

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
 Data File : VX000177.D
 Acq On : 28 Feb 2018 19:40
 Operator : JC/MD
 Sample : J1683-03DL 2X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 01 17:51:09 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	108205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	182821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95055	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	74811	55.36	ug/l	0.00
Spiked Amount			Recovery	=	110.72%	
35) Dibromofluoromethane	5.51	113	56343	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
50) Toluene-d8	8.73	98	216125	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.15	95	81960	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	

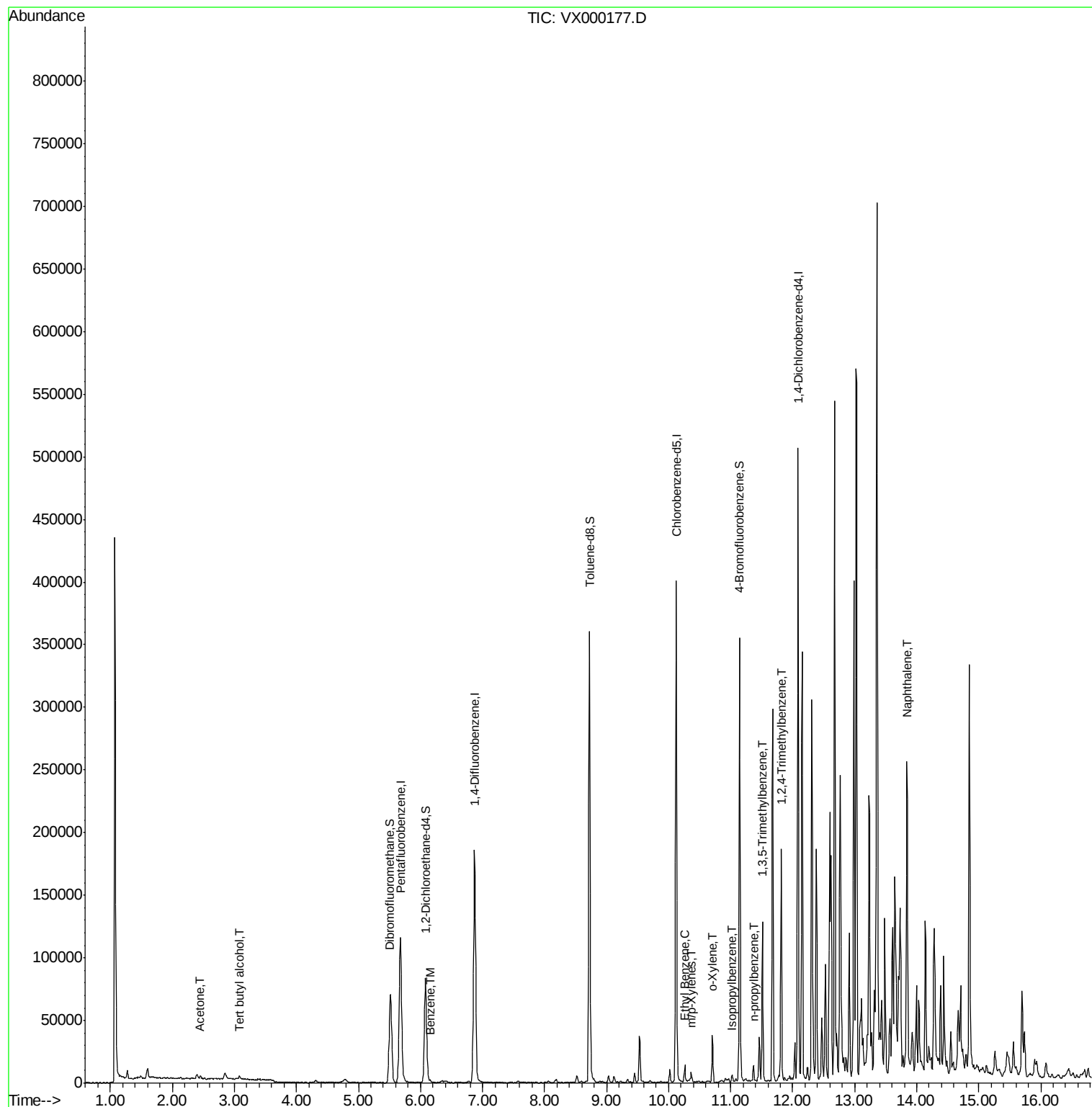
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.08	59	3393	6.52	ug/l	95
16) Acetone	2.45	43	2249	2.57	ug/l	# 78
40) Benzene	6.15	78	1662	0.35	ug/l	92
67) Ethyl Benzene	10.26	91	7732	1.24	ug/l	95
68) m/p-Xylenes	10.37	106	1967	0.80	ug/l	77
69) o-Xylene	10.71	106	7788	3.27	ug/l	99
73) Isopropylbenzene	11.02	105	1826	0.30	ug/l	92
78) n-propylbenzene	11.37	91	4865	0.68	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	53317	10.47	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	74891	14.16	ug/l	100
95) Naphthalene	13.84	128	145104	18.50	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
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: VX000177.D

Acq: 28 Feb 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

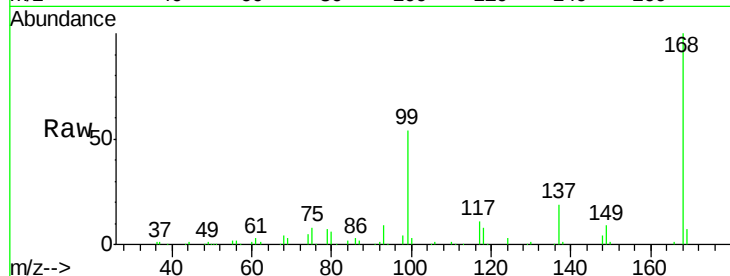
RFK-RMAB-MW10-GWDL

Tot Ion:168 Resp: 108205

Ion Ratio Lower Upper

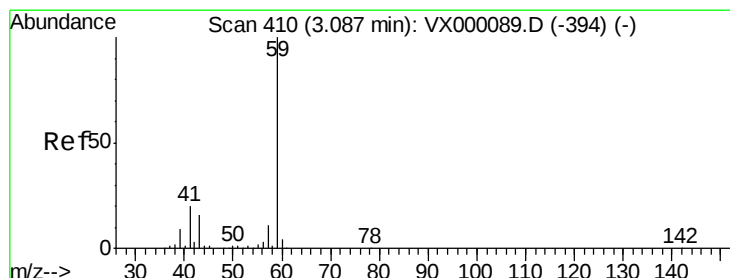
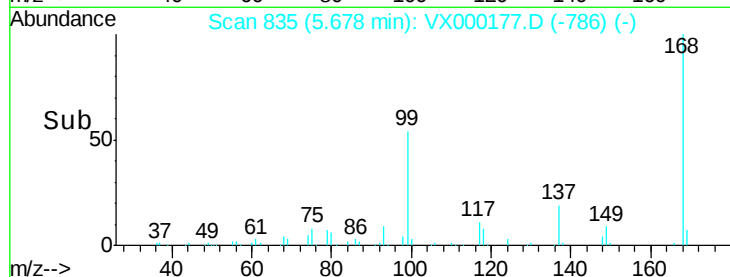
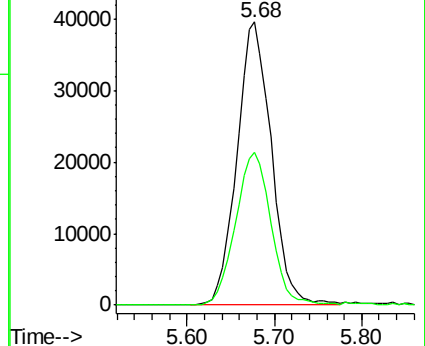
168 100

