

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006149.D
 Acq On : 18 Oct 2018 03:13
 Operator : VA/AP
 Sample : J5579-01
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 7-1-ROLLOFFS

Quant Time: Oct 19 11:33:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	352464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	233708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	65198	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	104236	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	
35) Dibromofluoromethane	7.88	113	100860	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	10.33	98	296003	37.36	ug/l	0.00
Spiked Amount			Recovery	=	74.72%	
62) 4-Bromofluorobenzene	12.62	95	73483	24.69	ug/l	0.00
Spiked Amount			Recovery	=	49.38%	

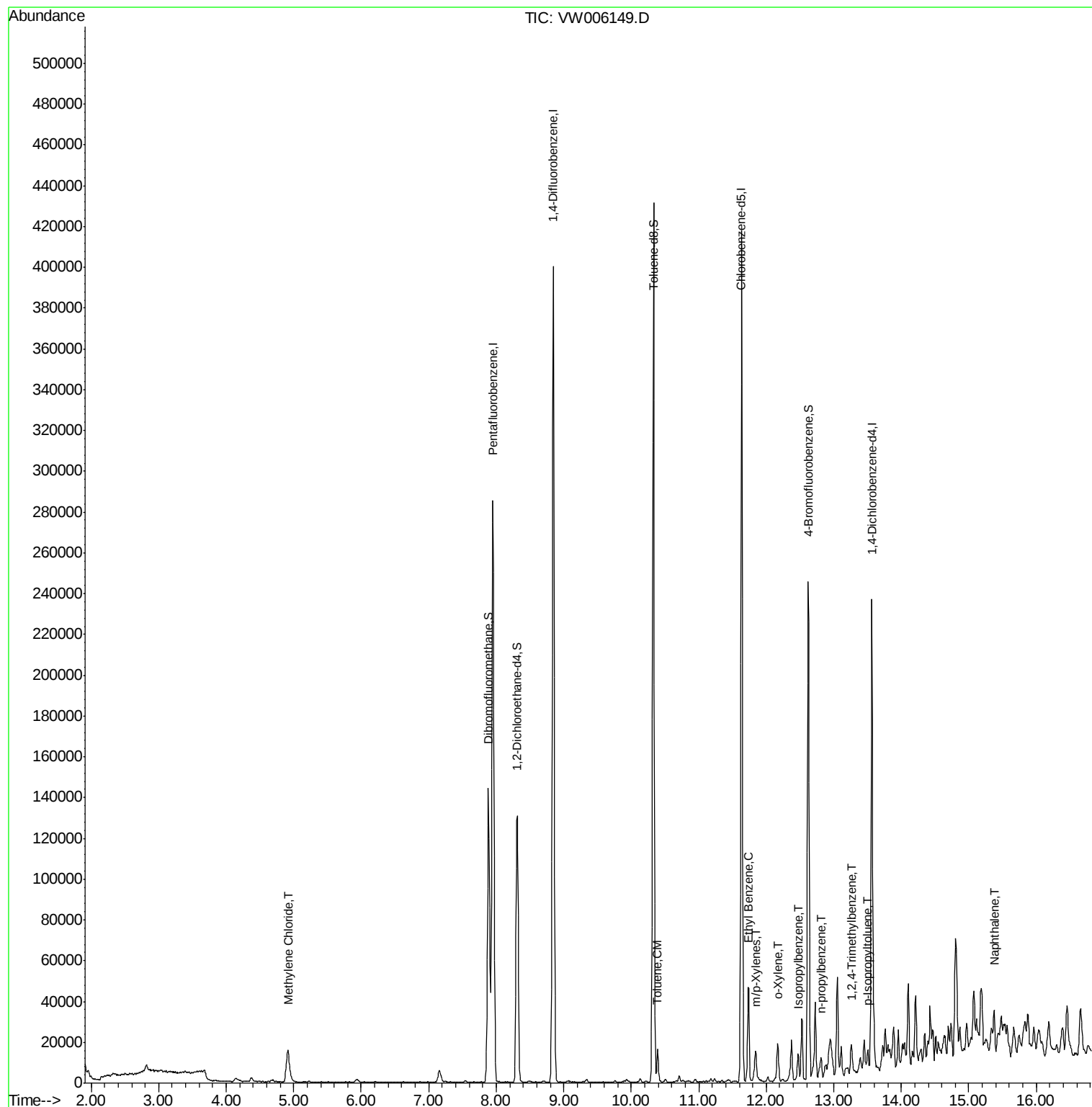
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	13714	5.241	ug/l	93
52) Toluene	10.39	92	6717	1.124	ug/l	99
67) Ethyl Benzene	11.74	91	33456	3.859	ug/l	98
68) m/p-Xylenes	11.84	106	4309	1.257	ug/l	87
69) o-Xylene	12.17	106	4954	1.517	ug/l	99
73) Isopropylbenzene	12.47	105	6661	1.446	ug/l	97
78) n-propylbenzene	12.81	91	7243	1.352	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	8145	2.073	ug/l	98
86) p-Isopropyltoluene	13.51	119	5748	1.295	ug/l	96
95) Naphthalene	15.38	128	17172	6.699	ug/l	96

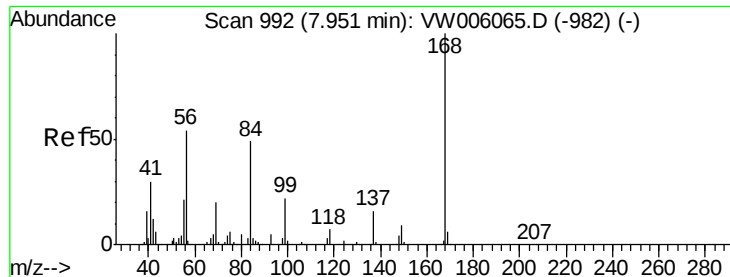
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 19 11:33:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006149.D

