

Data File : VX000172.D

Acq On : 28 Feb 2018 17:28

Operator : JC/MD

Sample : J1683-03

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GW

Quant Time: Mar 01 06:33:58 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	84486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	135027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	130957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	73733	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	53596	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	5.52	113	41323	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.73	98	167558	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.15	95	61481	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	139	Below Cal	#	3
6) Chloroethane	1.70	64	561	0.88	ug/l #	46
11) Tert butyl alcohol	3.08	59	4998	12.29	ug/l #	94
13) Acrolein	2.40	56	3545	18.25	ug/l	88
14) Allyl chloride	2.84	41	10232	6.91	ug/l #	67
16) Acetone	2.45	43	3226	4.71	ug/l	89
17) Carbon Disulfide	2.58	76	609	0.23	ug/l #	48
18) Methyl Acetate	2.85	43	22345	13.93	ug/l #	50
20) Methylene Chloride	2.85	84	178	Below Cal	#	1
25) 2-Butanone	4.73	43	2428	2.54	ug/l	91
31) Cyclohexane	5.59	56	564	0.43	ug/l #	71
36) 1,1-Dichloropropene	5.67	75	7095	5.86	ug/l #	49
38) Carbon Tetrachloride	5.67	117	8318	6.35	ug/l #	15
39) Methylcyclohexane	7.47	83	1579	1.08	ug/l #	85
40) Benzene	6.15	78	5478	1.58	ug/l	94
41) Methacrylonitrile	5.07	41	168	Below Cal	#	43
51) 4-Methyl-2-Pentanone	8.67	43	1353	0.77	ug/l	88
52) Toluene	8.79	92	1012	0.44	ug/l	89
55) 1,1,2-Trichloroethane	9.18	97	1847	1.93	ug/l #	19
59) 2-Hexanone	9.53	43	3476	2.34	ug/l	78
67) Ethyl Benzene	10.26	91	36438	7.85	ug/l	98
68) m/p-Xylenes	10.37	106	8901	4.84	ug/l	87
69) o-Xylene	10.71	106	32698	18.45	ug/l	91
70) Styrene	10.71	104	1851	0.64	ug/l #	1
73) Isopropylbenzene	11.02	105	10662	2.28	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.28	83	685	0.42	ug/l #	77
76) 1,2,3-Trichloropropane	11.46	75	1245	0.82	ug/l #	1
78) n-propylbenzene	11.37	91	29898	5.43	ug/l	96
79) 2-Chlorotoluene	11.46	91	14671	4.65	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	303262	76.76	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.15	75	34865	65.01	ug/l #	12
82) 4-Chlorotoluene	11.51	91	35851	9.40	ug/l #	41
83) tert-Butylbenzene	11.77	119	2756	0.69	ug/l #	41
84) 1,2,4-Trimethylbenzene	11.82	105	414173	100.97	ug/l	100

Data File : VX000172.D
Acq On : 28 Feb 2018 17:28
Operator : JC/MD
Sample : J1683-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

Quant Time: Mar 01 06:33:58 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

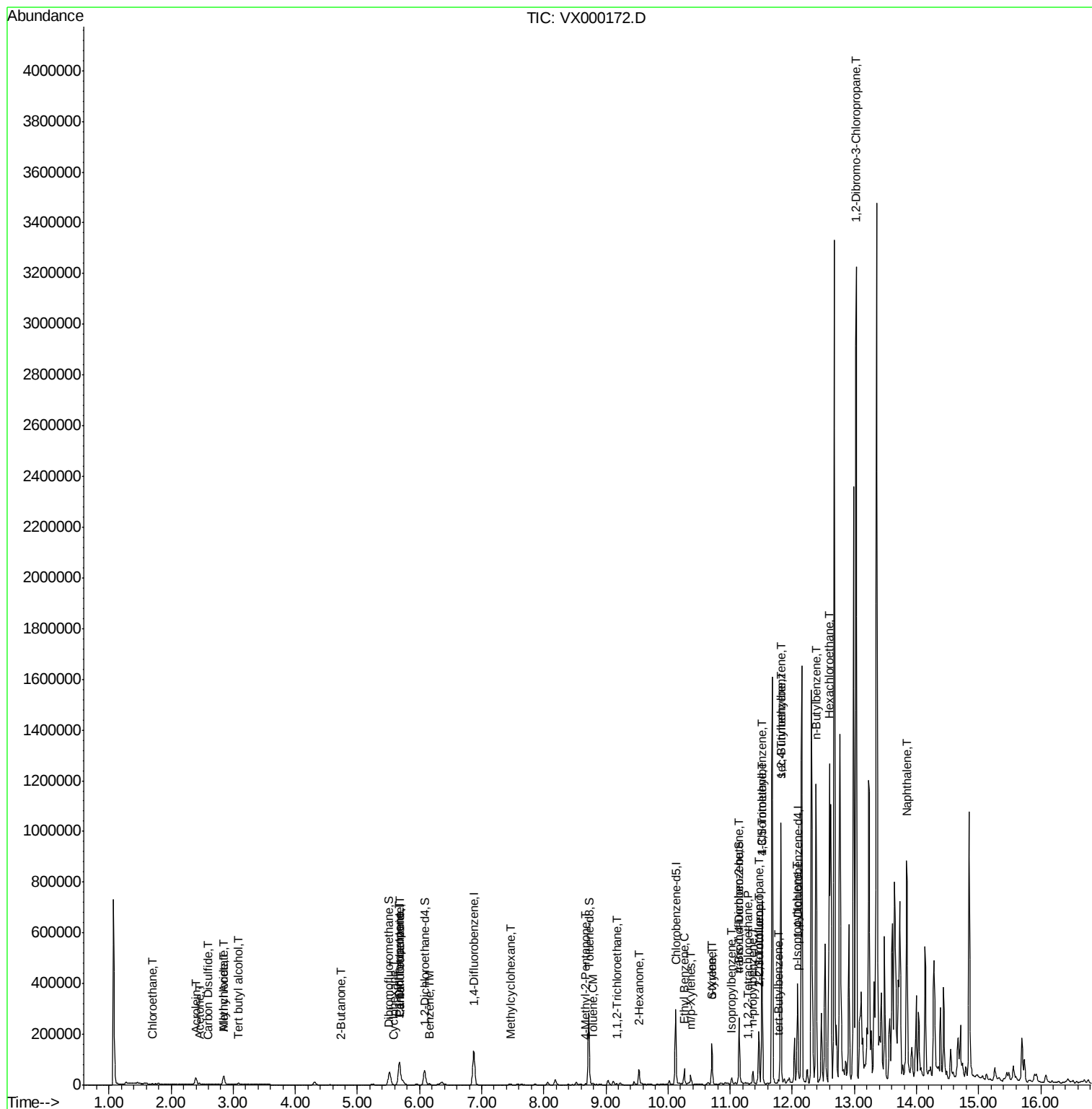
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.82	105	414070	83.57	ug/l #	55
