

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004351.D
 Acq On : 30 Jul 2018 09:18
 Operator : SY/AP
 Sample : J4126-03RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12RE

Quant Time: Jul 30 11:52:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	209342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	140206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	44340	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	66077	54.48	ug/l	0.00
Spiked Amount			Recovery	=	108.96%	
35) Dibromofluoromethane	7.88	113	62600	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	10.33	98	198623	37.99	ug/l	0.00
Spiked Amount			Recovery	=	75.98%	
62) 4-Bromofluorobenzene	12.62	95	51354	27.90	ug/l	0.00
Spiked Amount			Recovery	=	55.80%	

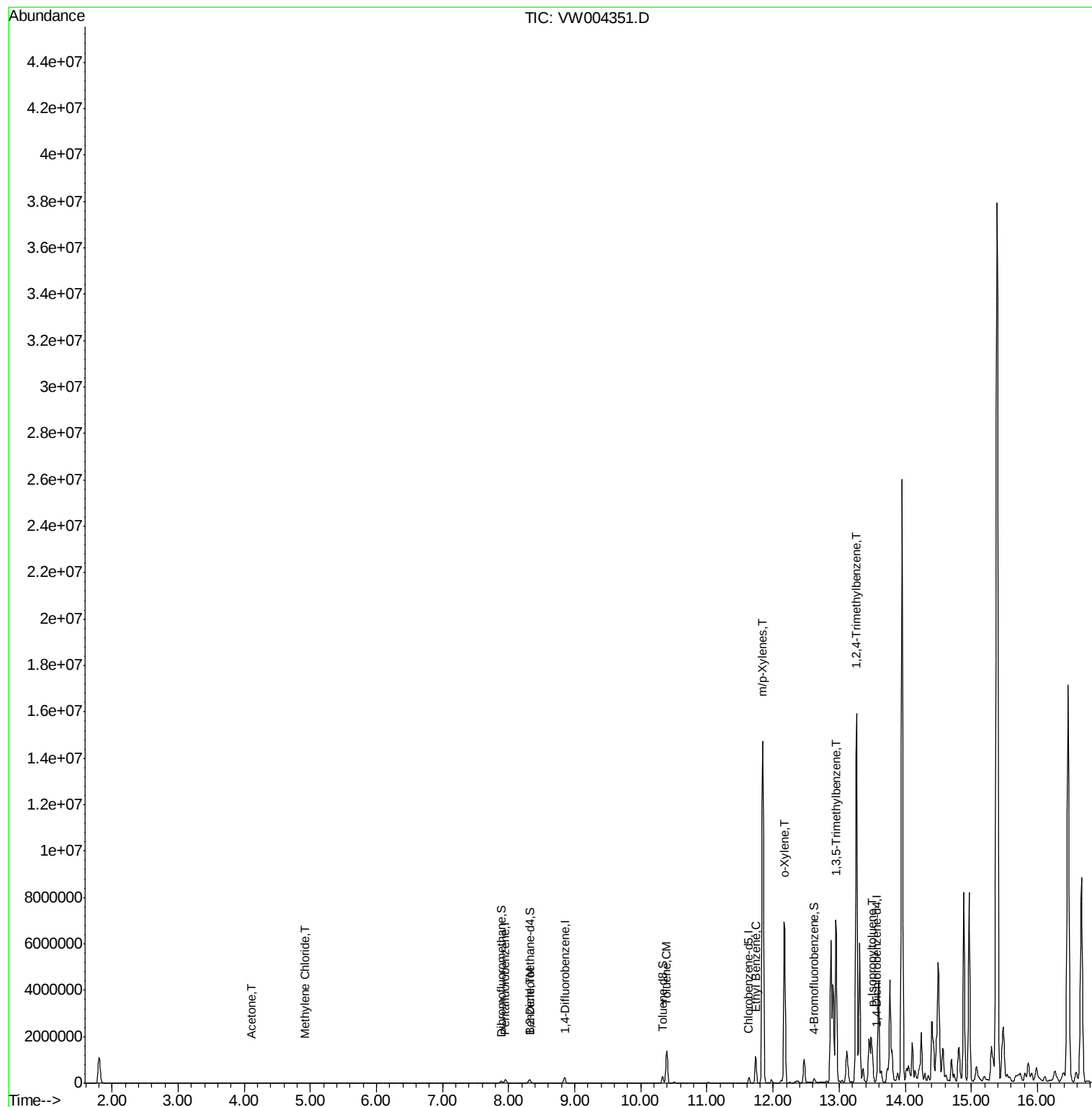
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	4609	27.61	ug/l	96
20) Methylene Chloride	4.91	84	3305	1.34	ug/l	96
40) Benzene	8.33	78	95704	16.24	ug/l	99
52) Toluene	10.39	92	612485	165.59	ug/l	100
67) Ethyl Benzene	11.74	91	821676	160.08	ug/l	100
68) m/p-Xylenes	11.84	106	4783248	2421.68	ug/l	97
69) o-Xylene	12.17	106	1987459	1089.02	ug/l	94
80) 1,3,5-Trimethylbenzene	12.95	105	3863387	1458.65	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	9021010	3339.58	ug/l	98
86) p-Isopropyltoluene	13.51	119	524908	181.33	ug/l	95

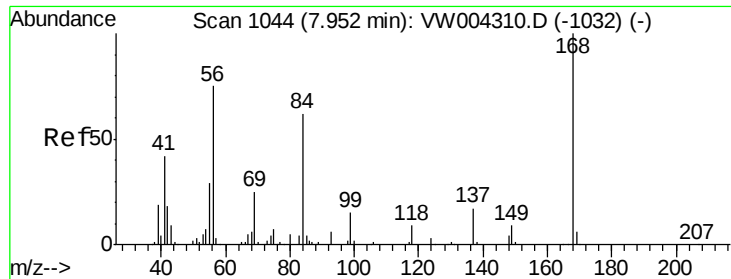
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

ClientSampleId :