Acq: 18 Oct 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

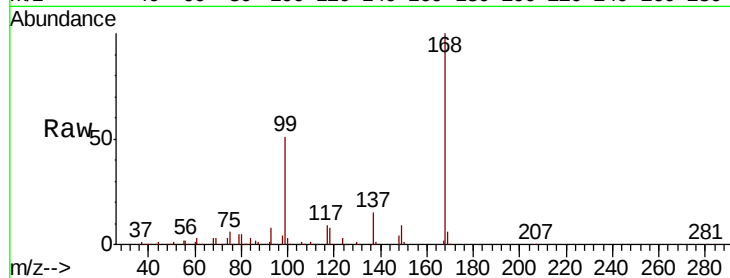
7-1-ROLLOFFS

Tot Ion:168 Resp: 233401

Ion Ratio Lower Upper

168 100

99 50.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

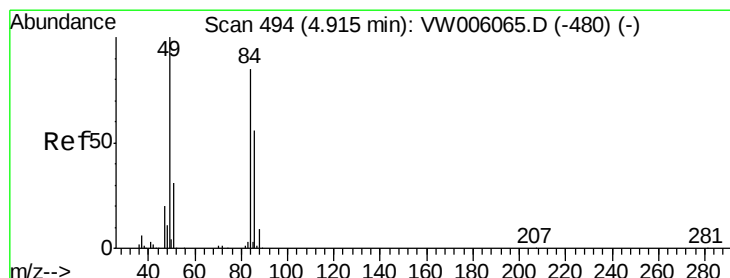
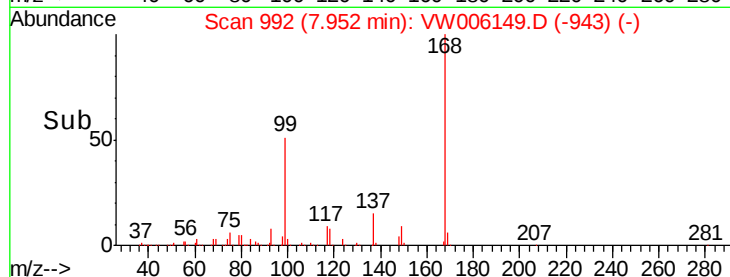
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.241 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006149.D

Acq: 18 Oct 2018 03:13

Tgt Ion: 84 Resp: 13714

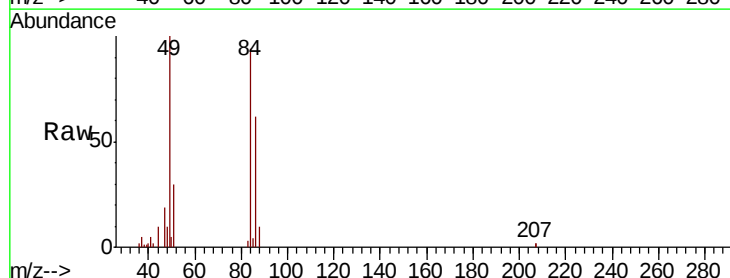
Ion Ratio Lower Upper

84 100

49 105.9 93.6 140.4

51 31.4 29.0 43.4

86 65.2 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.92

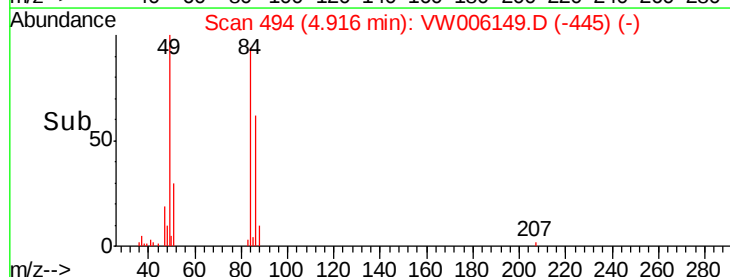
6000

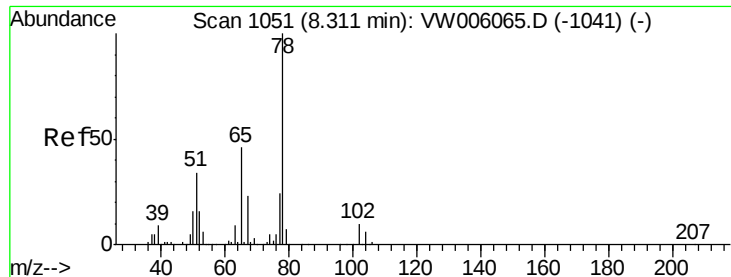
4000

2000

0

Time--> 4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 53.868 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006149.D

Acq: 18 Oct 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

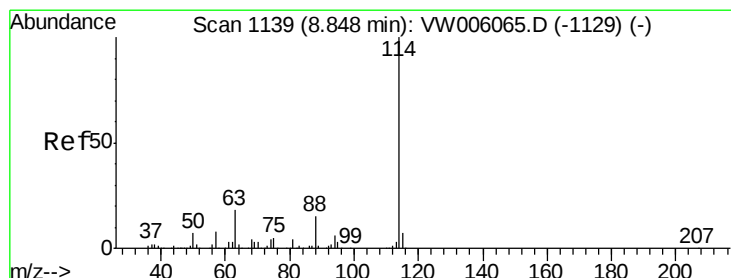
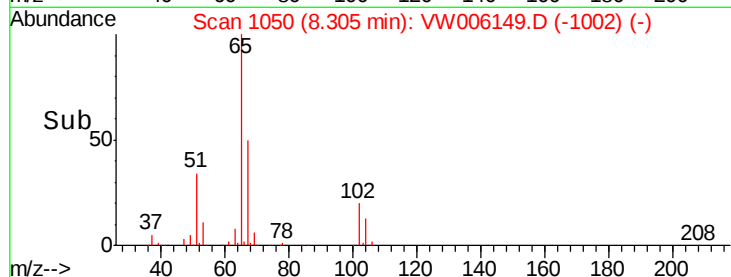
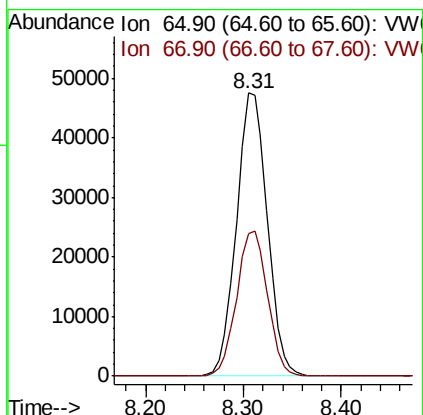
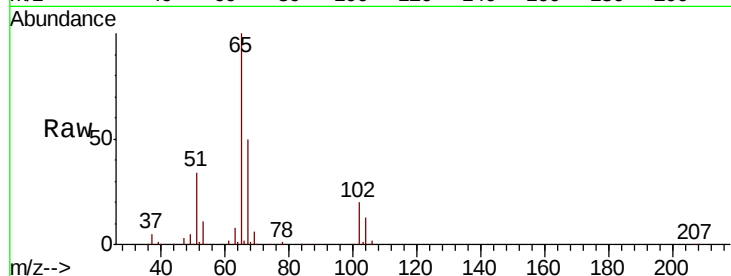
7-1-ROLLOFFS

