

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004355.D
 Acq On : 30 Jul 2018 11:02
 Operator : SY/AP
 Sample : J4126-11RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-8RE

Quant Time: Jul 30 12:06:13 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	96019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	159635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	84623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	24163	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	54187	55.95	ug/l	0.00
Spiked Amount			Recovery	=	111.90%	
35) Dibromofluoromethane	7.89	113	50619	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	10.33	98	92478	23.19	ug/l	0.00
Spiked Amount			Recovery	=	46.38%	
62) 4-Bromofluorobenzene	12.62	95	30300	21.58	ug/l	0.00
Spiked Amount			Recovery	=	43.16%	

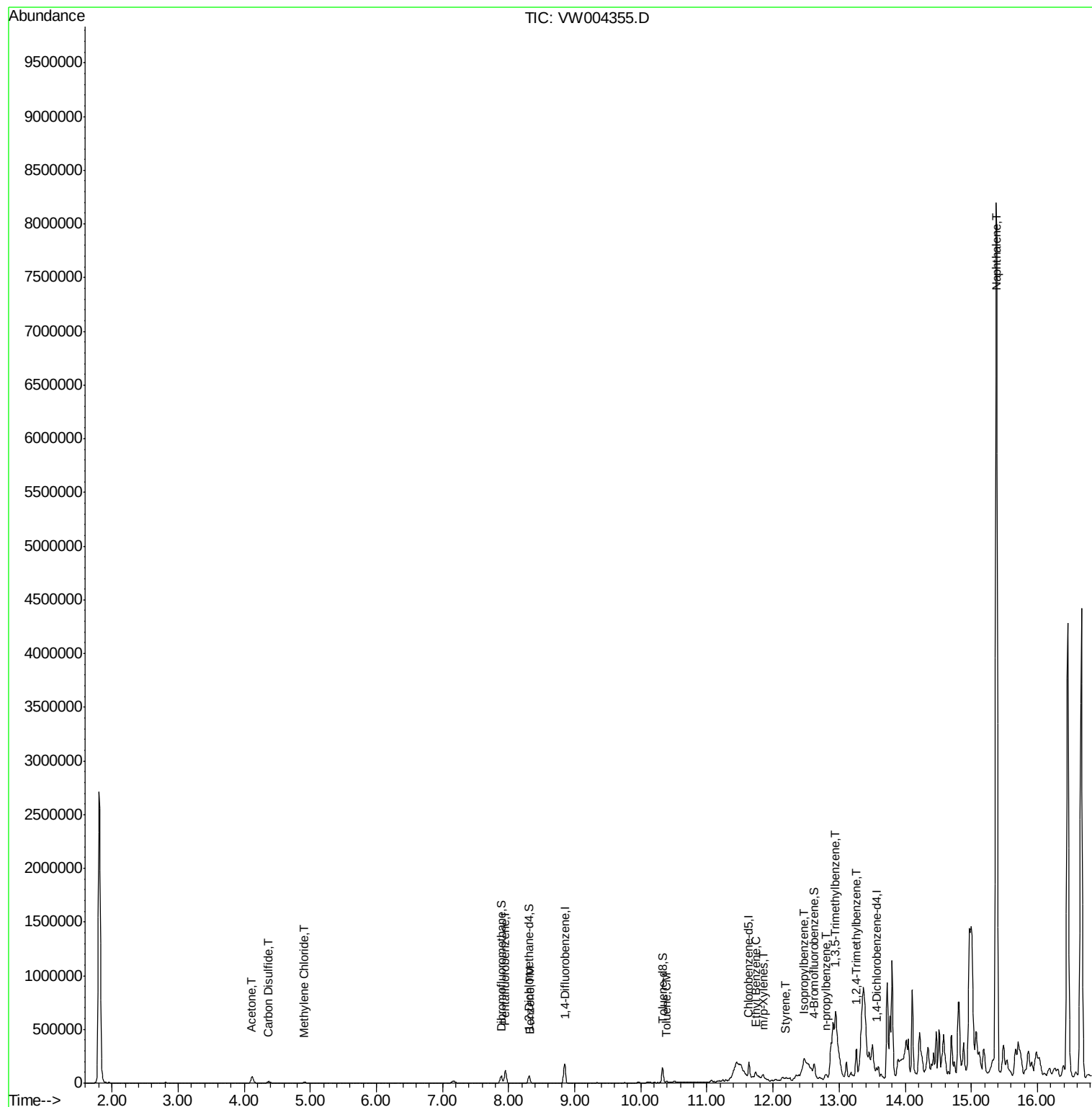
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	100785	457.45	ug/l	98
17) Carbon Disulfide	4.37	76	32788	11.70	ug/l	96
20) Methylene Chloride	4.90	84	7819	7.10	ug/l #	84
40) Benzene	8.33	78	4779	1.06	ug/l	94
52) Toluene	10.39	92	4398	1.56	ug/l	94
67) Ethyl Benzene	11.74	91	28073	9.06	ug/l	100
68) m/p-Xylenes	11.84	106	6568	5.51	ug/l	97
70) Styrene	12.19	104	5512	2.96	ug/l #	90
73) Isopropylbenzene	12.47	105	35681	21.30	ug/l	97
78) n-propylbenzene	12.81	91	29318	14.36	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	89826	62.23	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	151495	102.92	ug/l	99
95) Naphthalene	15.38	128	7457436	8511.46	ug/l	99

