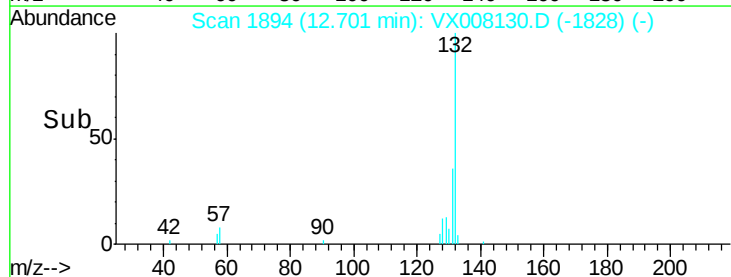
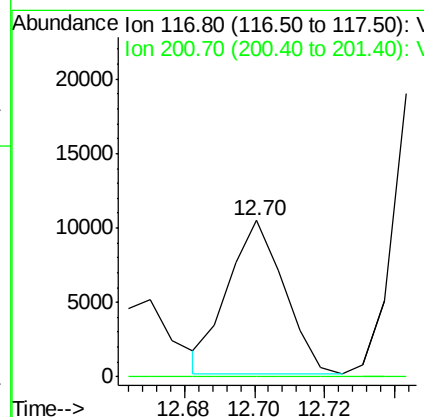
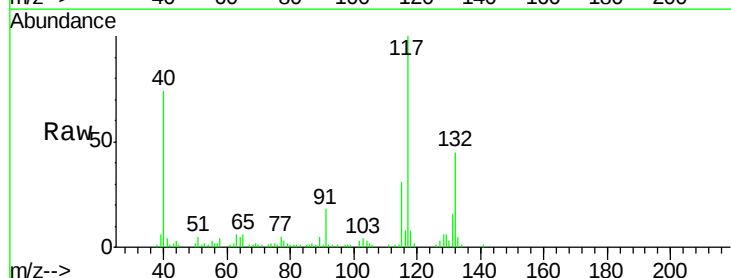
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW12-GW

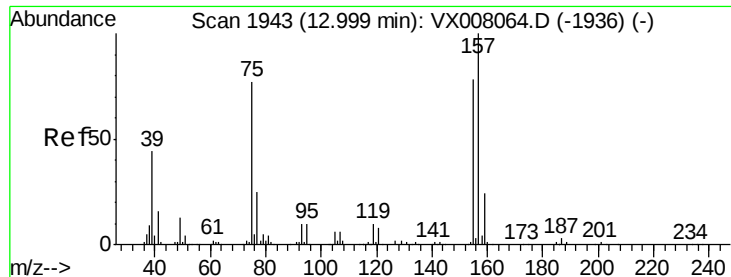
Tot Ion: 91 Resp: 15084
Ion Ratio Lower Upper
91 100
92 19.0 27.0 80.8#
134 172.4 13.7 41.0#



#90
Hexachloroethane
Concen: 6.448 ug/l
RT: 12.70 min Scan# 1894
Delta R.T. 0.10 min
Lab File: VX008130.D
Acq: 16 Mar 2019 02:11

Tgt Ion: 117 Resp: 11456
Ion Ratio Lower Upper
117 100
201 0.0 48.9 146.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.370 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW12-GW

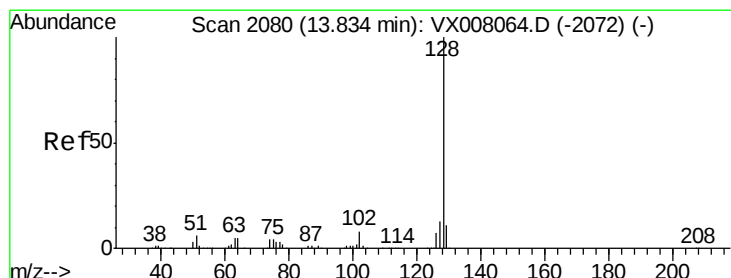
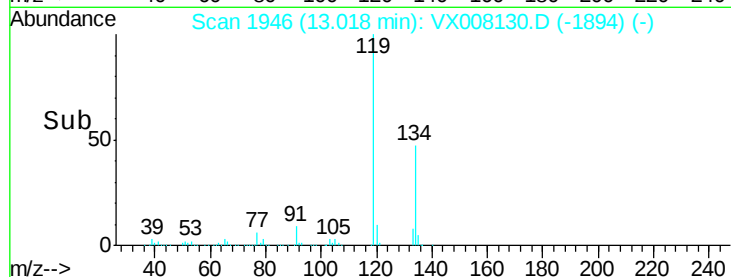
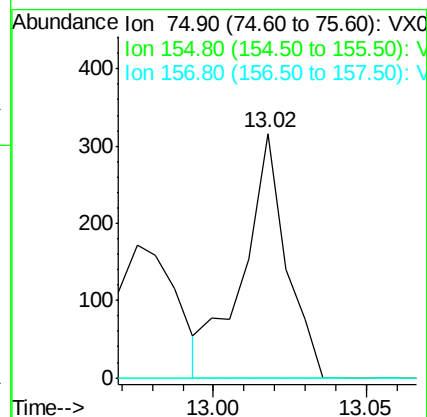
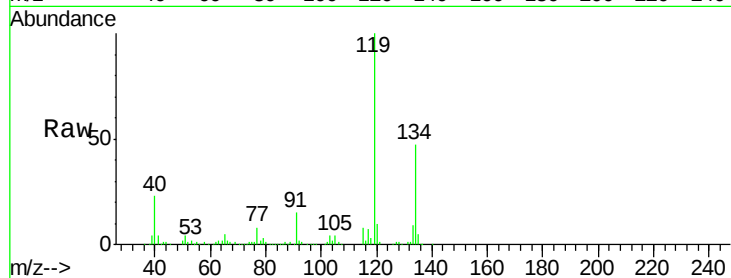
Tot Ion: 75 Resp: 306

Ion Ratio Lower Upper

75 100

155 0.0 49.7 149.1#

157 0.0 63.8 191.4#



#95

Naphthalene

Concen: 26.478 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008130.D

Acq: 16 Mar 2019 02:11

Tgt Ion:128 Resp: 317125

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.9 8.7 13.1