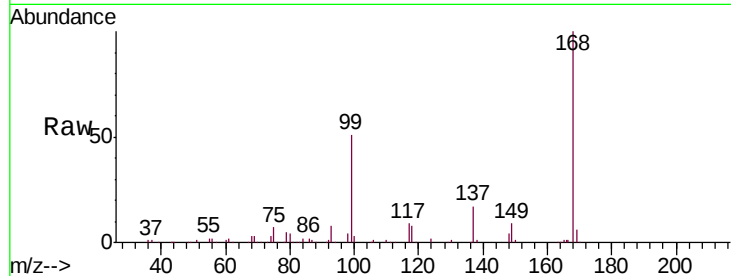
2018-NYSEG-CLARK-AREA-12RE

Tot Ion:168 Resp: 120242

Ion Ratio Lower Upper

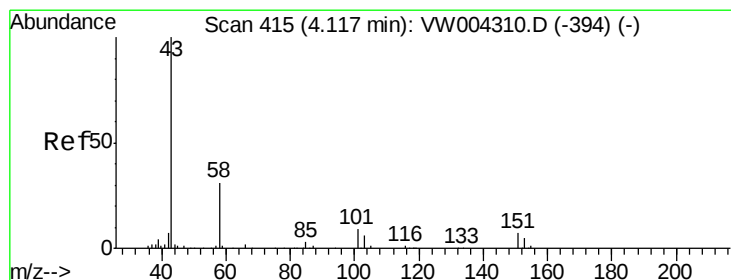
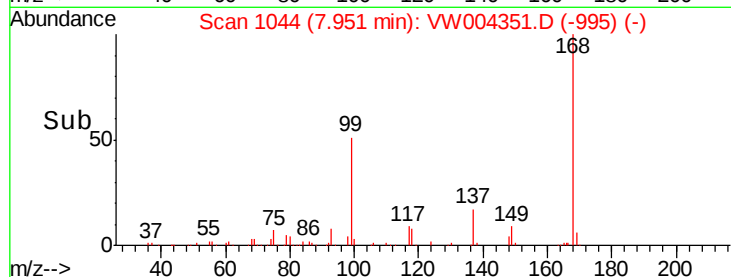
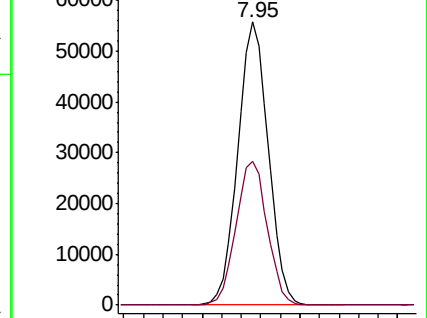
168 100

99 50.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 27.61 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW004351.D

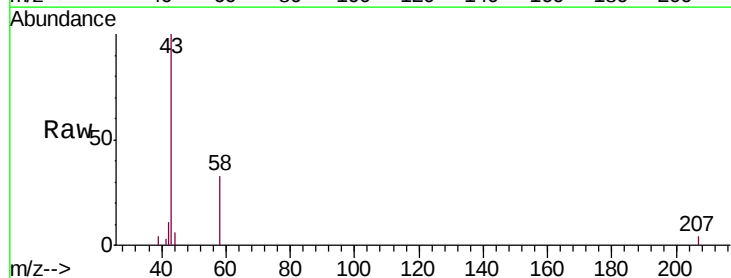
Acq: 30 Jul 2018 09:18

Tgt Ion: 43 Resp: 4609

Ion Ratio Lower Upper

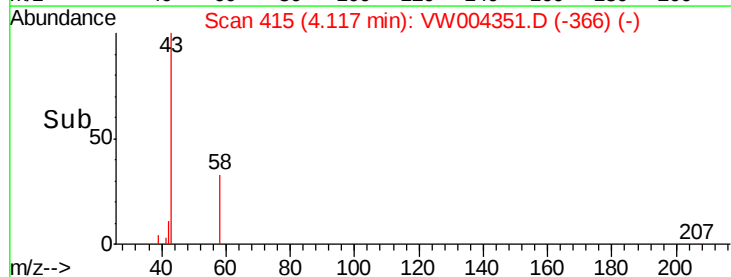
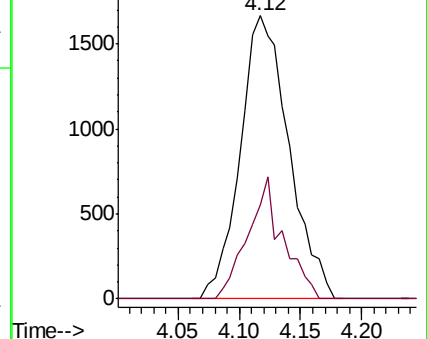
43 100

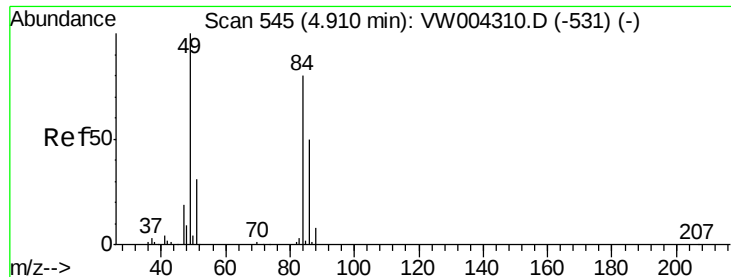
58 33.0 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 1.34 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-12RE

Tot Ion: 84 Resp: 3305

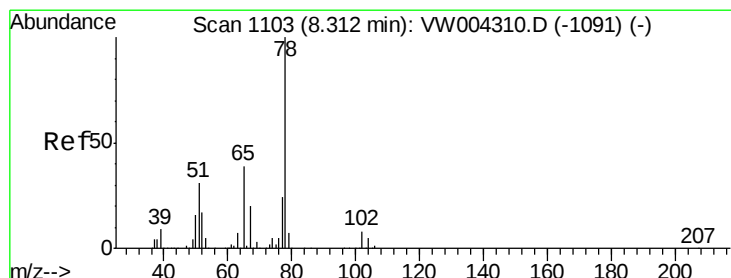
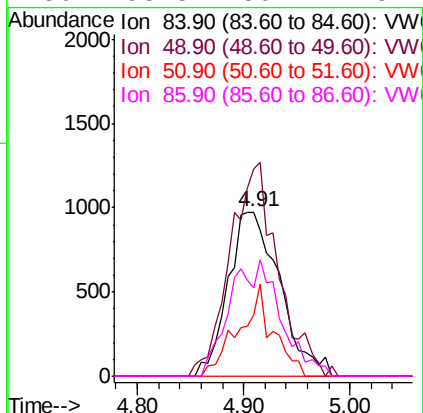
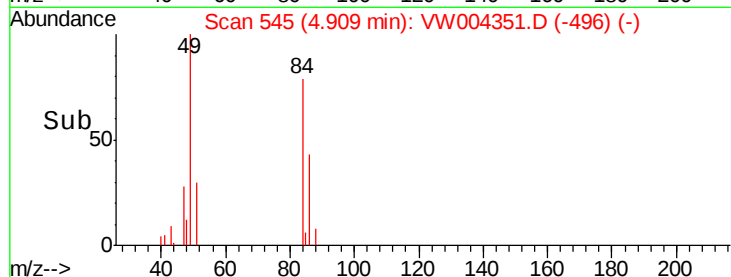
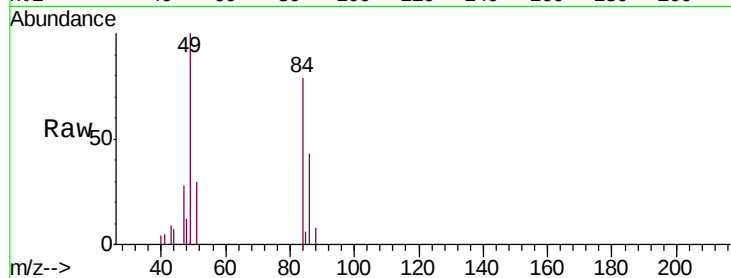
Ion Ratio Lower Upper