99 53.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 6.52 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX000177.D

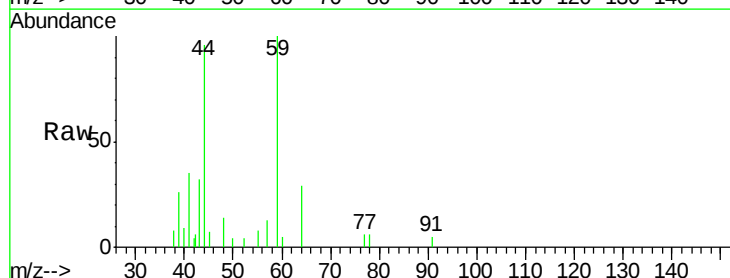
Acq: 28 Feb 2018 19:40

Tgt Ion: 59 Resp: 3393

Ion Ratio Lower Upper

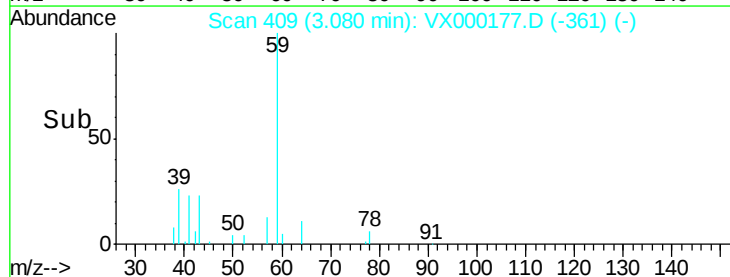
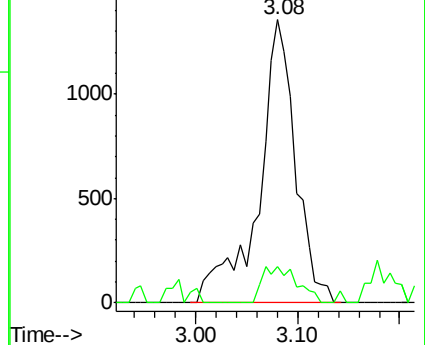
59 100

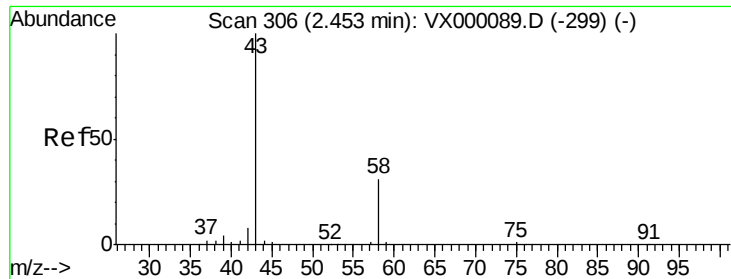
57 12.2 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 2.57 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000177.D

Acq: 28 Feb 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

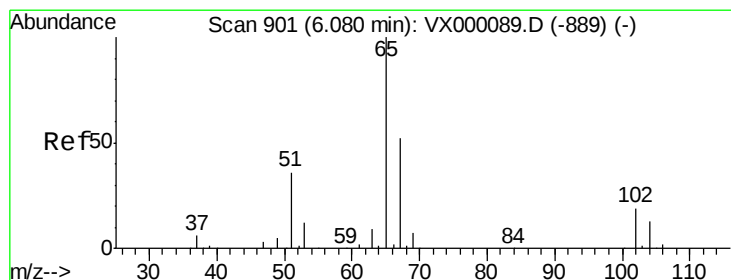
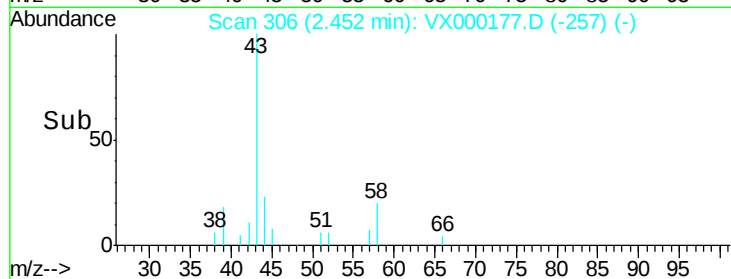
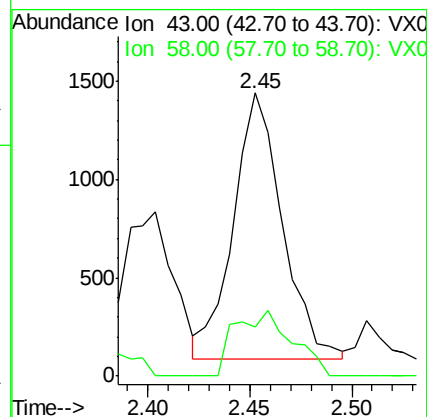
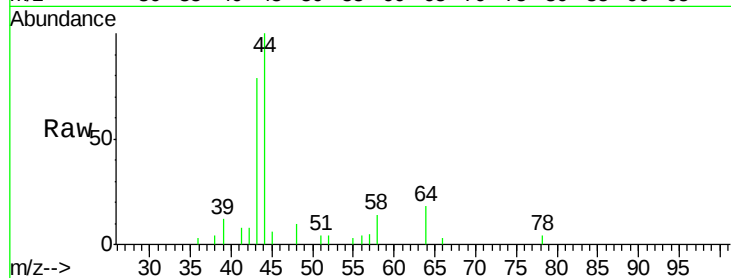
RFK-RMAB-MW10-GWDL