Tot Ion: 65 Resp: 104236

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006149.D

Acq: 18 Oct 2018 03:13

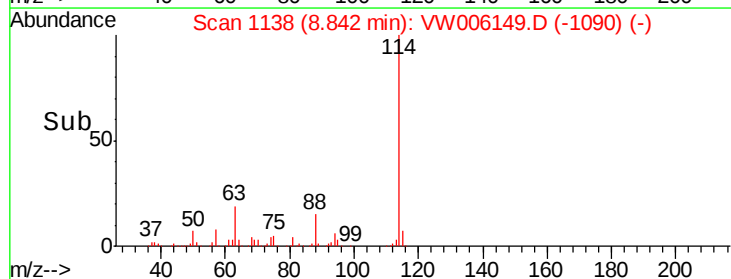
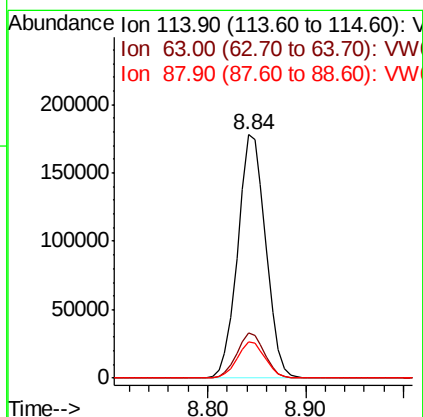
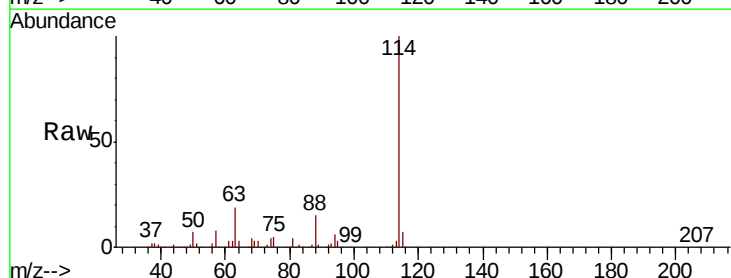
Tgt Ion: 114 Resp: 352464

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 14.7 0.0 29.0

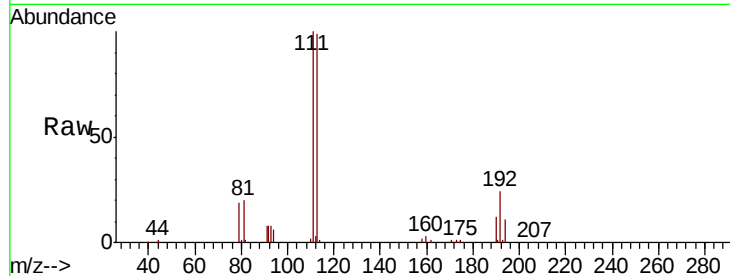




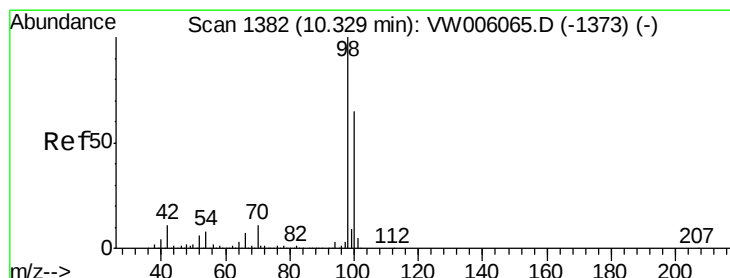
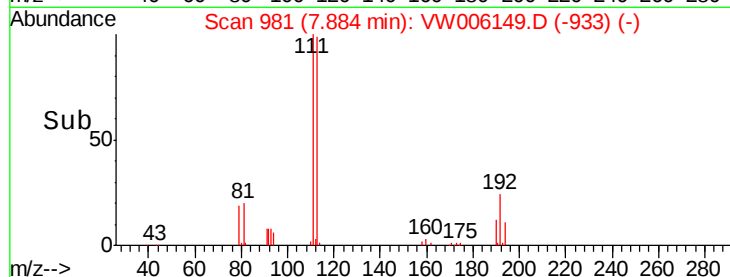
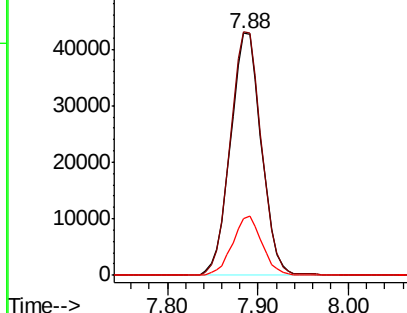
#35
 Dibromofluoromethane
 Concen: 48.428 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006149.D
 Acq: 18 Oct 2018 03:13

Instrument :
 MSVOA_W
 ClientSampleId :
 7-1-ROLLOFFS

Tot Ion:113 Resp: 100860
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.0
 192 23.3 18.7 28.1

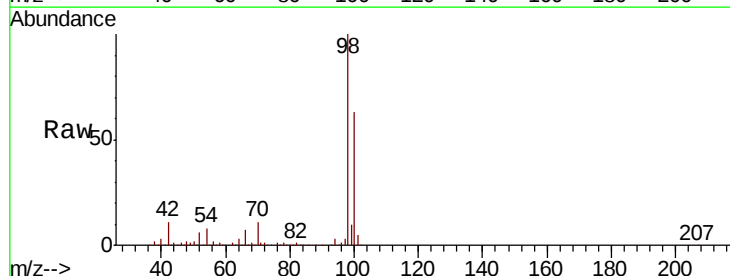


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

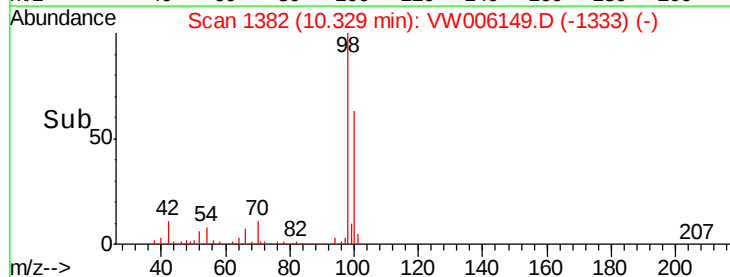
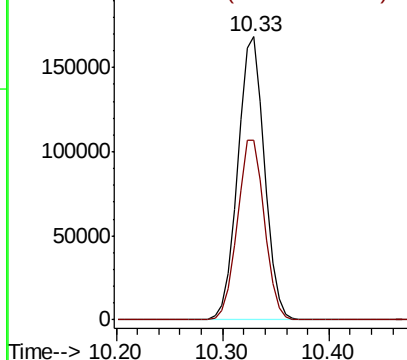