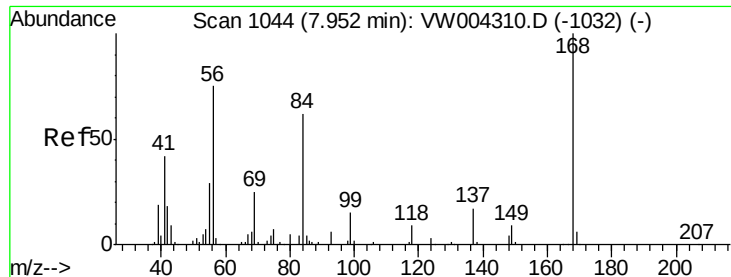
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

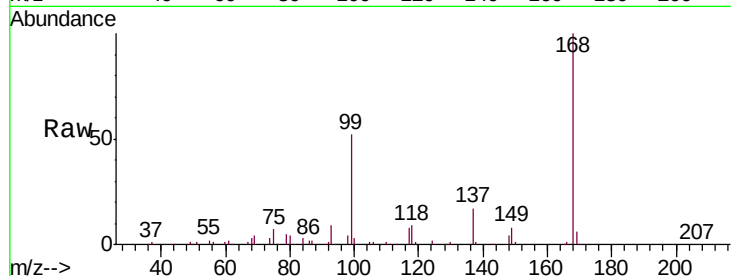
2018-NYSEG-CLARK-AREA-8RE

Tot Ion:168 Resp: 96019

Ion Ratio Lower Upper

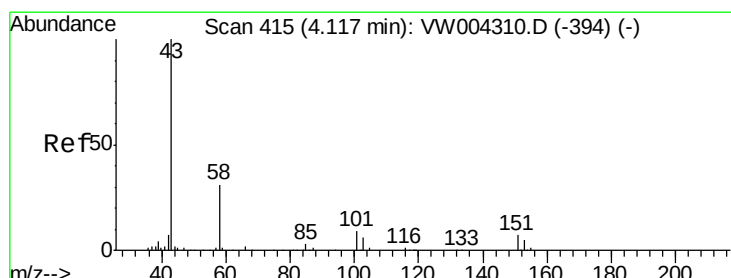
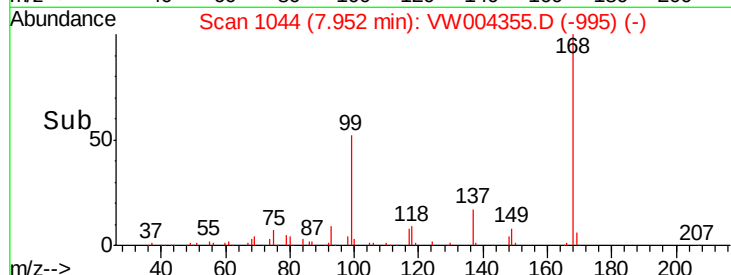
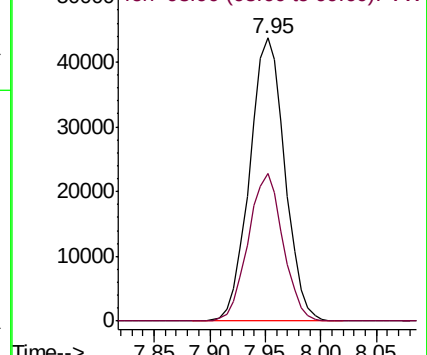
168 100