Tot Ion: 43 Resp: 2249

Ion Ratio Lower Upper

43 100

58 19.2 25.0 37.4#



#33

1,2-Dichloroethane-d4

Concen: 55.36 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000177.D

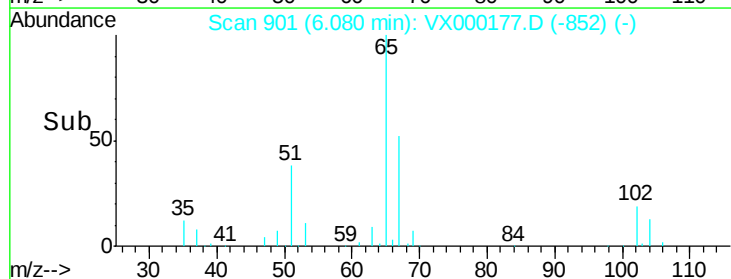
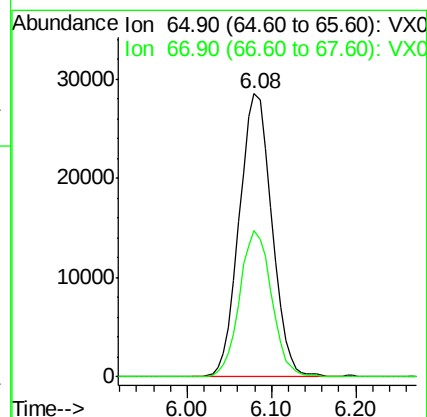
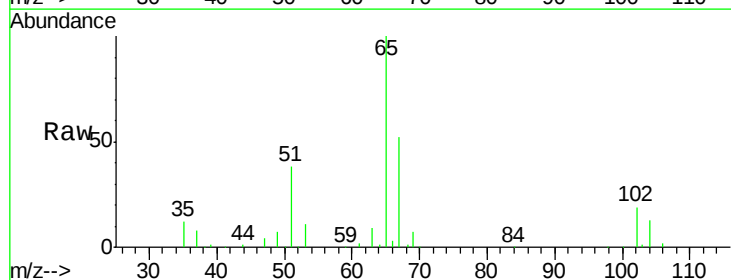
Acq: 28 Feb 2018 19:40

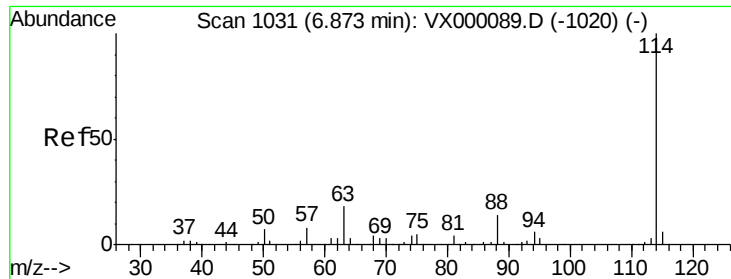
Tgt Ion: 65 Resp: 74811

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: VX000177.D

Acq: 28 Feb 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GWDL

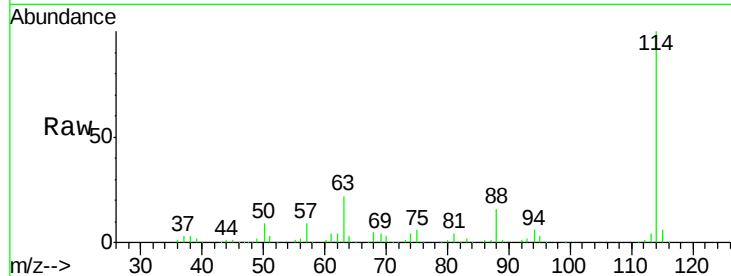
Tot Ion:114 Resp: 182821

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

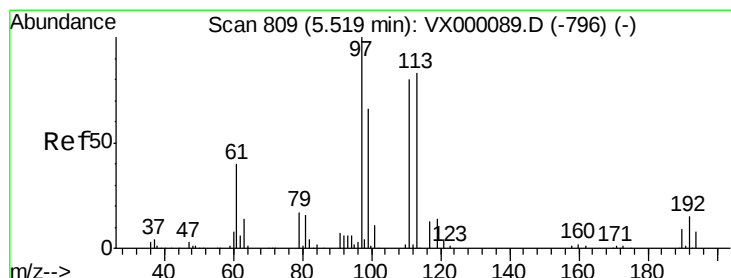
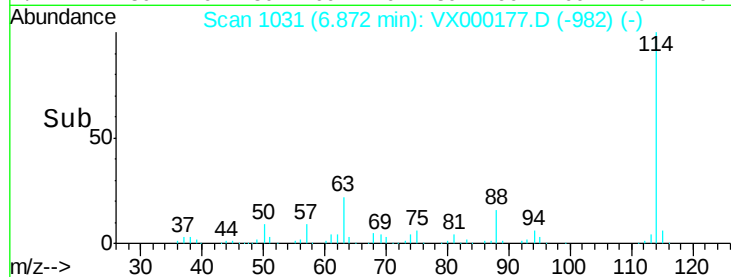
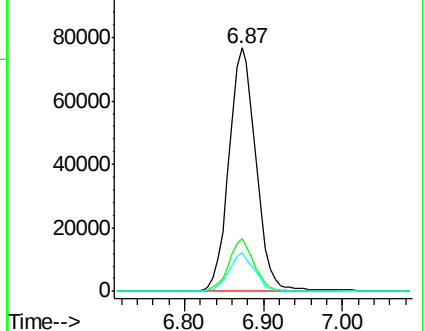
88 15.7 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.83 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000177.D

Acq: 28 Feb 2018 19:40

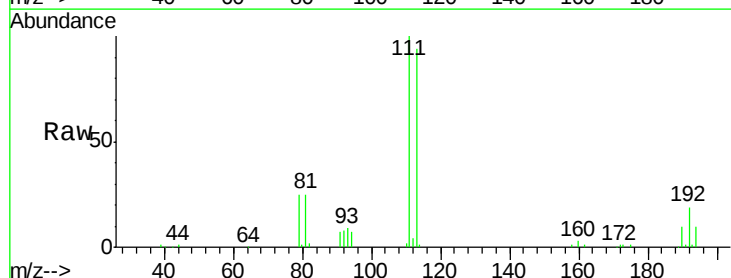
Tgt Ion:113 Resp: 56343

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.6

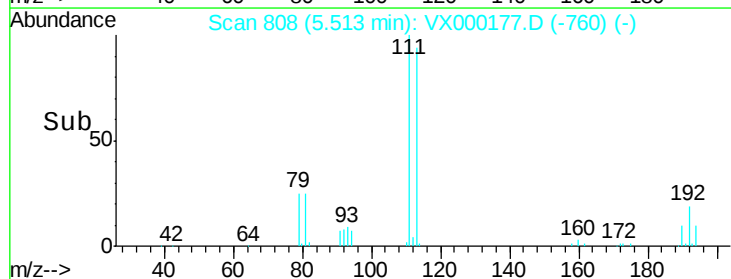
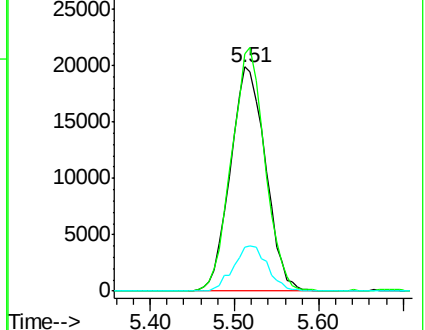
192 19.5 15.7 23.5