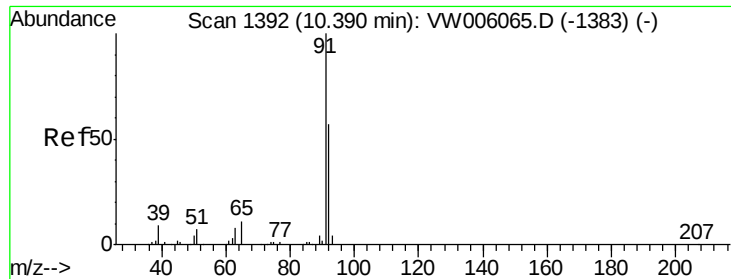
#50
 Toluene-d8
 Concen: 37.357 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006149.D
 Acq: 18 Oct 2018 03:13

Tgt Ion: 98 Resp: 296003
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.6 77.4



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





#52

Toluene

Concen: 1.124 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006149.D

Acq: 18 Oct 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

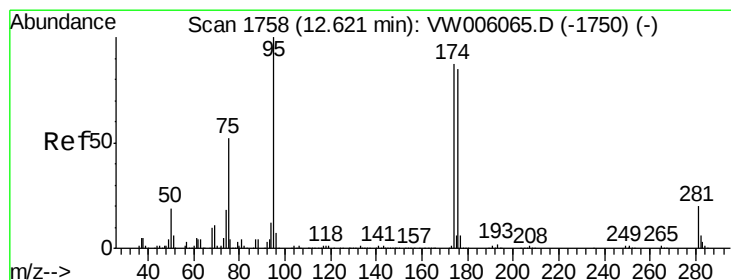
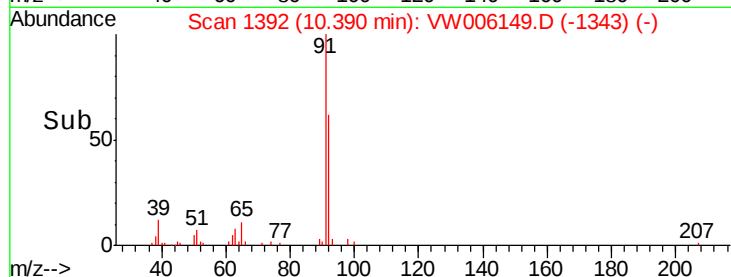
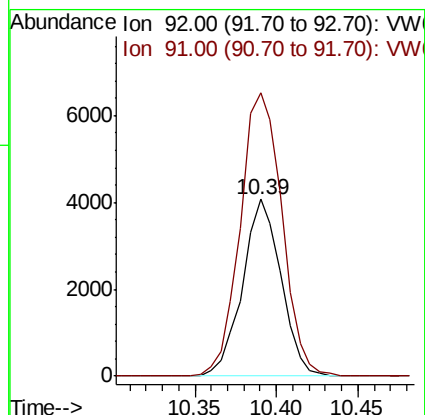
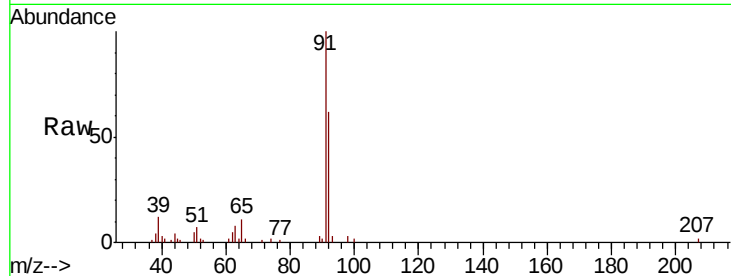
7-1-ROLLOFFS

Tot Ion: 92 Resp: 6717

Ion Ratio Lower Upper

92 100

91 173.3 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 24.692 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006149.D

Acq: 18 Oct 2018 03:13

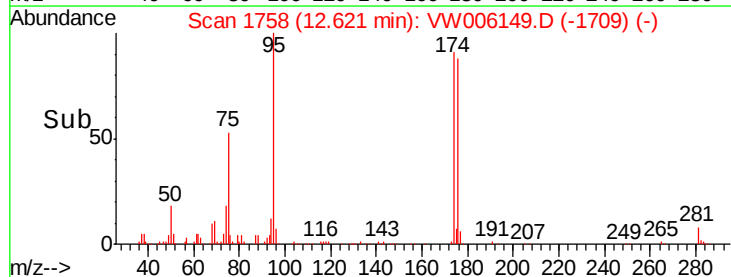
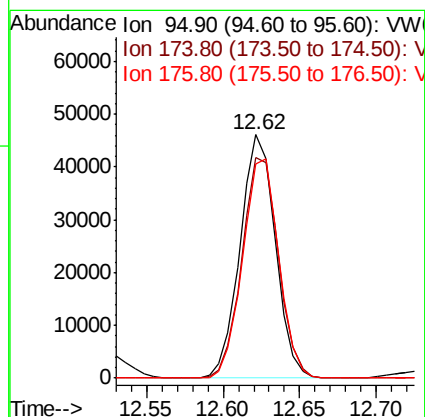
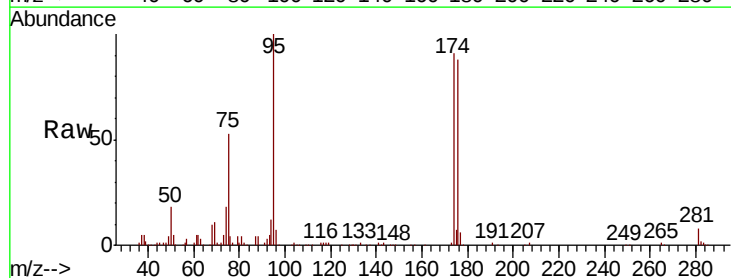
Tgt Ion: 95 Resp: 73483

