

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051529.D
 Acq On : 26 Sep 2018 11:10
 Operator : MD\SY
 Sample : J5053-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

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

Quant Time: Sep 27 17:45:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	982156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	829425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	387976	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	441962	55.51	ug/l	0.00
Spiked Amount			Recovery	=	111.02%	
35) Dibromofluoromethane	7.59	113	386048	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
50) Toluene-d8	10.09	98	1375652	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
62) 4-Bromofluorobenzene	12.40	95	413796	43.25	ug/l	0.00
Spiked Amount			Recovery	=	86.50%	

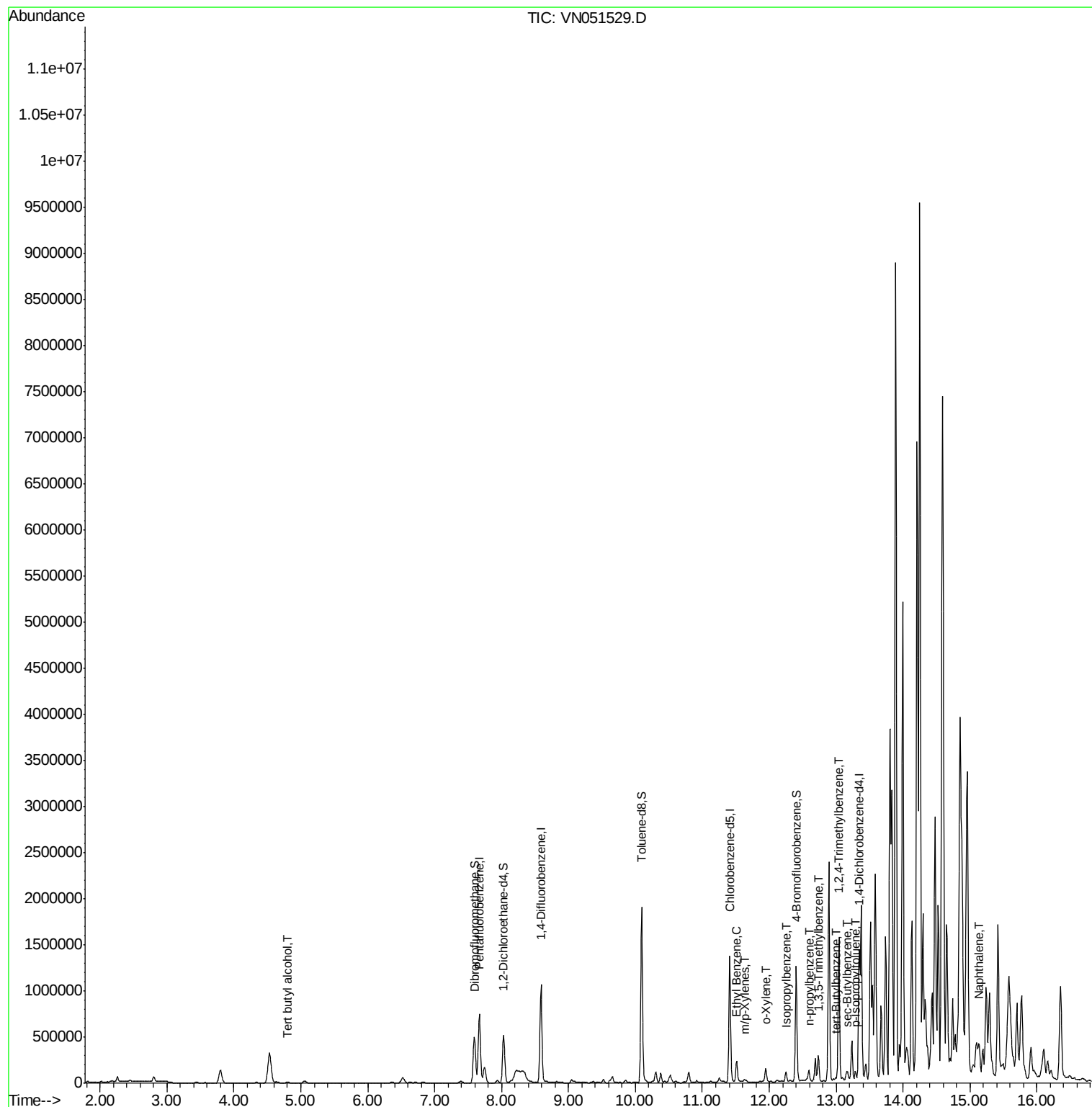
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.80	59	8343	18.566	ug/l #	95
67) Ethyl Benzene	11.51	91	161685	4.508	ug/l	99
68) m/p-Xylenes	11.62	106	9957	0.718	ug/l	99
69) o-Xylene	11.95	106	40654	3.048	ug/l	99
73) Isopropylbenzene	12.25	105	64733	1.977	ug/l	97
78) n-propylbenzene	12.59	91	93756	2.541	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	141410	5.298	ug/l	98
83) tert-Butylbenzene	12.99	119	12875	0.542	ug/l	86
84) 1,2,4-Trimethylbenzene	13.04	105	869379	32.322	ug/l	100
85) sec-Butylbenzene	13.17	105	47998	1.493	ug/l #	57
86) p-Isopropyltoluene	13.29	119	45887	1.650	ug/l	97
95) Naphthalene	15.13	128	187042	18.925	ug/l	96

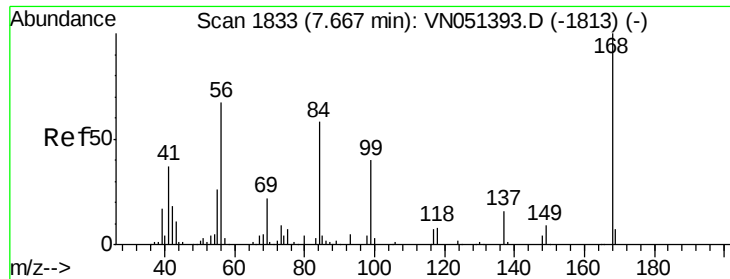
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
Data File : VN051529.D
Acq On : 26 Sep 2018 11:10
Operator : MD\SY
Sample : J5053-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 45 Sample Multiplier: 1

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

Quant Time: Sep 27 17:45:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051529.D

Acq: 26 Sep 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

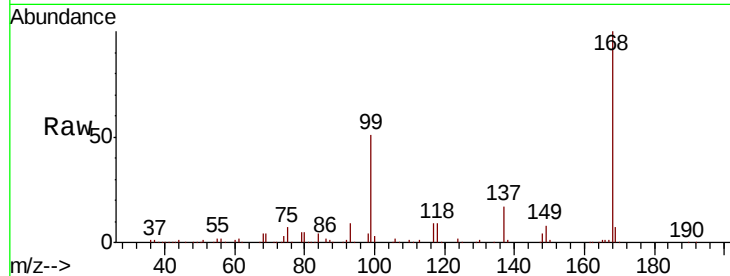
RFK-RMAB-MW10-GW

Tgt Ion:168 Resp: 635625

Ion Ratio Lower Upper

168 100

99 51.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

250000

200000

150000

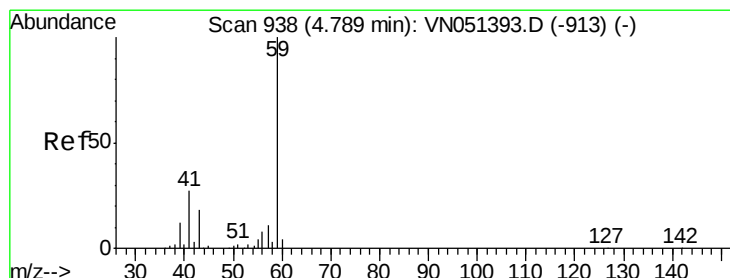
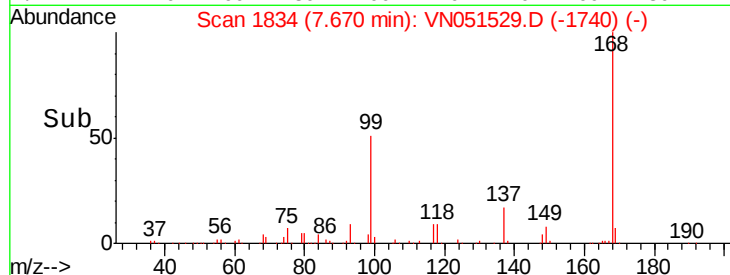
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 18.566 ug/l