84 100

49 125.9 100.5 150.7

51 37.6 30.9 46.3

86 53.5 50.2 75.4



#33

1,2-Dichloroethane-d4

Concen: 54.48 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004351.D

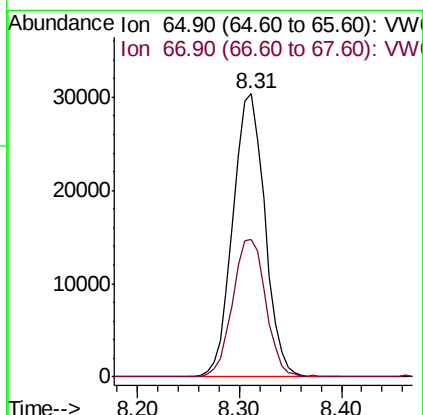
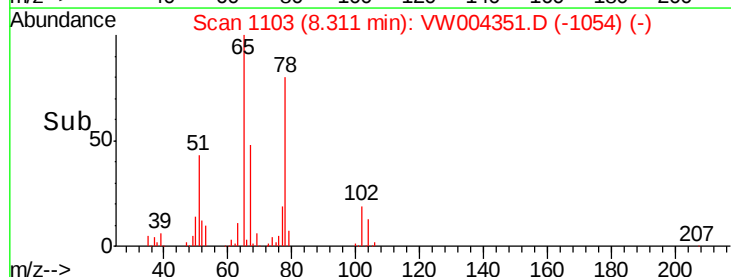
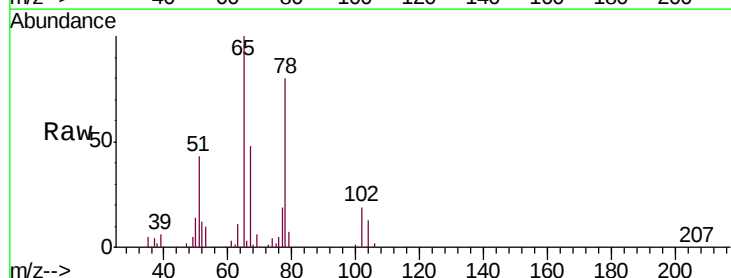
Acq: 30 Jul 2018 09:18

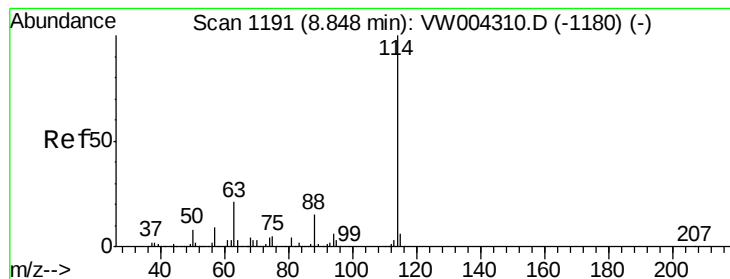
Tgt Ion: 65 Resp: 66077

Ion Ratio Lower Upper

65 100

67 50.3 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

ClientSampleId :

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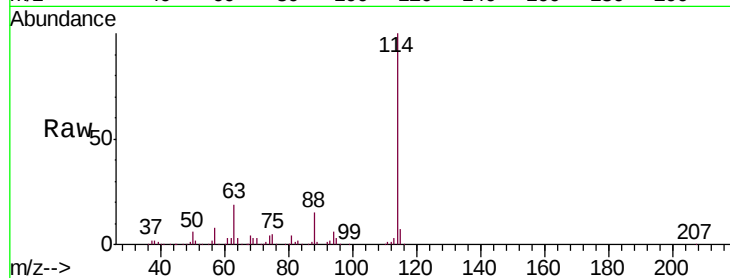
Tot Ion:114 Resp: 209342

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.4

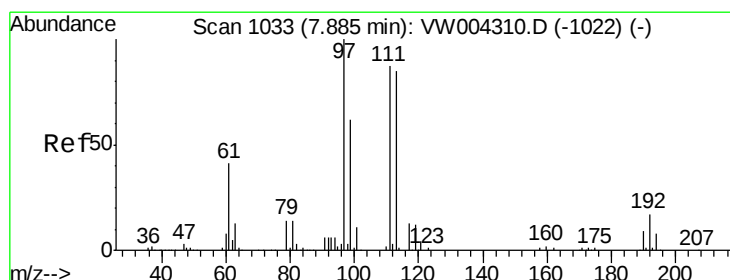
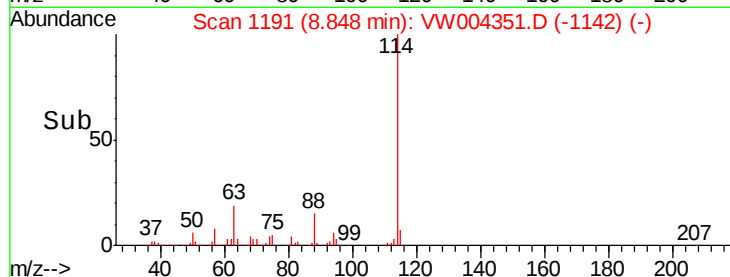
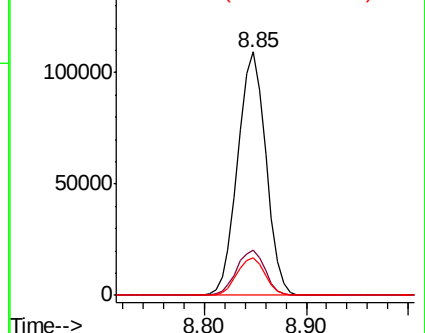
88 15.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 47.32 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