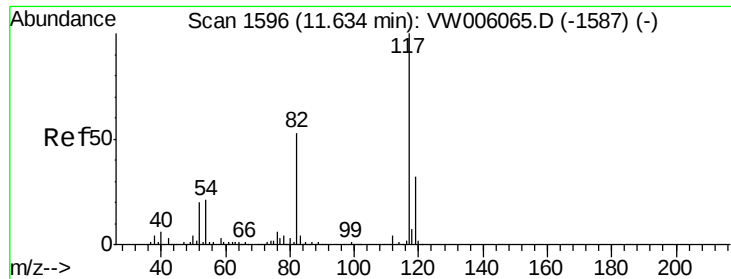
Ion Ratio Lower Upper

95 100

174 94.2 0.0 186.0

176 92.8 0.0 181.6

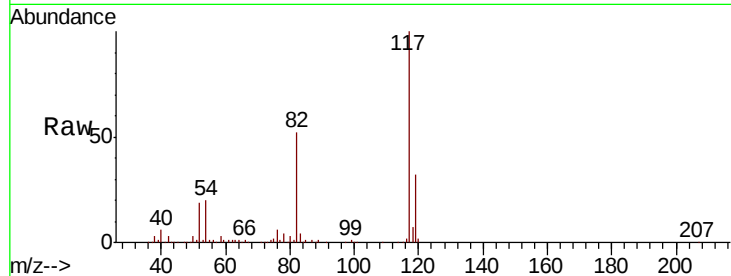




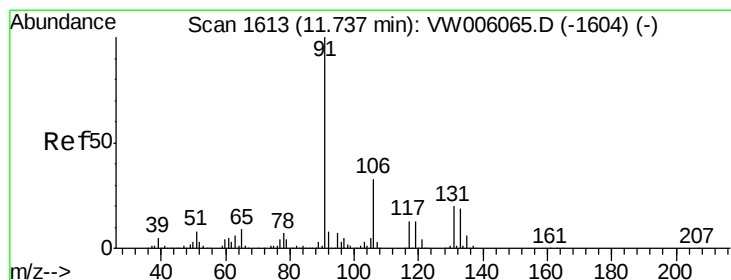
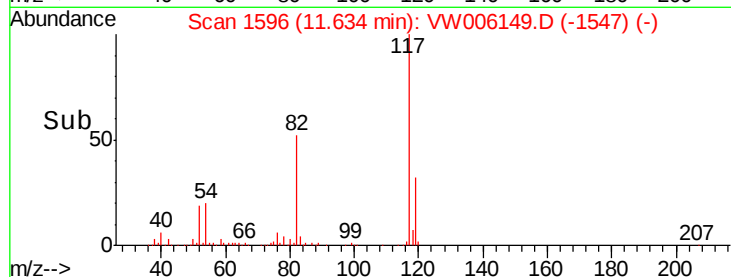
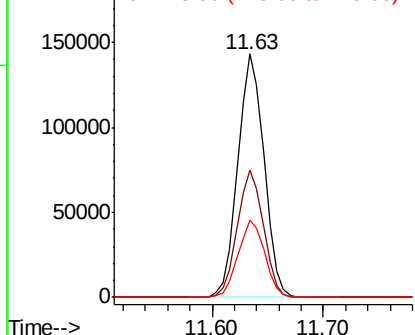
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFS

Tot Ion:117 Resp: 233708
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 31.7 25.8 38.6

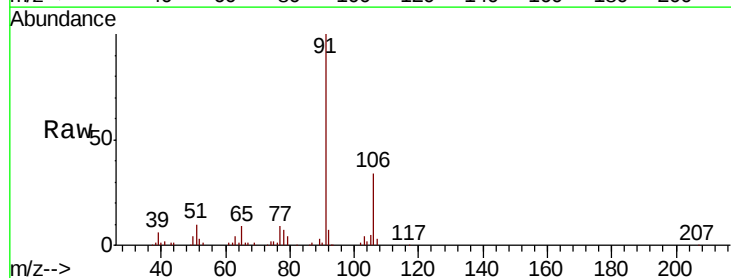


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

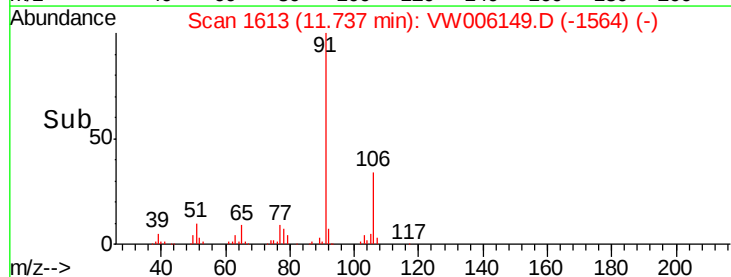
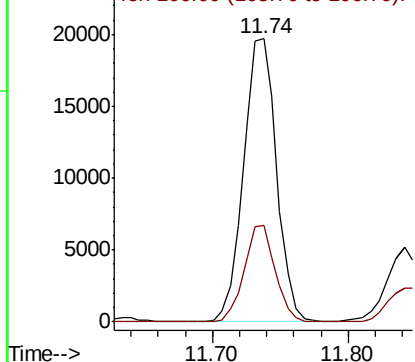


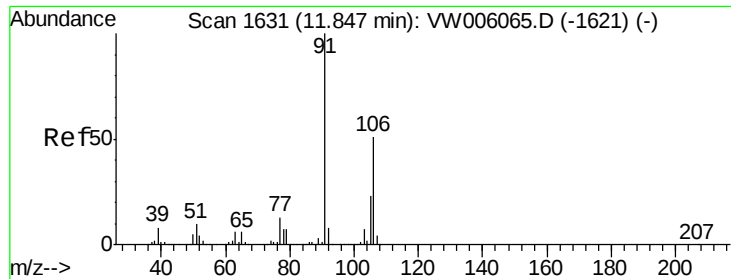
#67
Ethyl Benzene
Concen: 3.859 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion: 91 Resp: 33456
Ion Ratio Lower Upper
91 100
106 33.9 26.1 39.1