86) p-Isopropyltoluene	12.07	119	15840	3.58	ug/l	92
89) n-Butylbenzene	12.38	91	107026	25.64	ug/l #	1
90) Hexachloroethane	12.60	117	57601	79.92	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	13.03	75	9713	21.50	ug/l #	1
95) Naphthalene	13.84	128	527285	86.68	ug/l	97

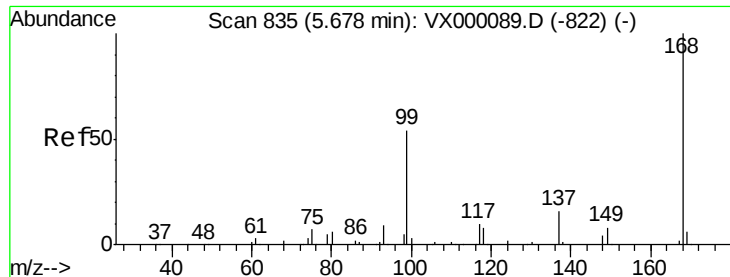
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 5      Sample Multiplier: 1
```

RFK-RMAB-MW10-GW

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

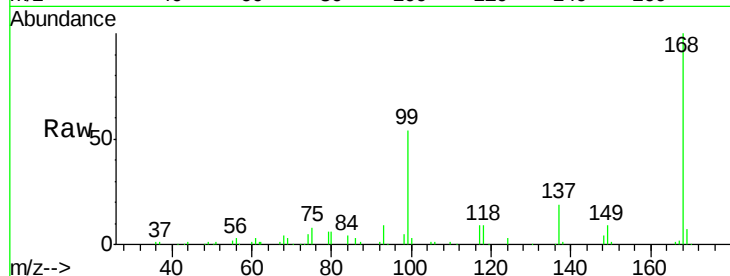
RFK-RMAB-MW10-GW

Tgt Ion:168 Resp: 84486

Ion Ratio Lower Upper

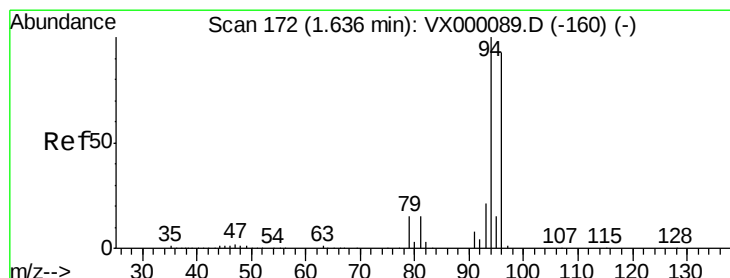
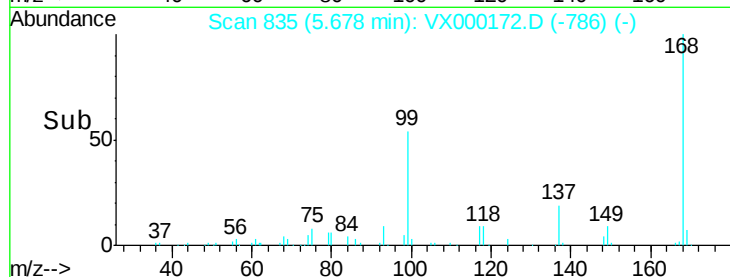
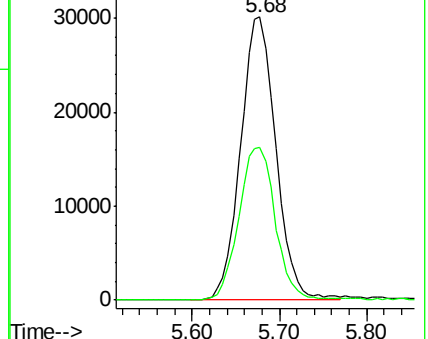
168 100

99 54.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX000172.D

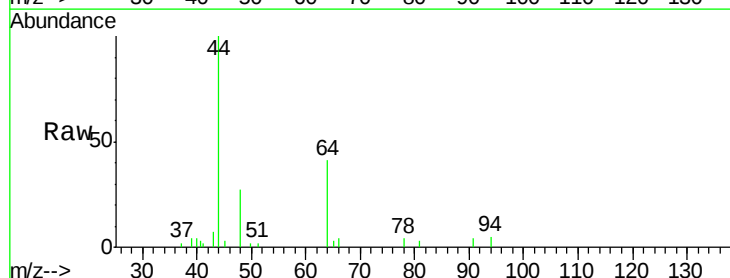
Acq: 28 Feb 2018 17:28

Tgt Ion: 94 Resp: 139

Ion Ratio Lower Upper

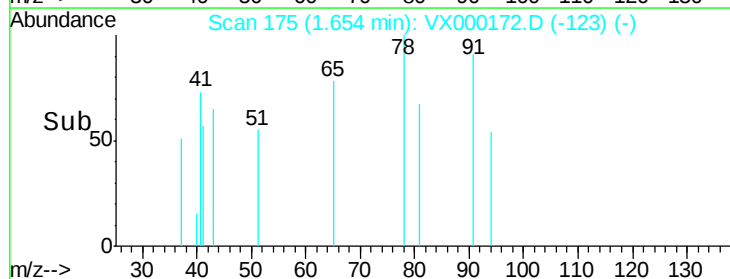
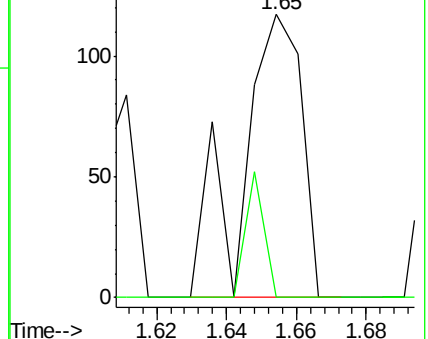
94 100

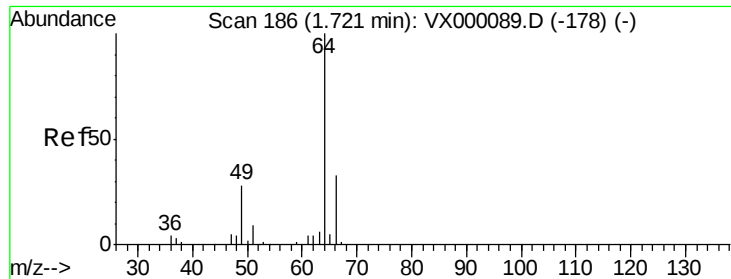
96 0.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.88 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

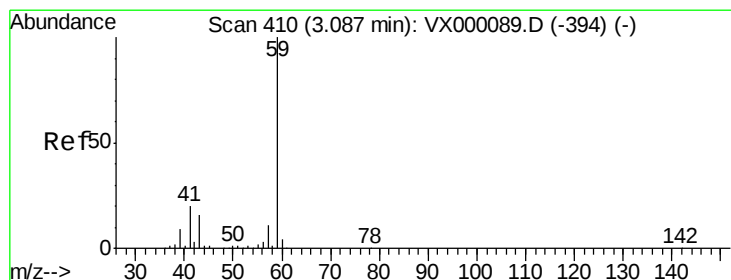
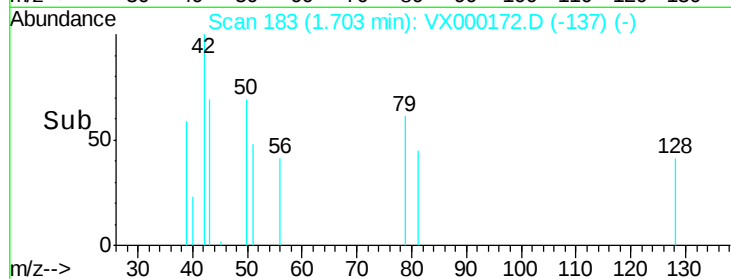
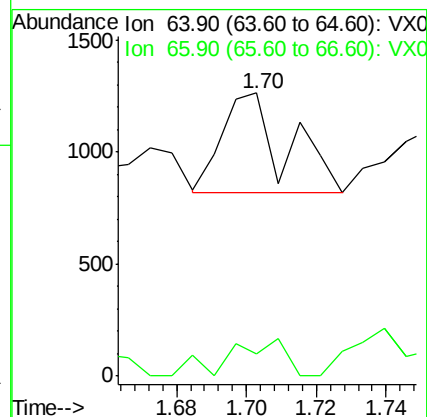
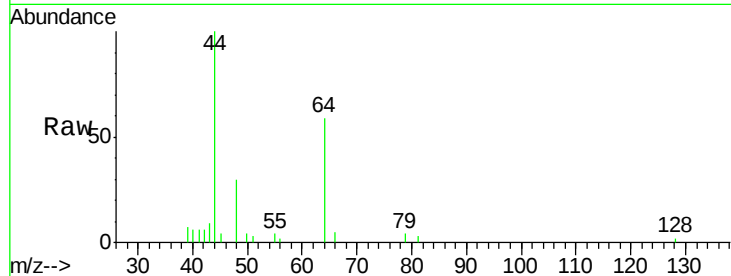
RFK-RMAB-MW10-GW

Tgt Ion: 64 Resp: 561

Ion Ratio Lower Upper

64 100

66 2.0 26.0 39.0#



#11

Tert butyl alcohol

Concen: 12.29 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX000172.D

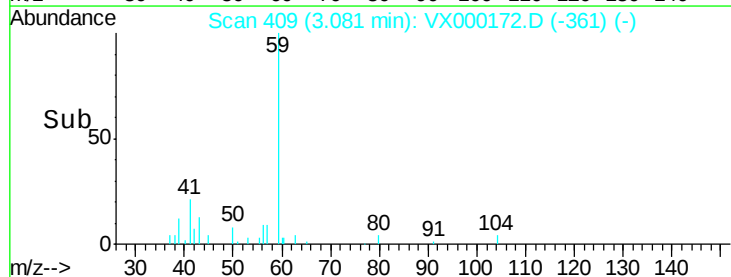
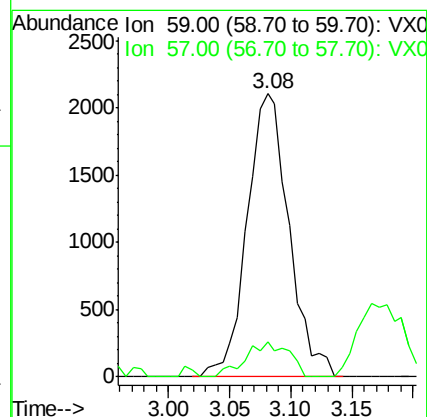
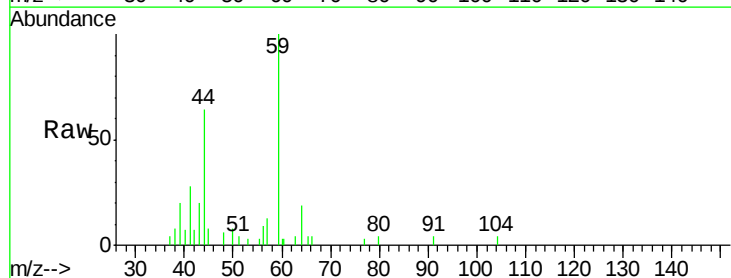
Acq: 28 Feb 2018 17:28

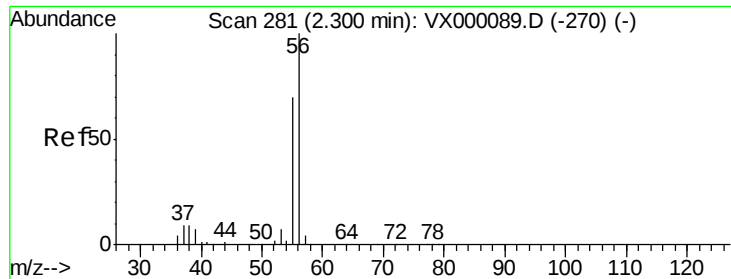
Tgt Ion: 59 Resp: 4998

Ion Ratio Lower Upper

59 100

57 12.7 8.3 12.5#





#13

Acrolein

Concen: 18.25 ug/l

RT: 2.40 min Scan# 297

Delta R.T. 0.10 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

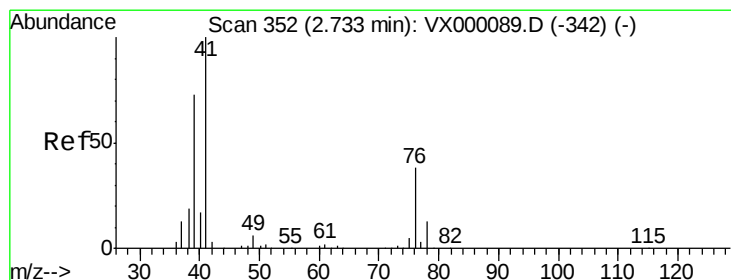
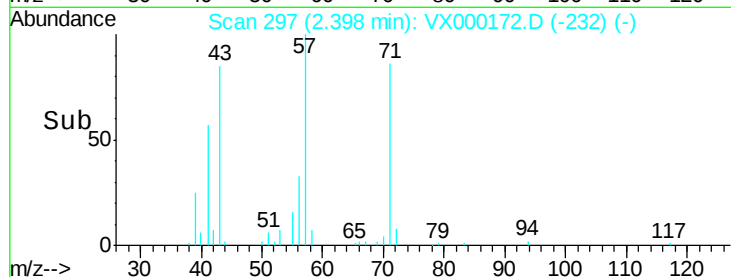
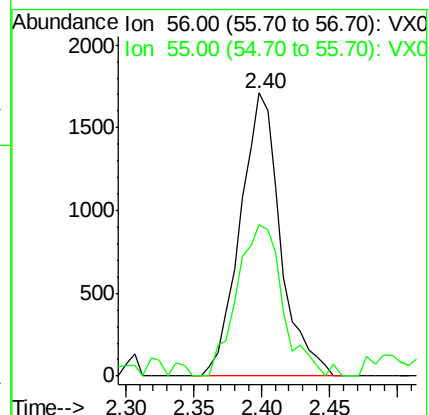
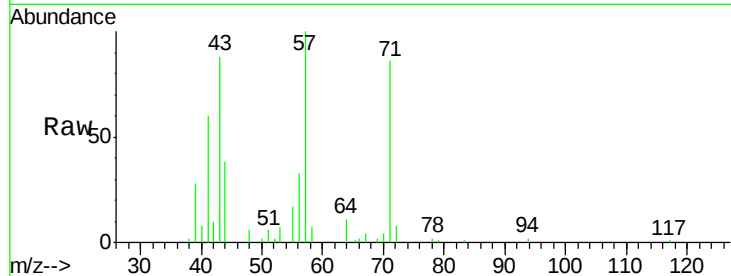
RFK-RMAB-MW10-GW

Tgt Ion: 56 Resp: 3545

Ion Ratio Lower Upper

56 100

55 60.3 56.2 84.4



#14

Allyl chloride

Concen: 6.91 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.11 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

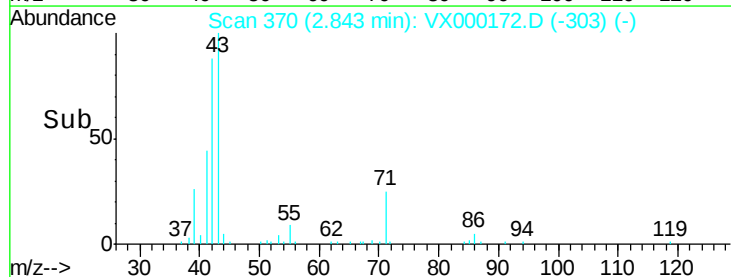
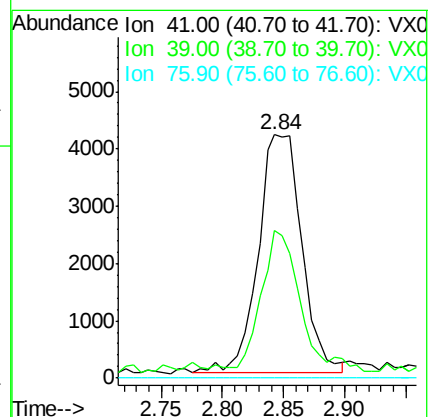
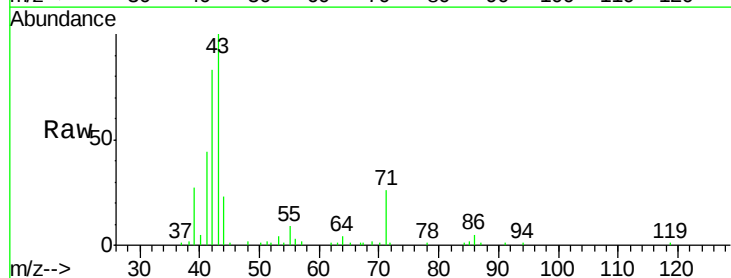
Tgt Ion: 41 Resp: 10232

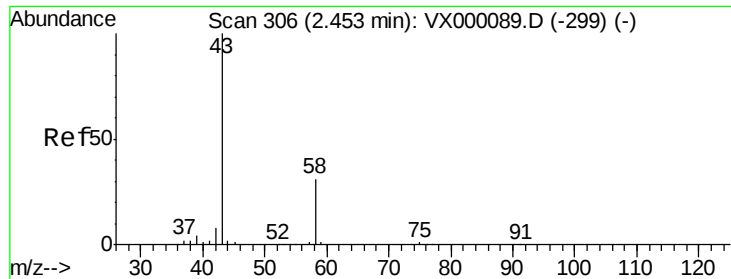
Ion Ratio Lower Upper

41 100

39 53.6 55.1 82.7#

76 0.0 28.5 42.7#





#16

Acetone

Concen: 4.71 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