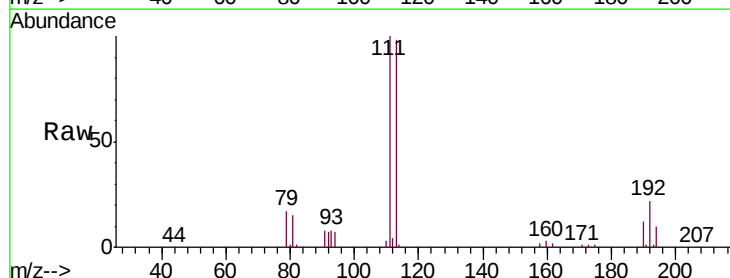
Tgt Ion:113 Resp: 62600

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

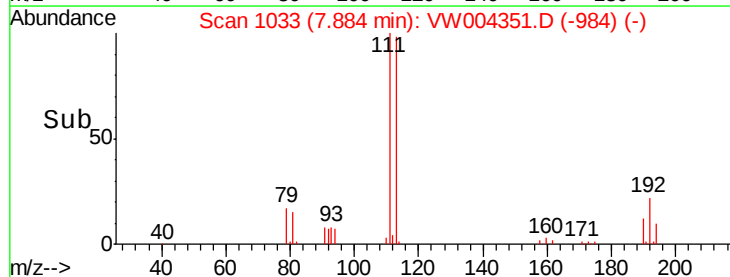
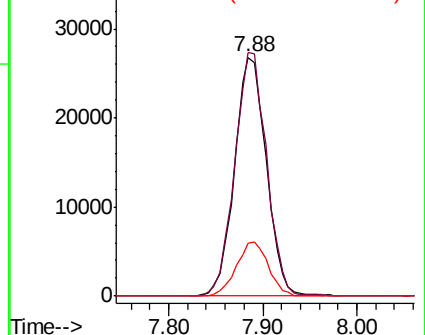
192 22.8 16.2 24.4

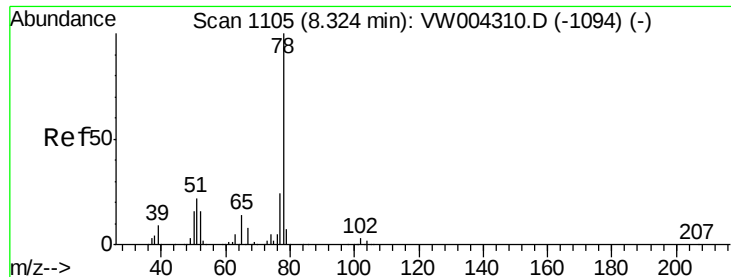


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

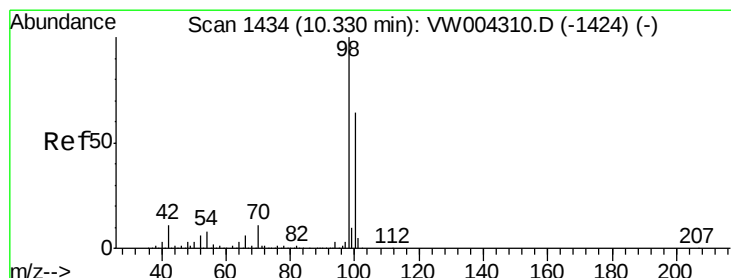
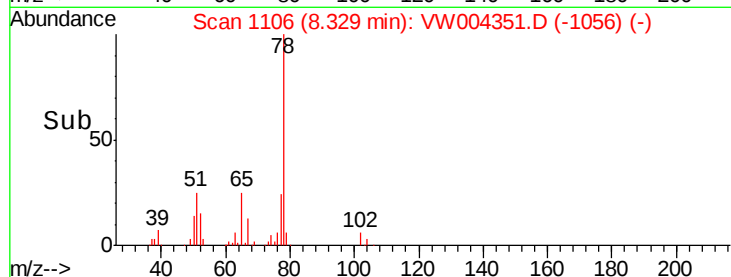
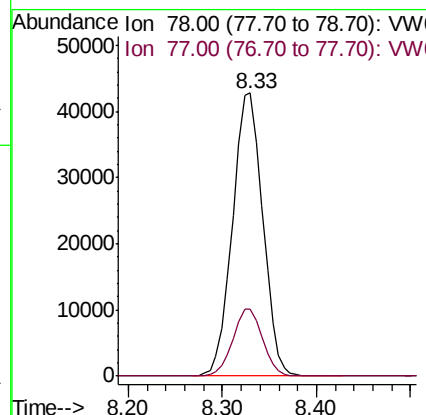
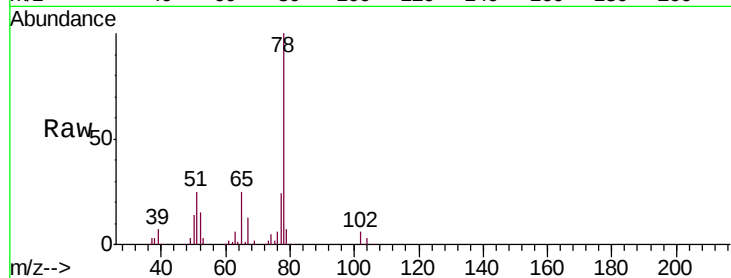




#40
Benzene
Concen: 16.24 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

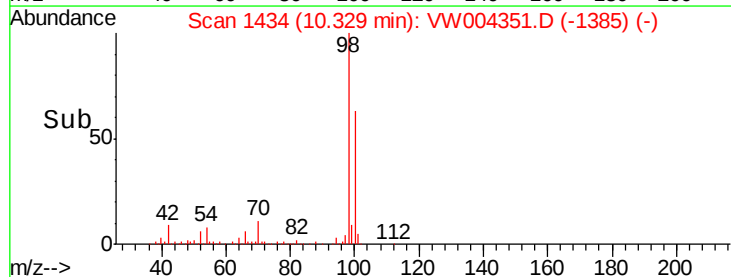
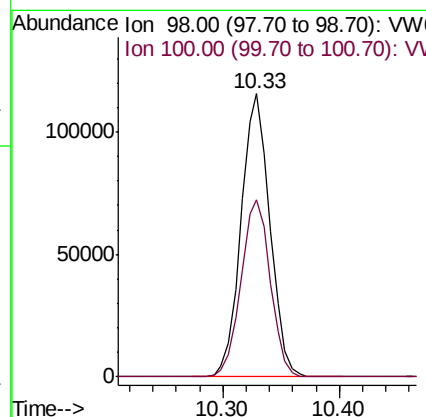
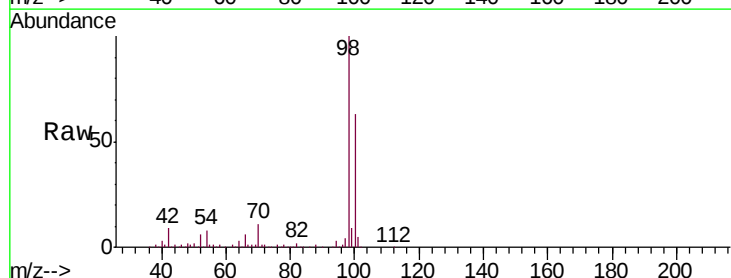
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-12RE