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

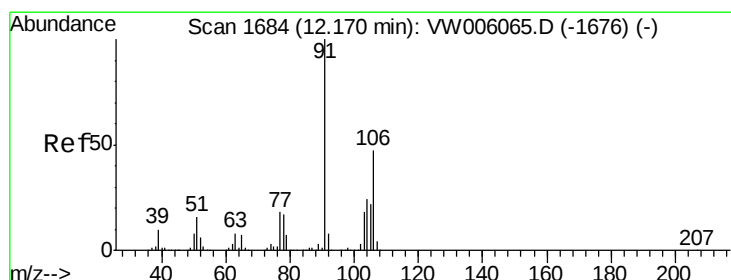
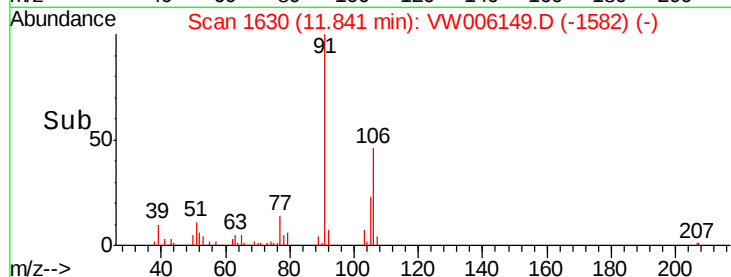
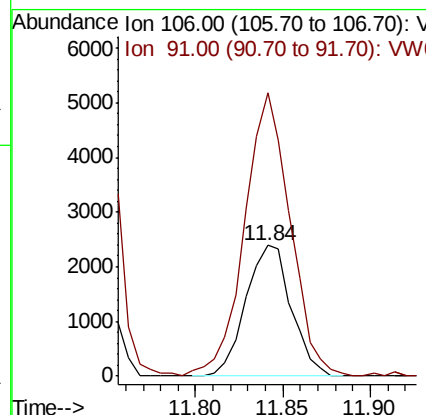
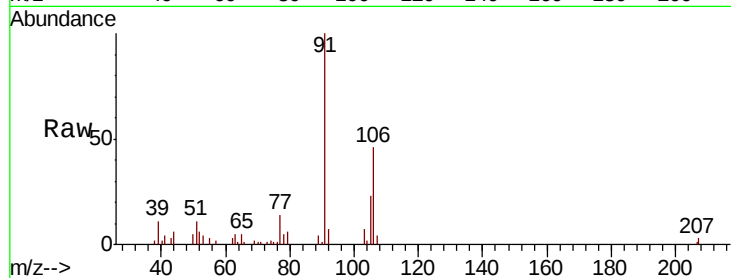




#68
m/p-Xylenes
Concen: 1.257 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

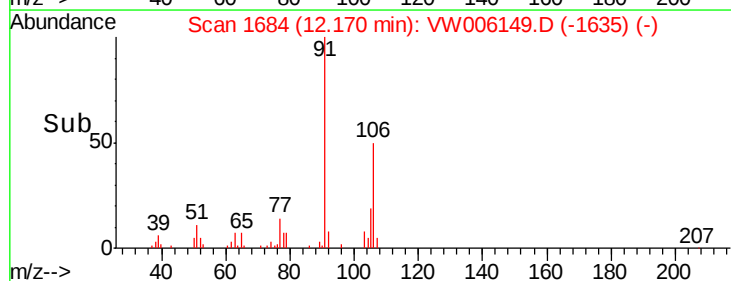
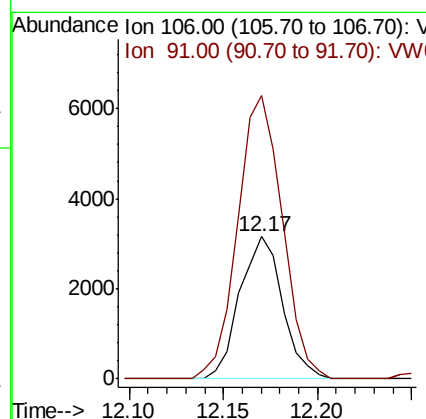
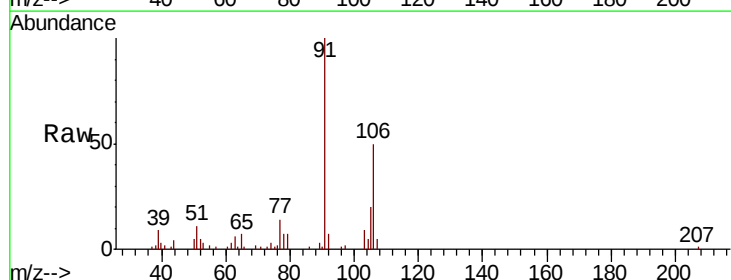
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MSVOA_W
ClientSampleId :
7-1-ROLLOFFS

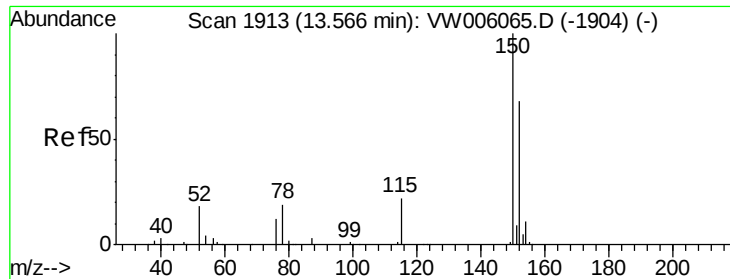
Tot Ion:106 Resp: 4309
Ion Ratio Lower Upper
106 100
91 218.0 159.1 238.7



#69
o-Xylene
Concen: 1.517 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion:106 Resp: 4954
Ion Ratio Lower Upper
106 100
91 208.4 105.4 316.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006149.D