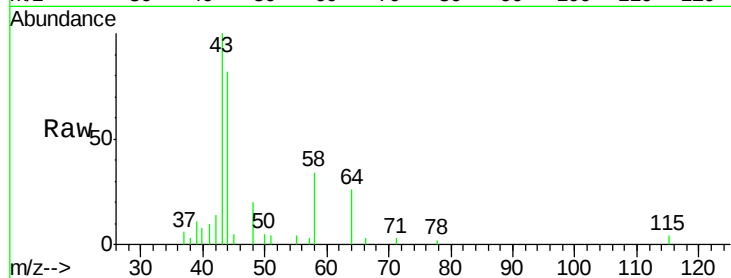
RFK-RMAB-MW10-GW

Tgt Ion: 43 Resp: 3226

Ion Ratio Lower Upper

43 100

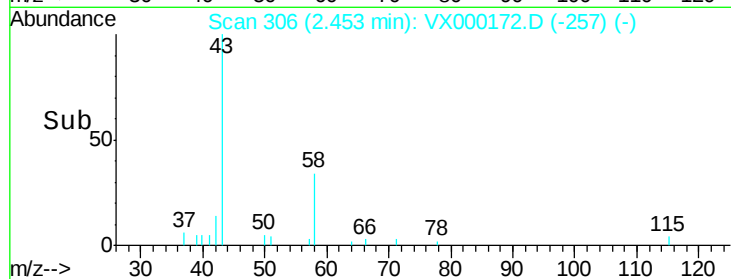
58 37.1 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

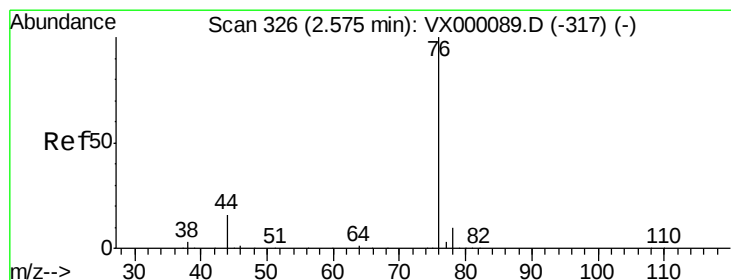
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->



#17

Carbon Disulfide

Concen: 0.23 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000172.D

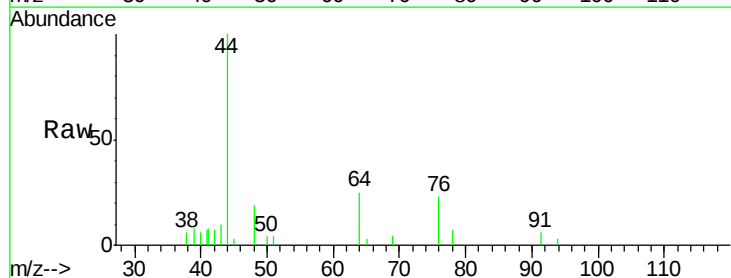
Acq: 28 Feb 2018 17:28

Tgt Ion: 76 Resp: 609

Ion Ratio Lower Upper

76 100

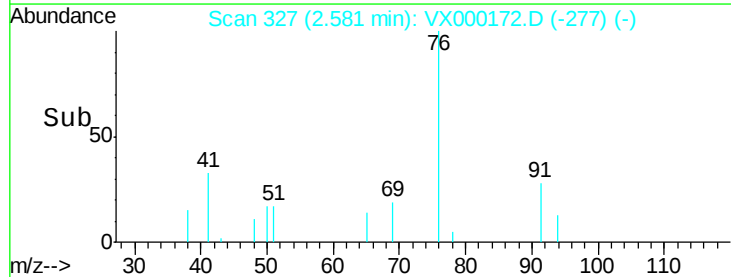
78 29.0 7.8 11.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

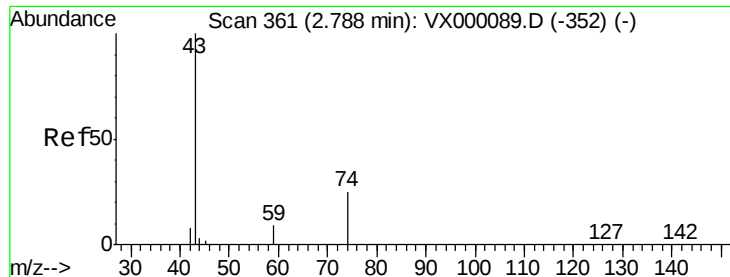
Time-->



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

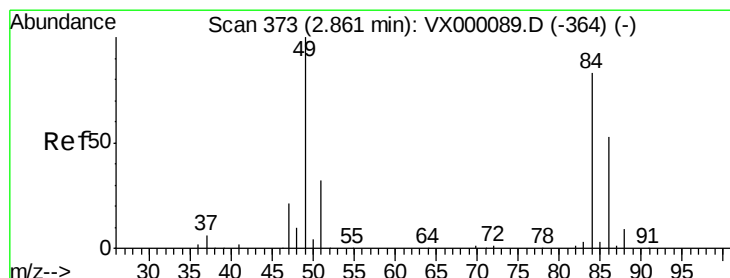
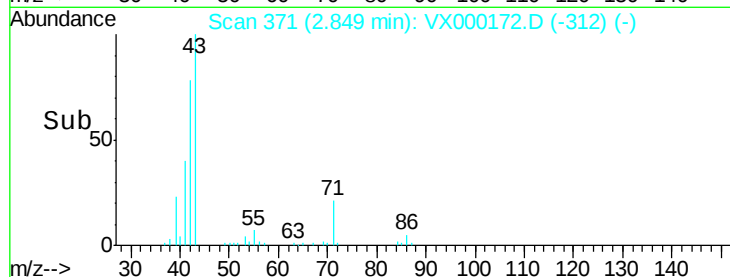
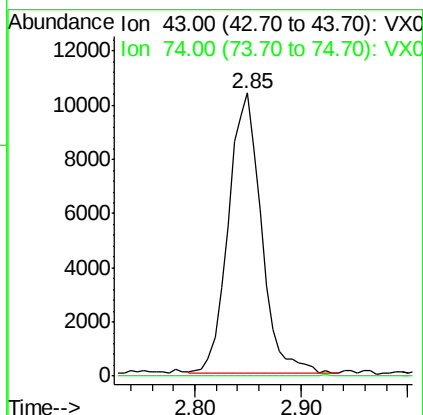
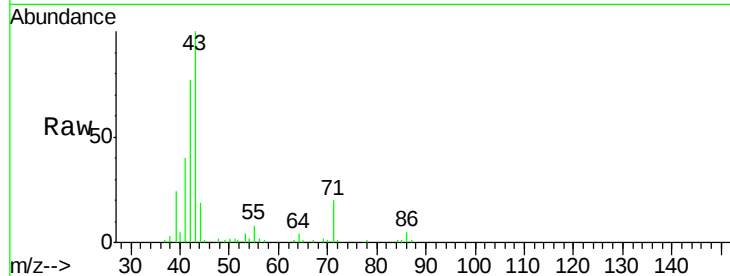
Time-->



#18
Methyl Acetate
Concen: 13.93 ug/l
RT: 2.85 min Scan# 371
Delta R.T. 0.06 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

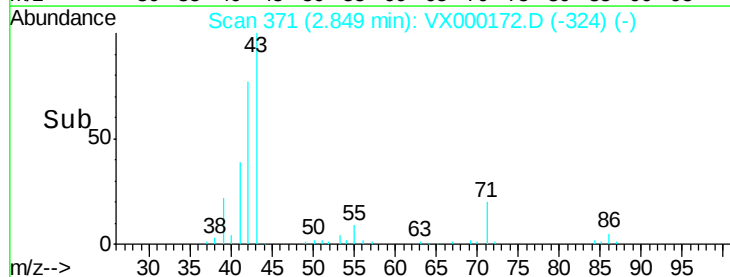
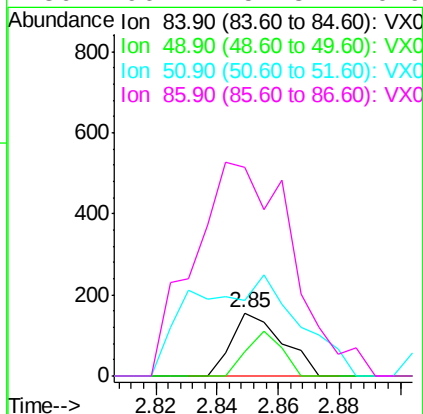
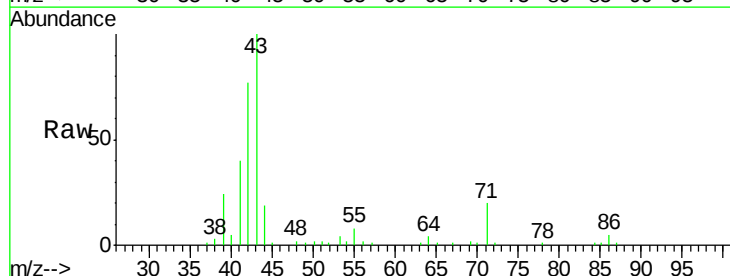
Instrument :
MSVOA_X
ClientSampleId :
RfK-RMAB-MW10-GW

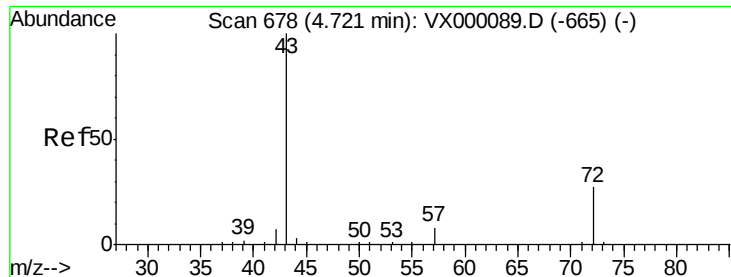
Tgt Ion: 43 Resp: 22345
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Tgt Ion: 84 Resp: 178
Ion Ratio Lower Upper
84 100
49 37.8 96.1 144.1#
51 77.6 30.5 45.7#
86 296.2 51.3 76.9#





#25

2-Butanone

Concen: 2.54 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

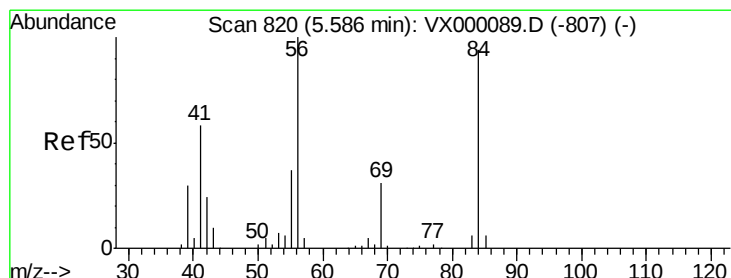
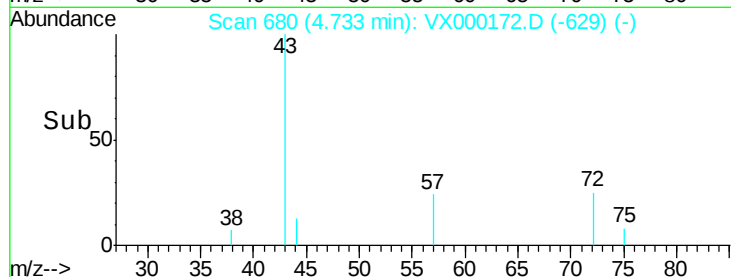
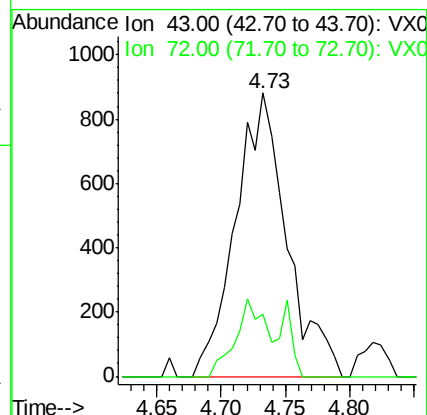
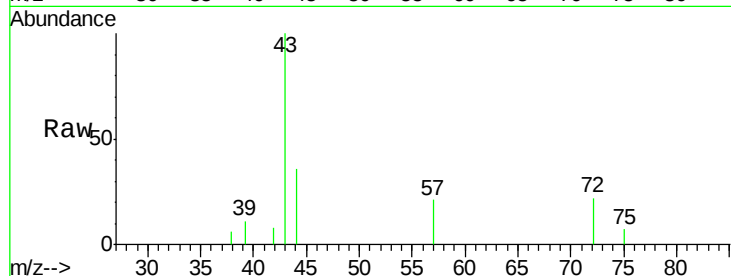
RFK-RMAB-MW10-GW

Tgt Ion: 43 Resp: 2428

Ion Ratio Lower Upper

43 100

72 21.9 21.3 31.9



#31

Cyclohexane

Concen: 0.43 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

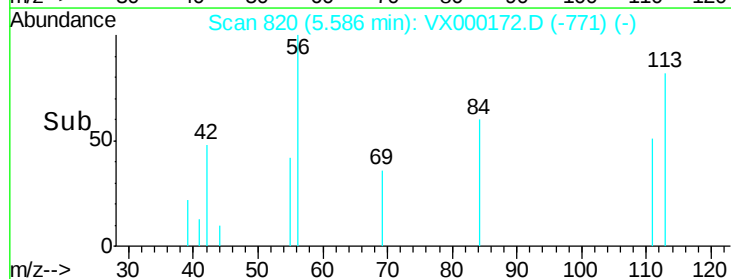
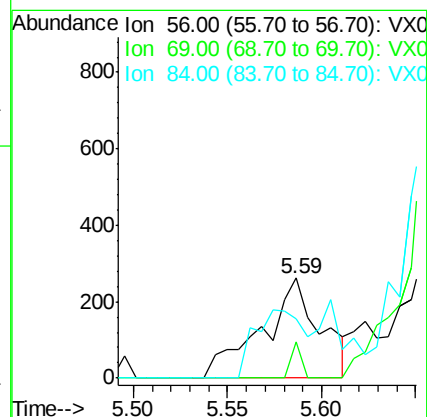
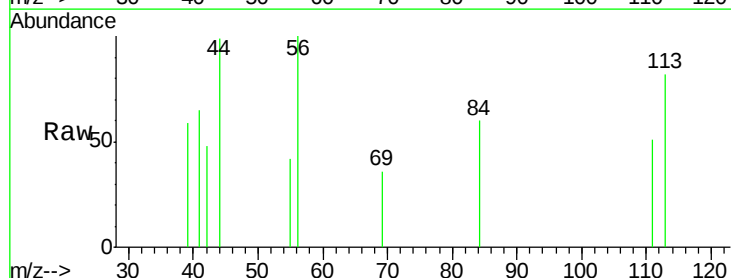
Tgt Ion: 56 Resp: 564

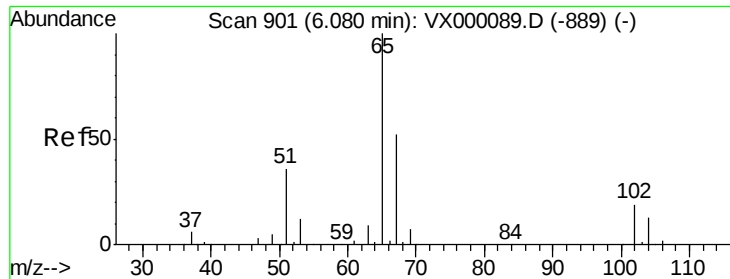
Ion Ratio Lower Upper

56 100

69 35.9 24.9 37.3

84 59.5 75.0 112.4#

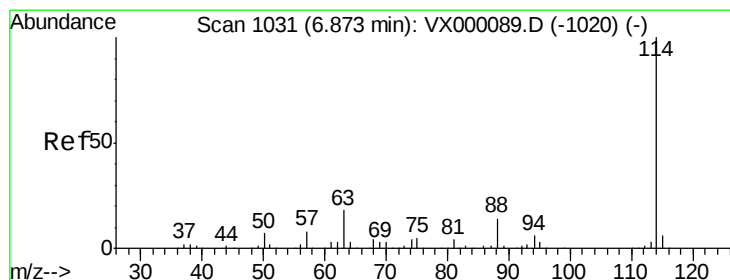
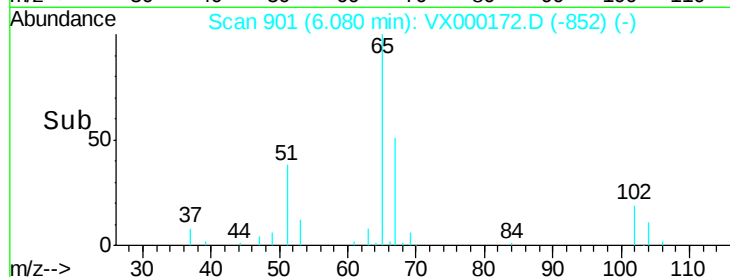
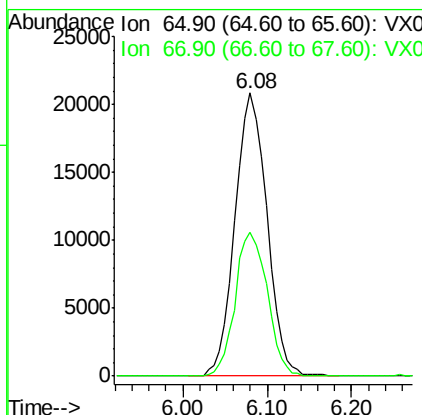
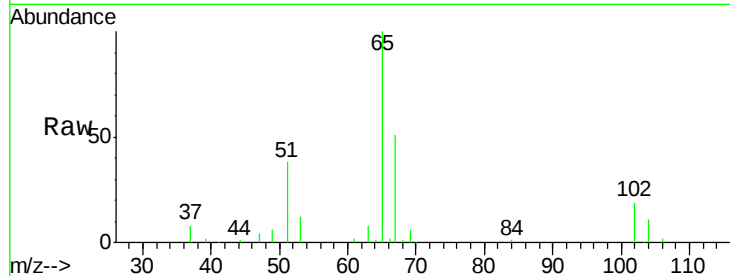




#33
 1,2-Dichloroethane-d4
 Concen: 50.80 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000172.D
 Acq: 28 Feb 2018 17:28

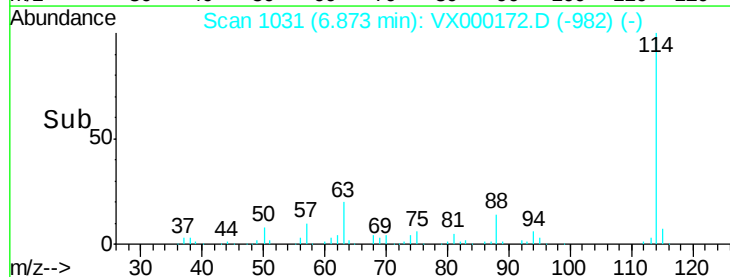
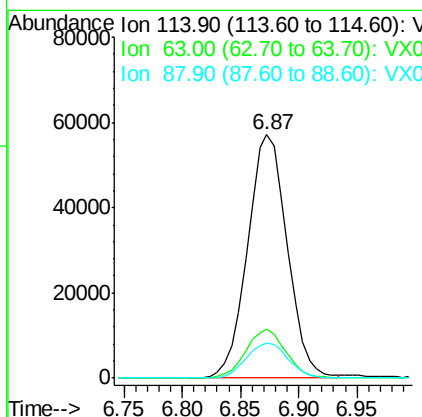
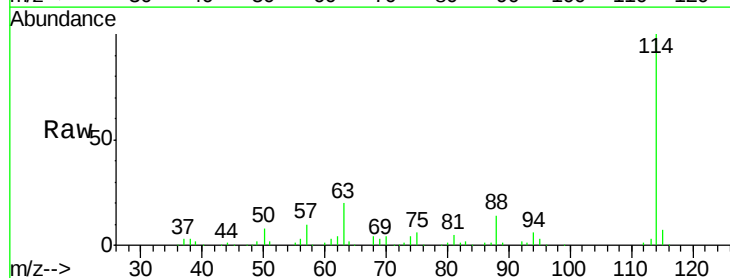
Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW10-GW

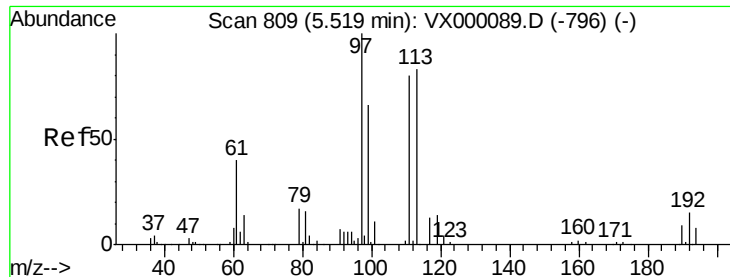