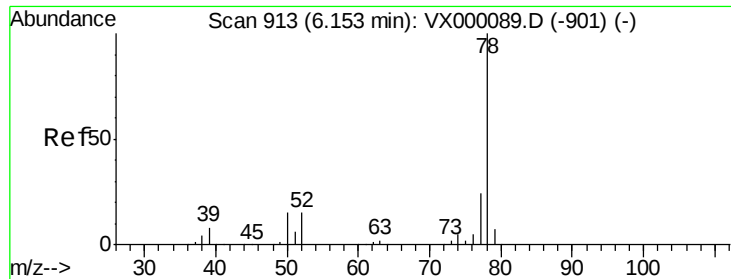


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

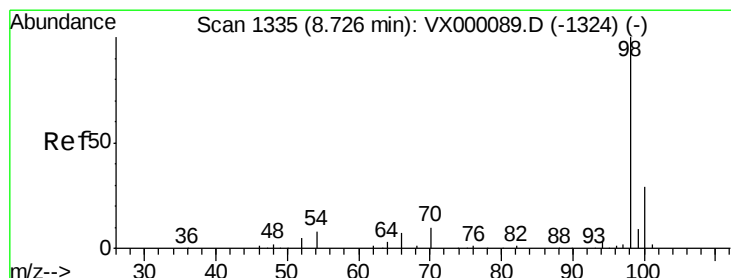
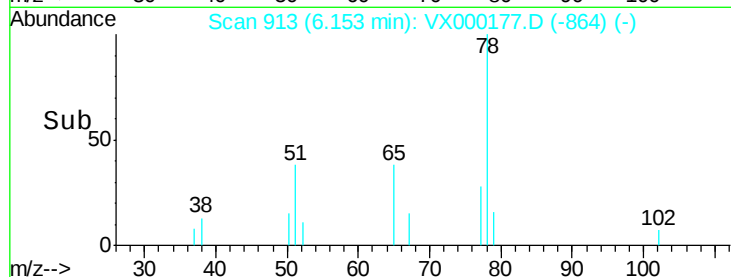
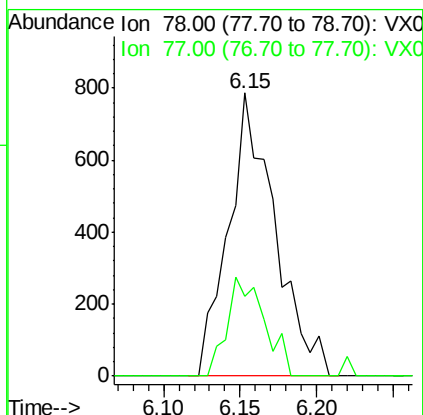
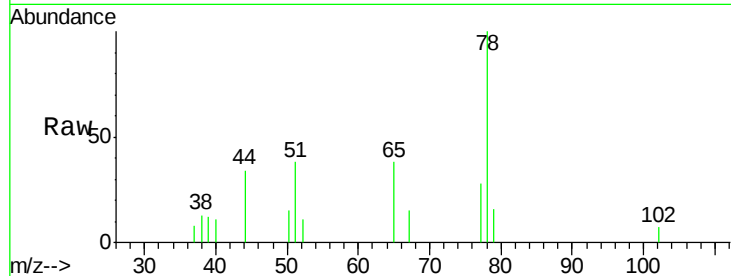




#40
Benzene
Concen: 0.35 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000177.D
Acq: 28 Feb 2018 19:40

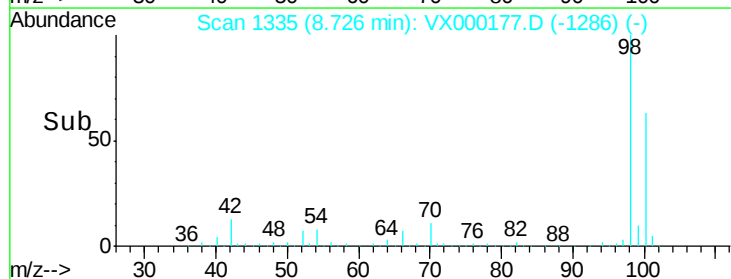
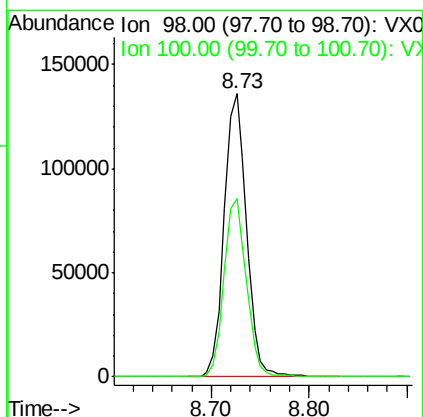
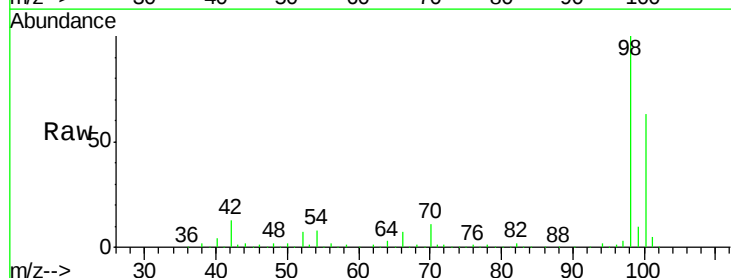
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GWDL

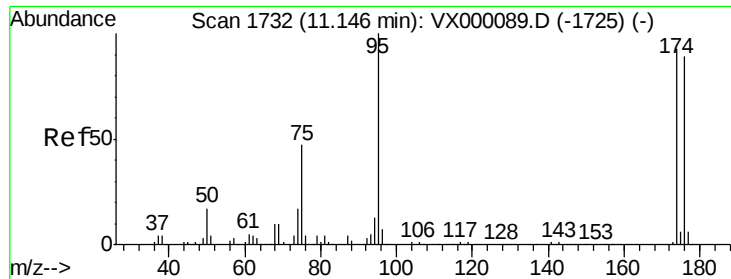
Tot Ion: 78 Resp: 1662
Ion Ratio Lower Upper
78 100
77 28.4 19.4 29.0



#50
Toluene-d8
Concen: 47.48 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000177.D
Acq: 28 Feb 2018 19:40