Acq: 18 Oct 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

7-1-ROLLOFFS

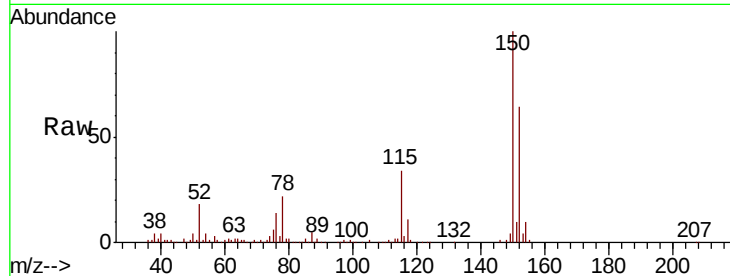
Tot Ion:152 Resp: 65198

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.3

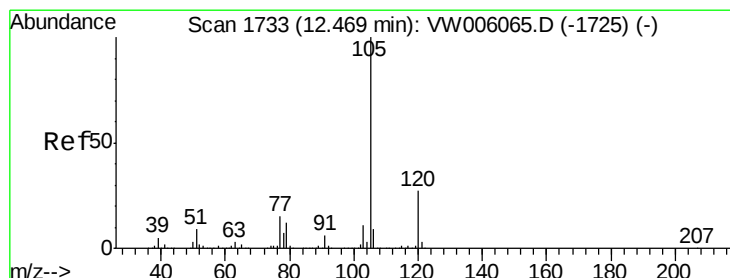
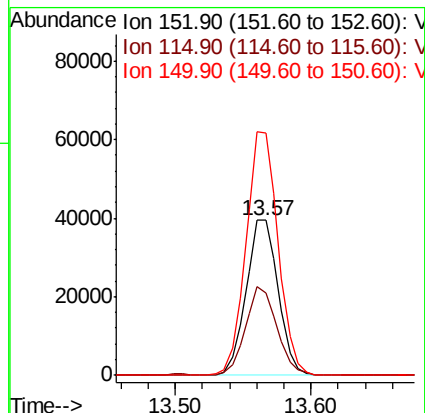
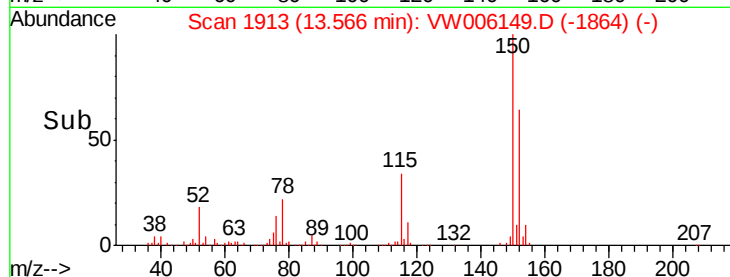
150 156.4 0.0 349.2



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: 1.446 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006149.D

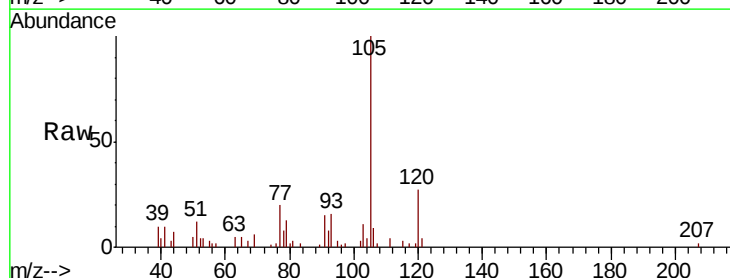
Acq: 18 Oct 2018 03:13

Tgt Ion:105 Resp: 6661

Ion Ratio Lower Upper

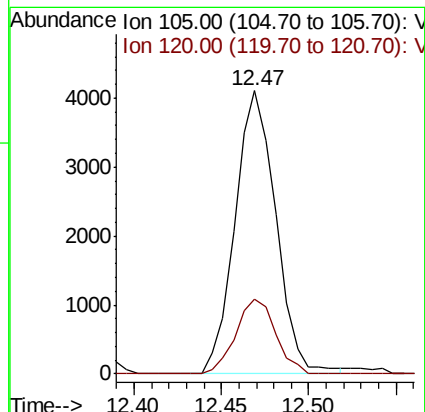
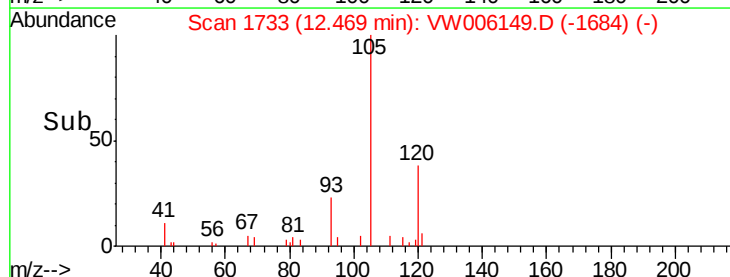
105 100

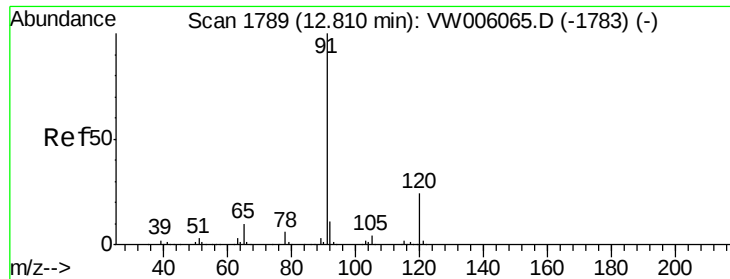
120 25.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.352 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006149.D

Acq: 18 Oct 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

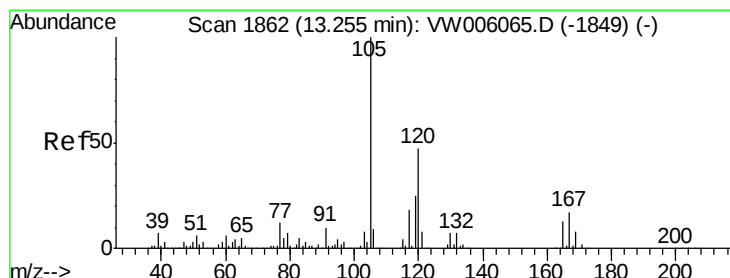
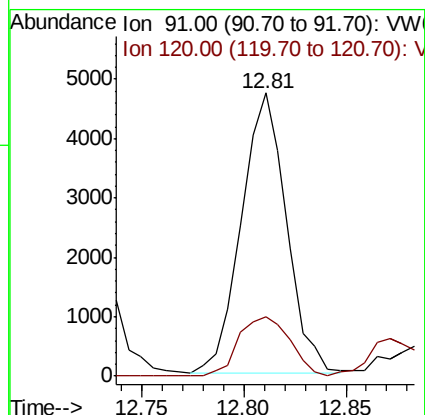
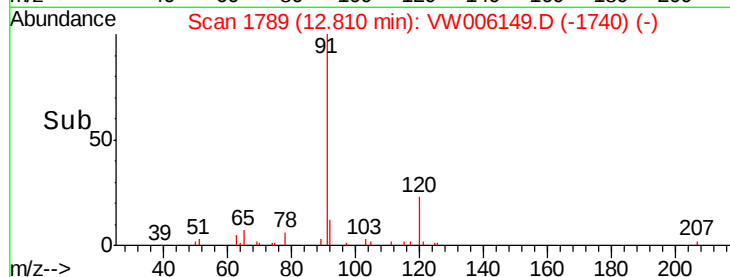
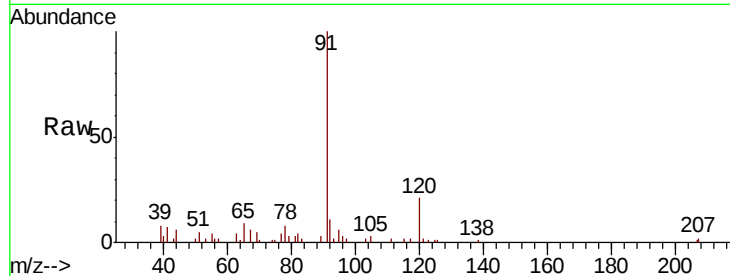
7-1-ROLLOFFS