99 52.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 457.45 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004355.D

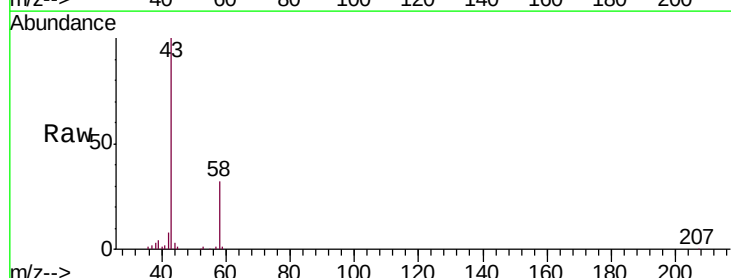
Acq: 30 Jul 2018 11:02

Tgt Ion: 43 Resp: 100785

Ion Ratio Lower Upper

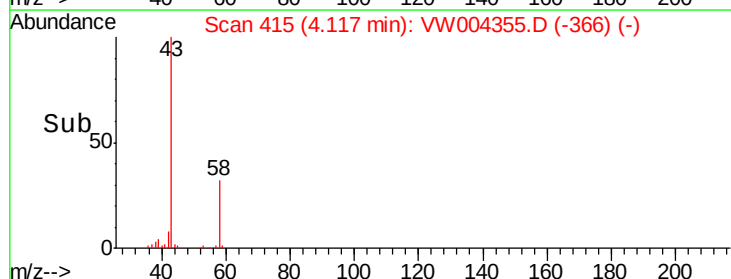
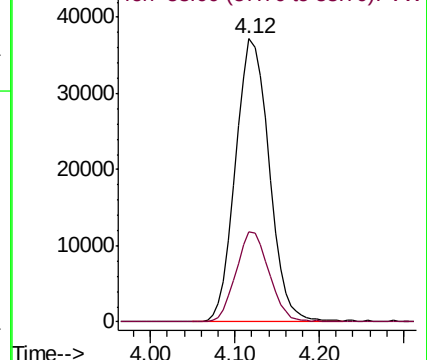
43 100

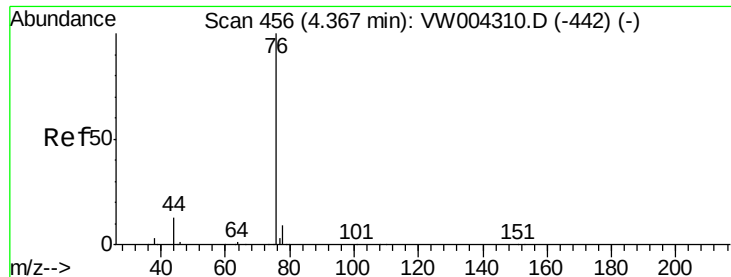
58 31.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 11.70 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

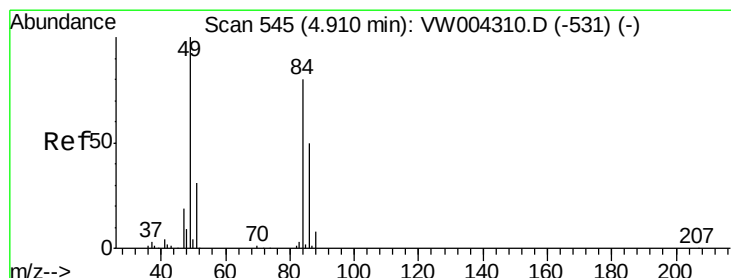
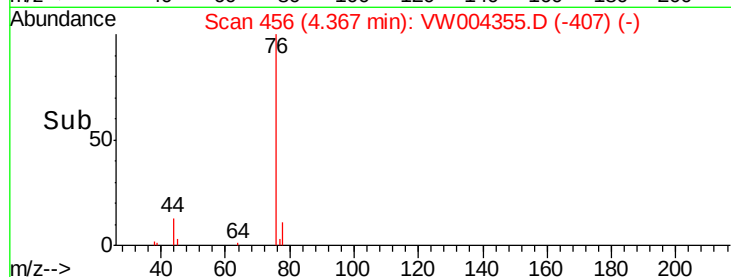
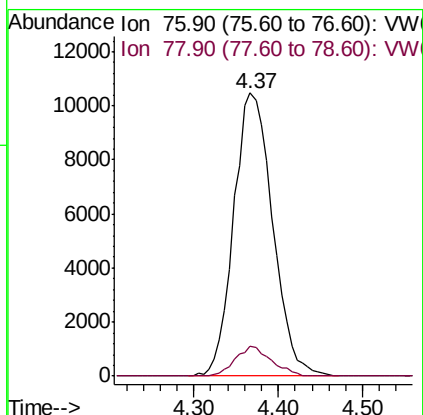
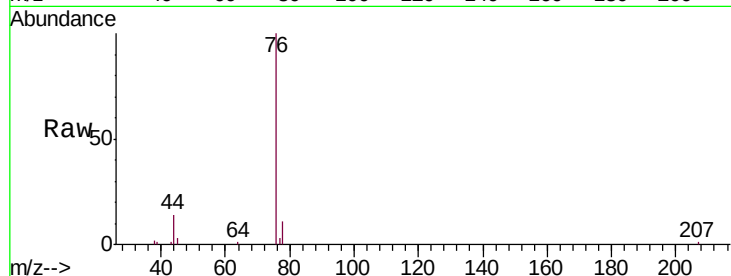
2018-NYSEG-CLARK-AREA-8RE

