

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
 Data File : VX000166.D
 Acq On : 28 Feb 2018 14:55
 Operator : JC/MD
 Sample : J1683-02DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW08-GWDL

Quant Time: Mar 01 06:53:19 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	94918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	152592	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	143405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	75529	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	59288	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
35) Dibromofluoromethane	5.51	113	44813	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
50) Toluene-d8	8.73	98	187047	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.15	95	67972	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	

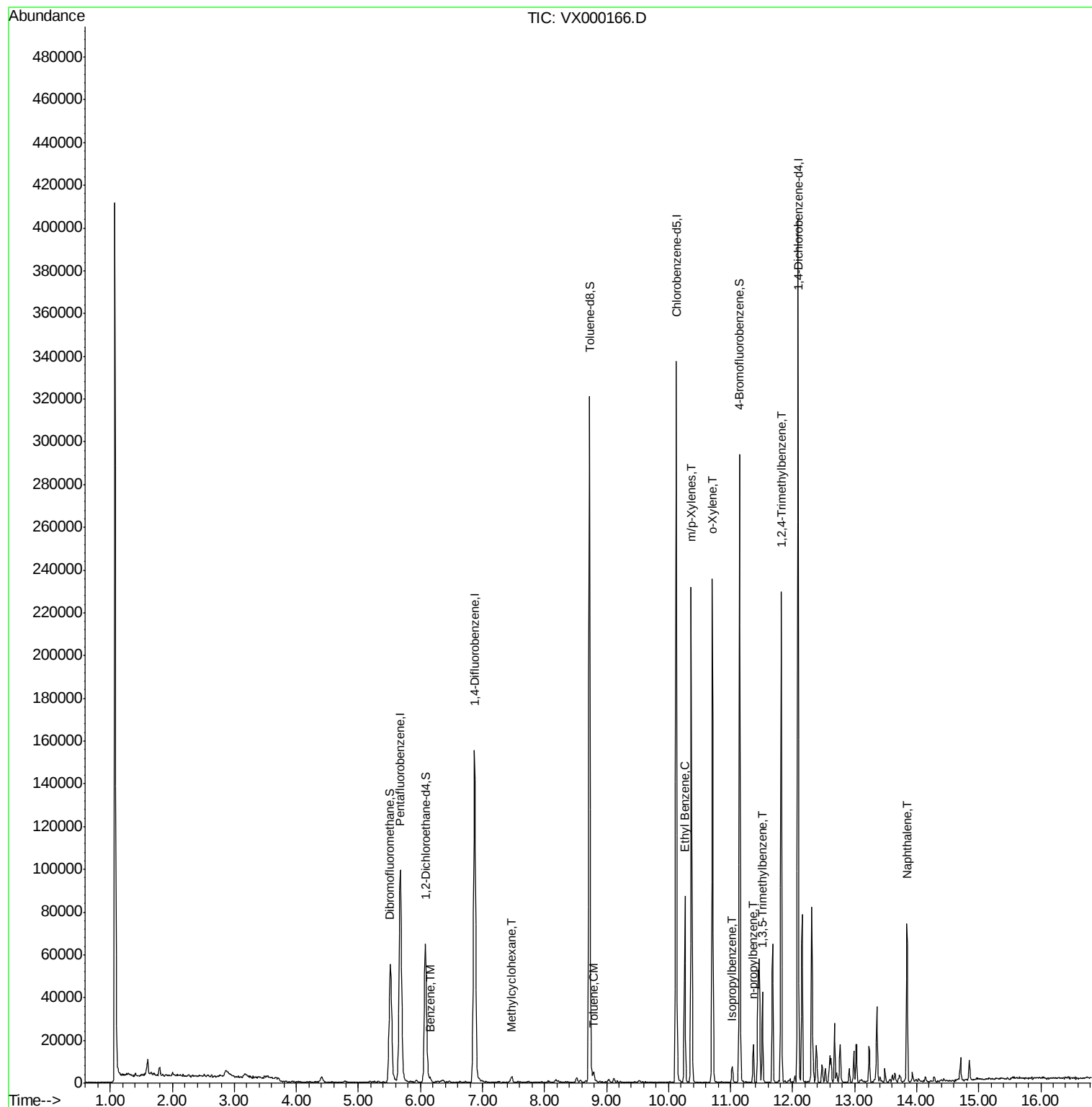
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.47	83	1063	0.64	ug/l	# 83
40) Benzene	6.16	78	2480	0.63	ug/l	100
52) Toluene	8.80	92	1146	0.44	ug/l	82
67) Ethyl Benzene	10.26	91	50474	9.93	ug/l	98
68) m/p-Xylenes	10.37	106	52147	25.91	ug/l	97
69) o-Xylene	10.71	106	49104	25.30	ug/l	96
73) Isopropylbenzene	11.02	105	4056	0.85	ug/l	95
78) n-propylbenzene	11.37	91	10837	1.92	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	17265	4.27	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	96523	22.97	ug/l	99
95) Naphthalene	13.84	128	43572	6.99	ug/l	100

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

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Quant Time: Mar 01 06:53:19 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000166.D

Acq: 28 Feb 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

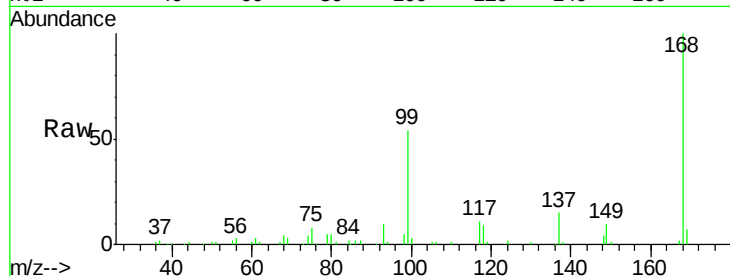
RFK-RMAB-MW08-GWDL

Tot Ion:168 Resp: 94918

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

5.68

40000

30000

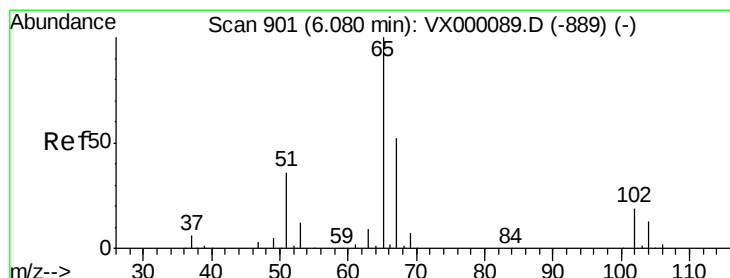
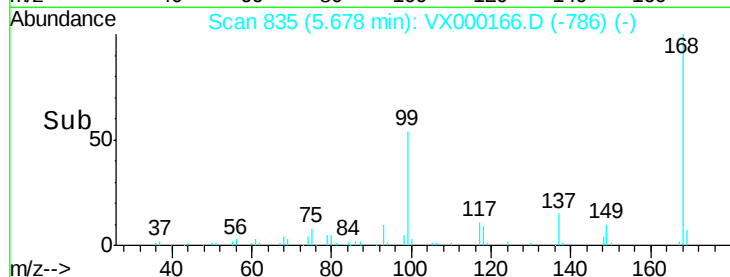
20000