RT: 4.80 min Scan# 941

Delta R.T. 0.01 min

Lab File: VN051529.D

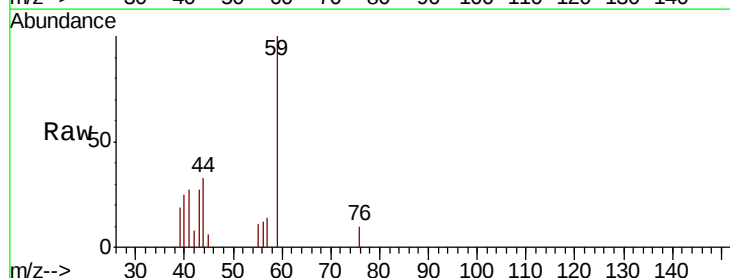
Acq: 26 Sep 2018 11:10

Tgt Ion: 59 Resp: 8343

Ion Ratio Lower Upper

59 100

57 6.1 6.2 9.2#



Abundance Ion 59.00 (58.70 to 59.70): VN051393.D (-913) (-)

Ion 57.00 (56.70 to 57.70): VN051393.D (-913) (-)

4.80

3000

2500

2000

1500

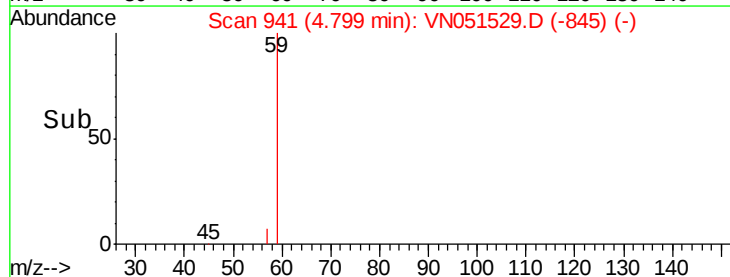
1000

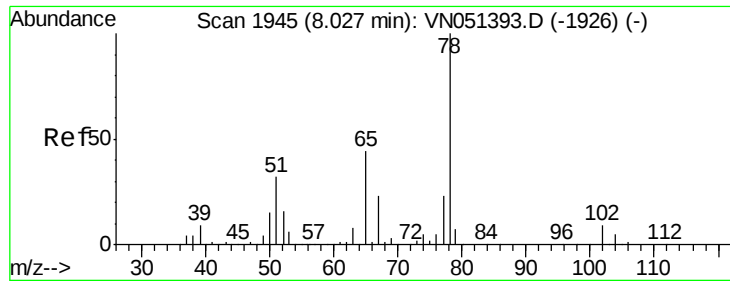
500

0

4.70 4.75 4.80 4.85

Time-->

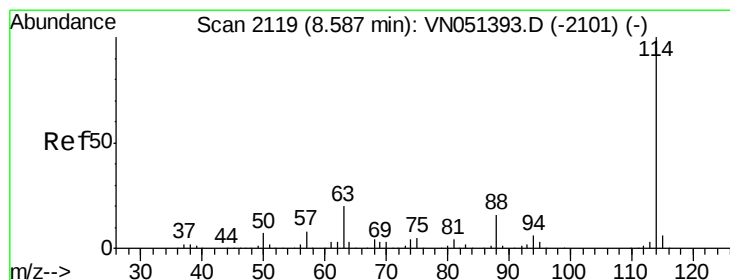
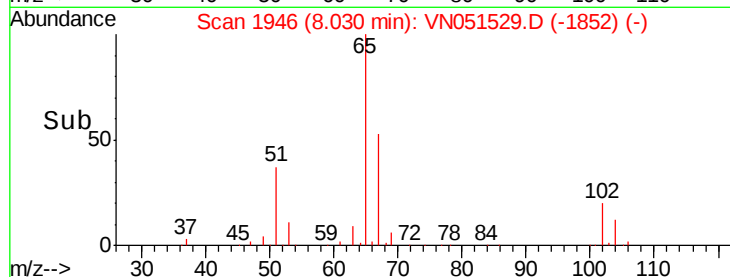
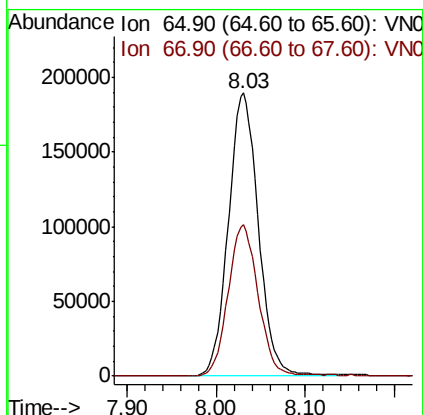
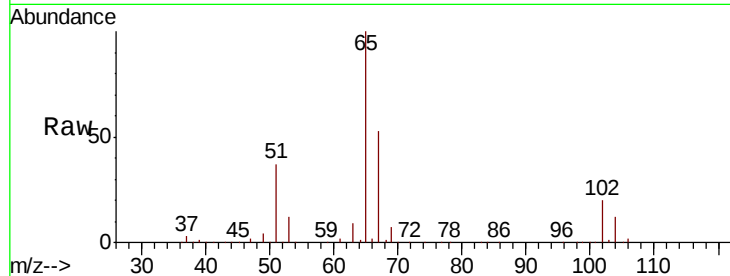




#33
 1,2-Dichloroethane-d4
 Concen: 55.506 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051529.D
 Acq: 26 Sep 2018 11:10