Tgt Ion: 98 Resp: 216125
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2

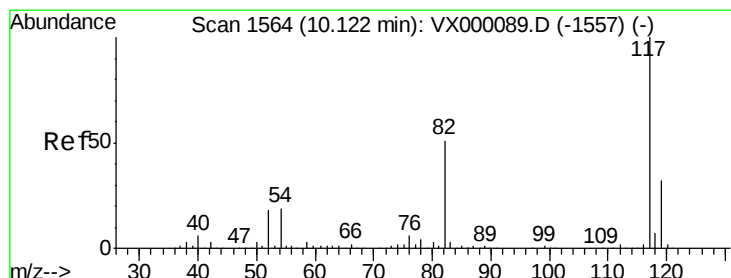
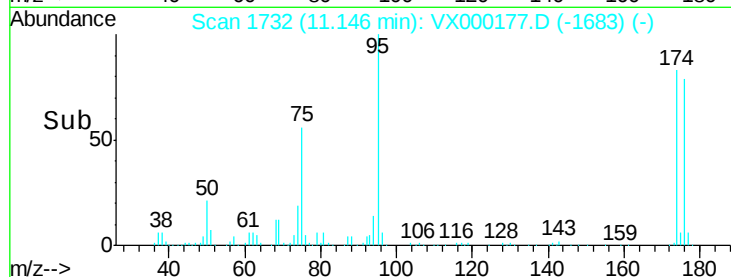
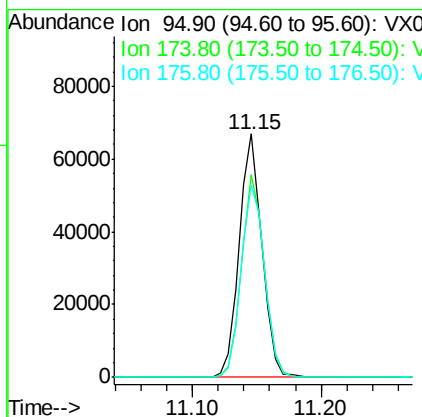
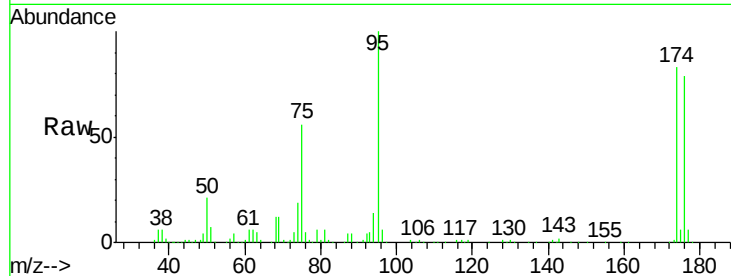




#62
4-Bromofluorobenzene
Concen: 45.92 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000177.D
Acq: 28 Feb 2018 19:40

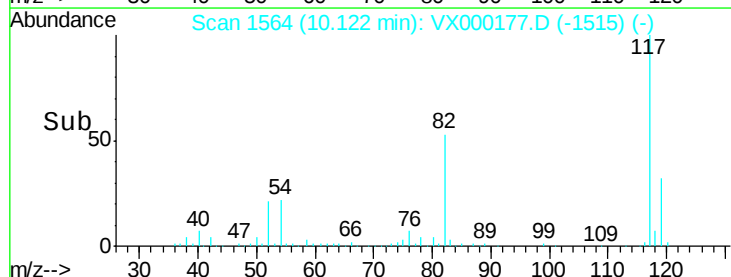
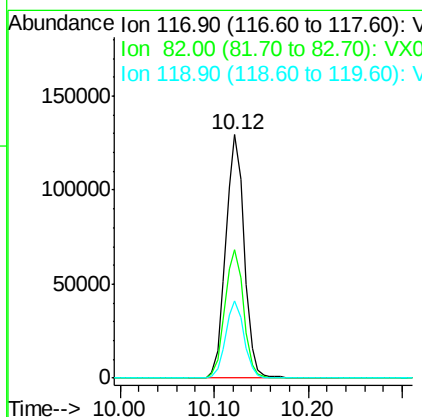
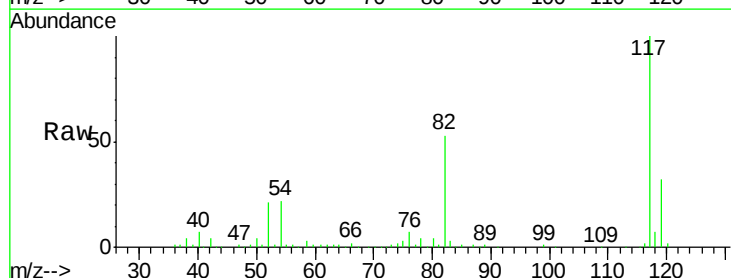
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GWDL

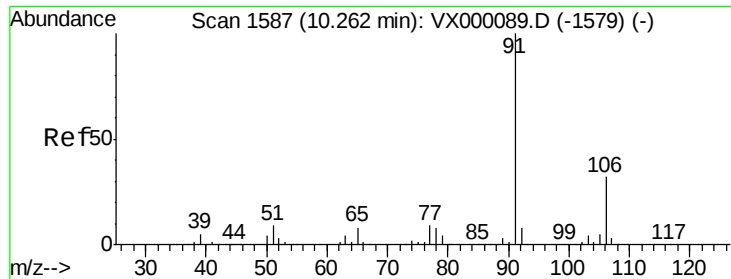
Tot Ion: 95 Resp: 81960
Ion Ratio Lower Upper
95 100
174 82.8 0.0 187.8
176 80.7 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000177.D
Acq: 28 Feb 2018 19:40

Tgt Ion: 117 Resp: 176228
Ion Ratio Lower Upper
117 100
82 53.0 41.0 61.6
119 32.0 25.5 38.3





#67

Ethyl Benzene

Concen: 1.24 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000177.D

Acq: 28 Feb 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

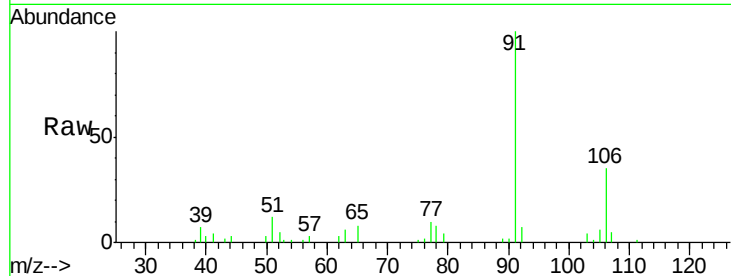
RFK-RMAB-MW10-GWDL

Tot Ion: 91 Resp: 7732

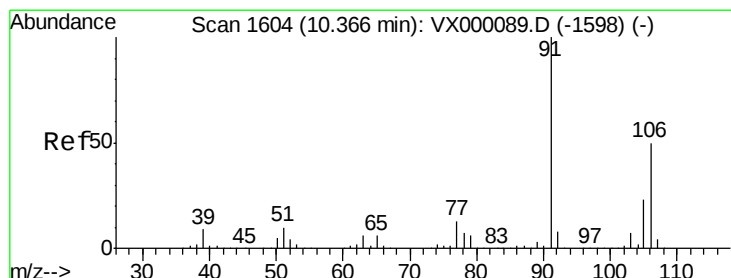
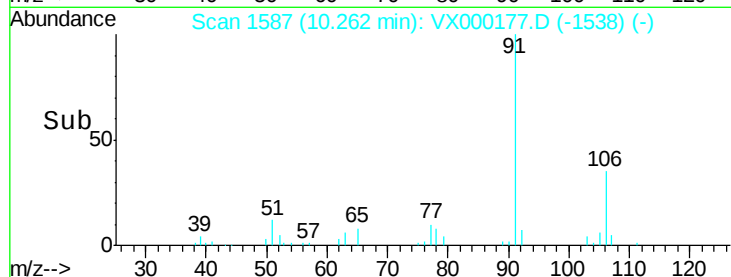
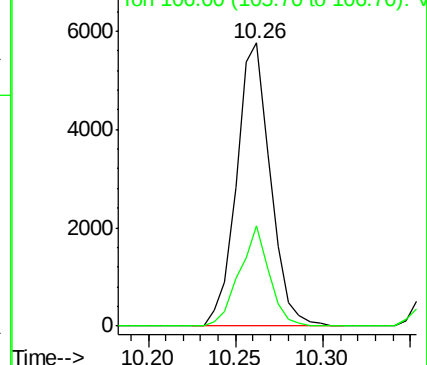
Ion Ratio Lower Upper