Tot Ion: 76 Resp: 32788

Ion Ratio Lower Upper

76 100

78 10.6 7.4 11.0



#20

Methylene Chloride

Concen: 7.10 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Tgt Ion: 84 Resp: 7819

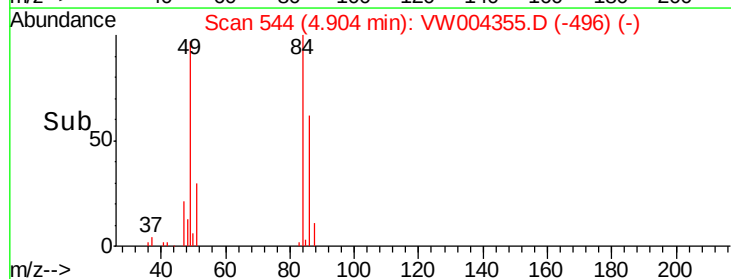
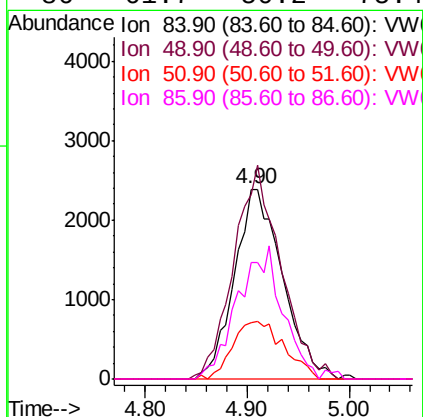
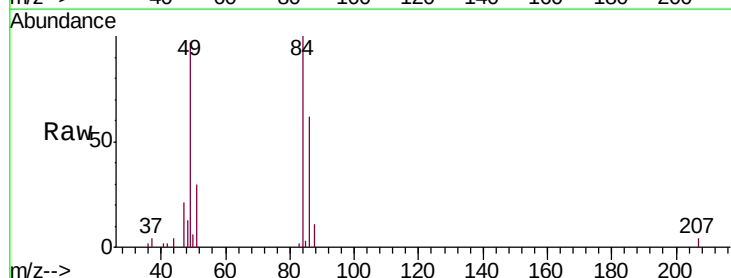
Ion Ratio Lower Upper