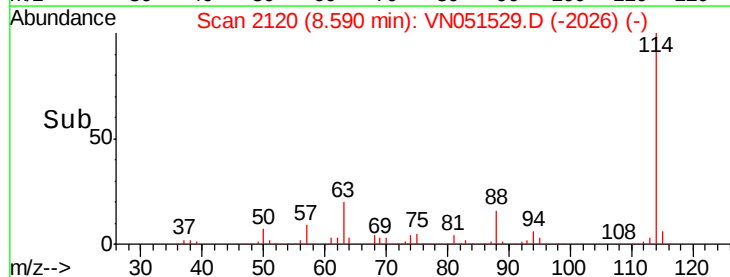
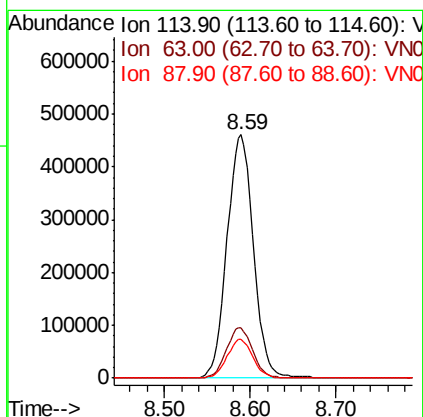
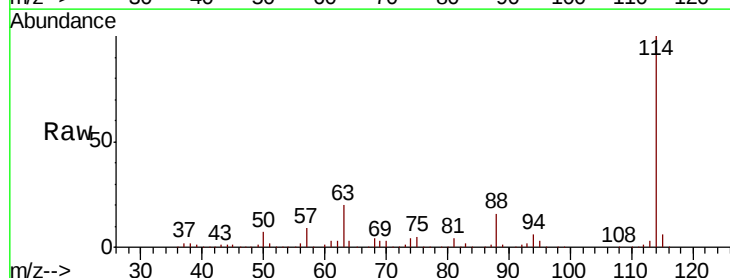
Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW10-GW

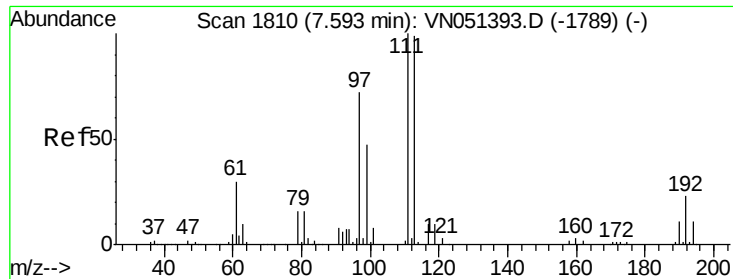
Tgt Ion: 65 Resp: 441962
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051529.D
 Acq: 26 Sep 2018 11:10

Tgt Ion: 114 Resp: 982156
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 16.0 0.0 31.4

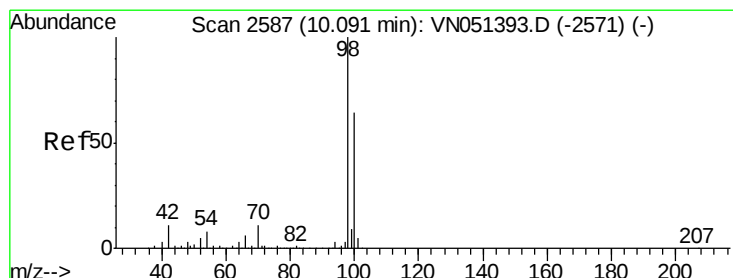
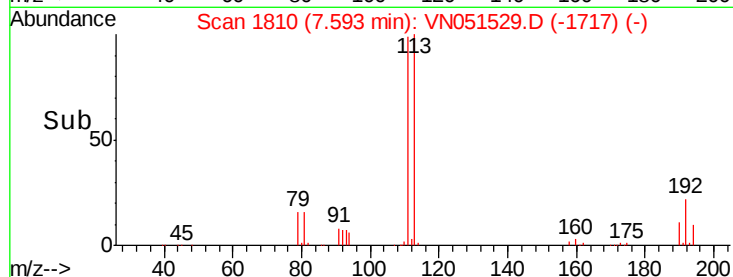
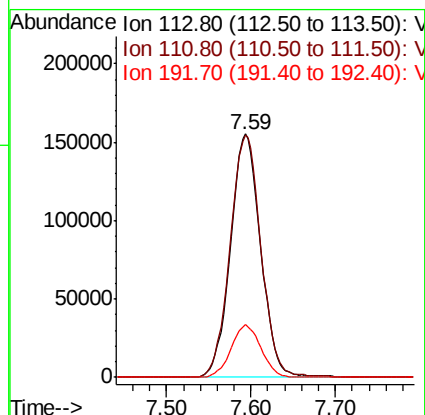
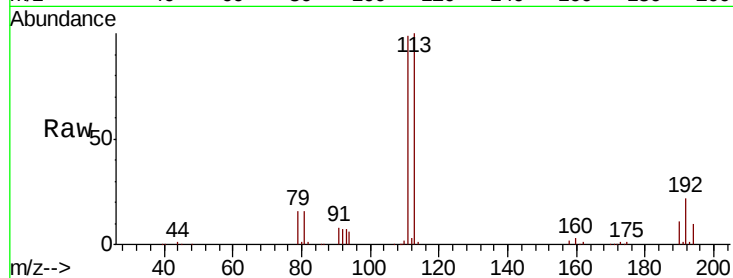




#35
 Dibromofluoromethane
 Concen: 49.154 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051529.D
 Acq: 26 Sep 2018 11:10

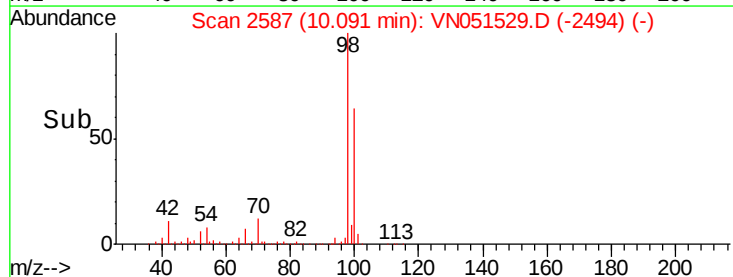
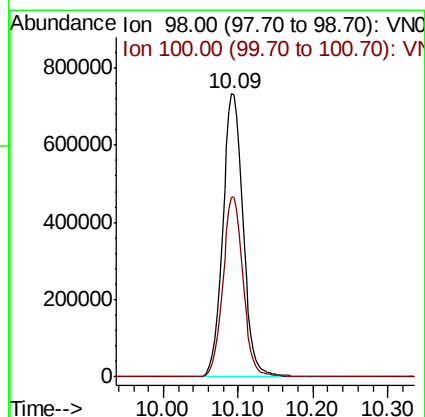
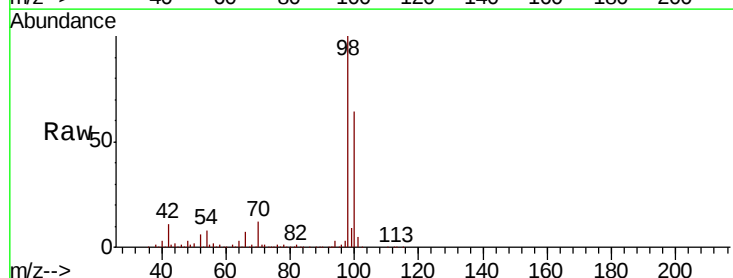
Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW10-GW

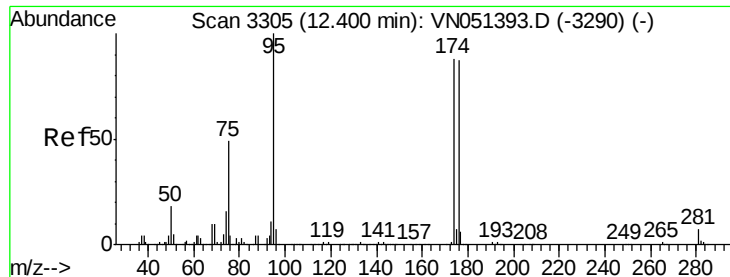
Tgt Ion: 113 Resp: 386048
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 123.8
 192 21.4 18.0 27.0



#50
 Toluene-d8
 Concen: 46.514 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN051529.D
 Acq: 26 Sep 2018 11:10