91 100

106 35.2 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX000089.D (-1579) (-)



#68

m/p-Xylenes

Concen: 0.80 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000177.D

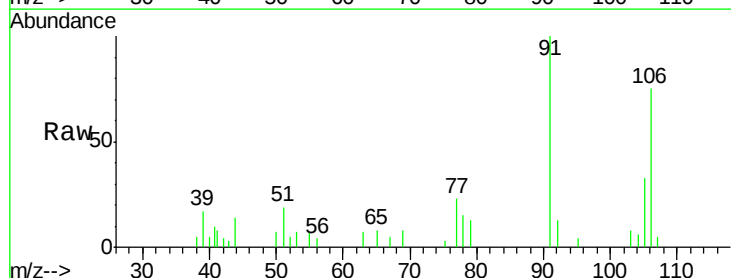
Acq: 28 Feb 2018 19:40

Tgt Ion: 106 Resp: 1967

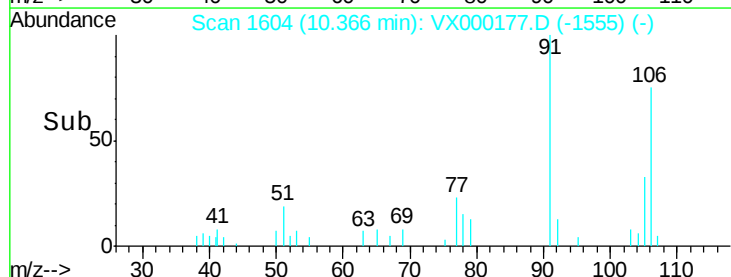
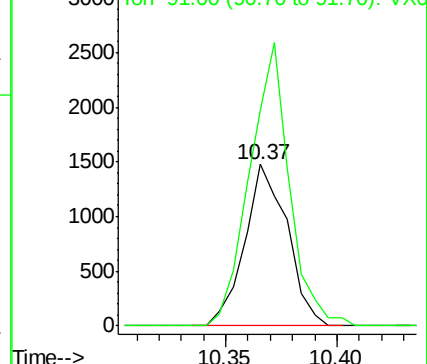
Ion Ratio Lower Upper

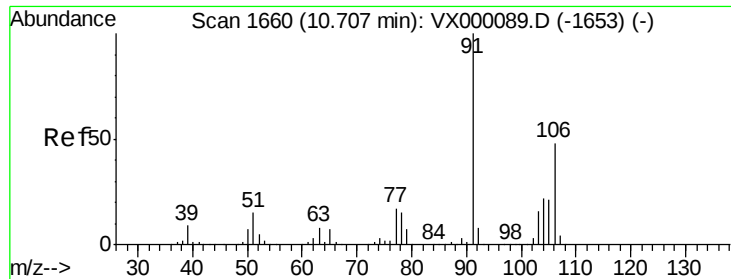
106 100

91 163.8 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): VX000089.D (-1598) (-)

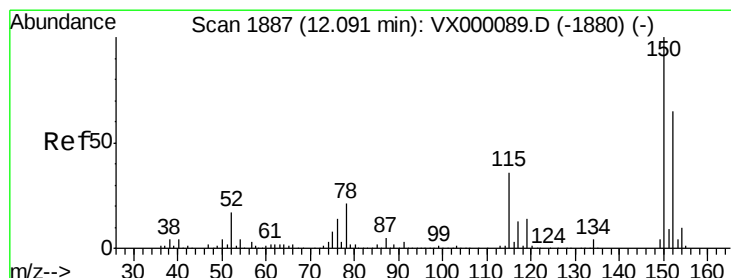
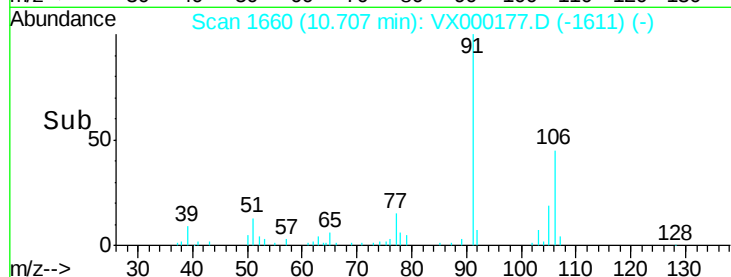
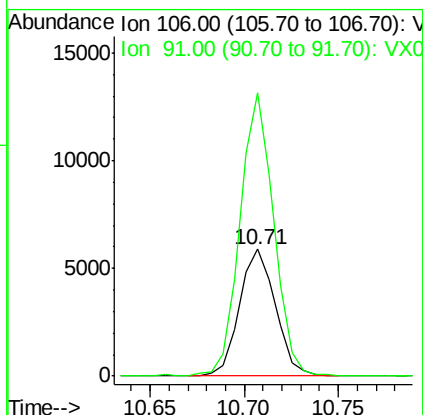
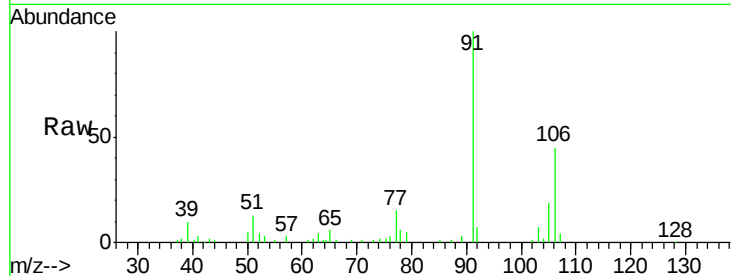




#69
o-Xylene
Concen: 3.27 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000177.D
Acq: 28 Feb 2018 19:40