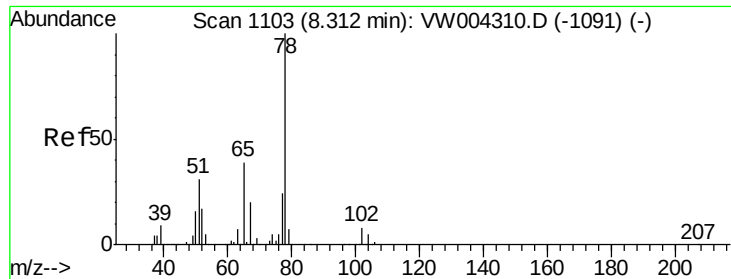
84 100

49 97.4 100.5 150.7#

51 30.0 30.9 46.3#

86 61.7 50.2 75.4

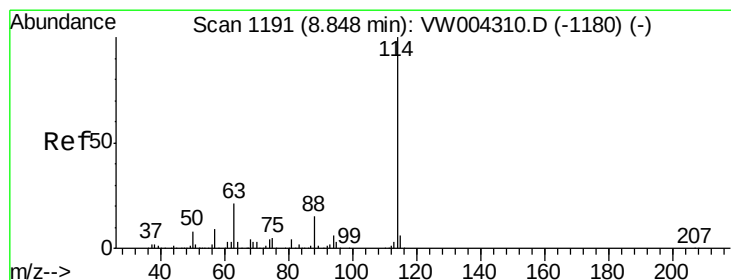
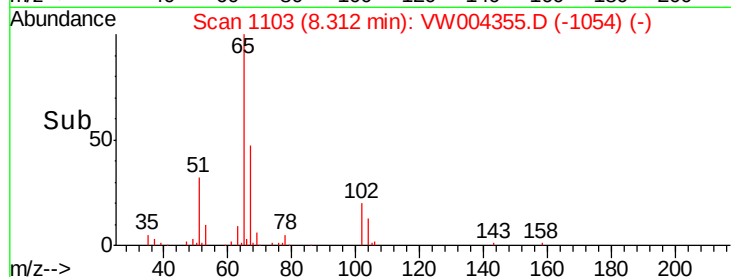
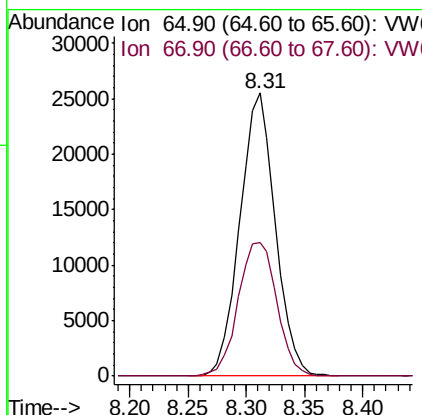
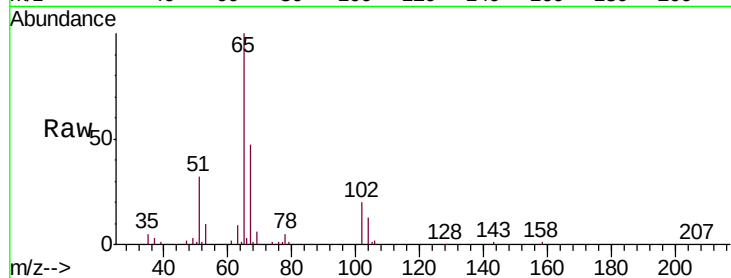




#33
 1,2-Dichloroethane-d4
 Concen: 55.95 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

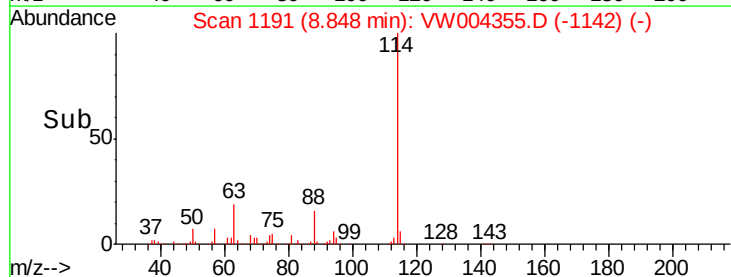
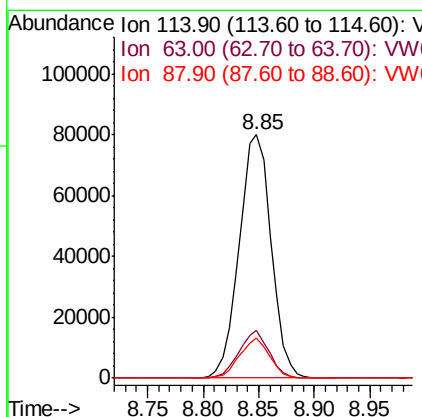
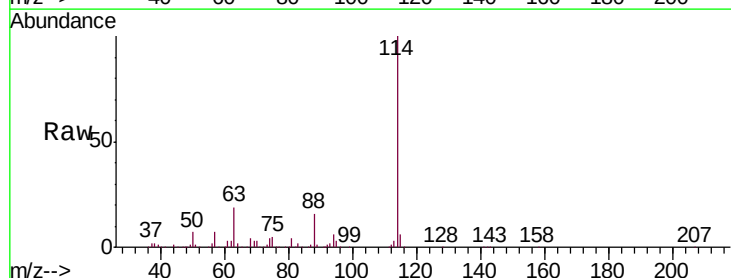
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 2018-NYSEG-CLARK-AREA-8RE