Tgt Ion: 98 Resp: 1375652
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.6 75.8





#62

4-Bromofluorobenzene

Concen: 43.251 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051529.D

Acq: 26 Sep 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

RFK-RMAB-MW10-GW

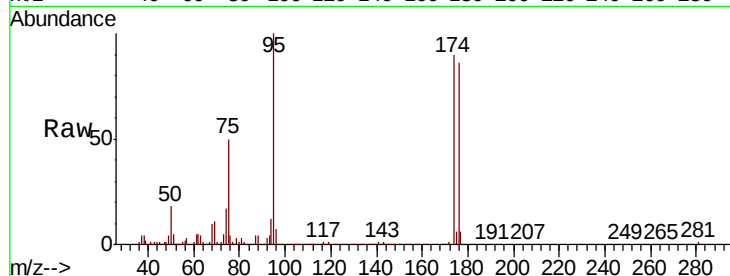
Tgt Ion: 95 Resp: 413796

Ion Ratio Lower Upper

95 100

174 89.4 0.0 181.6

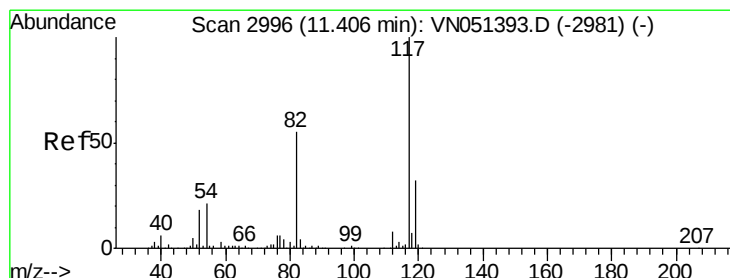
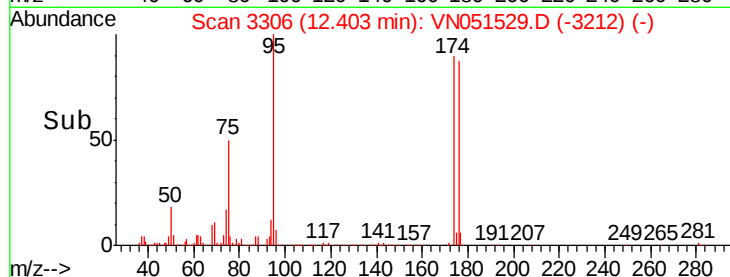
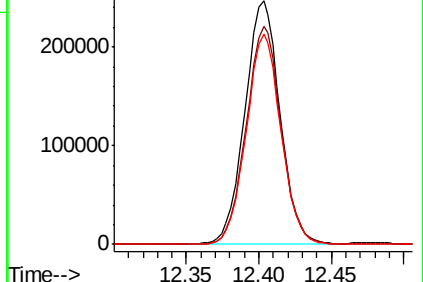
176 85.8 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051529.D

Acq: 26 Sep 2018 11:10

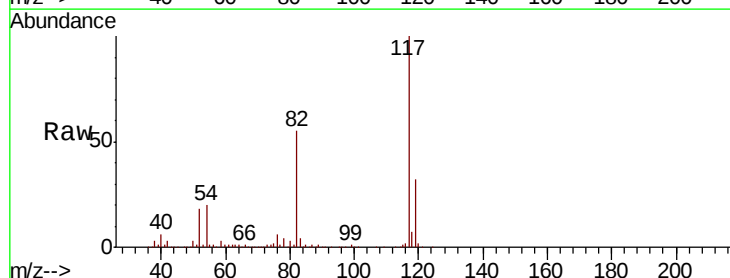
Tgt Ion: 117 Resp: 829425

Ion Ratio Lower Upper

117 100

82 55.4 44.2 66.2

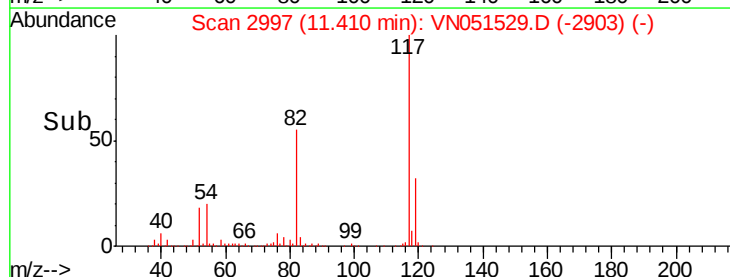
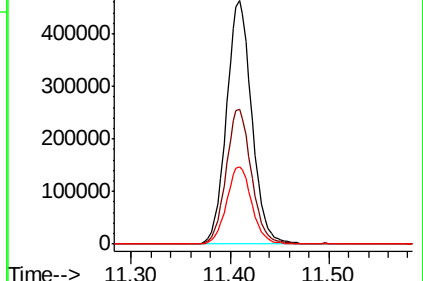
119 31.8 25.9 38.9

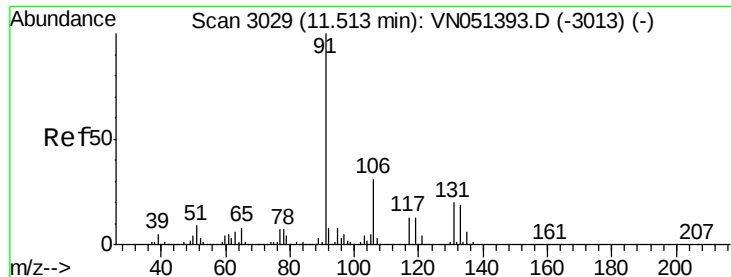


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)

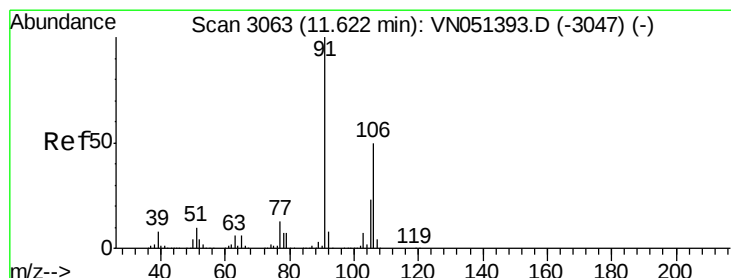
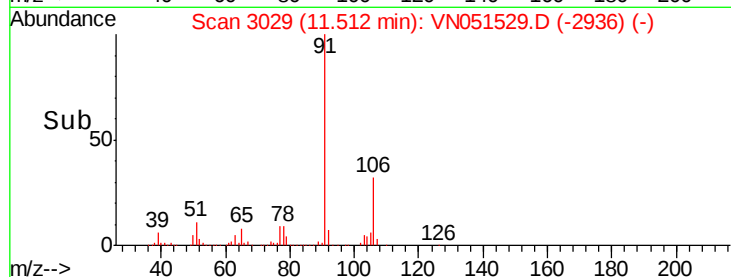
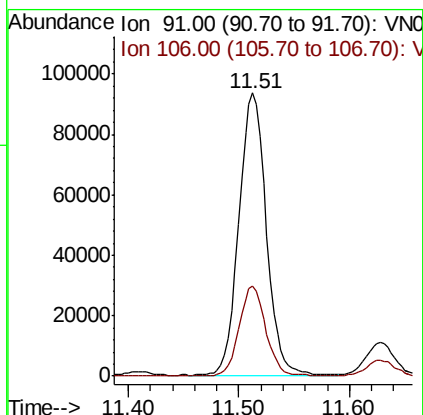
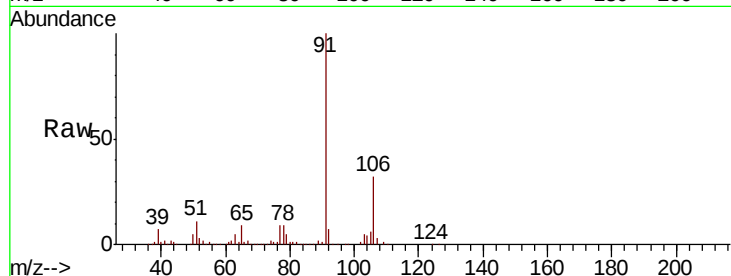