10000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.02 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000166.D

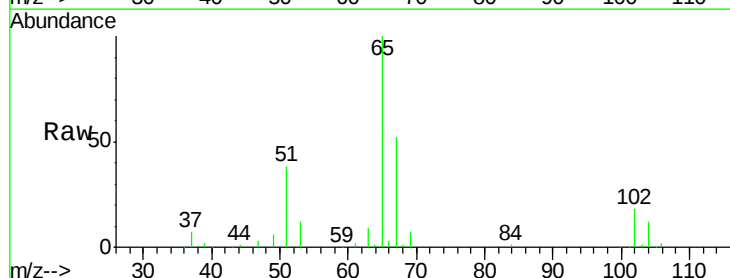
Acq: 28 Feb 2018 14:55

Tgt Ion: 65 Resp: 59288

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

25000

20000

15000

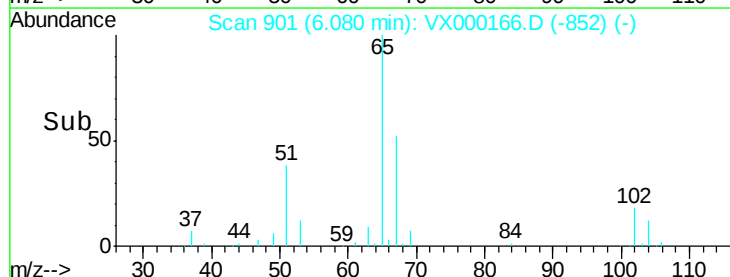
10000

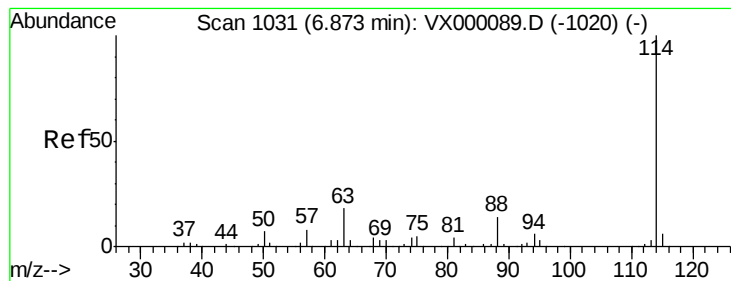
5000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000166.D

Acq: 28 Feb 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW08-GWDL

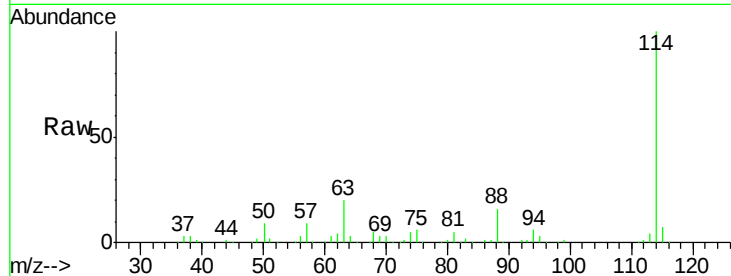
Tot Ion:114 Resp: 152592

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

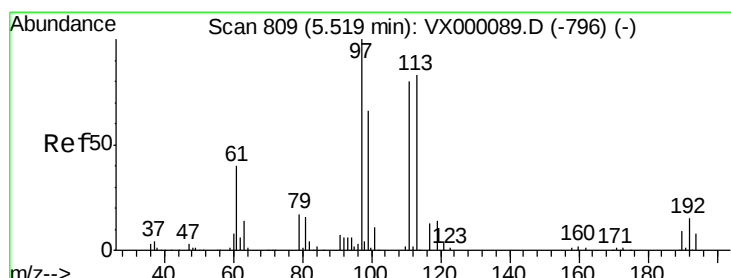
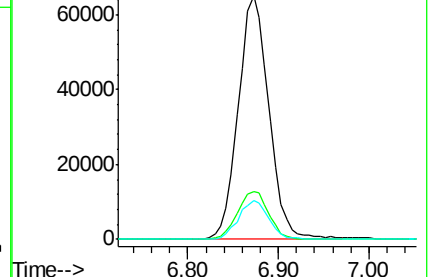
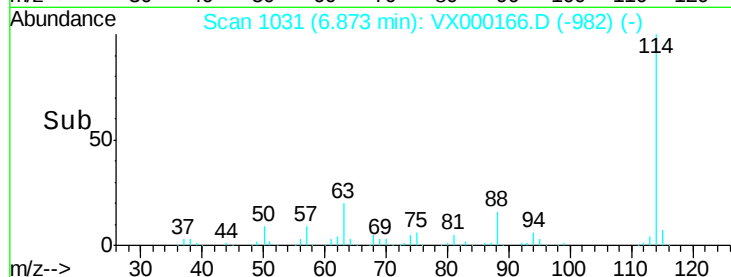
88 15.8 0.0 29.0



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: 46.53 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000166.D

Acq: 28 Feb 2018 14:55

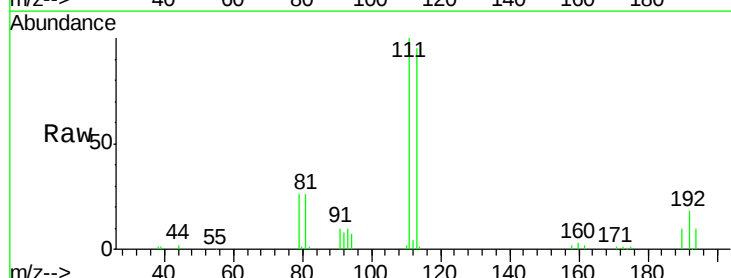
Tgt Ion:113 Resp: 44813

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.6

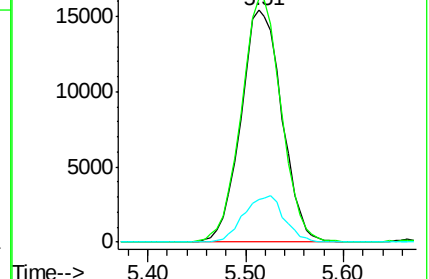
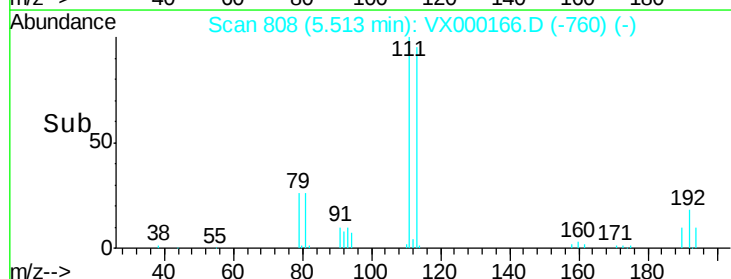
192 19.5 15.7 23.5