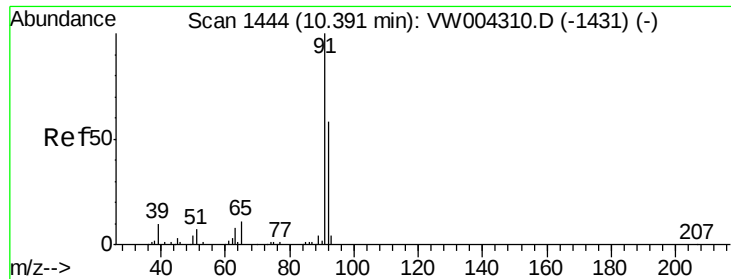
Tot Ion: 78 Resp: 95704
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0



#50
Toluene-d8
Concen: 37.99 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

Tgt Ion: 98 Resp: 198623
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3





#52

Toluene

Concen: 165.59 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

ClientSampleId :

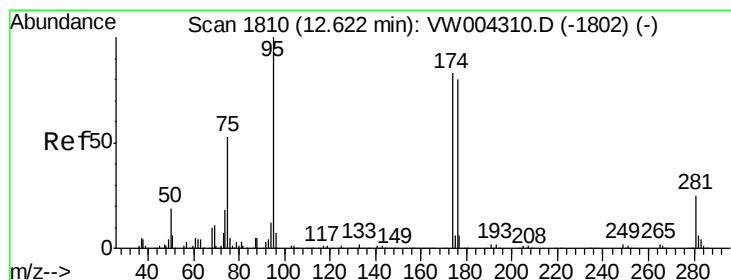
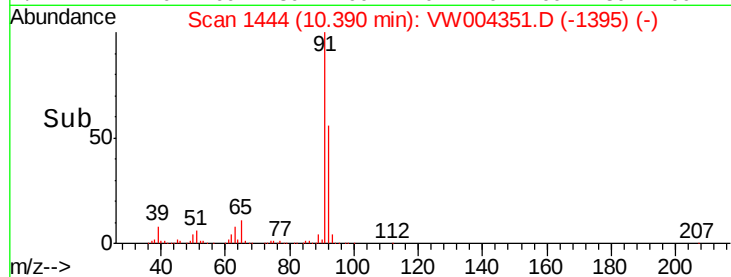
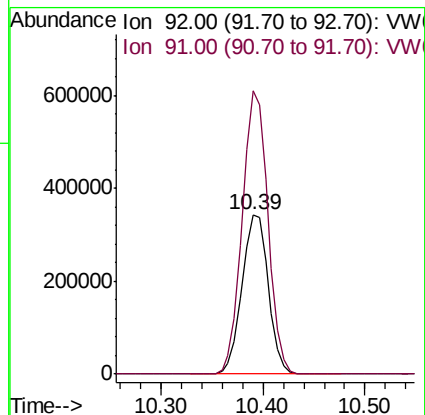
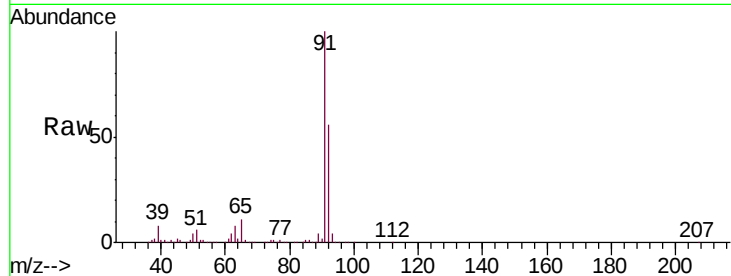
2018-NYSEG-CLARK-AREA-12RE

Tot Ion: 92 Resp: 612485

Ion Ratio Lower Upper

92 100

91 173.6 139.0 208.4



#62

4-Bromofluorobenzene

Concen: 27.90 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

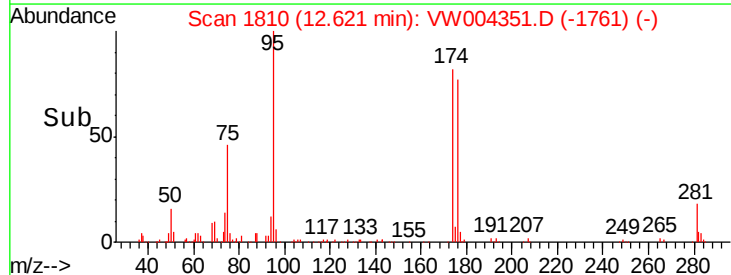
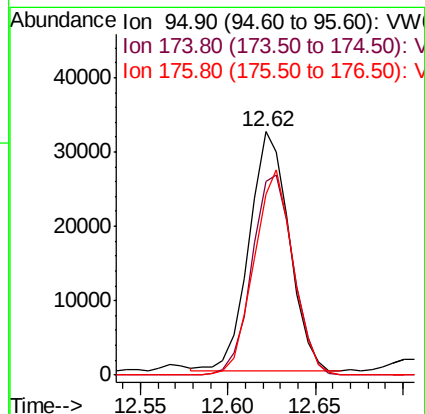
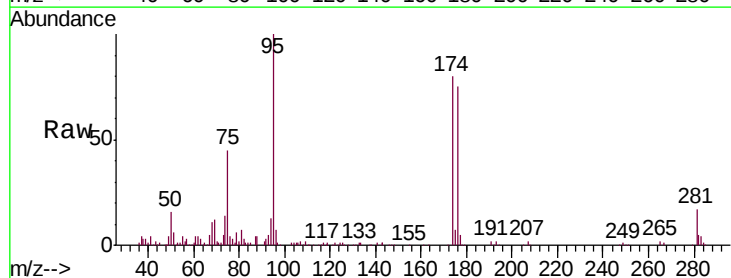
Tgt Ion: 95 Resp: 51354