#67
Ethyl Benzene
Concen: 4.508 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051529.D
Acq: 26 Sep 2018 11:10

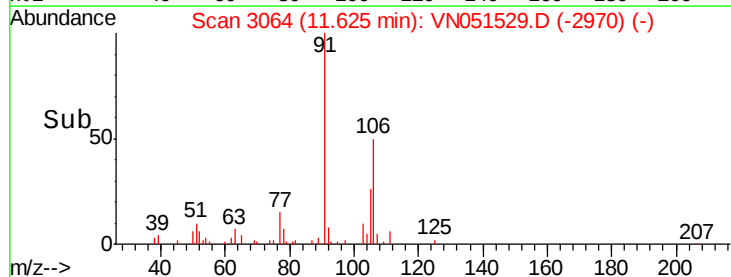
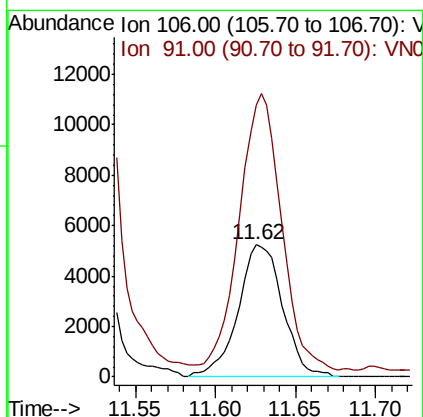
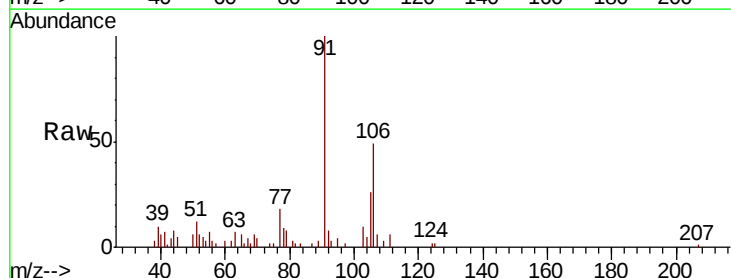
Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW10-GW

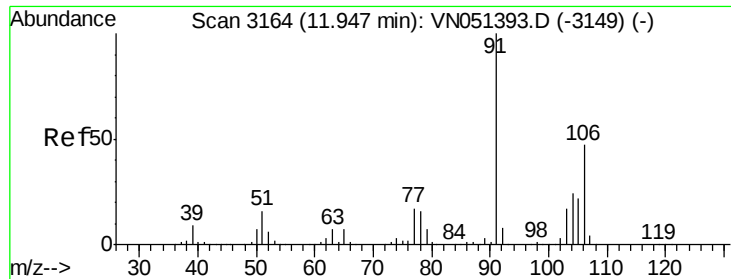
Tgt Ion: 91 Resp: 161685
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.4



#68
m/p-Xylenes
Concen: 0.718 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051529.D
Acq: 26 Sep 2018 11:10

Tgt Ion: 106 Resp: 9957
Ion Ratio Lower Upper
106 100
91 199.5 161.3 241.9

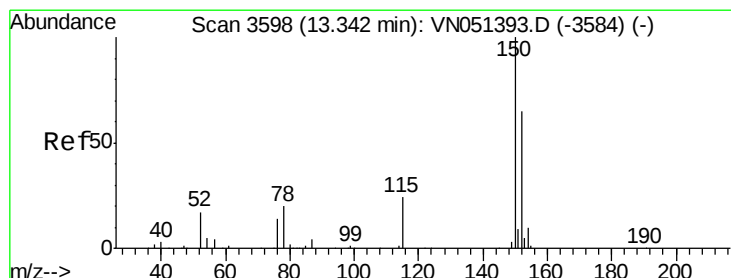
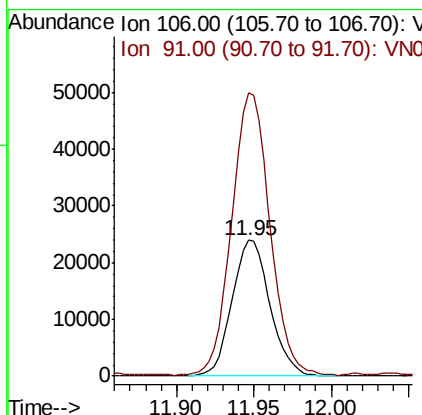
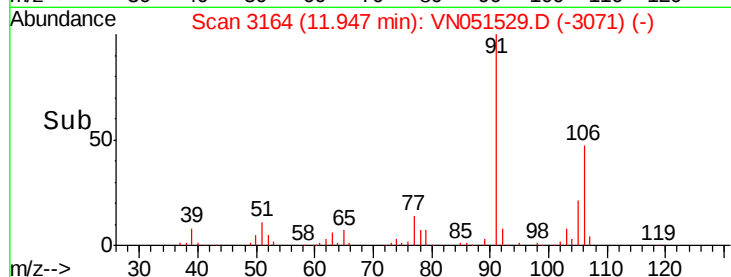
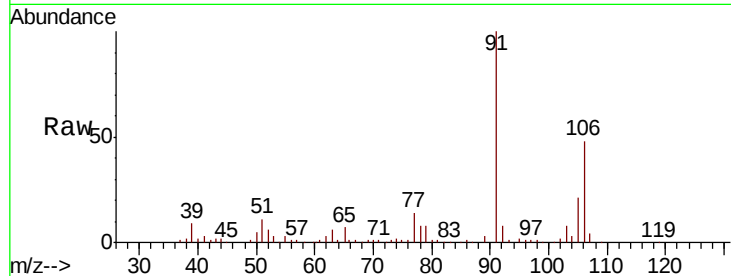




#69
o-Xylene
Concen: 3.048 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051529.D
Acq: 26 Sep 2018 11:10