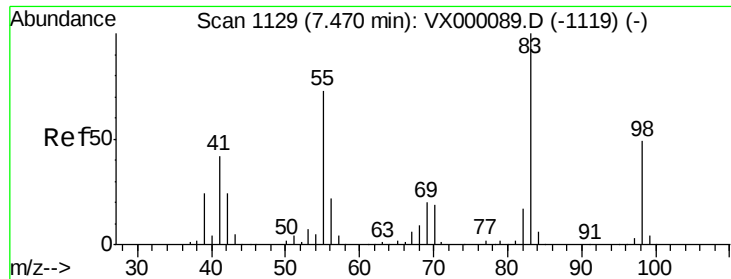


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

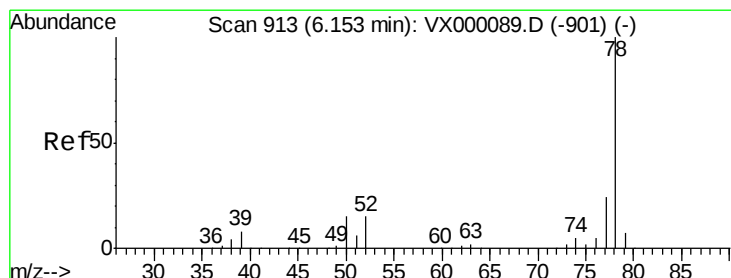
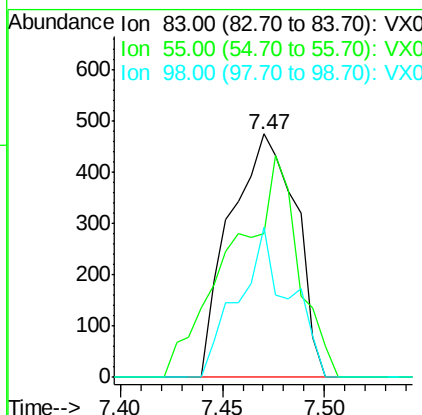
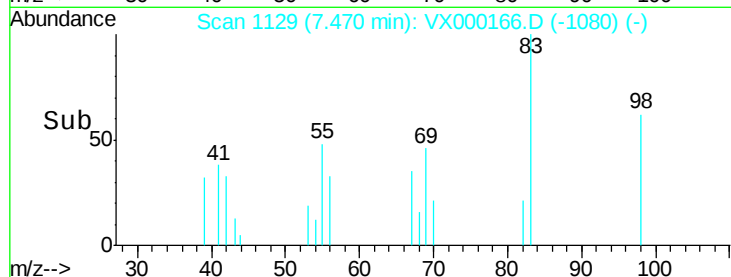
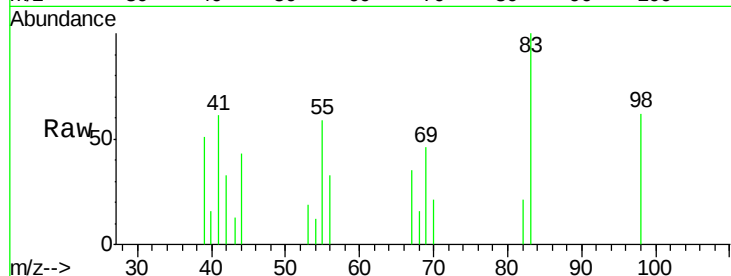




#39
Methvlcvclohexane
Concen: 0.64 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000166.D
Acq: 28 Feb 2018 14:55

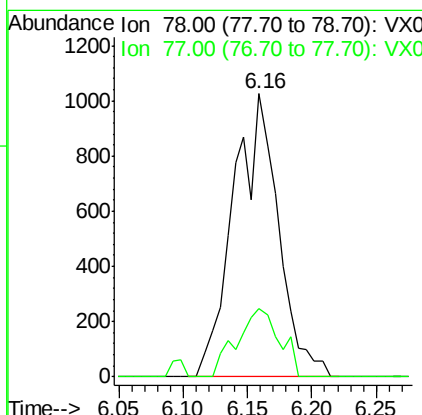
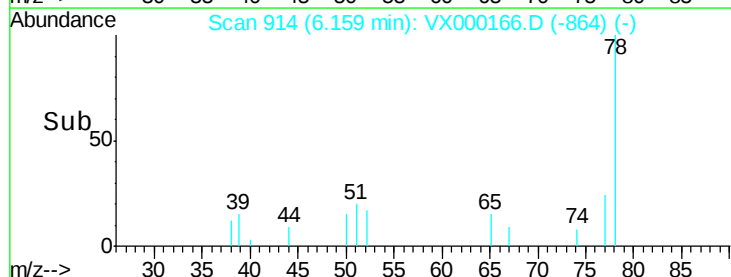
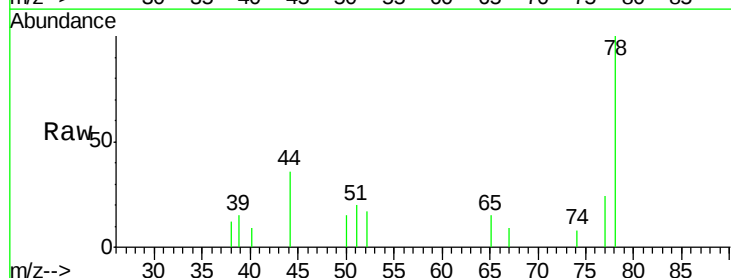
Instrument :
MSVOA_X
ClientSampleId :
RfK-RMAB-MW08-GWDL

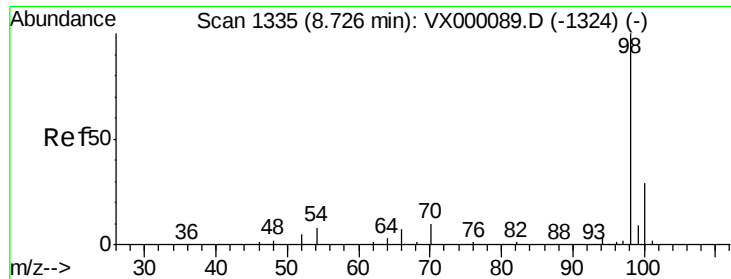
Tot Ion: 83 Resp: 1063
Ion Ratio Lower Upper
83 100
55 59.2 58.2 87.2
98 61.7 39.0 58.6#



#40
Benzene
Concen: 0.63 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000166.D
Acq: 28 Feb 2018 14:55