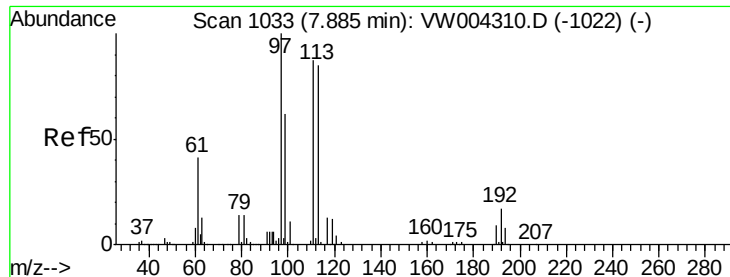
Tot Ion: 65 Resp: 54187
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

Tgt Ion: 114 Resp: 159635
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 16.2 0.0 30.6

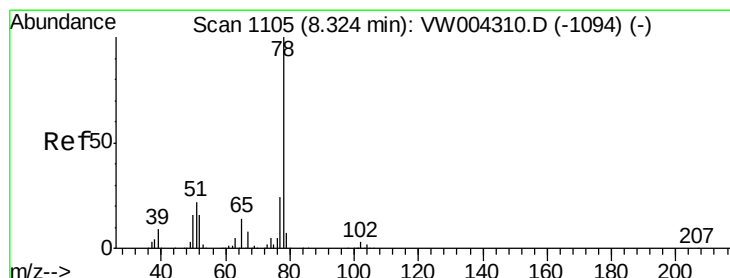
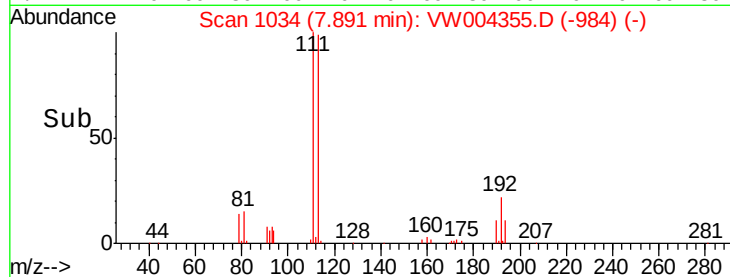
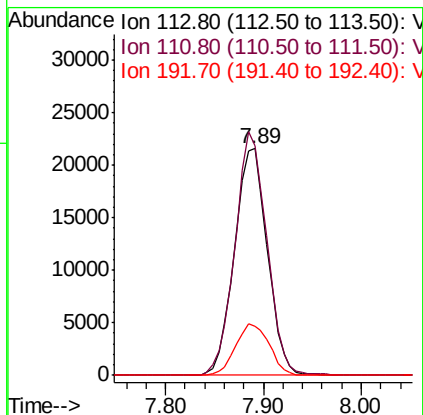
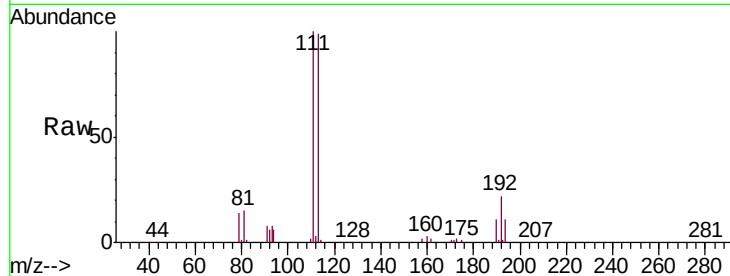




#35
 Dibromofluoromethane
 Concen: 50.18 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