Tgt Ion: 65 Resp: 53596
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000172.D
 Acq: 28 Feb 2018 17:28

Tgt Ion: 114 Resp: 135027
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 36.4
 88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.49 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GW

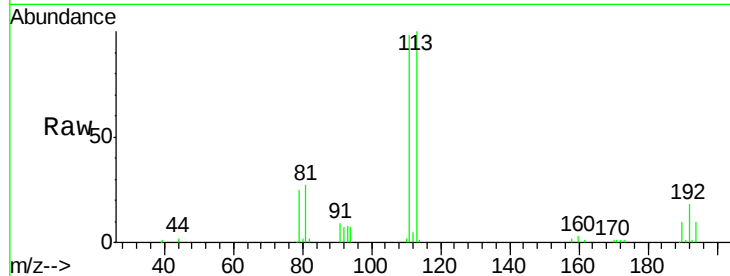
Tgt Ion:113 Resp: 41323

Ion Ratio Lower Upper

113 100

111 99.0 81.0 121.6

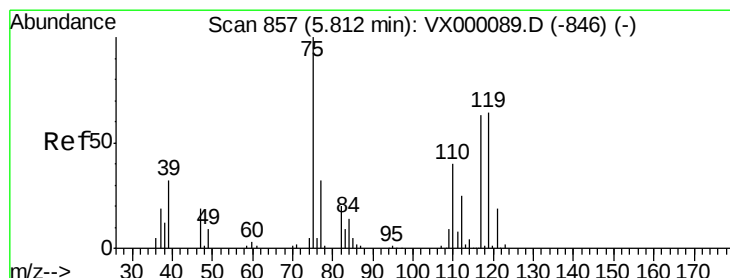
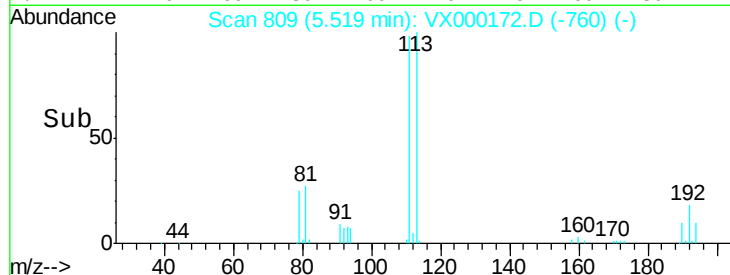
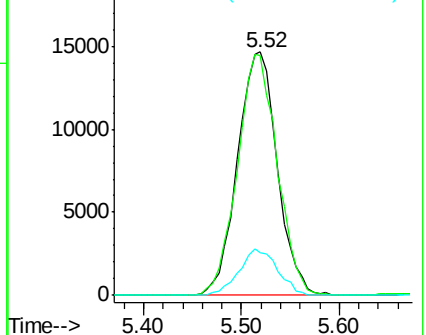
192 18.5 15.7 23.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.86 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.15 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

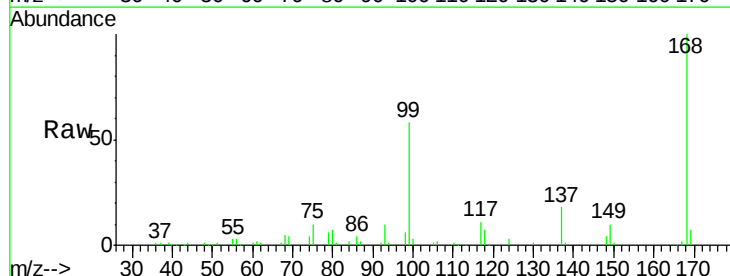
Tgt Ion: 75 Resp: 7095

Ion Ratio Lower Upper

75 100

110 10.1 19.5 58.5#

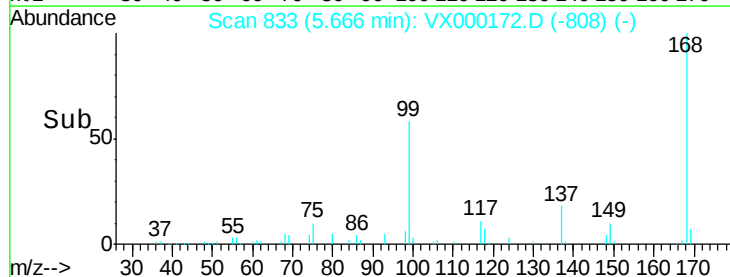
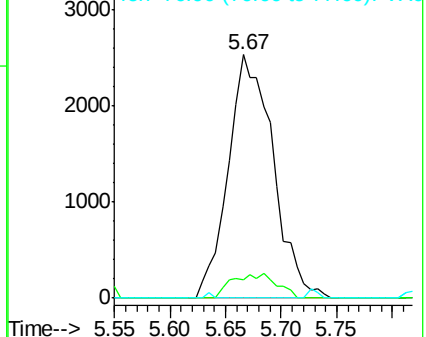
77 0.0 24.7 37.1#

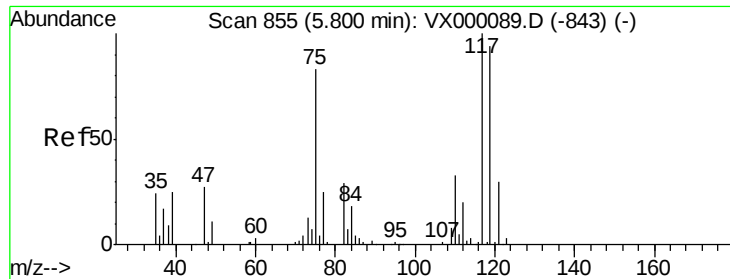


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

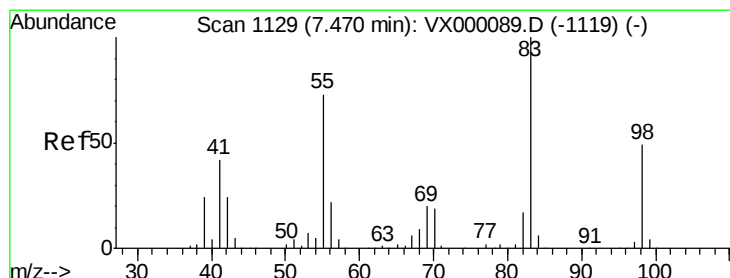
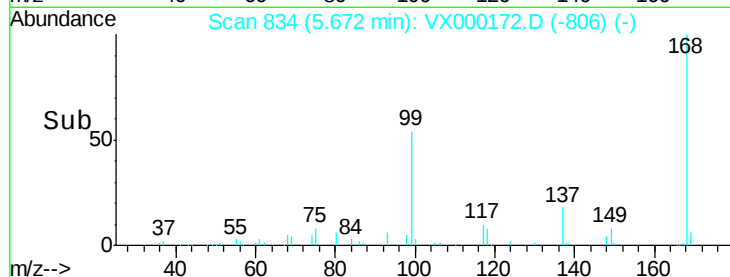
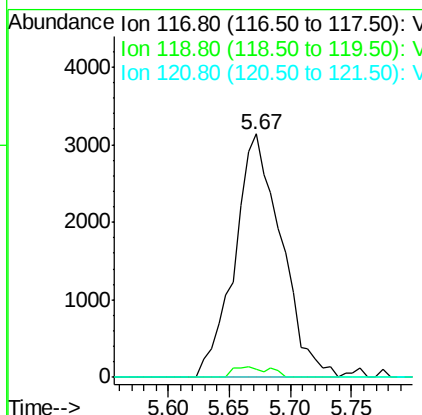
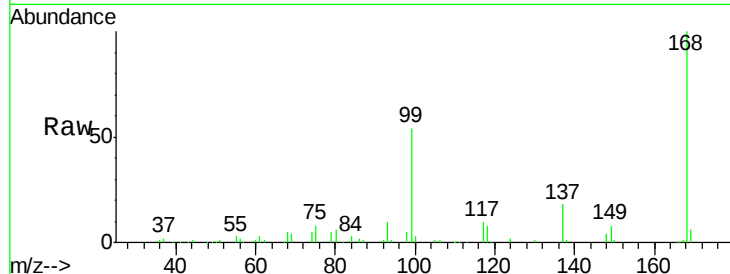




#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

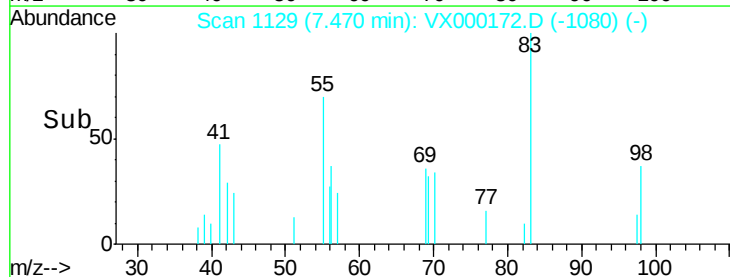
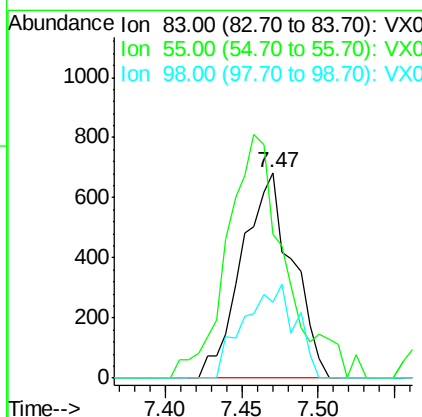
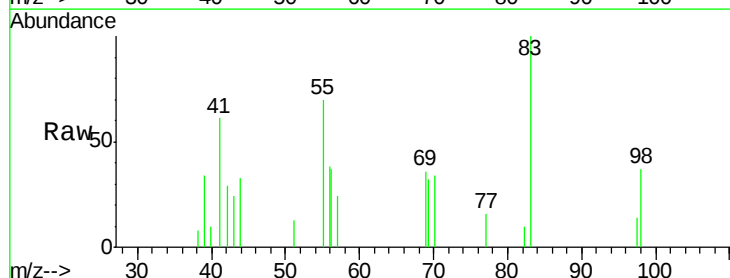
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

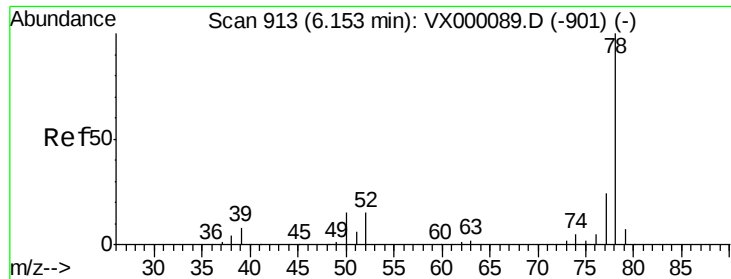
Tgt Ion: 117 Resp: 8318
Ion Ratio Lower Upper
117 100
119 3.1 75.3 112.9#
121 0.0 23.7 35.5#



#39
Methylcyclohexane
Concen: 1.08 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Tgt Ion: 83 Resp: 1579
Ion Ratio Lower Upper
83 100
55 61.1 58.2 87.2
98 36.7 39.0 58.6#

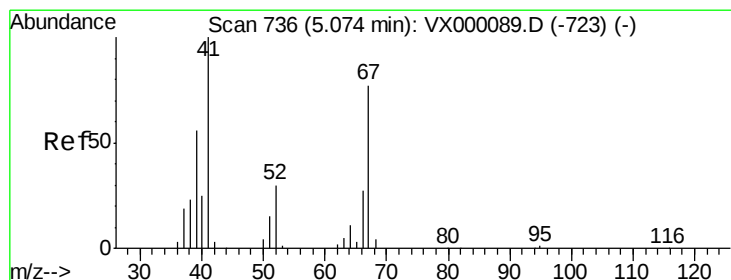
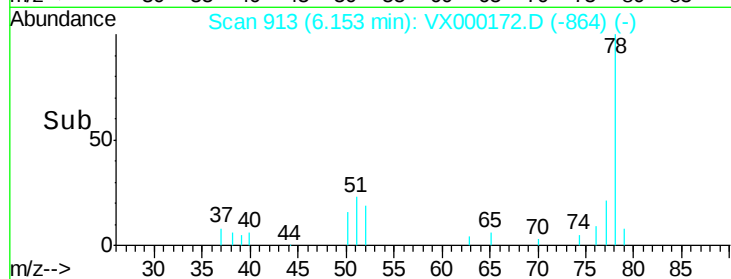
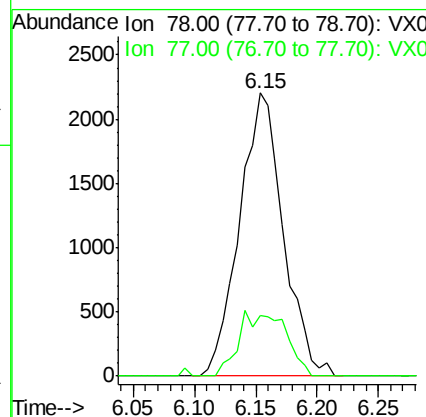
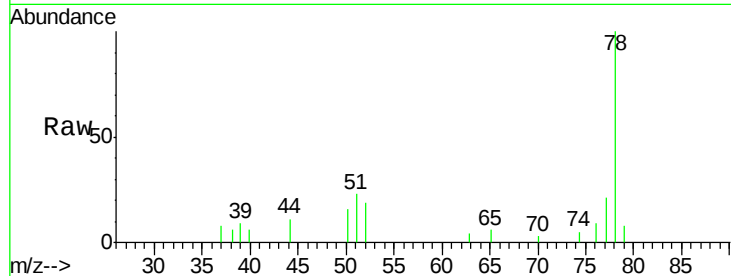




#40
Benzene
Concen: 1.58 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

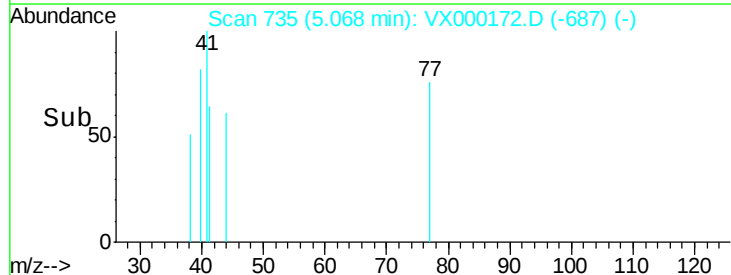
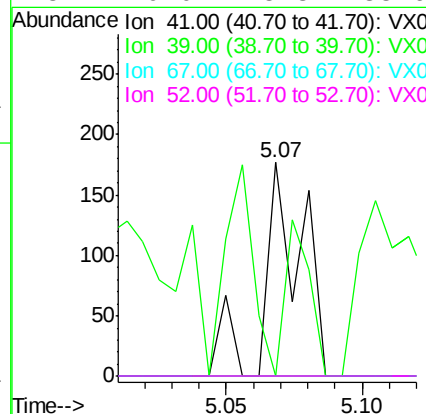
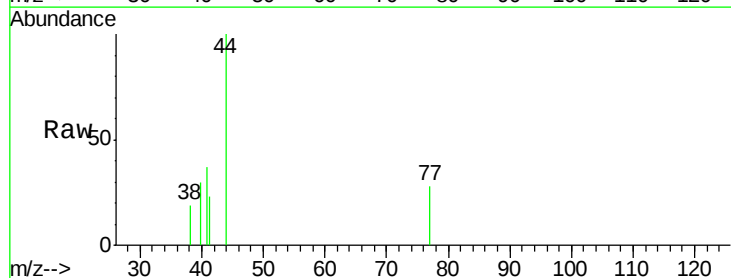
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

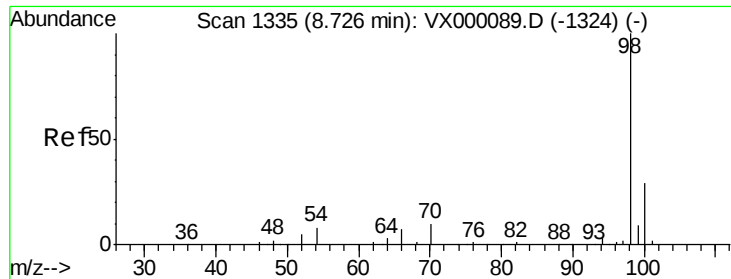
Tgt Ion: 78 Resp: 5478
Ion Ratio Lower Upper
78 100
77 21.3 19.4 29.0



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Tgt Ion: 41 Resp: 168
Ion Ratio Lower Upper
41 100
39 47.0 45.1 67.7
67 0.0 61.0 91.4#
52 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.84 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

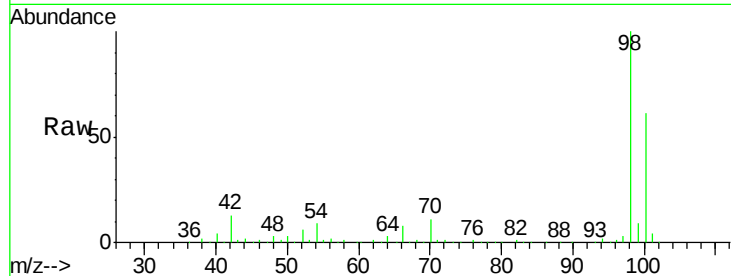
RFK-RMAB-MW10-GW

Tgt Ion: 98 Resp: 167558

Ion Ratio Lower Upper

98 100