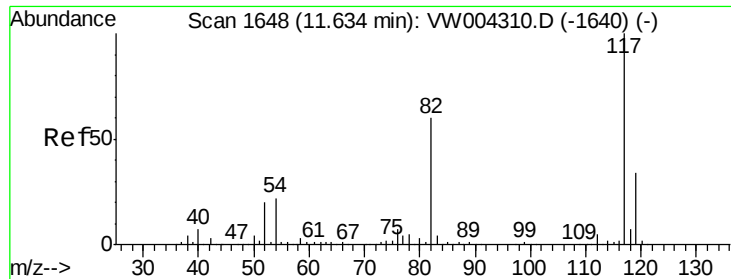
Ion Ratio Lower Upper

95 100

174 86.9 0.0 167.8

176 84.4 0.0 162.4

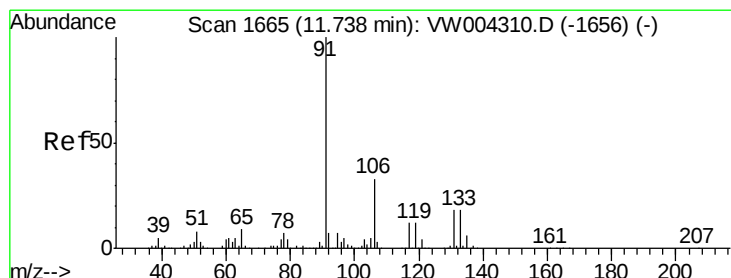
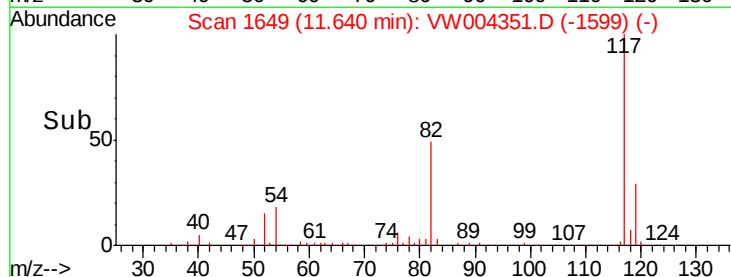
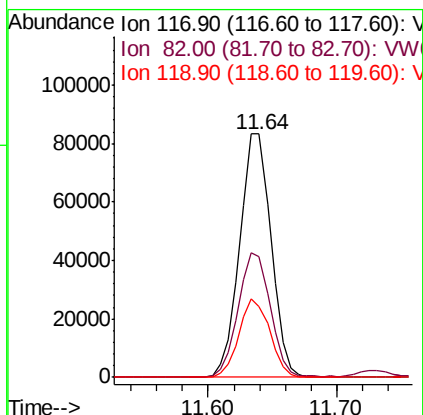
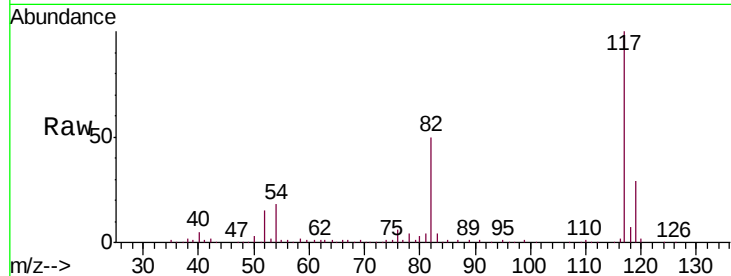




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

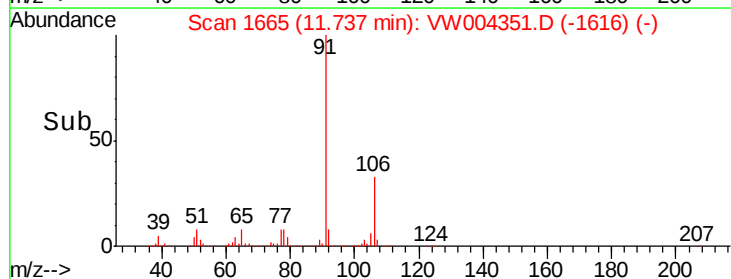
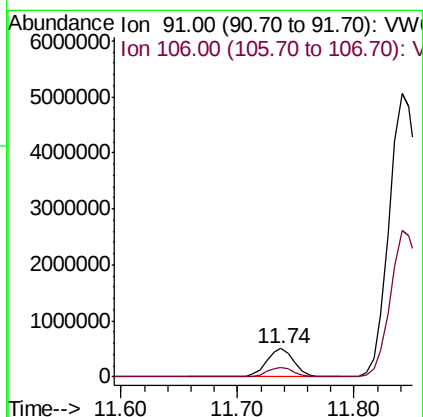
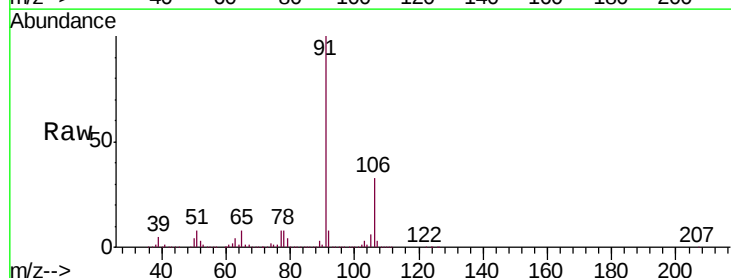
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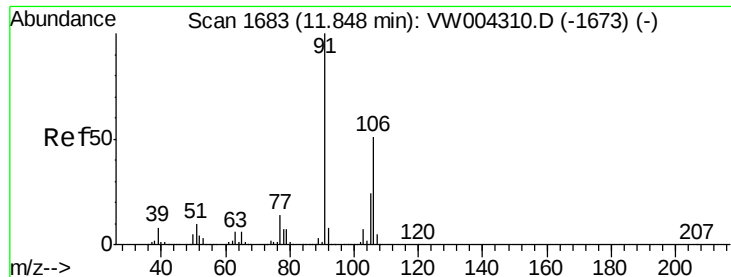
Tot Ion:117 Resp: 140206
Ion Ratio Lower Upper
117 100
82 49.3 47.9 71.9
119 29.1 27.1 40.7



#67
Ethyl Benzene
Concen: 160.08 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004351.D
Acq: 30 Jul 2018 09:18

Tgt Ion: 91 Resp: 821676
Ion Ratio Lower Upper
91 100
106 32.8 26.1 39.1





#68

m/p-Xylenes

Concen: 2421.68 ug/l

RT: 11.84 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

ClientSampleId :