Tgt Ion: 78 Resp: 2480
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

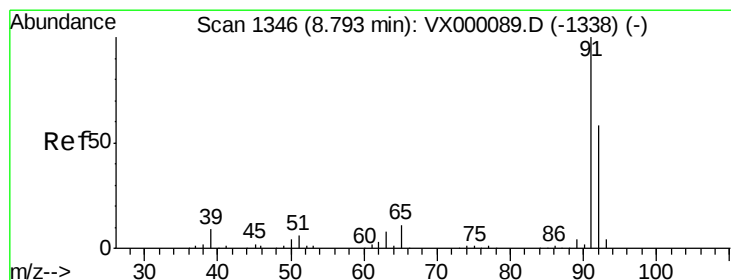
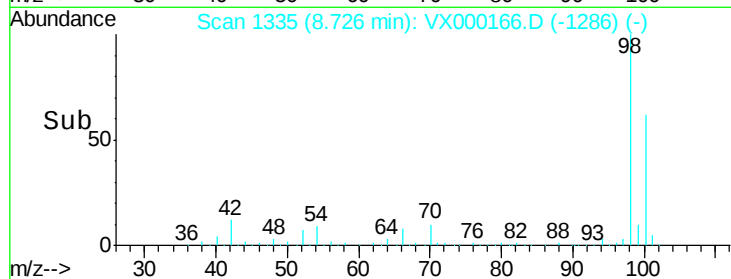
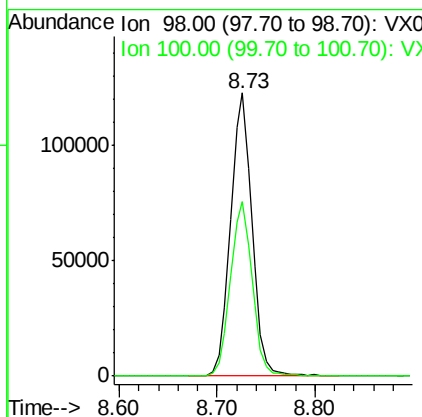
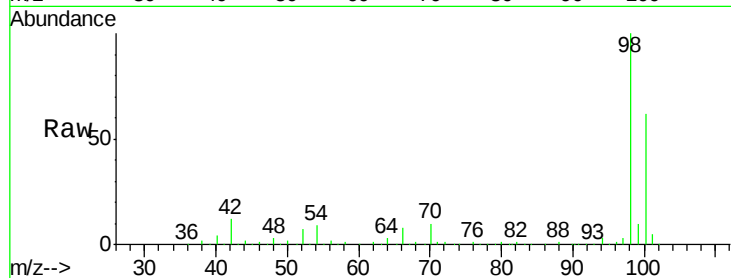




#50
Toluene-d8
Concen: 49.24 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000166.D
Acq: 28 Feb 2018 14:55

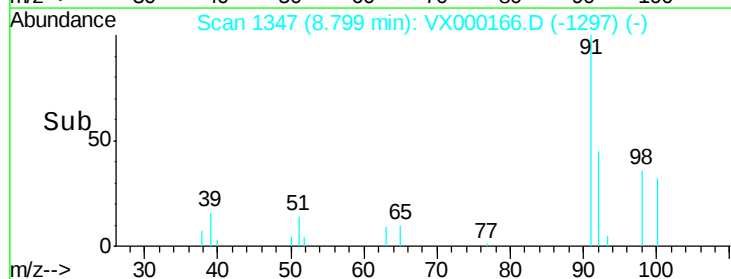
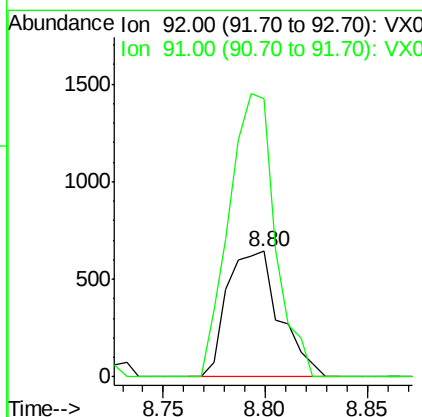
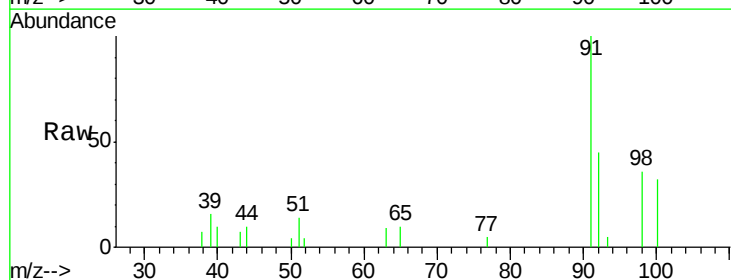
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW08-GWDL

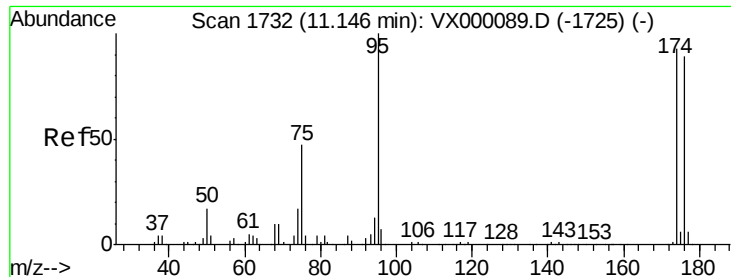
Tot Ion: 98 Resp: 187047
Ion Ratio Lower Upper
98 100
100 62.8 52.2 78.2



#52
Toluene
Concen: 0.44 ug/l
RT: 8.80 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VX000166.D
Acq: 28 Feb 2018 14:55