Tot Ion: 91 Resp: 7243

Ion Ratio Lower Upper

91 100

120 23.9 12.2 36.6



#84

1,2,4-Trimethylbenzene

Concen: 2.073 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006149.D

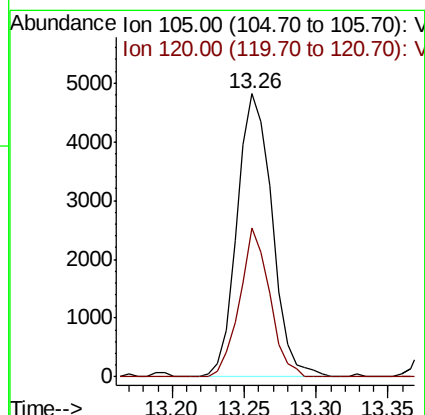
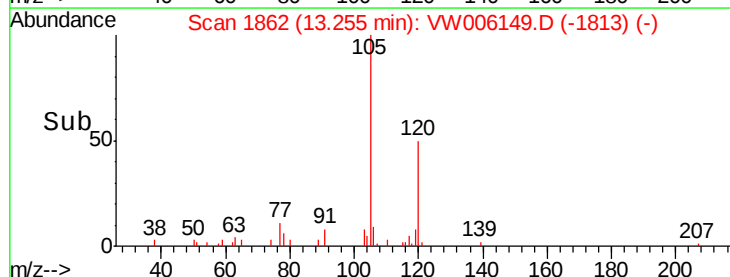
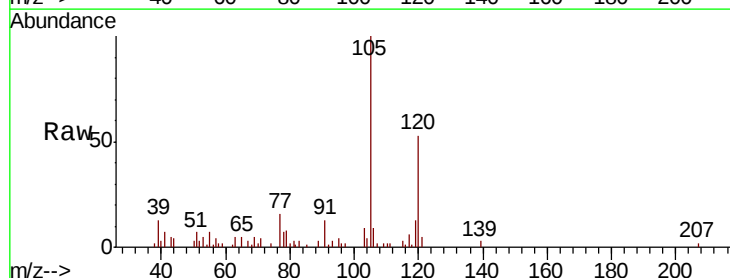
Acq: 18 Oct 2018 03:13

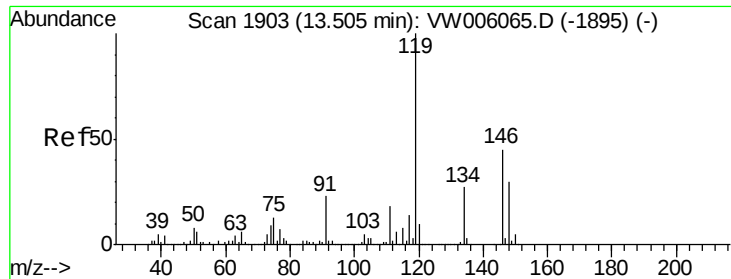
Tgt Ion:105 Resp: 8145

Ion Ratio Lower Upper

105 100

120 45.1 23.1 69.3

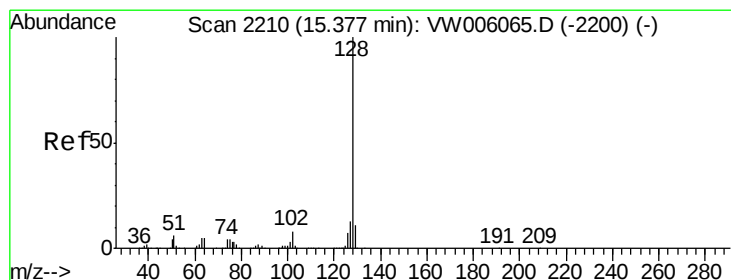
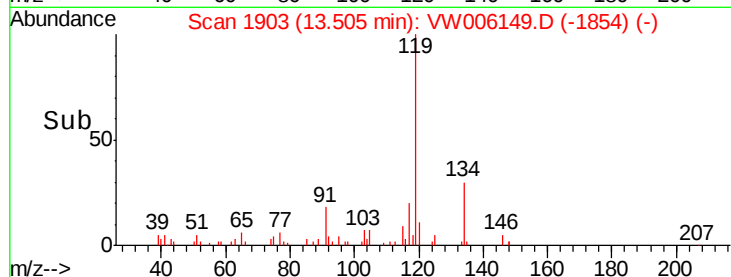
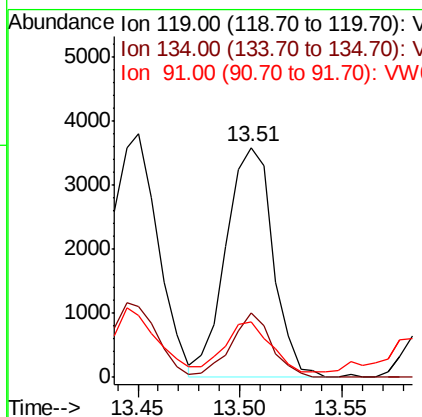
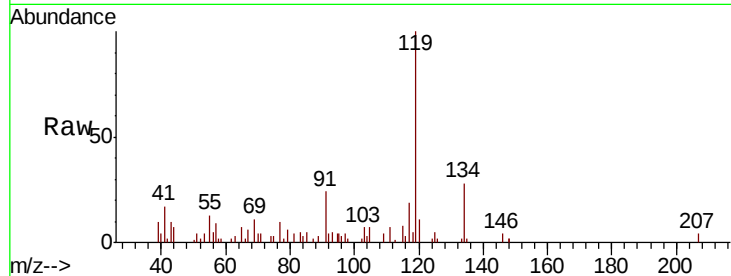




#86
 p-Isopropyltoluene
 Concen: 1.295 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006149.D
 Acq: 18 Oct 2018 03:13

Instrument :
 MSVOA_W
 ClientSampleId :
 7-1-ROLLOFFS

Tot Ion:119 Resp: 5748
 Ion Ratio Lower Upper
 119 100
 134 24.2 13.4 40.2
 91 21.0 11.4 34.1



#95
 Naphthalene
 Concen: 6.699 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006149.D
 Acq: 18 Oct 2018 03:13

Tgt Ion:128 Resp: 17172
 Ion Ratio Lower Upper
 128 100
 127 15.3 10.3 15.5
 129 10.6 8.7 13.1