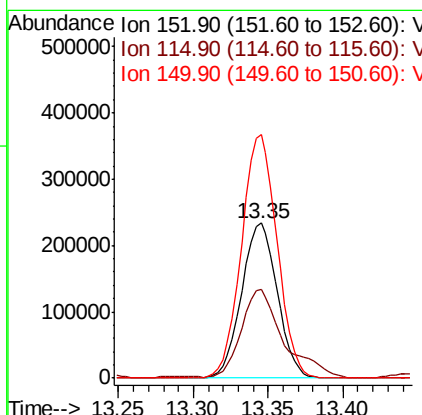
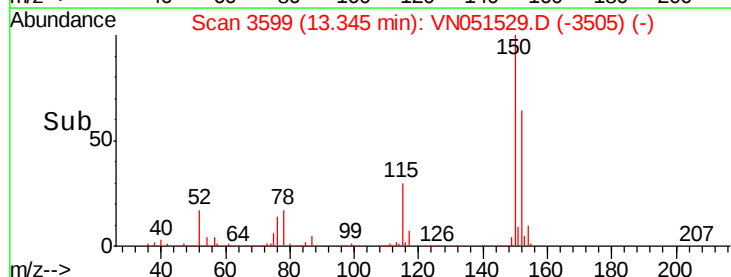
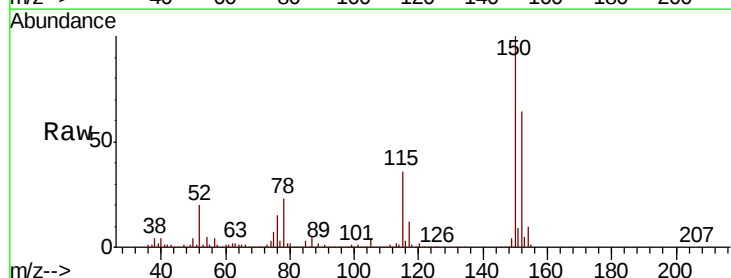
Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW10-GW

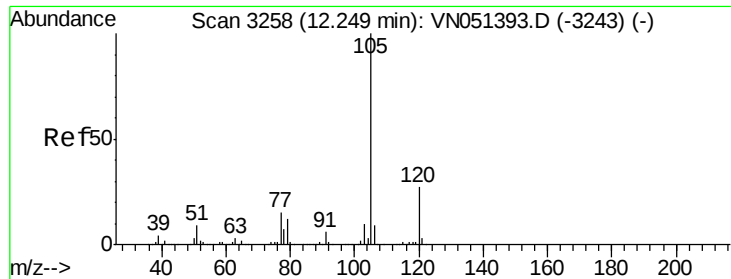
Tgt Ion:106 Resp: 40654
Ion Ratio Lower Upper
106 100
91 209.0 105.3 315.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051529.D
Acq: 26 Sep 2018 11:10

Tgt Ion:152 Resp: 387976
Ion Ratio Lower Upper
152 100
115 66.3 28.3 84.9
150 156.5 0.0 353.6





#73

Isopropylbenzene

Concen: 1.977 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051529.D

Acq: 26 Sep 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

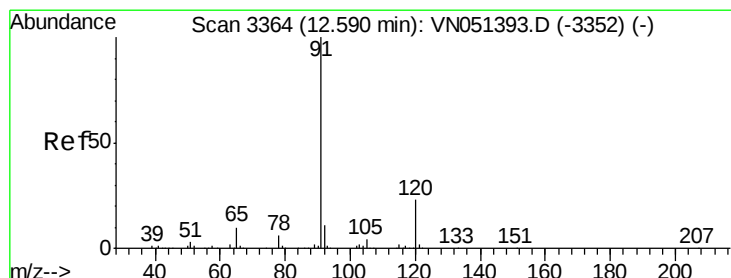
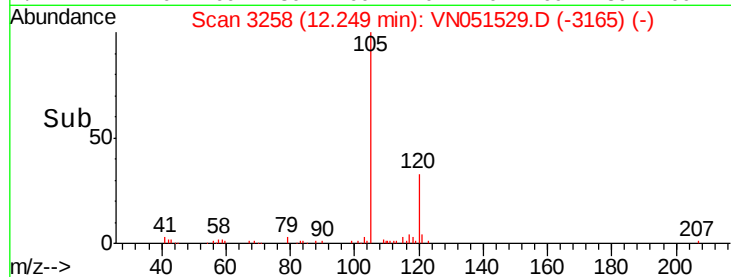
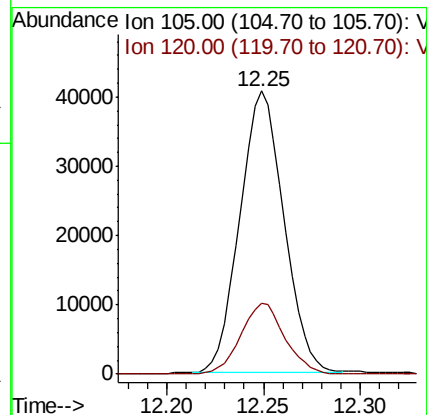
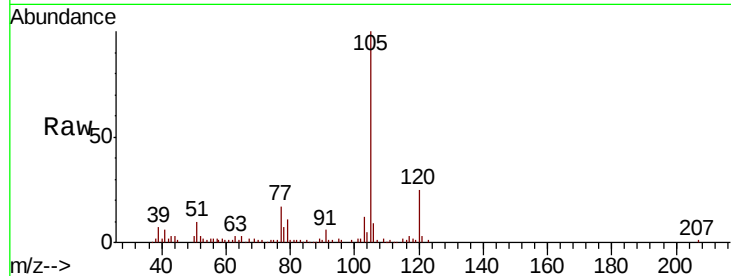
RFK-RMAB-MW10-GW

Tgt Ion: 105 Resp: 64733

Ion Ratio Lower Upper

105 100

120 25.0 13.3 39.8



#78

n-propylbenzene

Concen: 2.541 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051529.D

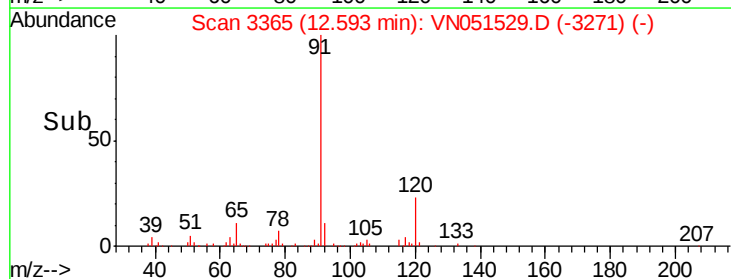
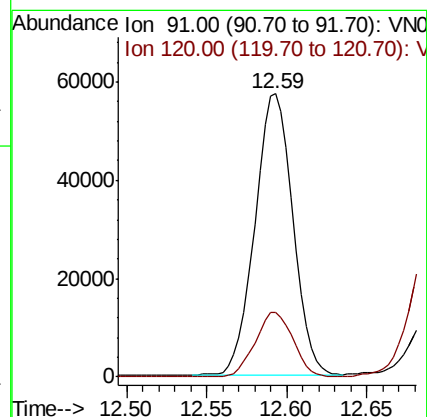
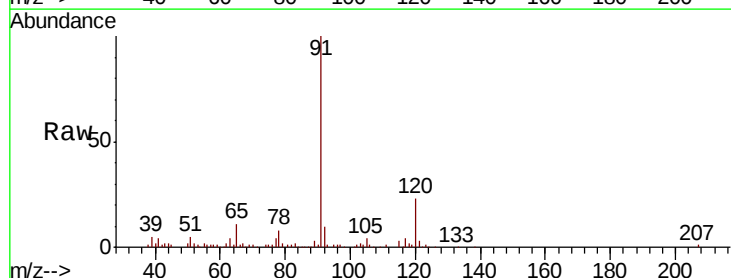
Acq: 26 Sep 2018 11:10