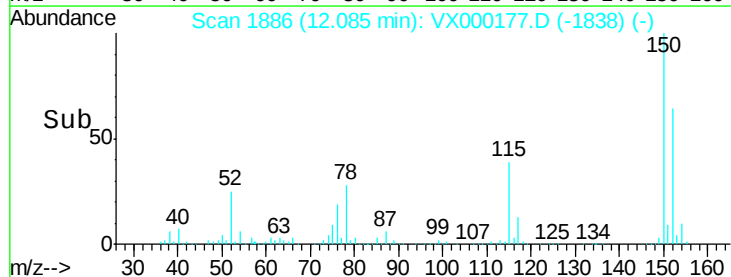
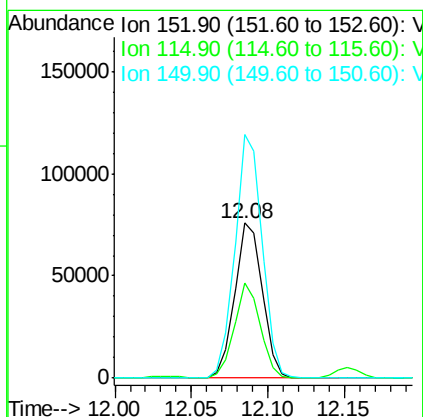
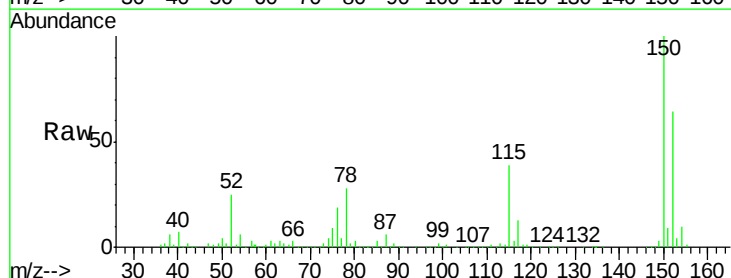
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GWDL

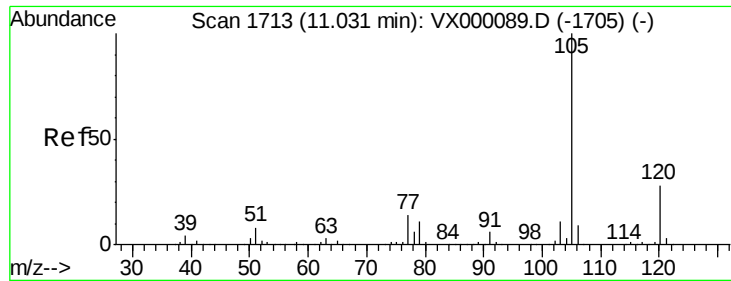
Tot Ion:106 Resp: 7788
Ion Ratio Lower Upper
106 100
91 208.5 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000177.D
Acq: 28 Feb 2018 19:40

Tgt Ion:152 Resp: 95055
Ion Ratio Lower Upper
152 100
115 57.5 39.1 117.2
150 154.5 0.0 348.2





#73

Isopropylbenzene

Concen: 0.30 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000177.D

Acq: 28 Feb 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

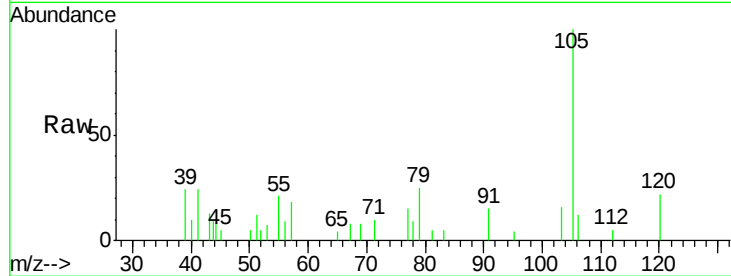
RFK-RMAB-MW10-GWDL

Tot Ion:105 Resp: 1826

Ion Ratio Lower Upper

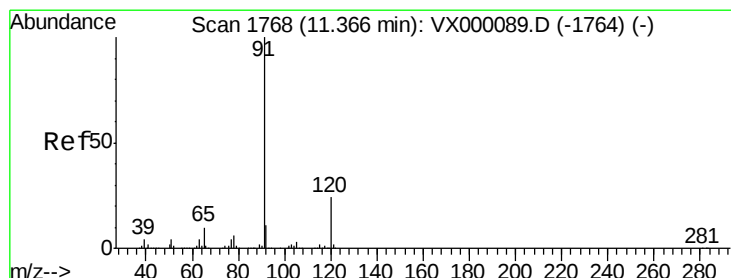
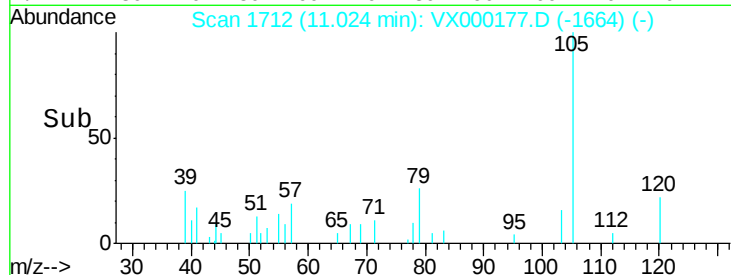
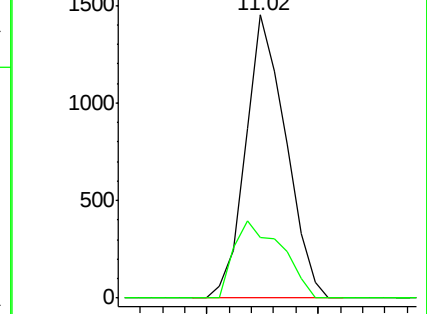
105 100

120 32.4 14.0 42.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.68 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000177.D

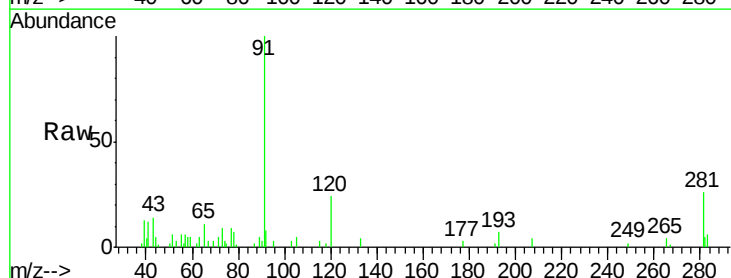
Acq: 28 Feb 2018 19:40

Tgt Ion: 91 Resp: 4865

Ion Ratio Lower Upper

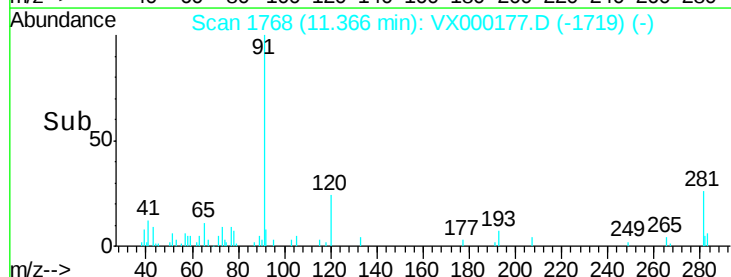
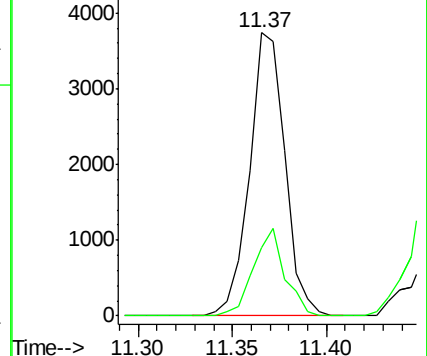
91 100