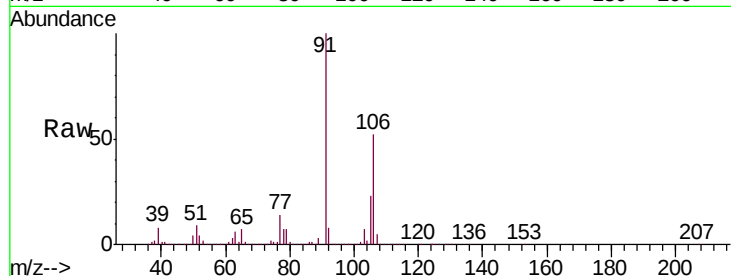
2018-NYSEG-CLARK-AREA-12RE

Tot Ion:106 Resp: 4783248

Ion Ratio Lower Upper

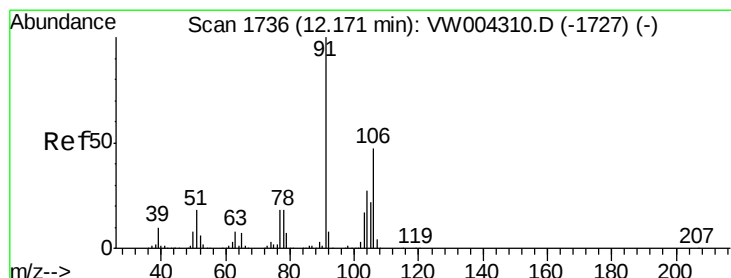
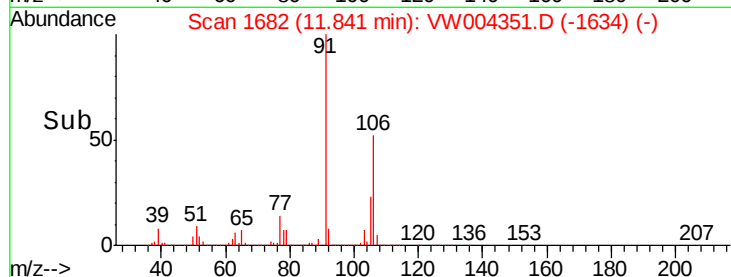
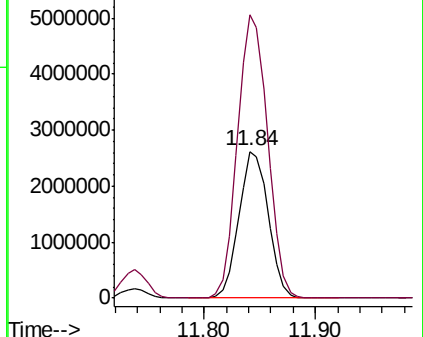
106 100

91 198.2 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 1089.02 ug/l

RT: 12.17 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VW004351.D

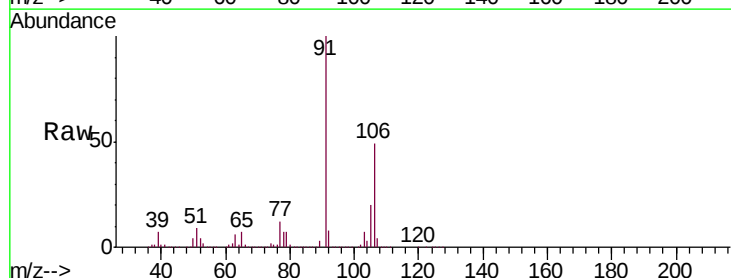
Acq: 30 Jul 2018 09:18

Tgt Ion:106 Resp: 1987459

Ion Ratio Lower Upper

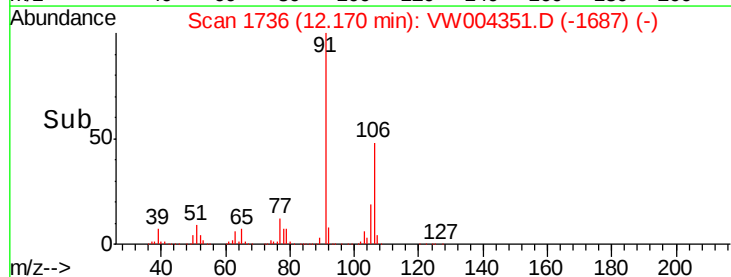
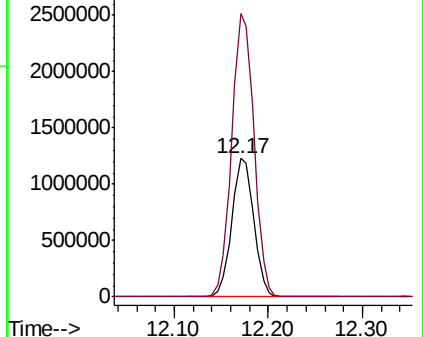
106 100

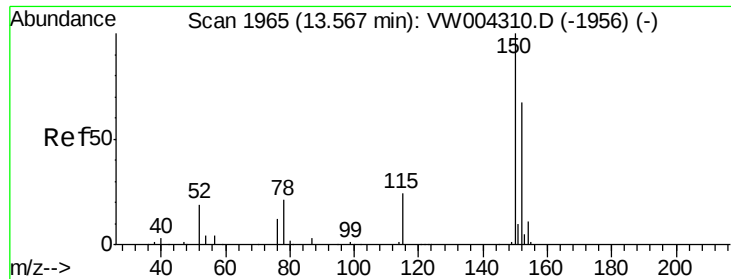
91 207.6 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004351.D

Acq: 30 Jul 2018 09:18

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-12RE

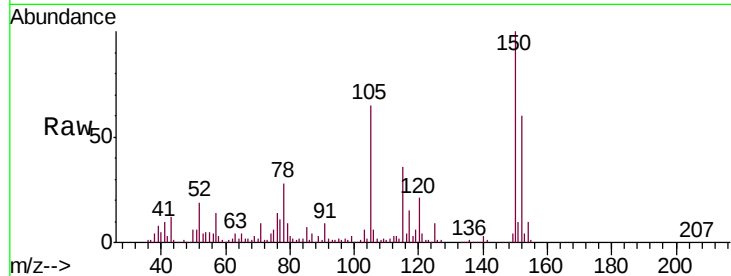
Tot Ion:152 Resp: 44340

Ion Ratio Lower Upper

152 100

115 0.0 28.8 86.4#

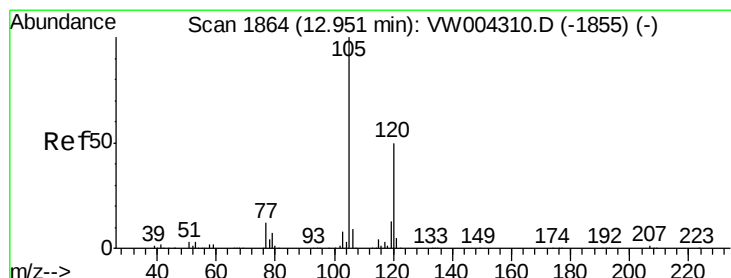
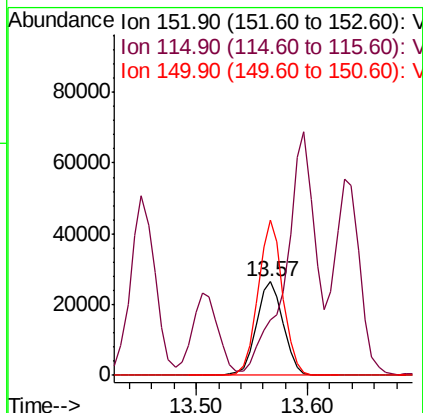
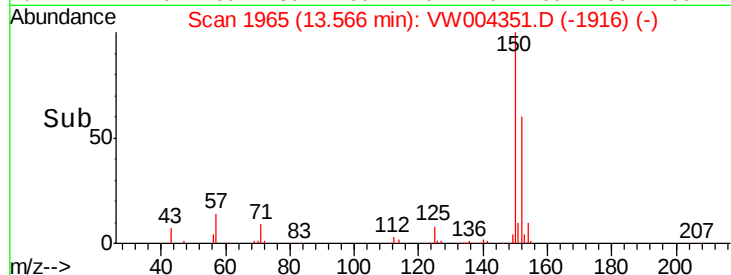
150 153.4 0.0 346.4