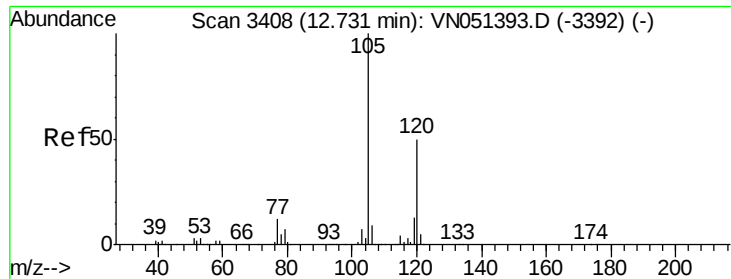
Tgt Ion: 91 Resp: 93756

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.5

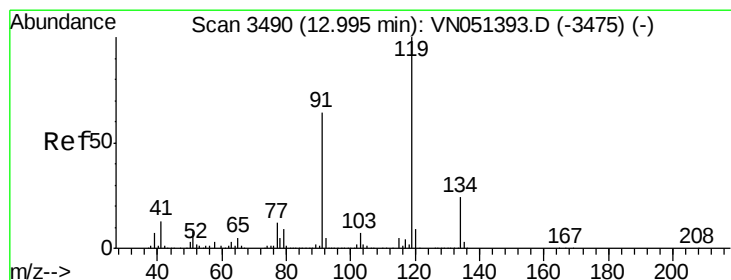
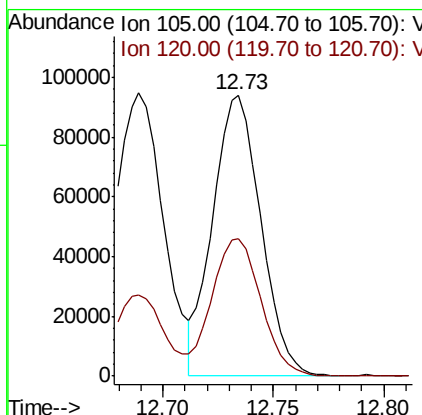
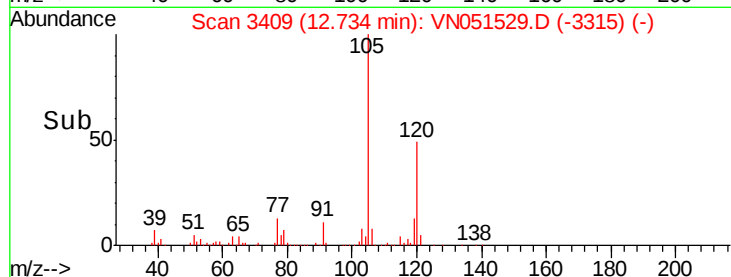
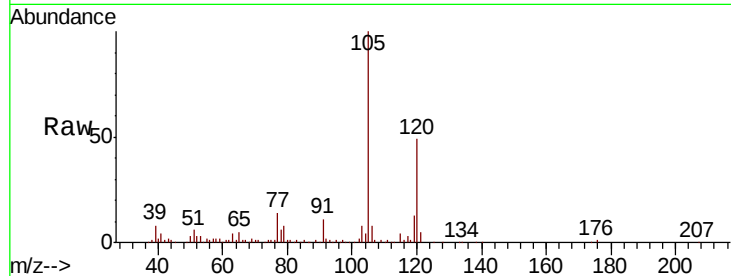




#80
 1,3,5-Trimethylbenzene
 Concen: 5.298 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051529.D
 Acq: 26 Sep 2018 11:10

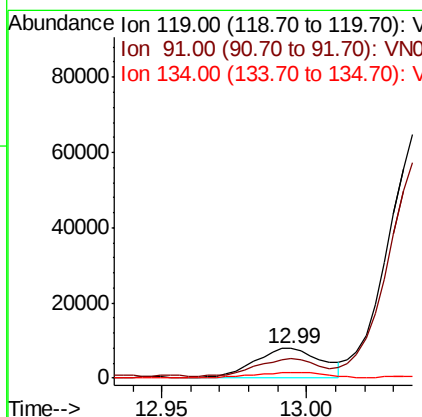
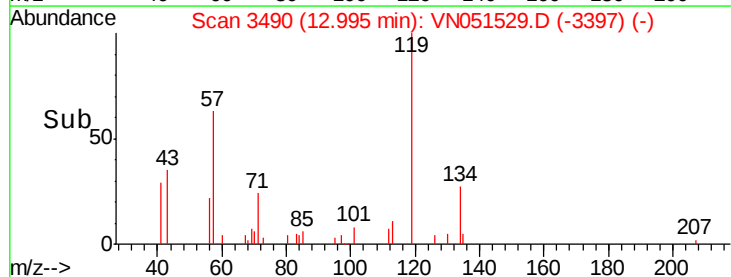
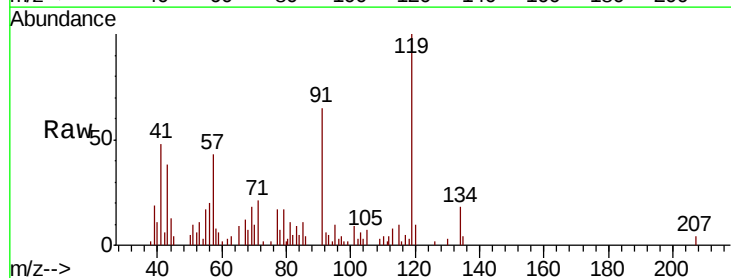
Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW10-GW

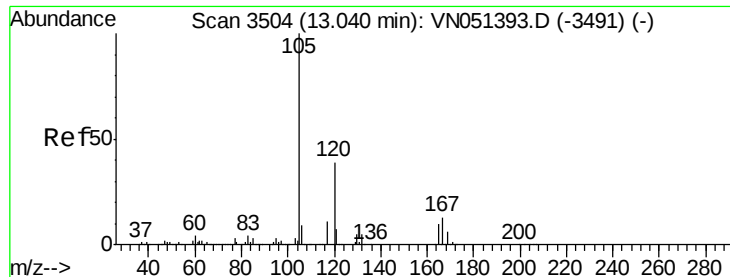
Tgt Ion:105 Resp: 141410
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.8 74.4



#83
 tert-Butylbenzene
 Concen: 0.542 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN051529.D
 Acq: 26 Sep 2018 11:10

Tgt Ion:119 Resp: 12875
 Ion Ratio Lower Upper
 119 100
 91 50.4 31.7 95.1
 134 21.1 12.3 36.9