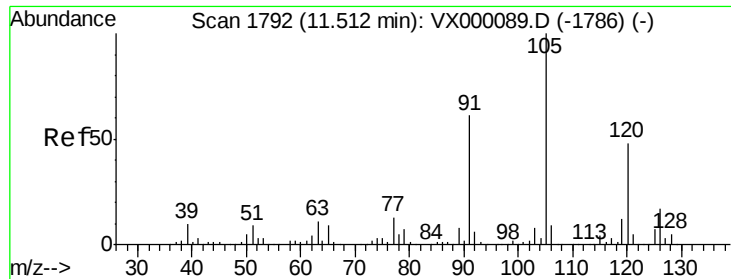
120 27.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

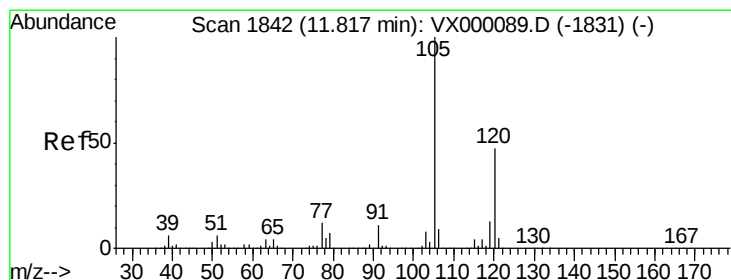
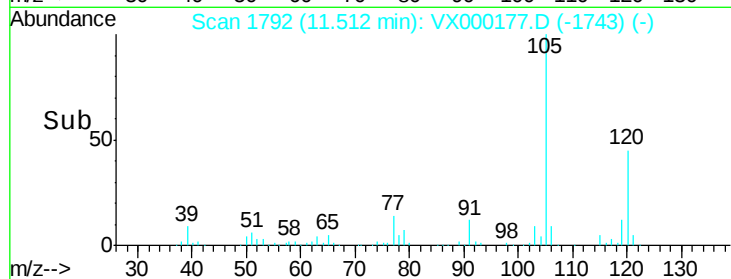
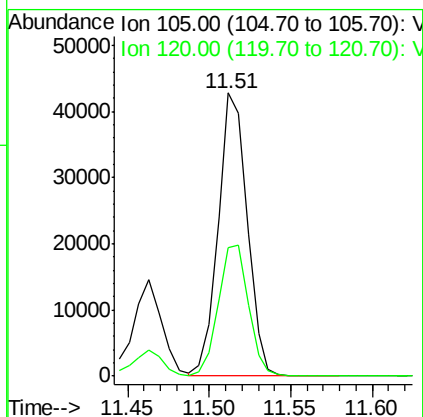
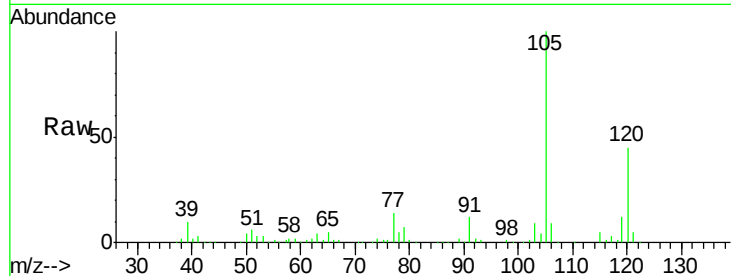




#80
 1,3,5-Trimethylbenzene
 Concen: 10.47 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000177.D
 Acq: 28 Feb 2018 19:40

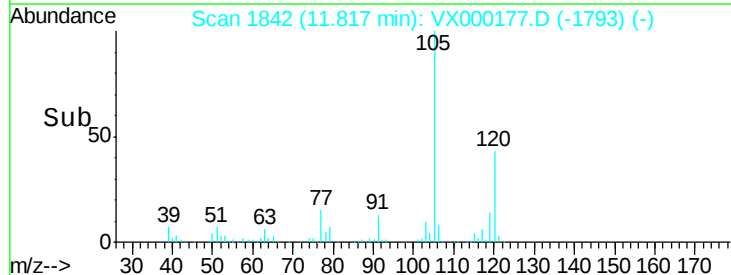
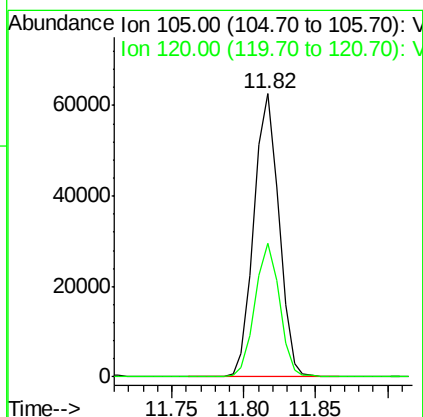
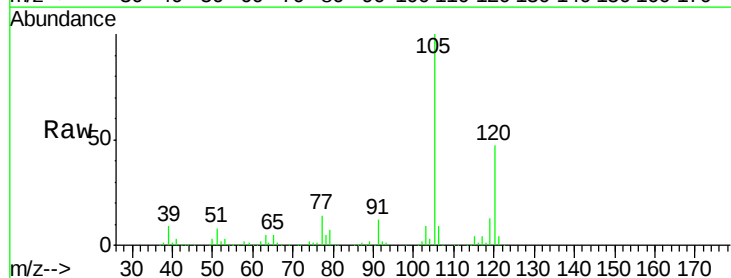
Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW10-GWDL

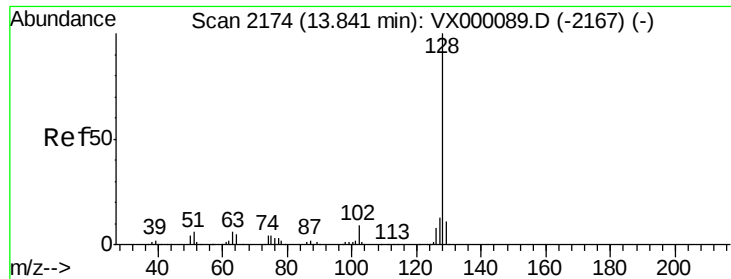
Tot Ion:105 Resp: 53317
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 14.16 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000177.D
 Acq: 28 Feb 2018 19:40

Tgt Ion:105 Resp: 74891
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2





#95

Naphthalene

Concen: 18.50 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000177.D

Acq: 28 Feb 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GWDL

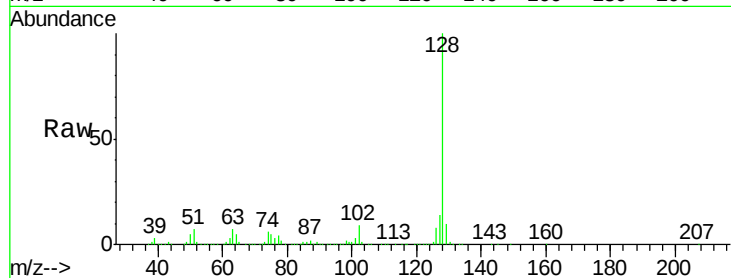
Tot Ion:128 Resp: 145104

Ion Ratio Lower Upper

128 100

127 14.2 10.4 15.6

129 12.0 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