Tgt Ion: 92 Resp: 1146
Ion Ratio Lower Upper
92 100
91 199.7 139.8 209.6

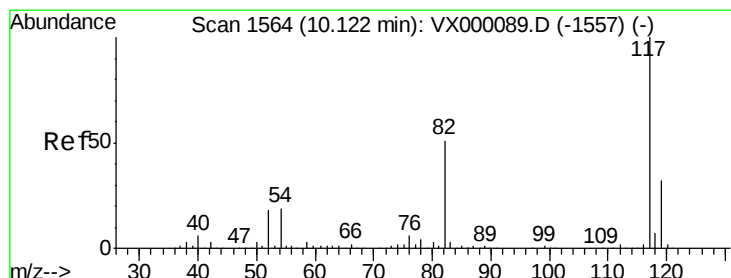
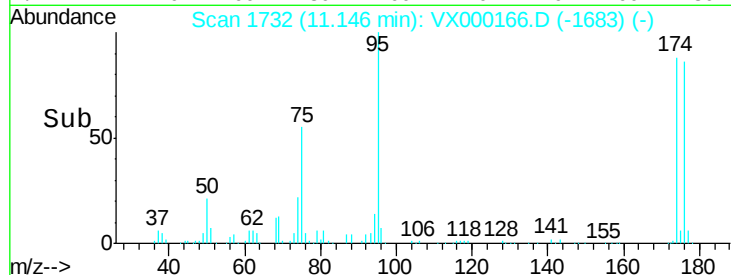
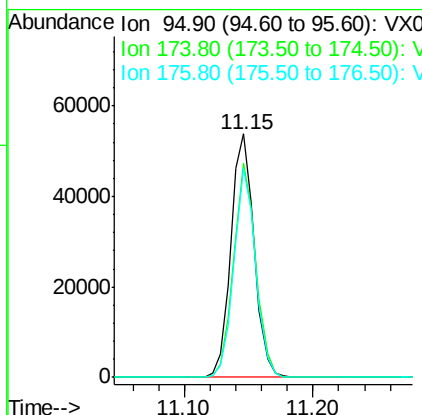
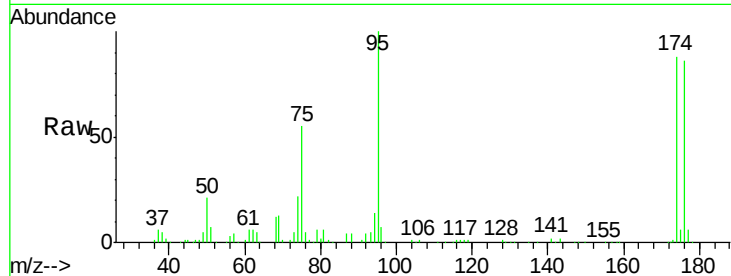




#62
4-Bromofluorobenzene
Concen: 45.63 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000166.D
Acq: 28 Feb 2018 14:55

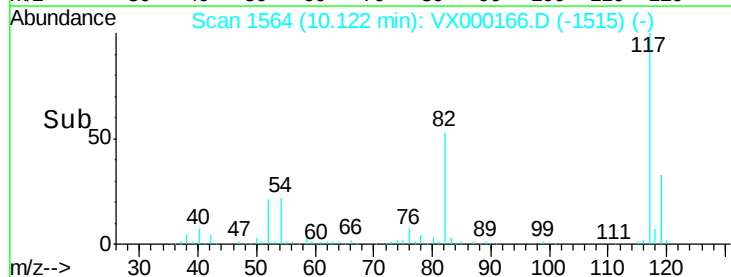
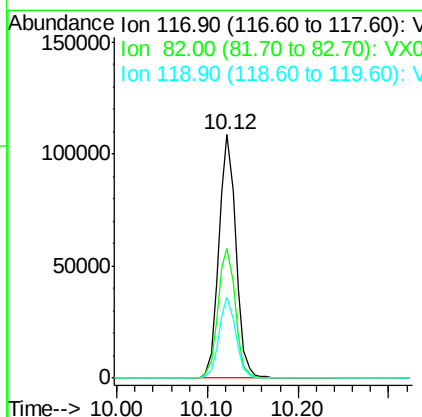
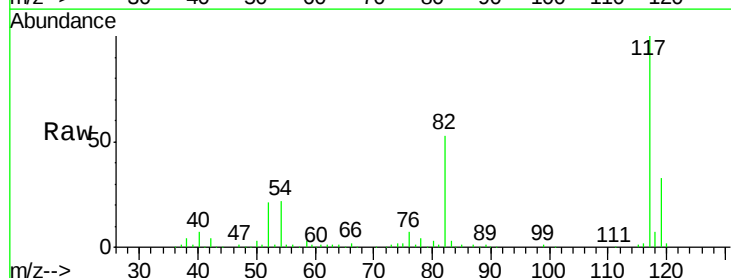
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW08-GWDL

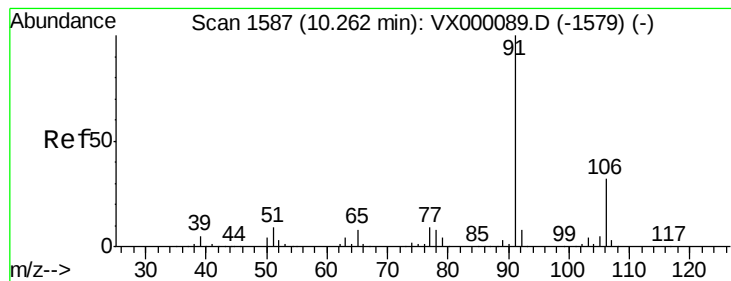
Tot Ion: 95 Resp: 67972
Ion Ratio Lower Upper
95 100
174 84.3 0.0 187.8
176 80.5 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000166.D
Acq: 28 Feb 2018 14:55

Tgt Ion: 117 Resp: 143405
Ion Ratio Lower Upper
117 100
82 53.4 41.0 61.6
119 33.3 25.5 38.3





#67

Ethyl Benzene

Concen: 9.93 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000166.D

Acq: 28 Feb 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

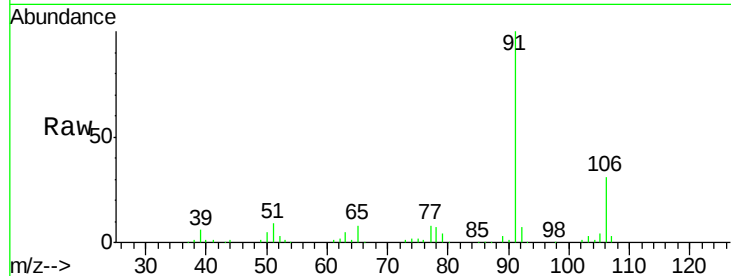
RFK-RMAB-MW08-GWDL

Tot Ion: 91 Resp: 50474

Ion Ratio Lower Upper

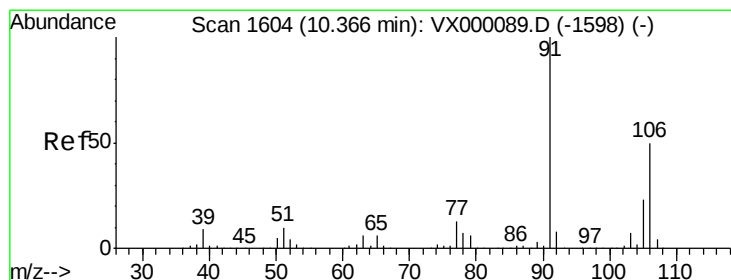
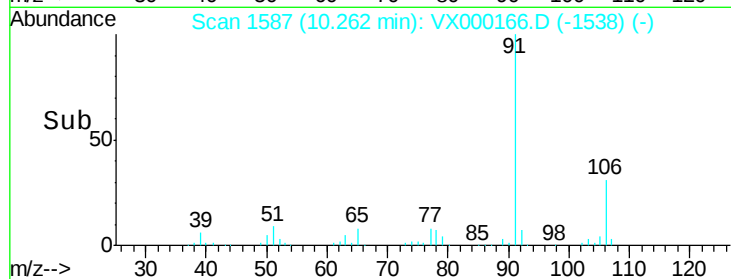
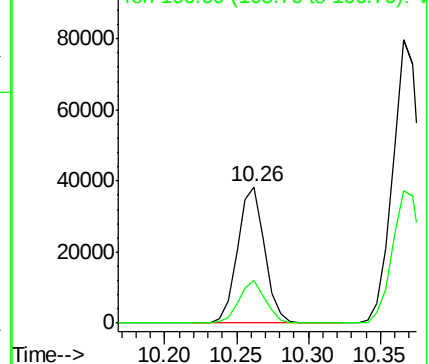
91 100