100 62.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.73

120000

100000

80000

60000

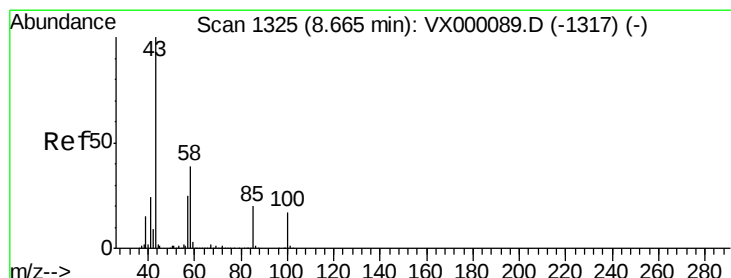
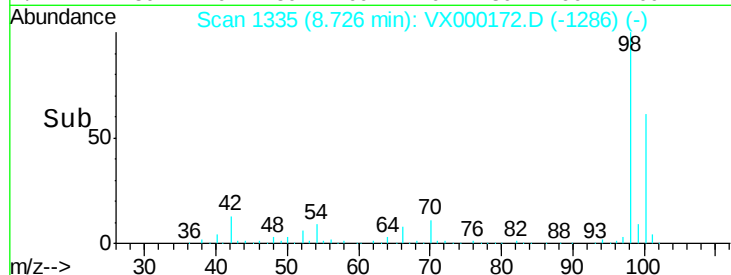
40000

20000

0

Time-->

8.60 8.70 8.80 8.90



#51

4-Methyl-2-Pentanone

Concen: 0.77 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000172.D

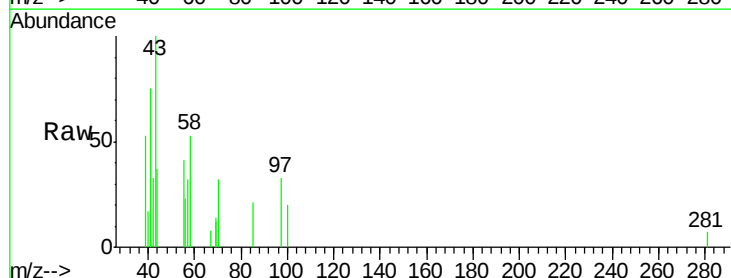
Acq: 28 Feb 2018 17:28

Tgt Ion: 43 Resp: 1353

Ion Ratio Lower Upper

43 100

58 32.3 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.67

800

600

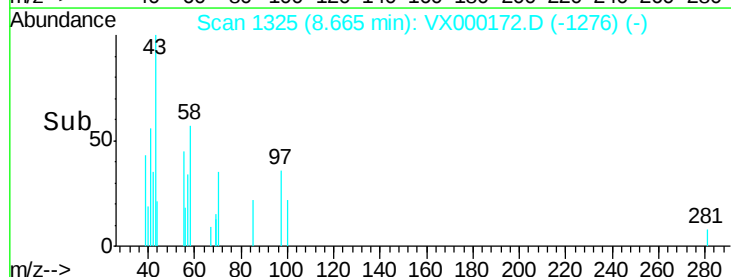
400

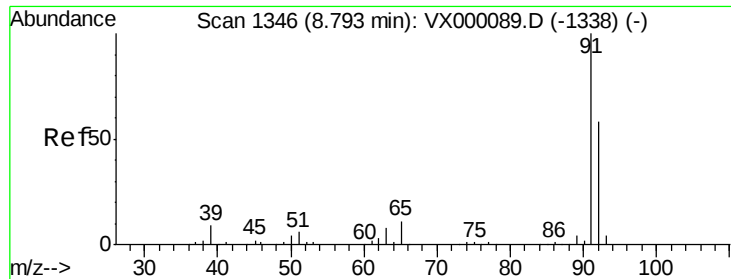
200

0

Time-->

8.65 8.70





#52

Toluene

Concen: 0.44 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

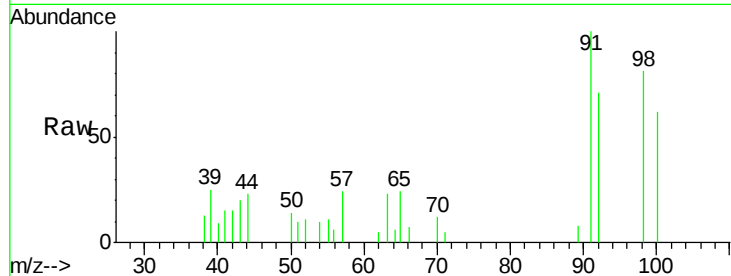
RFK-RMAB-MW10-GW

Tgt Ion: 92 Resp: 1012

Ion Ratio Lower Upper

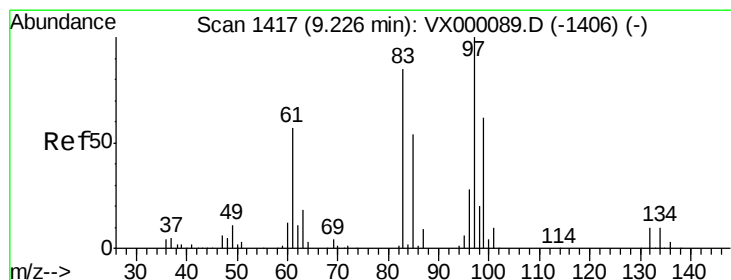
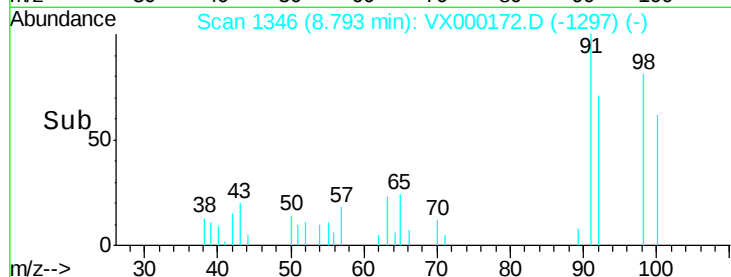
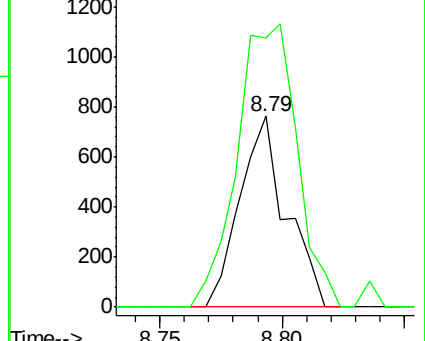
92 100

91 190.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.93 ug/l

RT: 9.18 min Scan# 1409

Delta R.T. -0.05 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Tgt Ion: 97 Resp: 1847

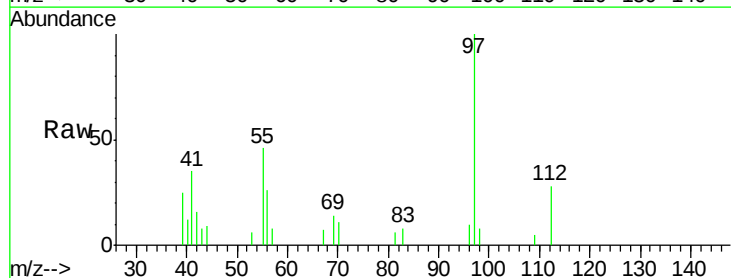
Ion Ratio Lower Upper

97 100

83 7.7 67.6 101.4#

85 0.0 42.9 64.3#

99 0.0 49.8 74.6#

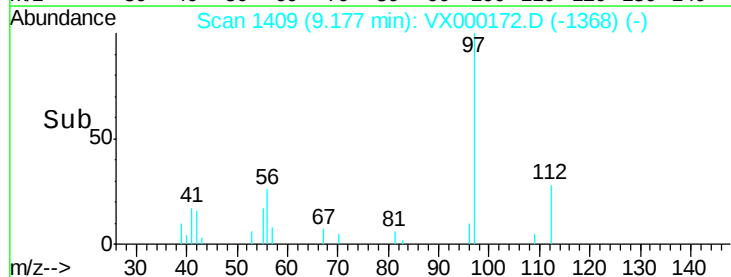
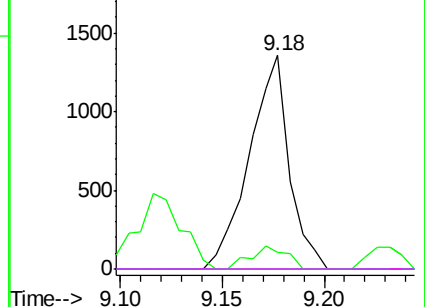


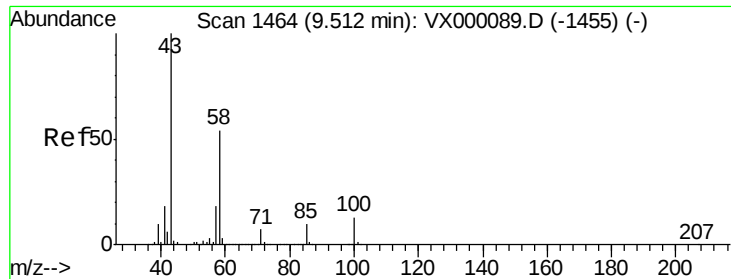
Abundance Ion 96.90 (96.60 to 97.60): VX0

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





#59

2-Hexanone

Concen: 2.34 ug/l

RT: 9.53 min Scan# 1467

Delta R.T. 0.02 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

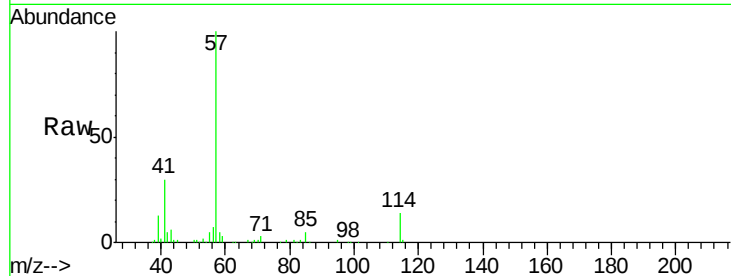
RFK-RMAB-MW10-GW

Tgt Ion: 43 Resp: 3476

Ion Ratio Lower Upper

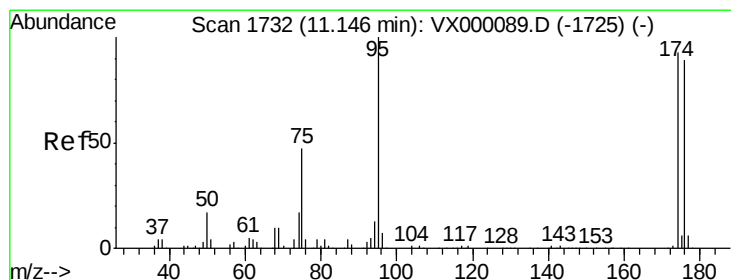
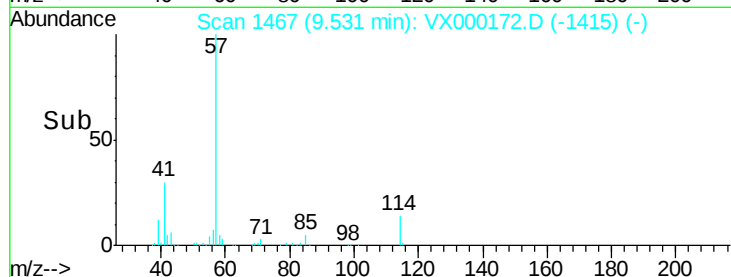
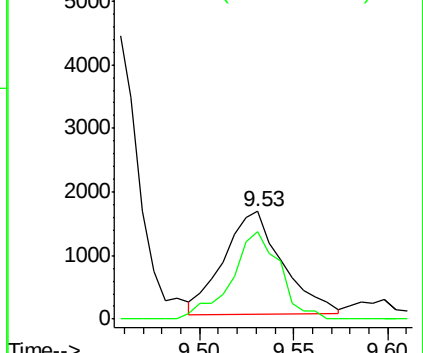
43 100

58 70.2 27.1 81.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.64 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

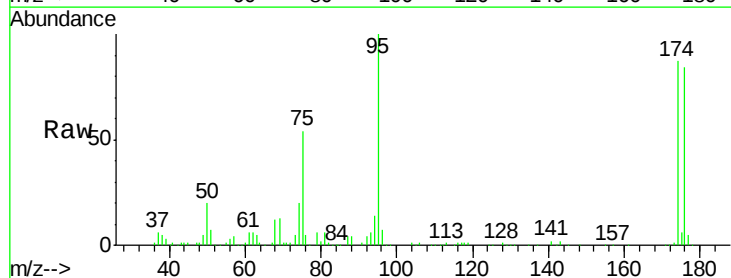
Tgt Ion: 95 Resp: 61481

Ion Ratio Lower Upper

95 100

174 85.6 0.0 187.8

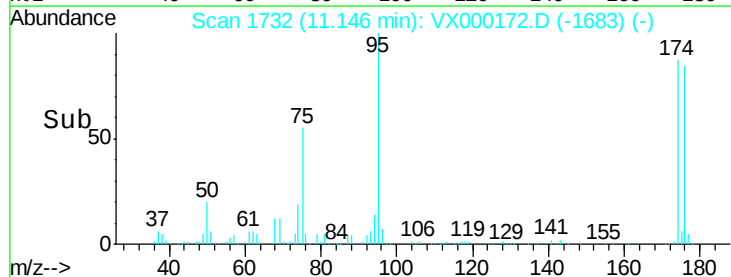
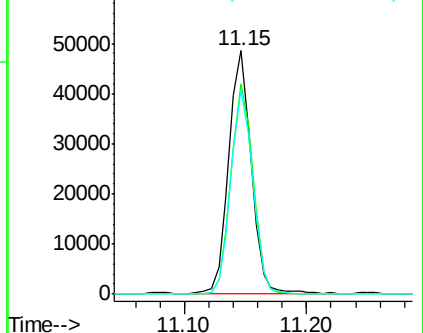
176 82.2 0.0 181.2

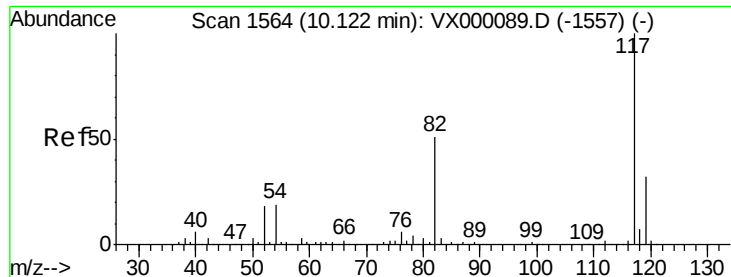


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

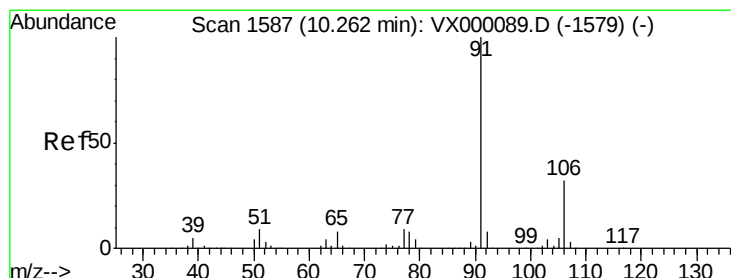
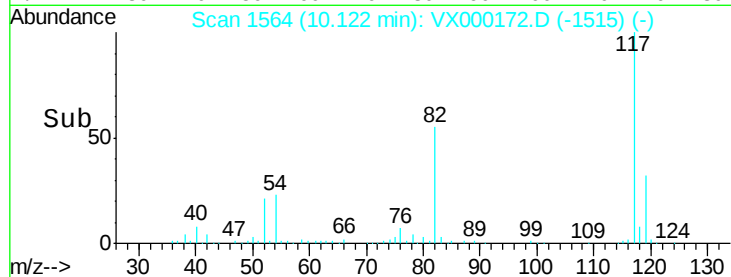
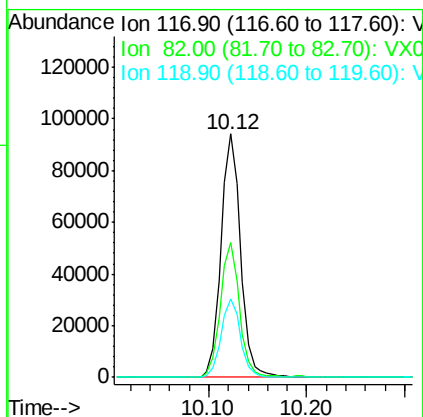
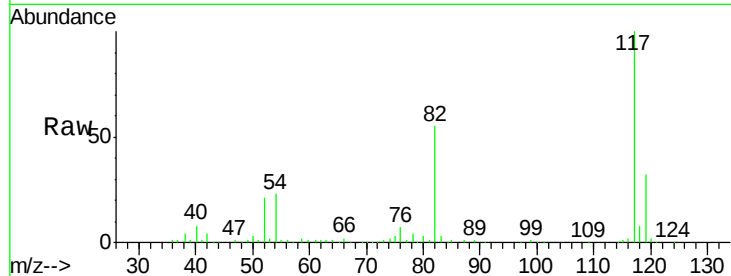




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

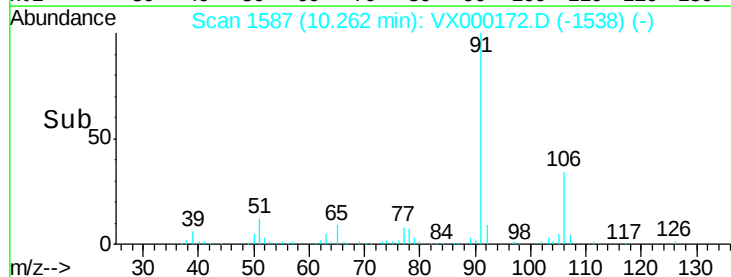
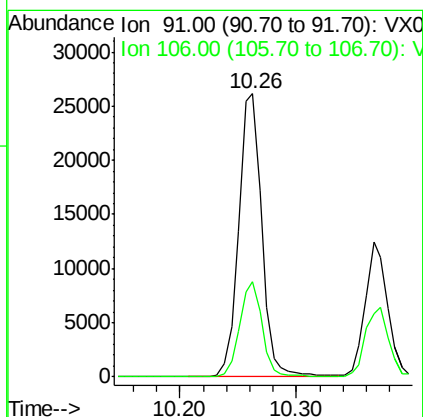
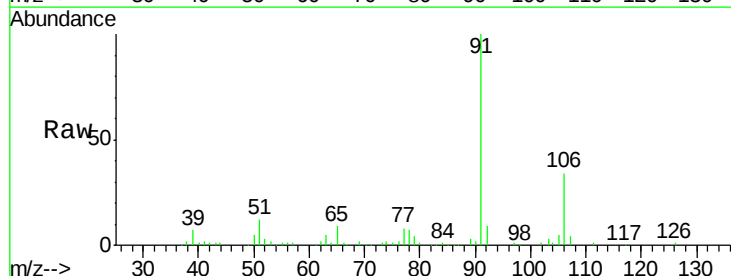