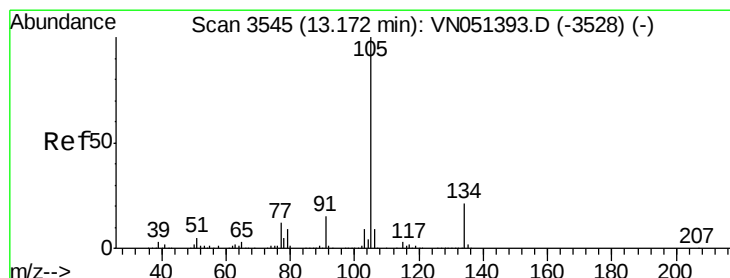
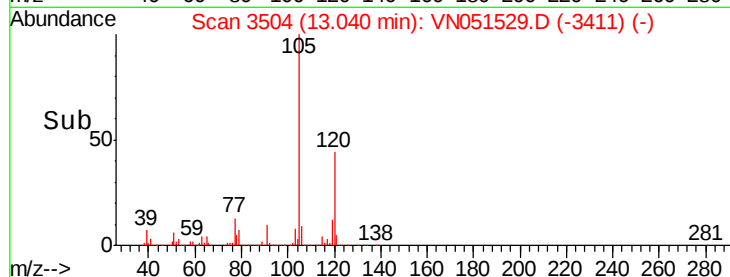
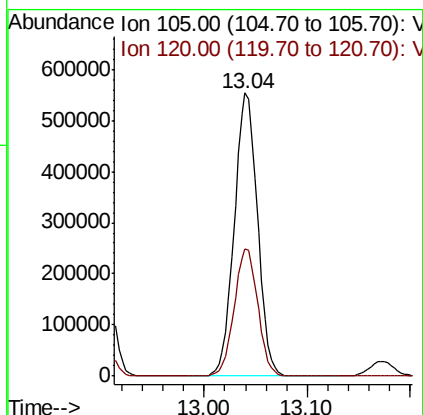
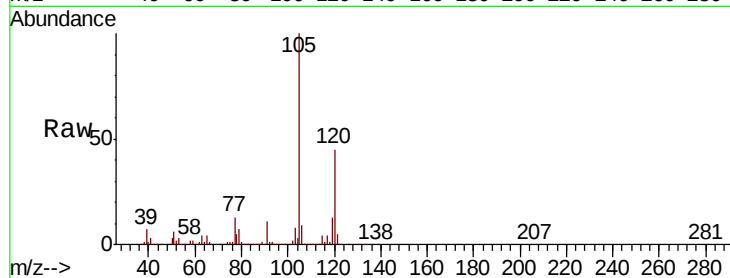




#84
 1,2,4-Trimethylbenzene
 Concen: 32.322 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051529.D
 Acq: 26 Sep 2018 11:10

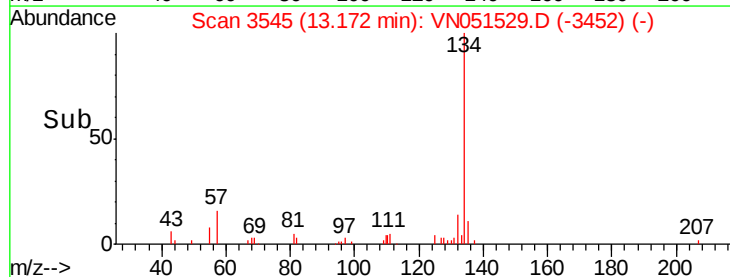
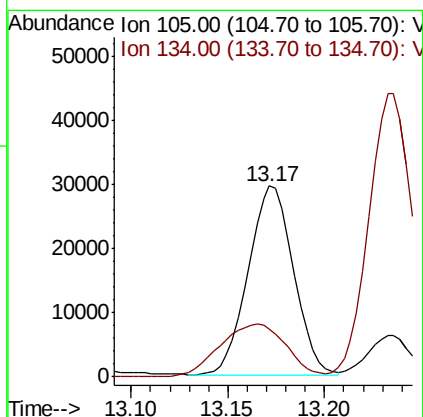
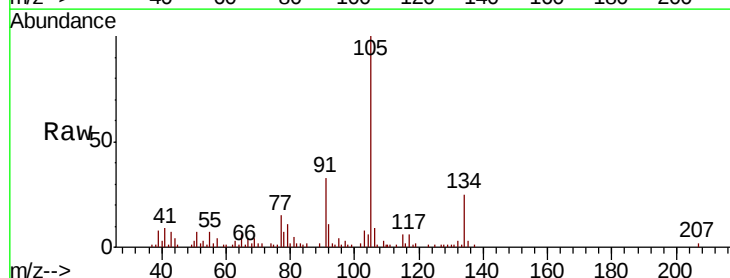
Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW10-GW

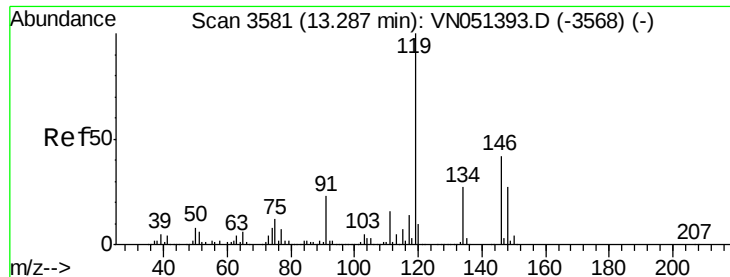
Tgt Ion:105 Resp: 869379
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 1.493 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051529.D
 Acq: 26 Sep 2018 11:10

Tgt Ion:105 Resp: 47998
 Ion Ratio Lower Upper
 105 100
 134 40.8 10.4 31.1#

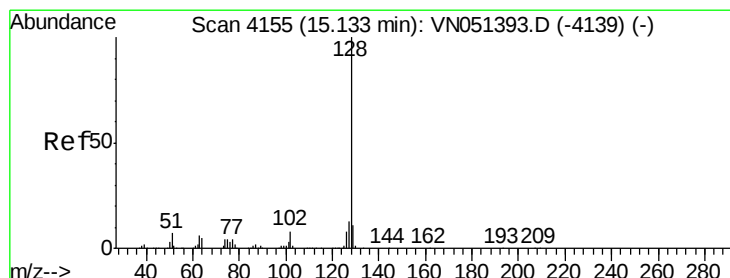
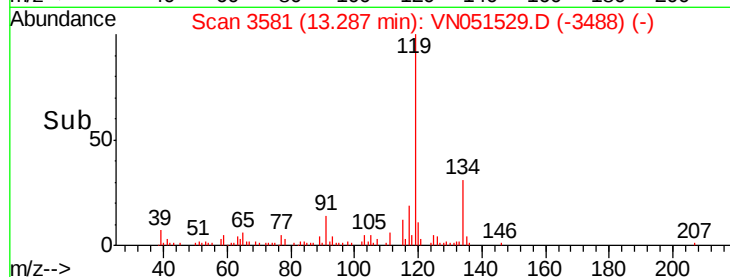
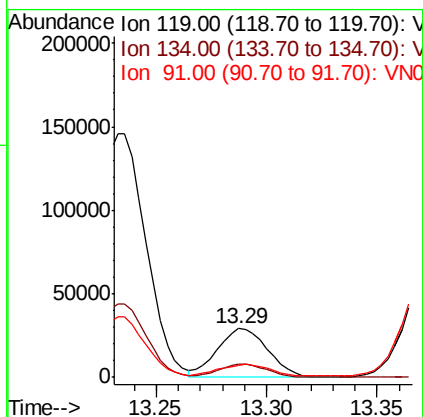
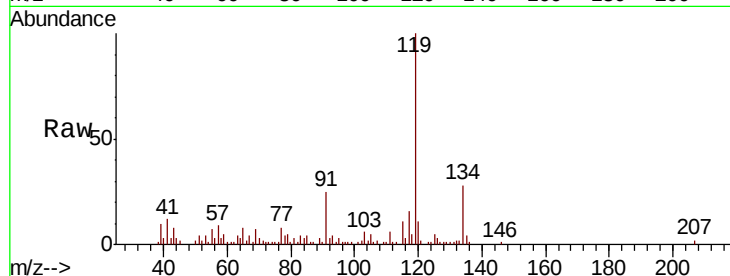




#86
 p-Isopropyltoluene
 Concen: 1.650 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051529.D
 Acq: 26 Sep 2018 11:10

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

Tgt Ion:	119	Resp:	45887
Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.3	39.9
91	24.5	11.4	34.2



#95
 Naphthalene
 Concen: 18.925 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN051529.D
 Acq: 26 Sep 2018 11:10

Tgt Ion:	128	Resp:	187042
Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.5	15.7
129	8.7	8.6	12.8