106 31.0 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 25.91 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000166.D

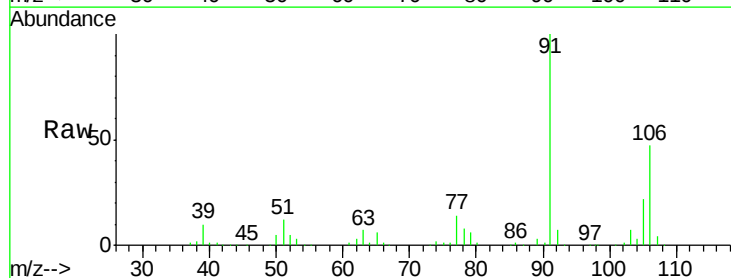
Acq: 28 Feb 2018 14:55

Tgt Ion:106 Resp: 52147

Ion Ratio Lower Upper

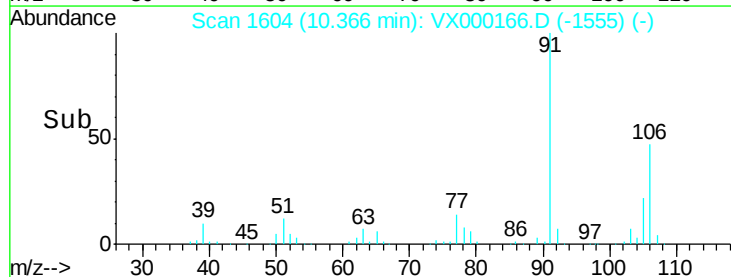
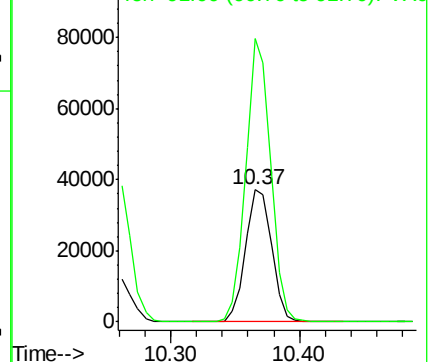
106 100

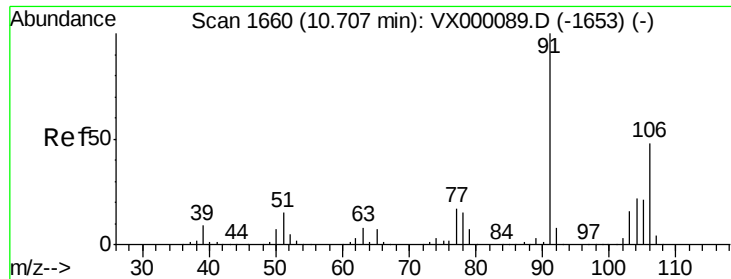
91 202.9 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

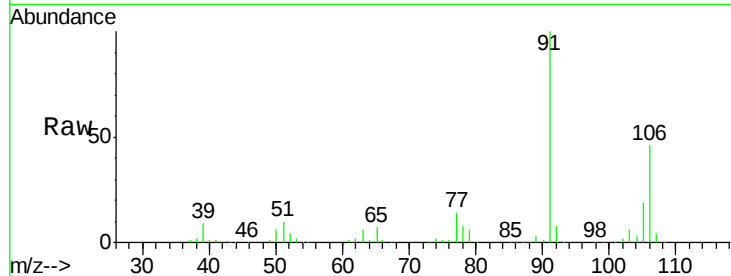




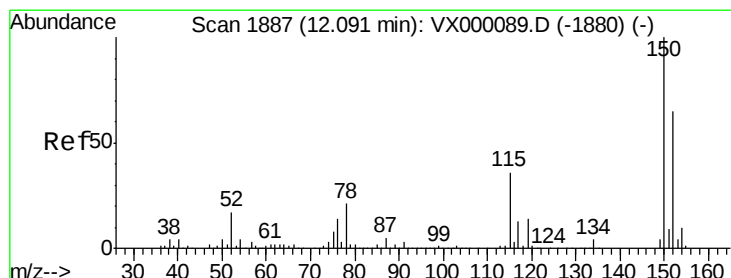
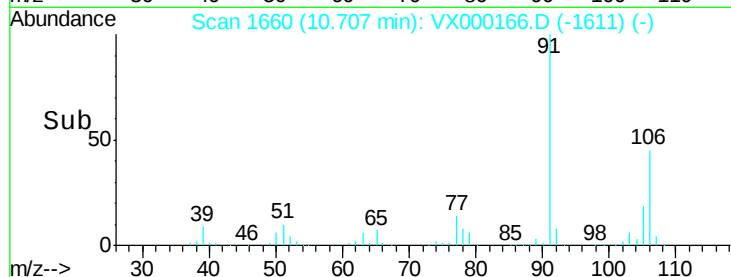
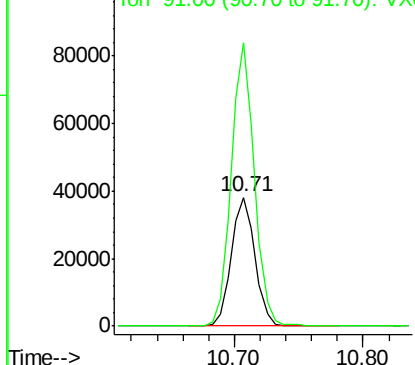
#69
o-Xylene
Concen: 25.30 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000166.D
Acq: 28 Feb 2018 14:55