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

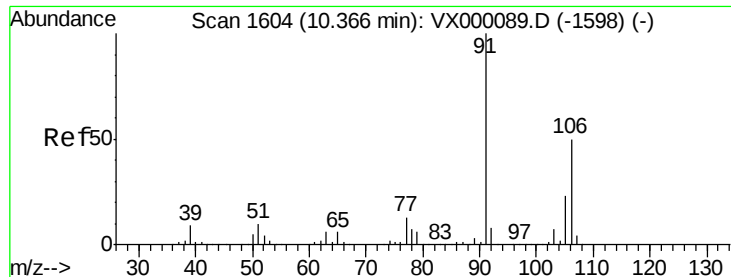
Tgt Ion: 117 Resp: 130957
Ion Ratio Lower Upper
117 100
82 55.2 41.0 61.6
119 32.4 25.5 38.3



#67
Ethyl Benzene
Concen: 7.85 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Tgt Ion: 91 Resp: 36438
Ion Ratio Lower Upper
91 100
106 33.5 25.8 38.6

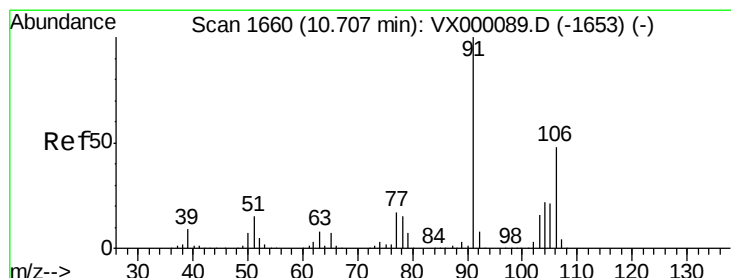
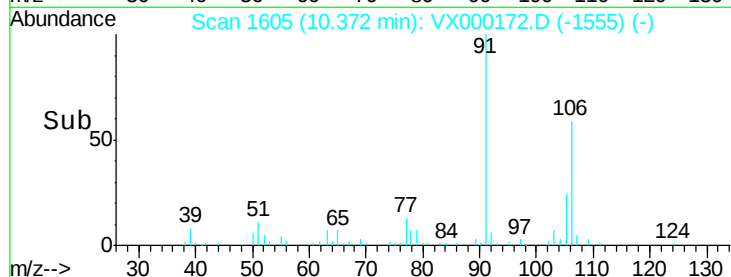
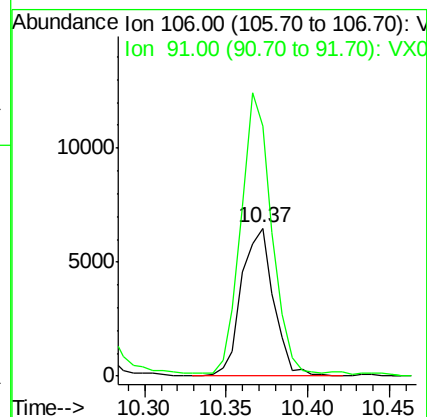
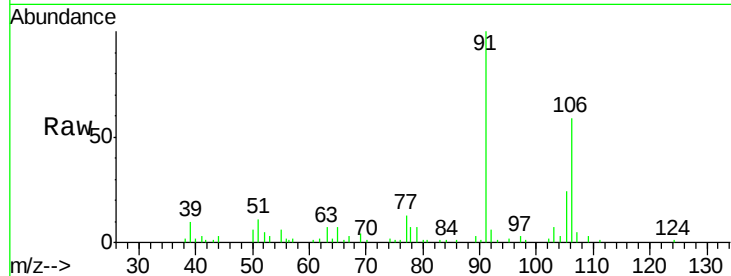




#68
m/p-Xylenes
Concen: 4.84 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

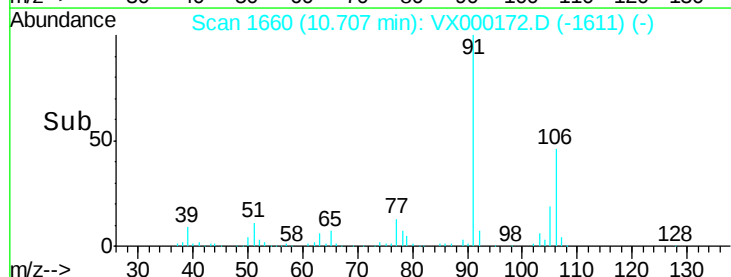
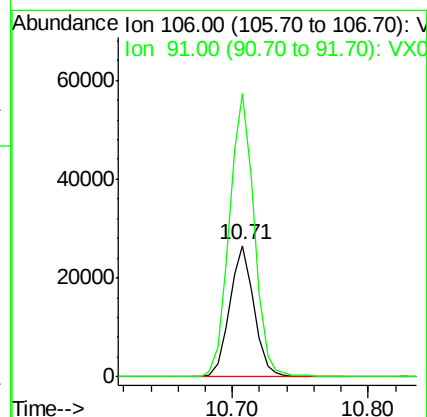
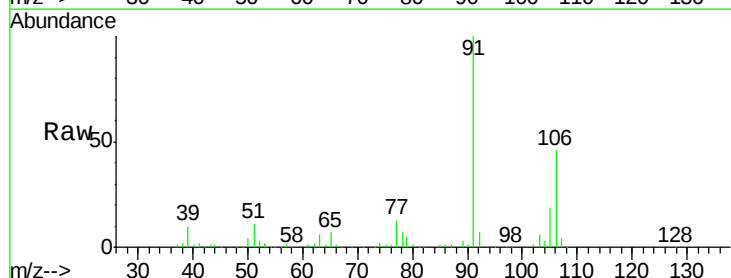
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

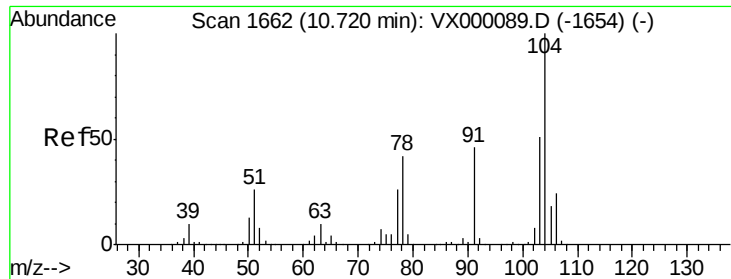
Tgt Ion:106 Resp: 8901
Ion Ratio Lower Upper
106 100
91 179.8 159.1 238.7



#69
o-Xylene
Concen: 18.45 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Tgt Ion:106 Resp: 32698
Ion Ratio Lower Upper
106 100
91 221.7 103.8 311.6





#70

Styrene

Concen: 0.64 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.01 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GW

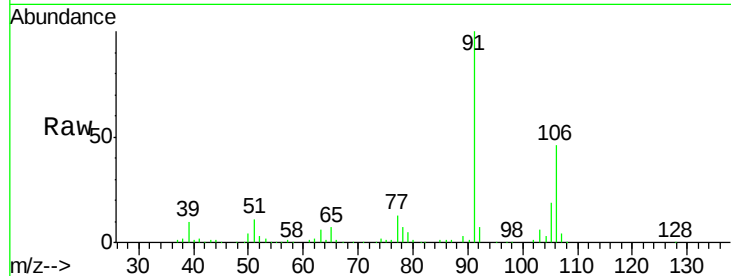
Tgt Ion:104 Resp: 1851

Ion Ratio Lower Upper

104 100

78 289.8 38.2 57.4#

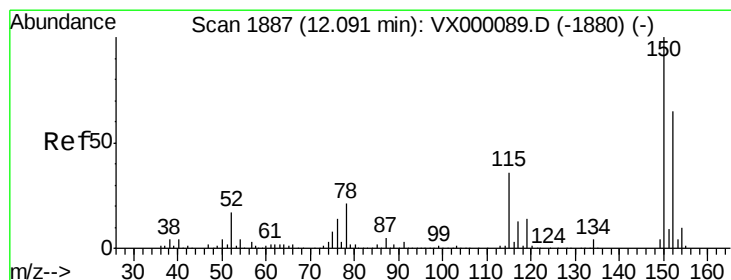
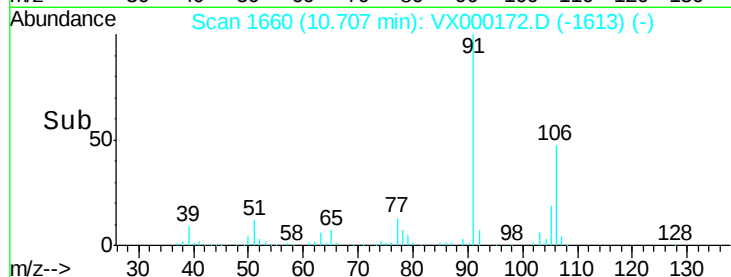
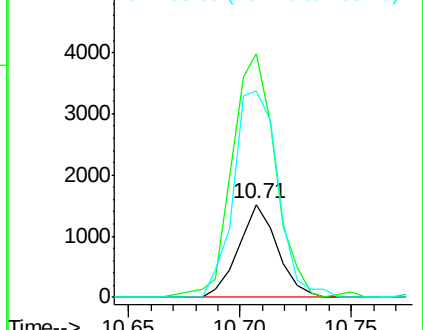
103 254.9 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

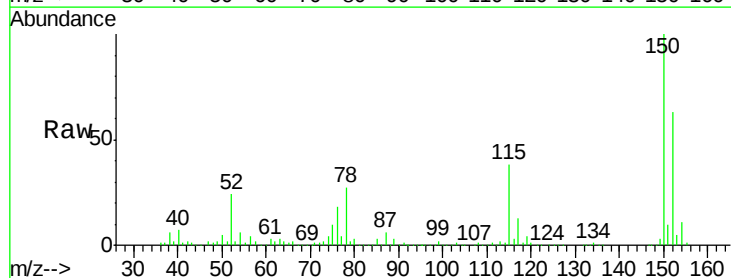
Tgt Ion:152 Resp: 73733

Ion Ratio Lower Upper

152 100

115 60.0 39.1 117.2

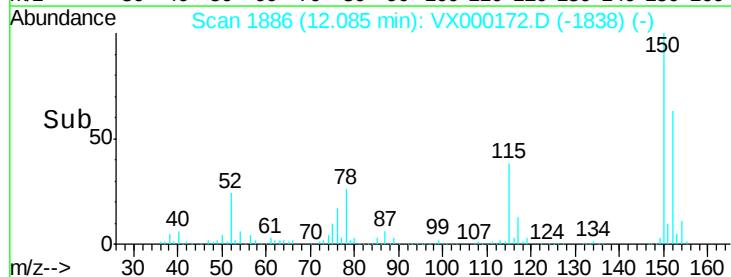
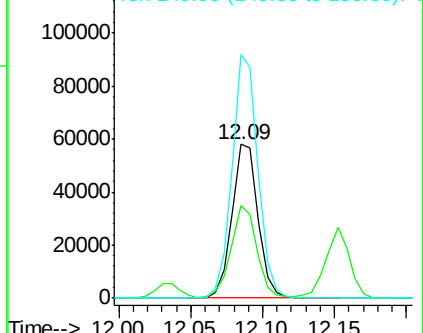
150 156.6 0.0 348.2

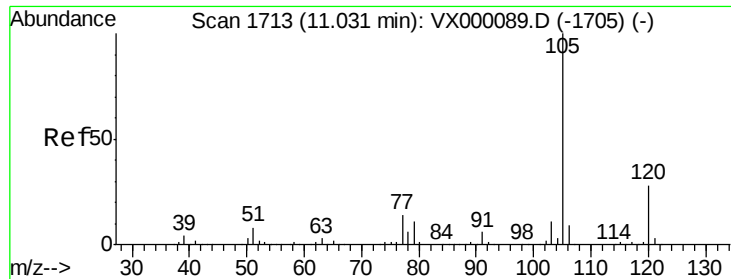


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.28 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

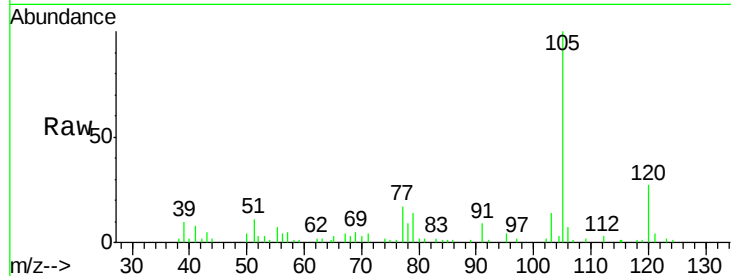
RFK-RMAB-MW10-GW

Tgt Ion:105 Resp: 10662

Ion Ratio Lower Upper

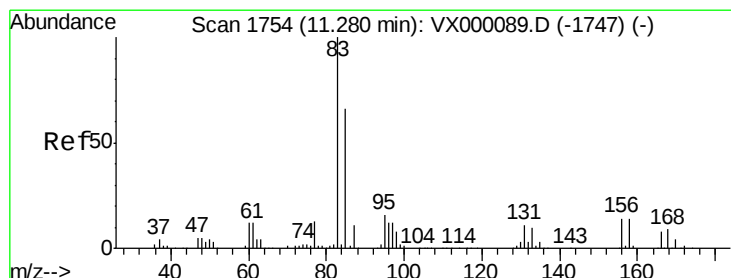
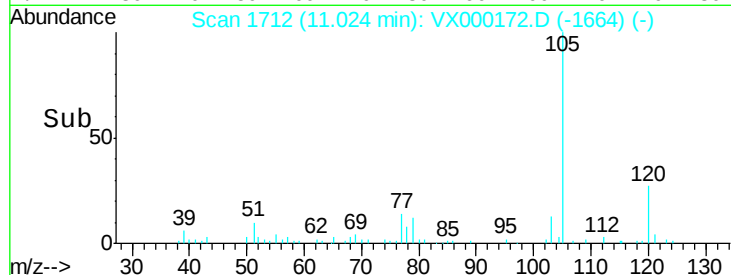
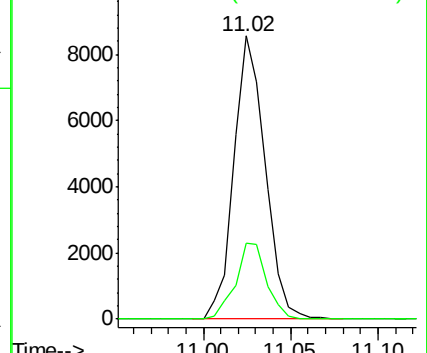
105 100

120 26.6 14.0 42.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.42 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

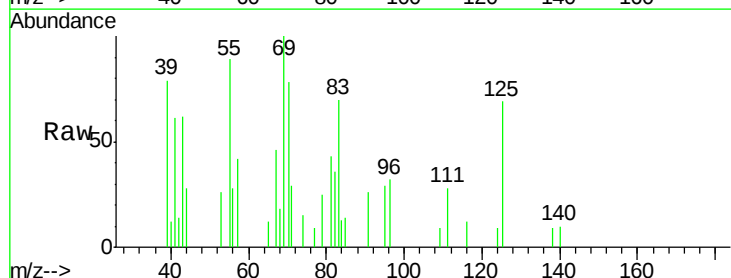
Tgt Ion: 83 Resp: 685

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

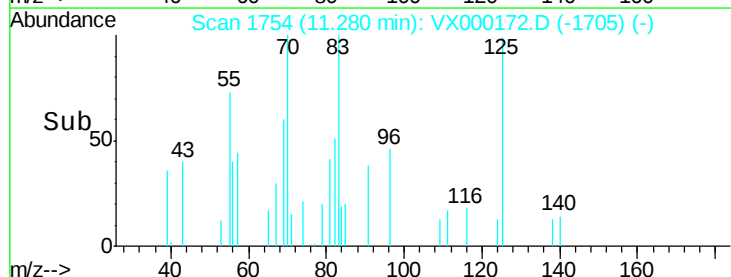
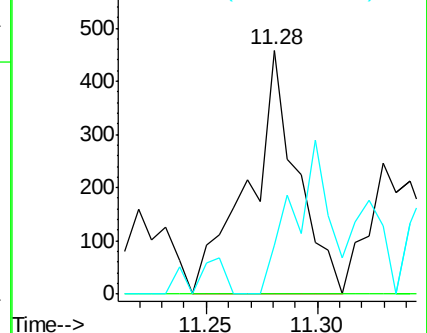
85 47.7 32.3 96.8

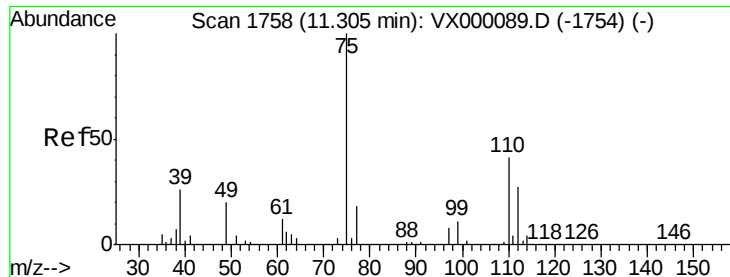


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

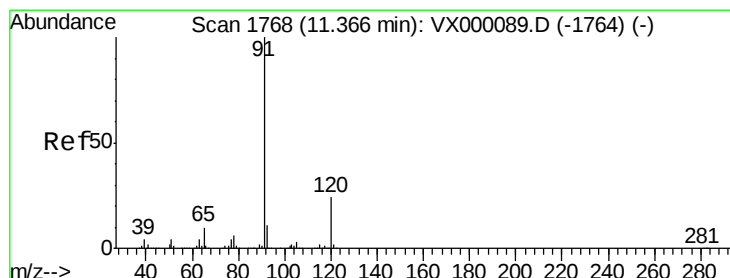
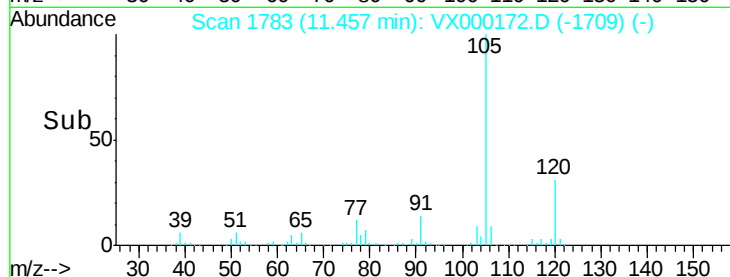
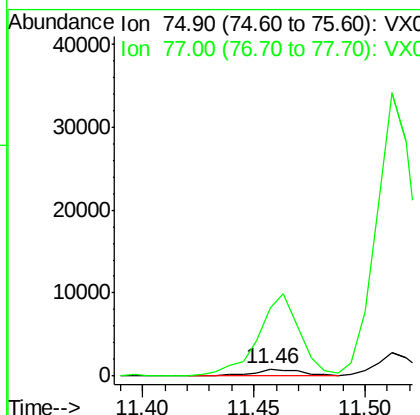