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



#80

1,3,5-Trimethylbenzene

Concen: 1458.65 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004351.D

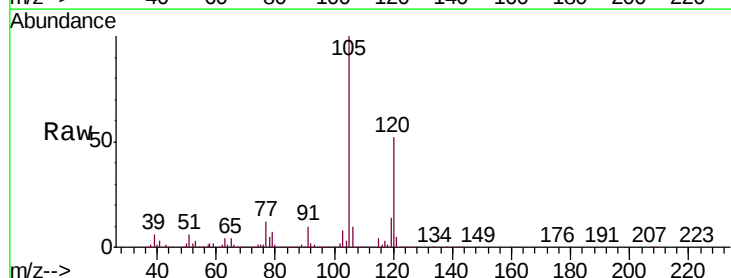
Acq: 30 Jul 2018 09:18

Tgt Ion:105 Resp: 3863387

Ion Ratio Lower Upper

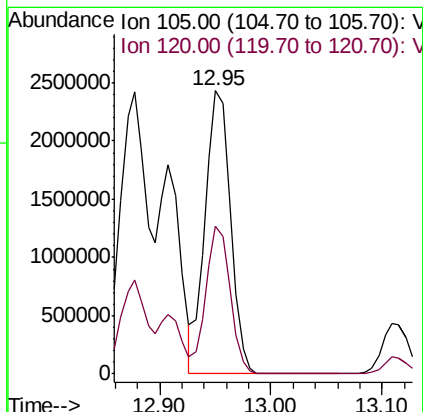
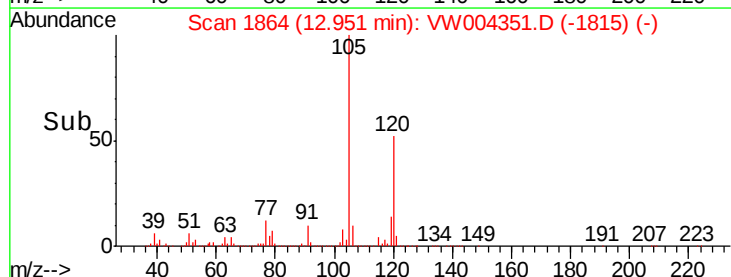
105 100

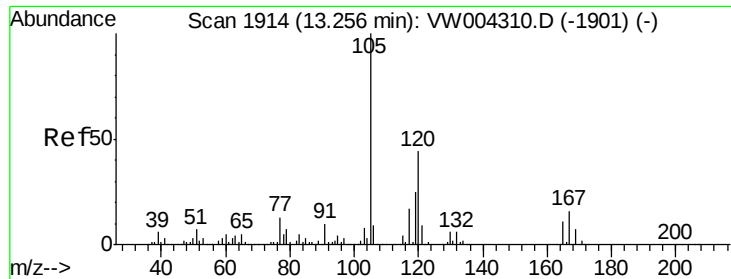
120 50.0 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

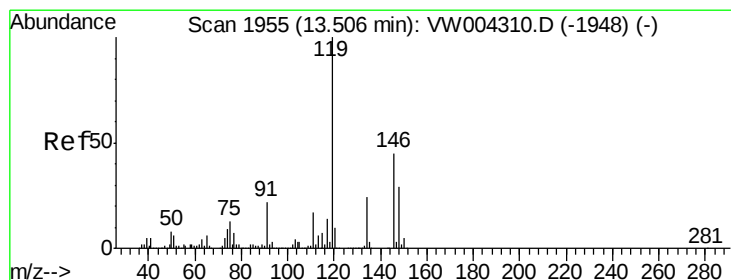
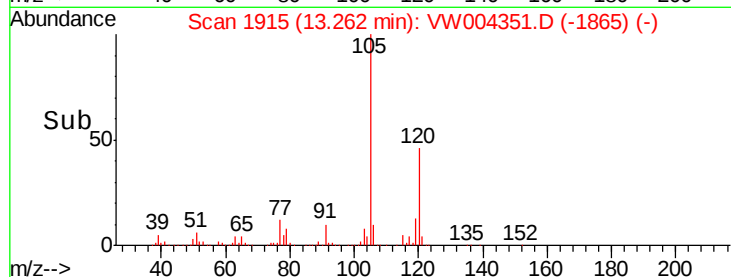
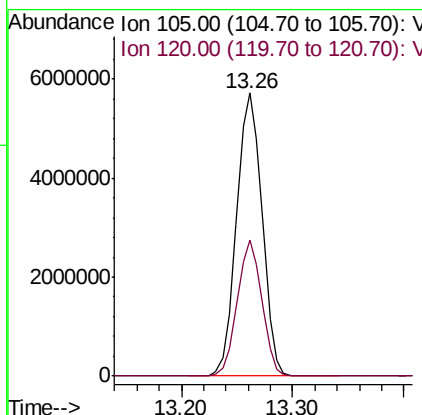
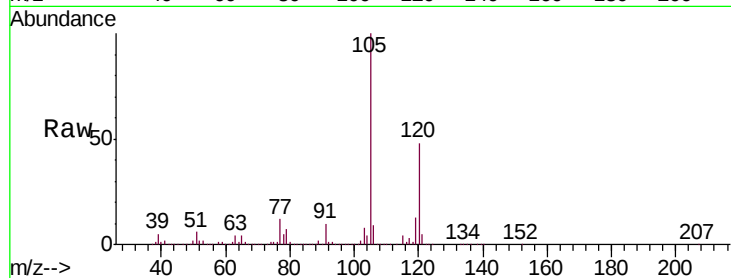




#84
 1,2,4-Trimethylbenzene
 Concen: 3339.58 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW004351.D
 Acq: 30 Jul 2018 09:18

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12RE

Tot Ion:105 Resp: 9021010
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.7 68.0



#86
 p-Isopropyltoluene
 Concen: 181.33 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004351.D
 Acq: 30 Jul 2018 09:18

Tgt Ion:119 Resp: 524908
 Ion Ratio Lower Upper
 119 100
 134 23.0 12.6 37.8
 91 25.4 11.3 33.9