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW08-GWDL

Tot Ion:106 Resp: 49104
Ion Ratio Lower Upper
106 100
91 213.7 103.8 311.6

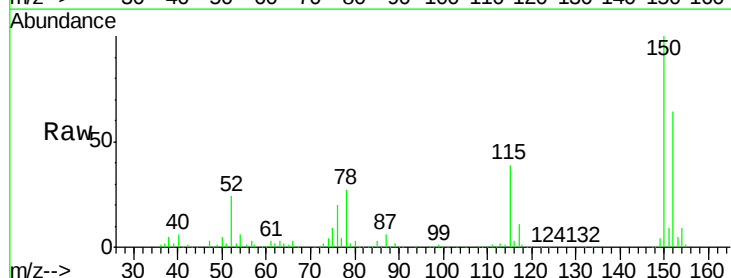


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

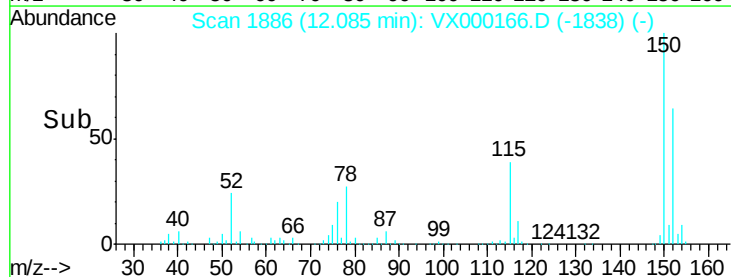
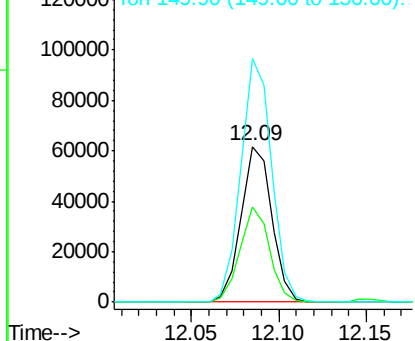


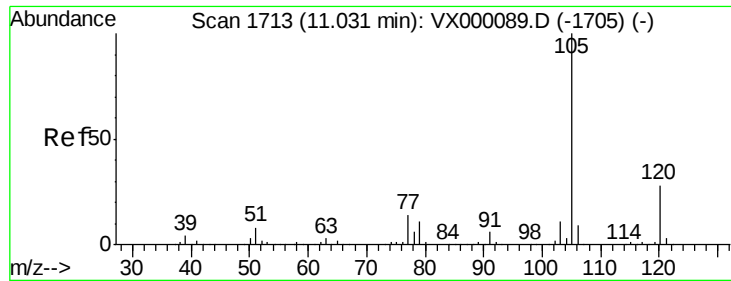
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000166.D
Acq: 28 Feb 2018 14:55

Tgt Ion:152 Resp: 75529
Ion Ratio Lower Upper
152 100
115 59.0 39.1 117.2
150 156.5 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: 0.85 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000166.D

Acq: 28 Feb 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

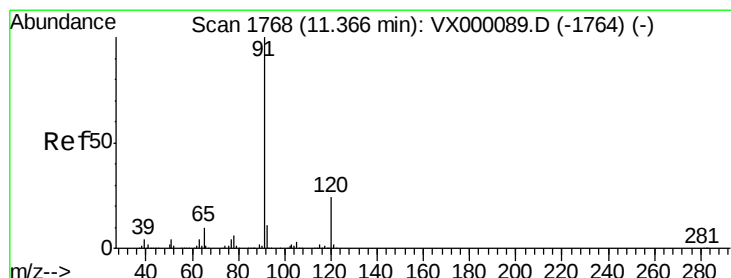
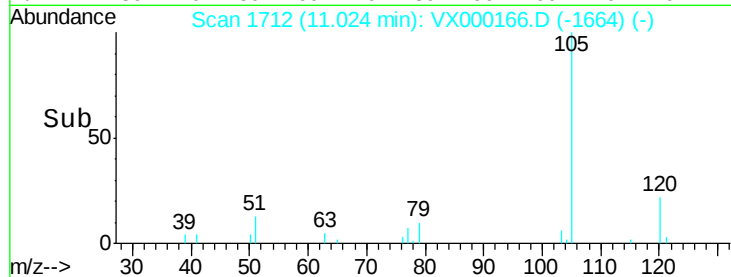
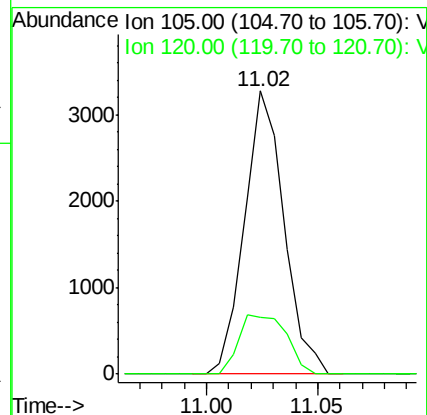
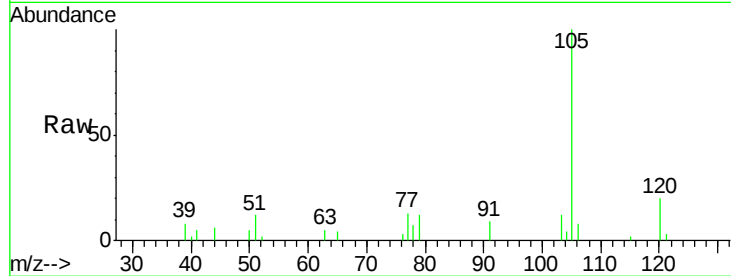
RFK-RMAB-MW08-GWDL

Tot Ion:105 Resp: 4056

Ion Ratio Lower Upper

105 100

120 25.4 14.0 42.0



#78

n-propylbenzene

Concen: 1.92 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000166.D

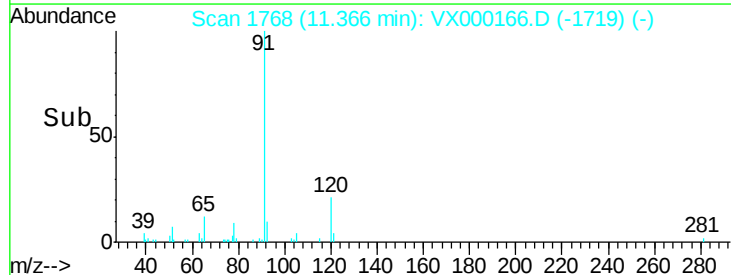
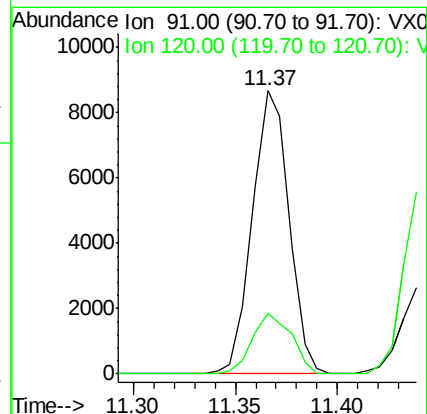
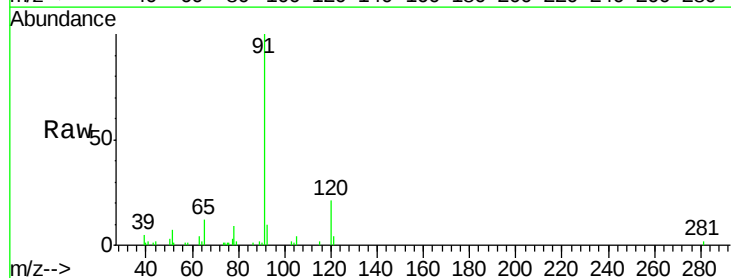
Acq: 28 Feb 2018 14:55