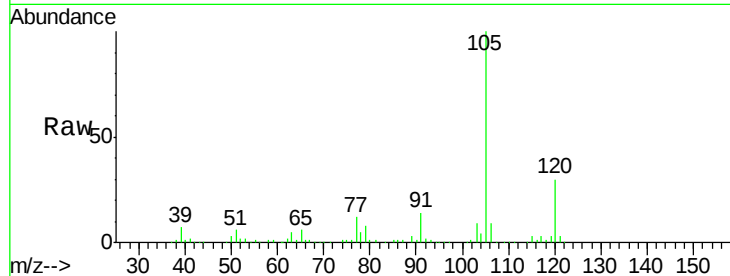




#76
1,2,3-Trichloropropane
Concen: 0.82 ug/l
RT: 11.46 min Scan# 1783
Delta R.T. 0.15 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

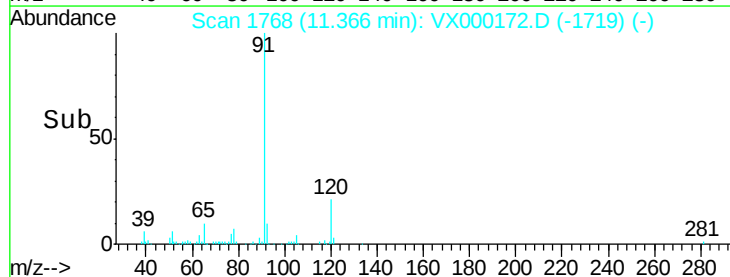
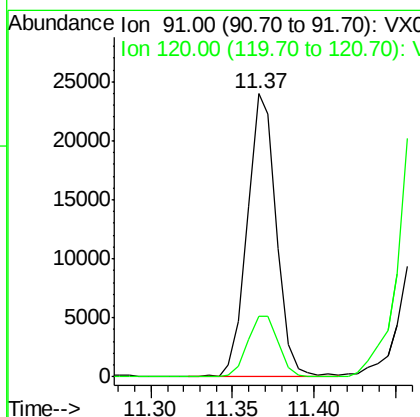
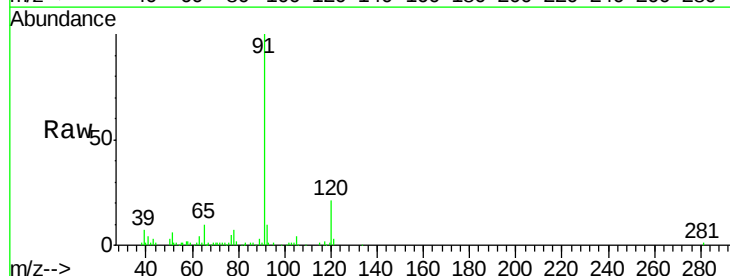
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

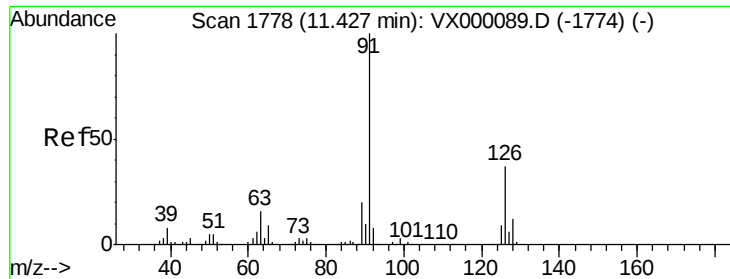
Tgt Ion: 75 Resp: 1245
Ion Ratio Lower Upper
75 100
77 1042.1 22.8 68.3#



#78
n-propylbenzene
Concen: 5.43 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Tgt Ion: 91 Resp: 29898
Ion Ratio Lower Upper
91 100
120 22.7 12.3 36.9





#79

2-Chlorotoluene

Concen: 4.65 ug/l

RT: 11.46 min Scan# 1784

Delta R.T. 0.04 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

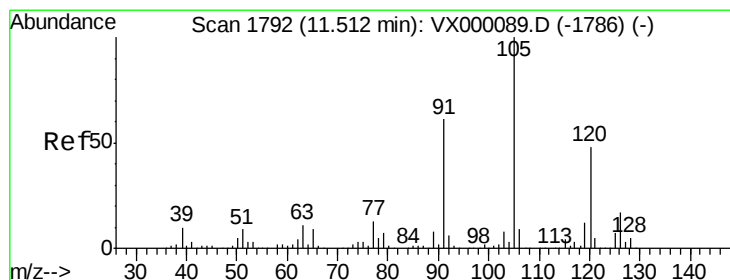
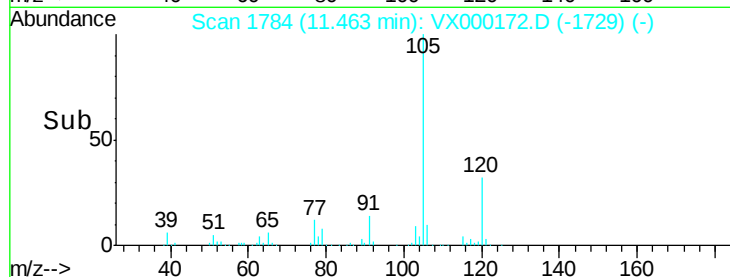
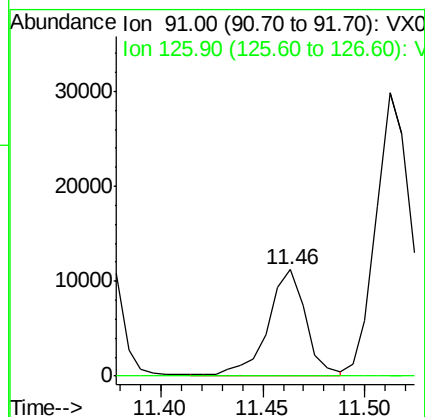
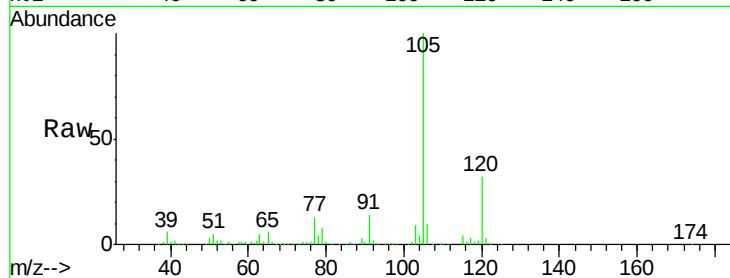
RFK-RMAB-MW10-GW

Tgt Ion: 91 Resp: 14671

Ion Ratio Lower Upper

91 100

126 0.0 18.4 55.2#



#80

1,3,5-Trimethylbenzene

Concen: 76.76 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000172.D

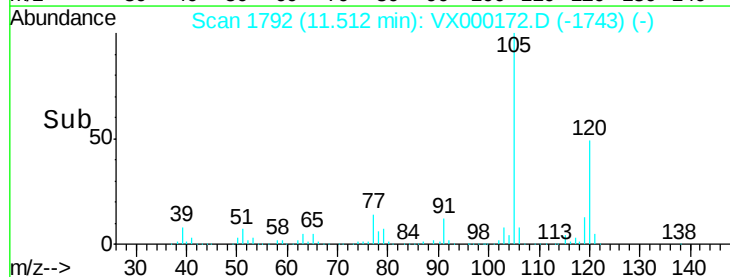
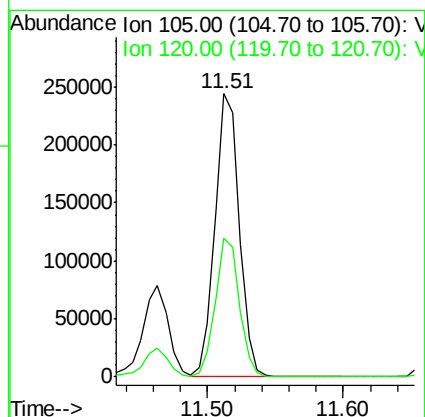
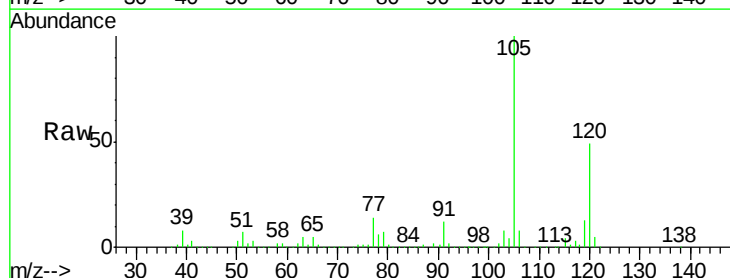
Acq: 28 Feb 2018 17:28

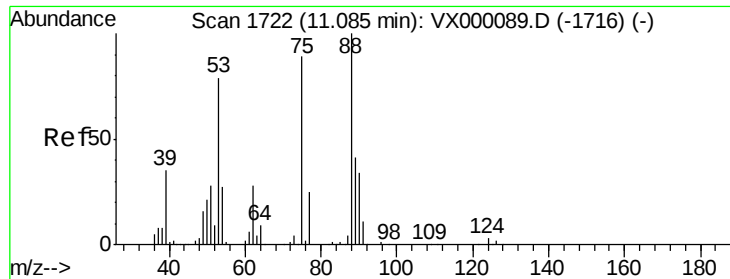
Tgt Ion: 105 Resp: 303262

Ion Ratio Lower Upper

105 100

120 48.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 65.01 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GW

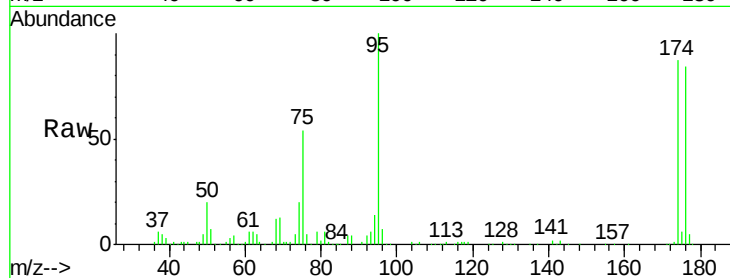
Tgt Ion: 75 Resp: 34865

Ion Ratio Lower Upper

75 100

53 0.0 72.3 108.5#

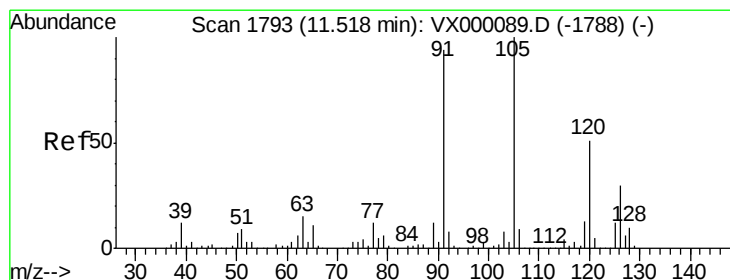
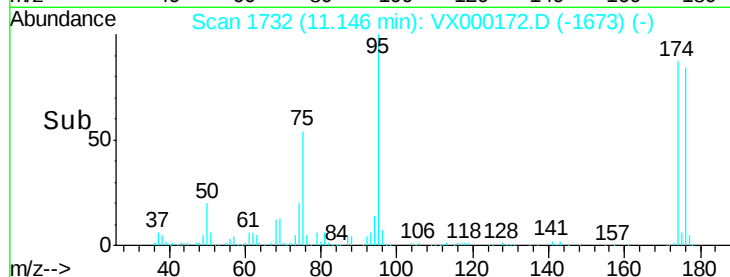
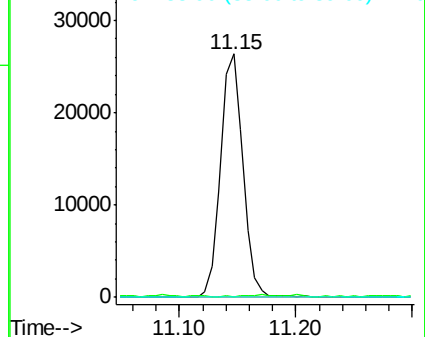
89 0.0 40.6 60.8#



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: 9.40 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000172.D

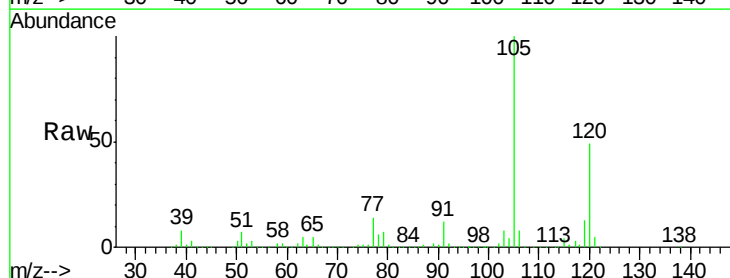
Acq: 28 Feb 2018 17:28

Tgt Ion: 91 Resp: 35851

Ion Ratio Lower Upper

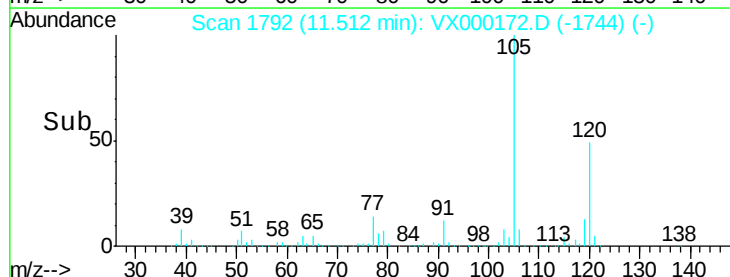
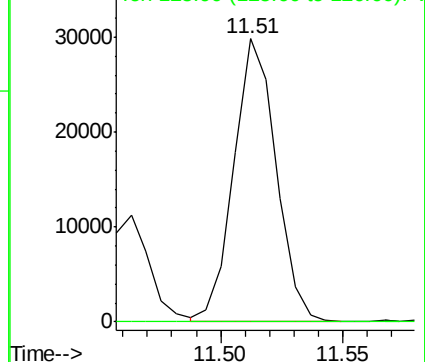
91 100

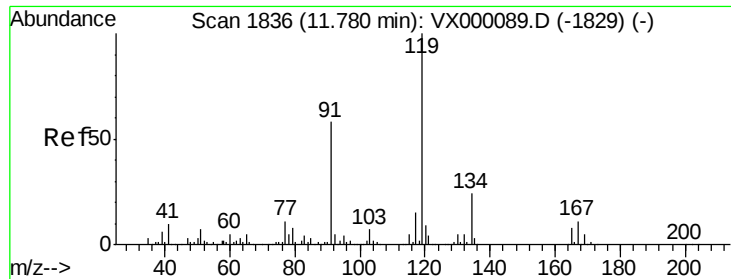
126 0.1 16.7 50.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

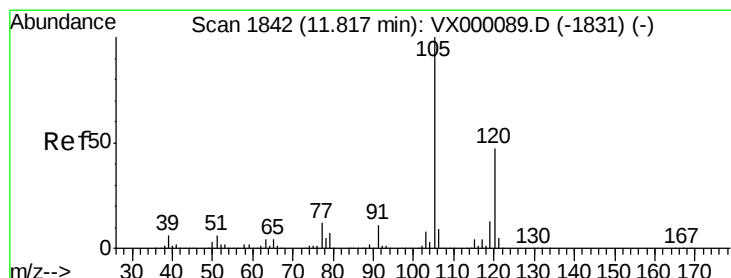
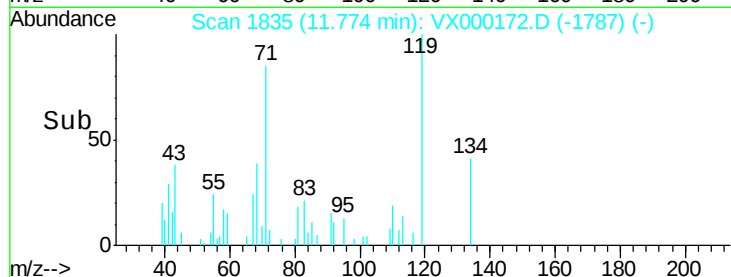
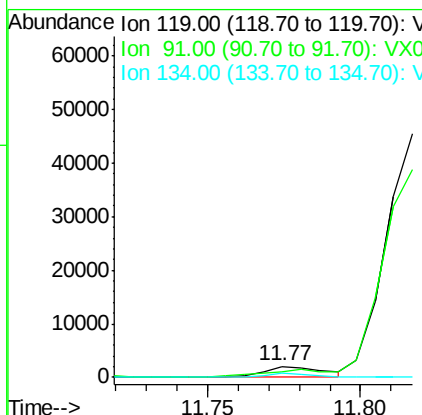
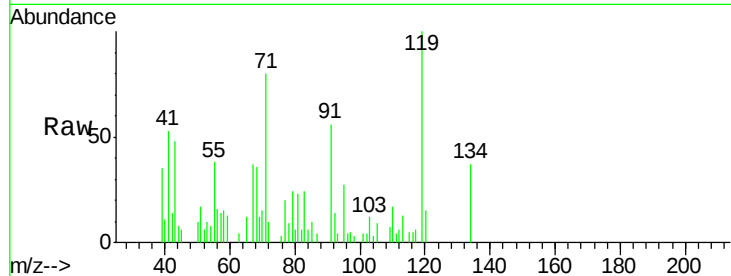




#83
 tert-Butylbenzene
 Concen: 0.69 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VX000172.D
 Acq: 28 Feb 2018 17:28

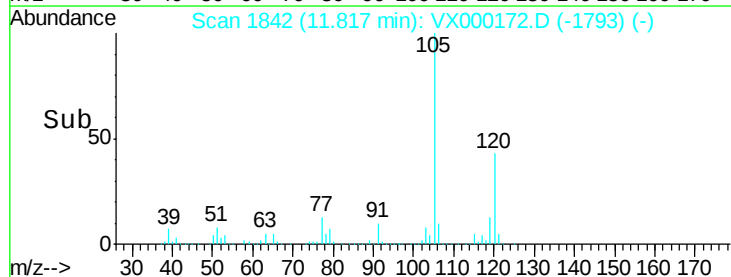
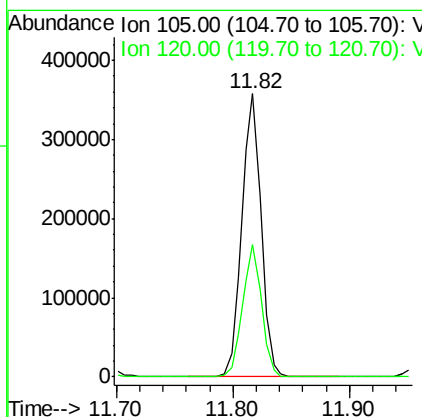
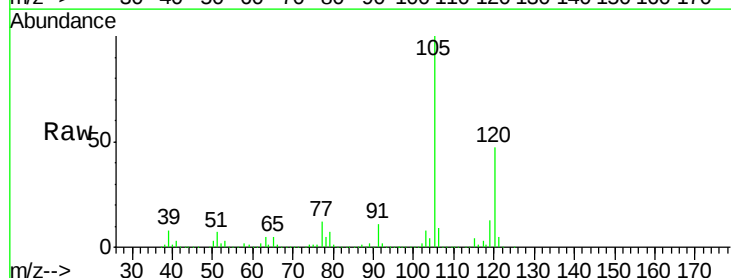
Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW10-GW