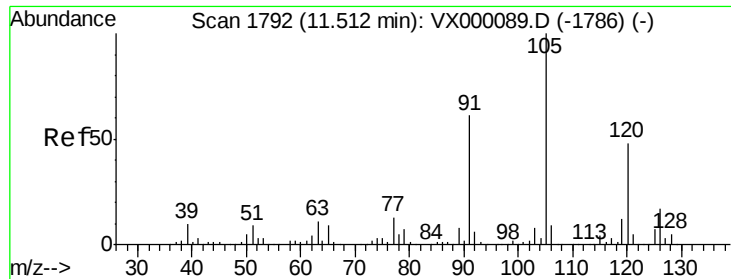
Tgt Ion: 91 Resp: 10837

Ion Ratio Lower Upper

91 100

120 22.7 12.3 36.9

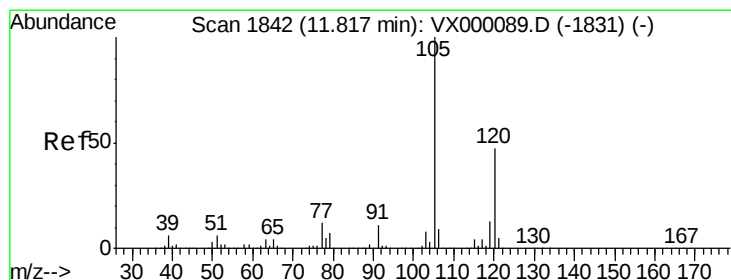
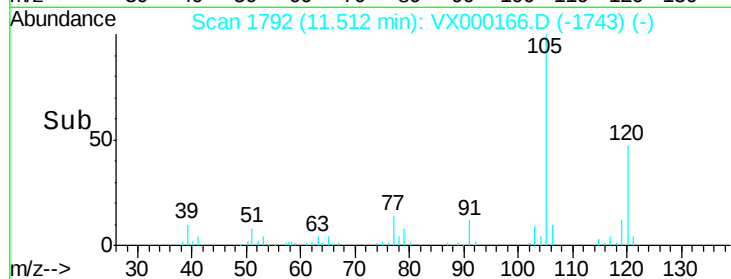
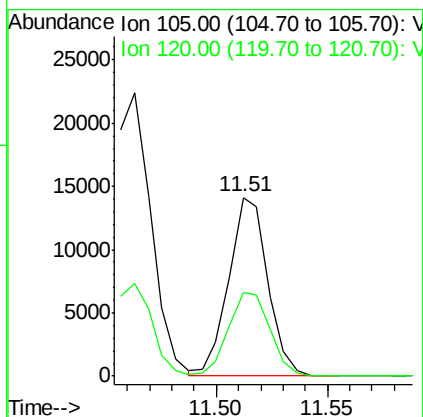
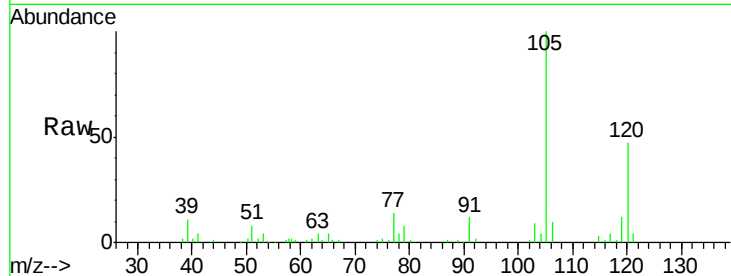




#80
 1,3,5-Trimethylbenzene
 Concen: 4.27 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000166.D
 Acq: 28 Feb 2018 14:55

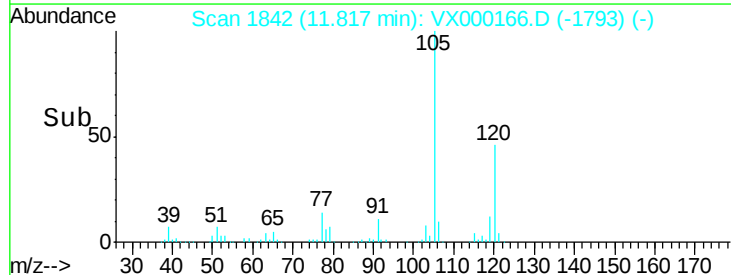
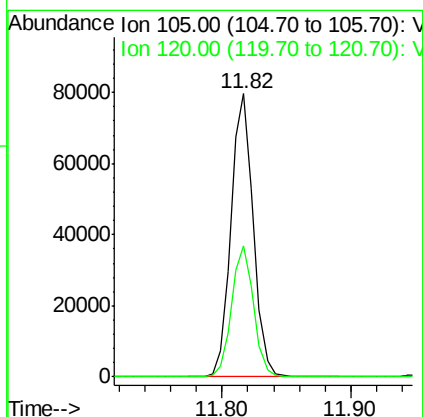
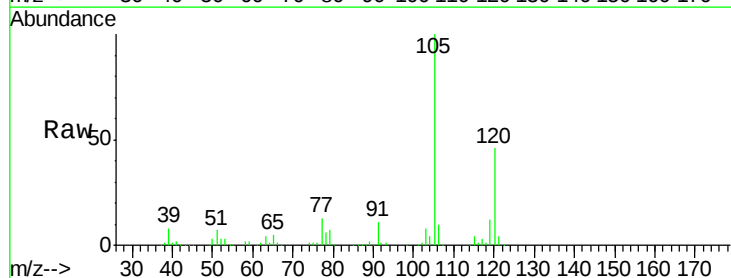
Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW08-GWDL

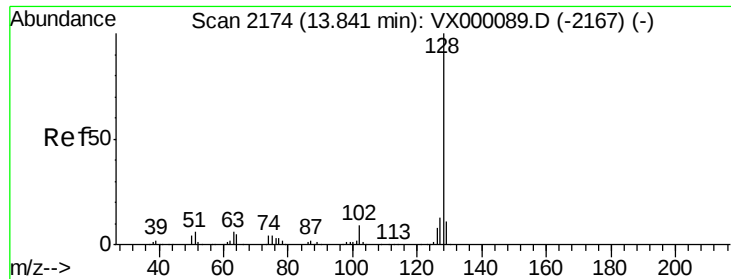
Tot Ion:105 Resp: 17265
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 22.97 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000166.D
 Acq: 28 Feb 2018 14:55

Tgt Ion:105 Resp: 96523
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.2





#95
 Naphthalene
 Concen: 6.99 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX000166.D
 Acq: 28 Feb 2018 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW08-GWDL

Tot Ion:128 Resp: 43572
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 10.9 8.7 13.1