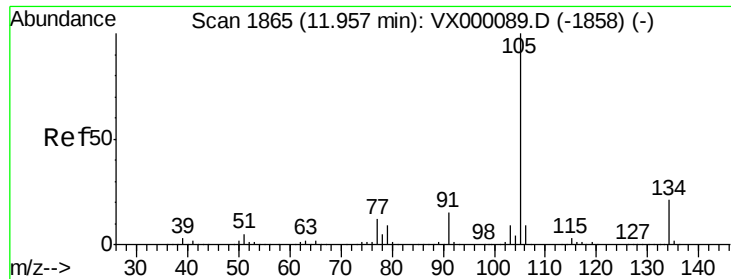
Tgt Ion:119 Resp: 2756
 Ion Ratio Lower Upper
 119 100
 91 0.0 28.4 85.2#
 134 30.7 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 100.97 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000172.D
 Acq: 28 Feb 2018 17:28

Tgt Ion:105 Resp: 414173
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2

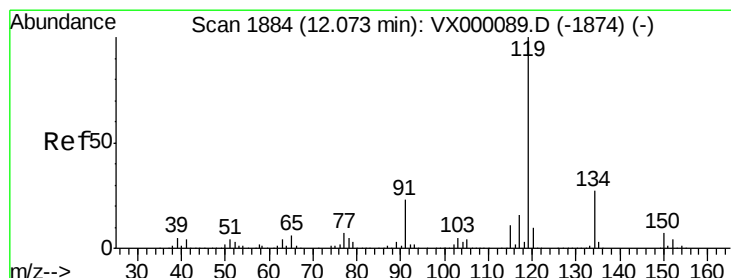
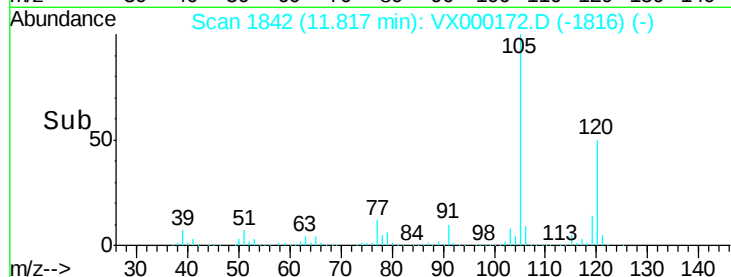
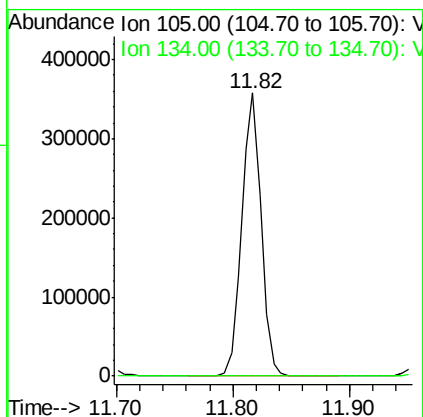
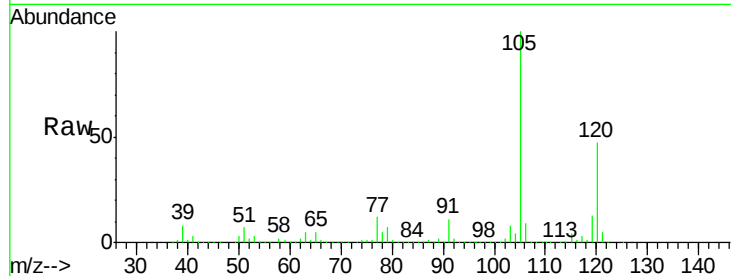




#85
 sec-Butylbenzene
 Concen: 83.57 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.14 min
 Lab File: VX000172.D
 Acq: 28 Feb 2018 17:28

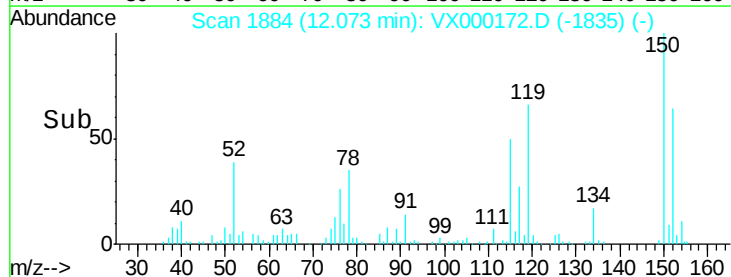
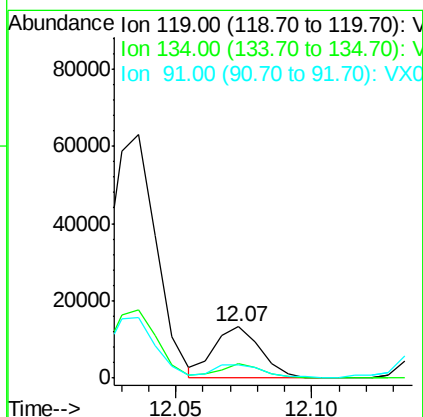
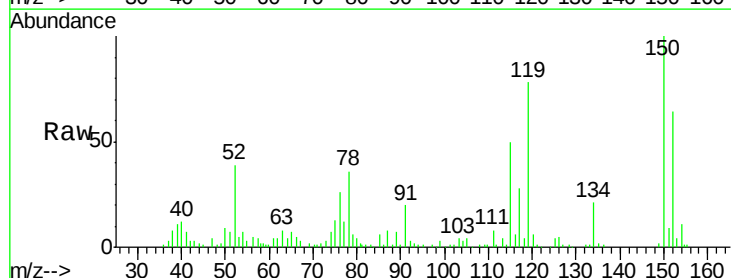
Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW10-GW

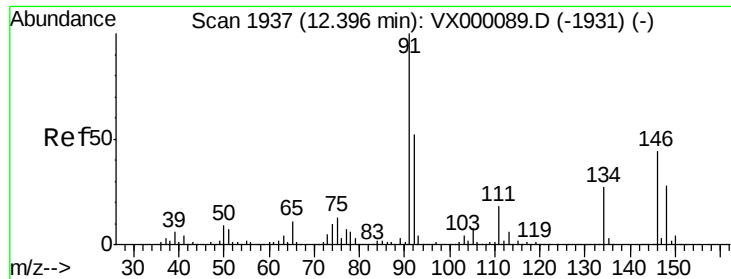
Tgt Ion:105 Resp: 414070
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.6#



#86
 p-Isopropyltoluene
 Concen: 3.58 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000172.D
 Acq: 28 Feb 2018 17:28

Tgt Ion:119 Resp: 15840
 Ion Ratio Lower Upper
 119 100
 134 22.8 13.7 41.0
 91 26.6 11.7 35.0

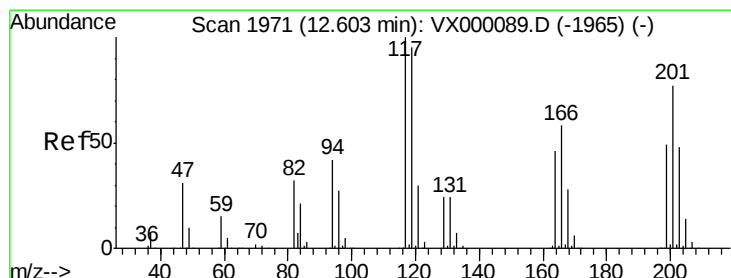
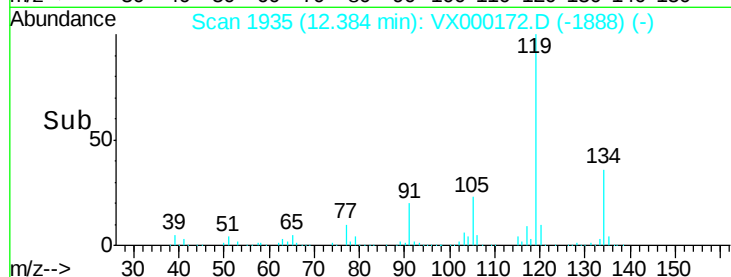
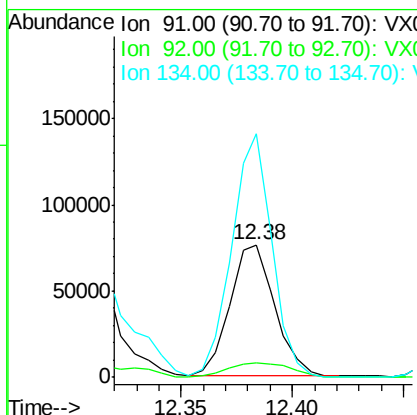
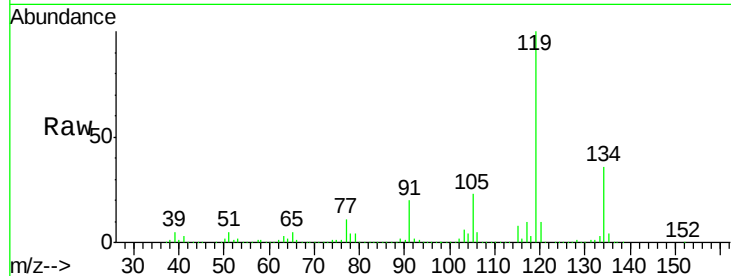




#89
n-Butylbenzene
Concen: 25.64 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

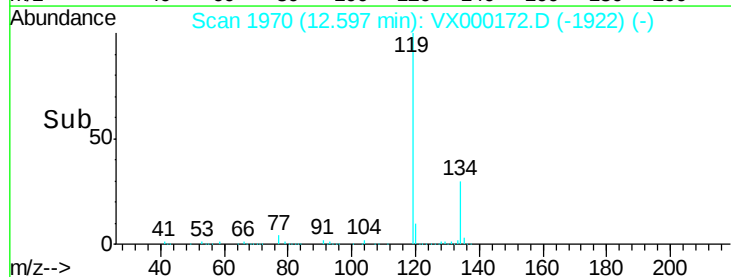
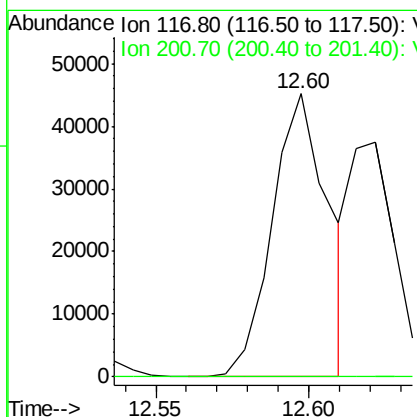
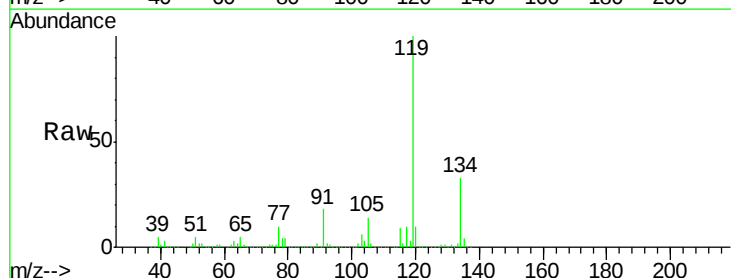
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

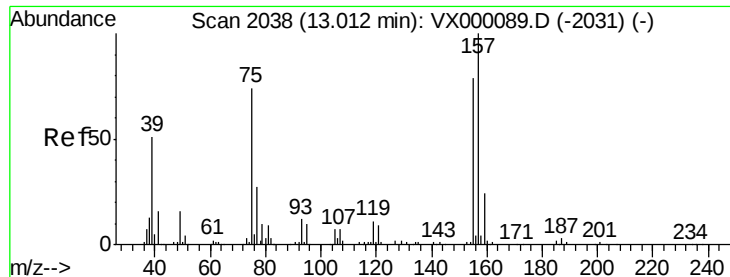
Tgt Ion: 91 Resp: 107026
Ion Ratio Lower Upper
91 100
92 15.3 26.2 78.6#
134 166.0 14.3 42.9#



#90
Hexachloroethane
Concen: 79.92 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Tgt Ion: 117 Resp: 57601
Ion Ratio Lower Upper
117 100
201 0.0 41.1 123.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 21.50 ug/l

RT: 13.03 min Scan# 2041

Delta R.T. 0.02 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GW

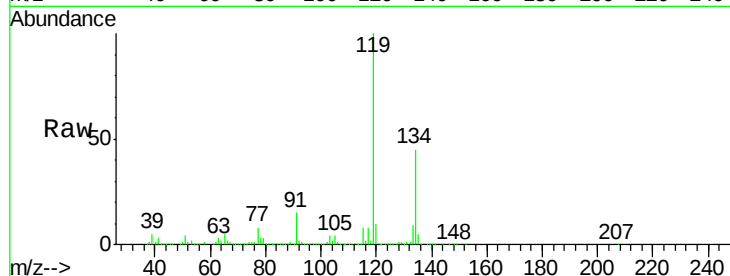
Tgt Ion: 75 Resp: 9713

Ion Ratio Lower Upper

75 100

155 0.0 49.3 147.9#

157 0.0 63.7 191.1#

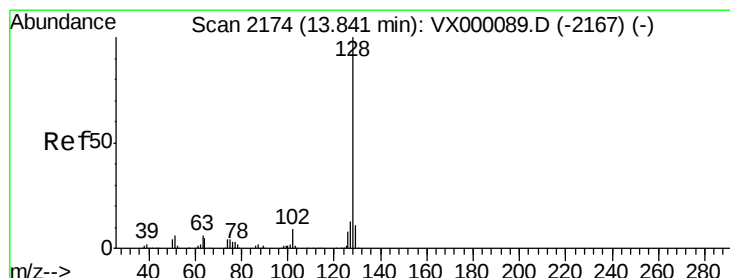
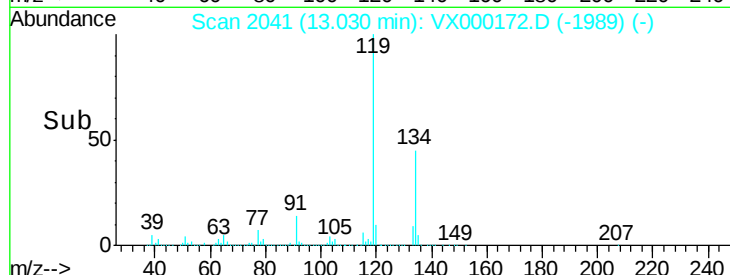
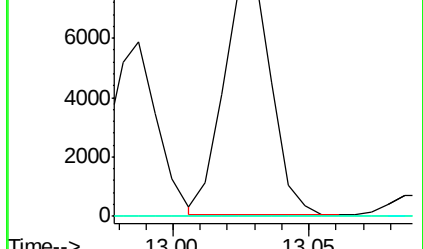


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

Time-->



#95

Naphthalene

Concen: 86.68 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

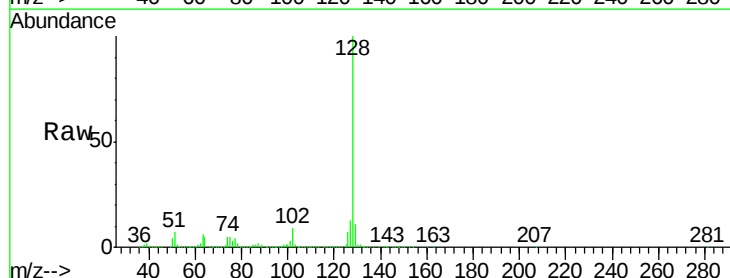
Tgt Ion: 128 Resp: 527285

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 12.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

Time-->