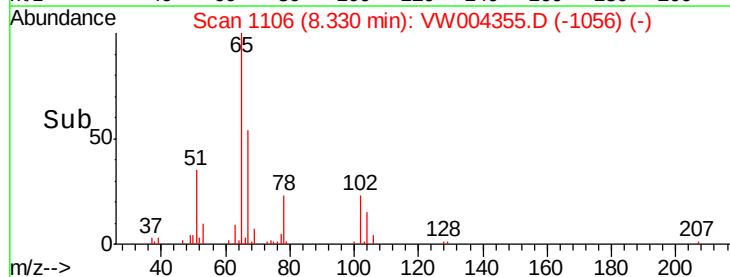
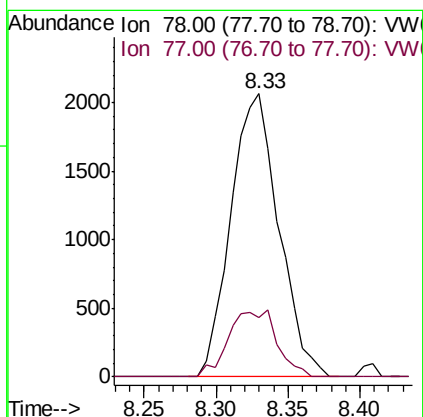
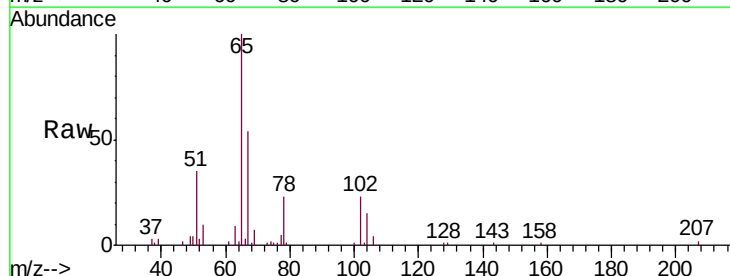
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-8RE

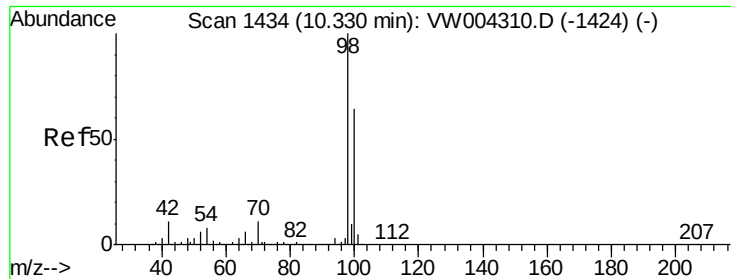
Tot Ion:113 Resp: 50619
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.1 123.1
 192 23.1 16.2 24.4



#40
 Benzene
 Concen: 1.06 ug/l
 RT: 8.33 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

Tgt Ion: 78 Resp: 4779
 Ion Ratio Lower Upper
 78 100
 77 21.1 19.4 29.0





#50

Toluene-d8

Concen: 23.19 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

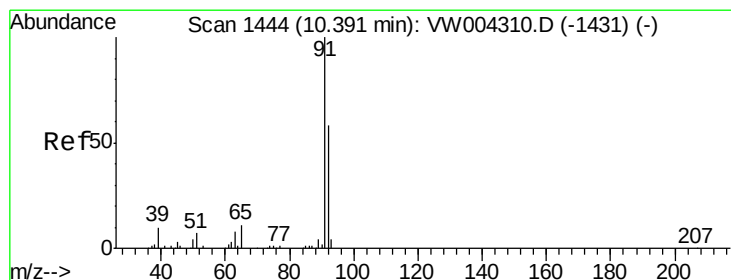
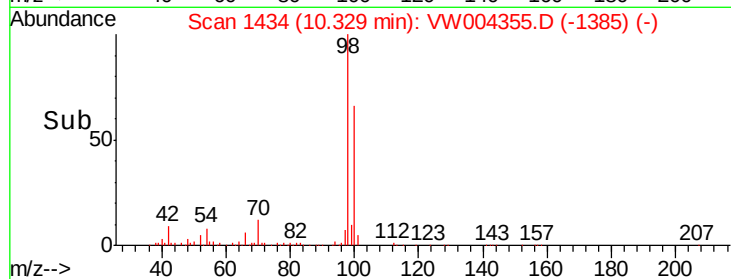
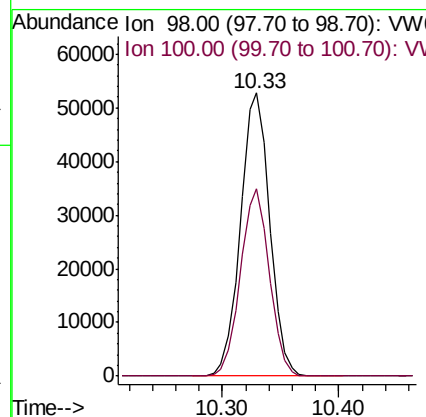
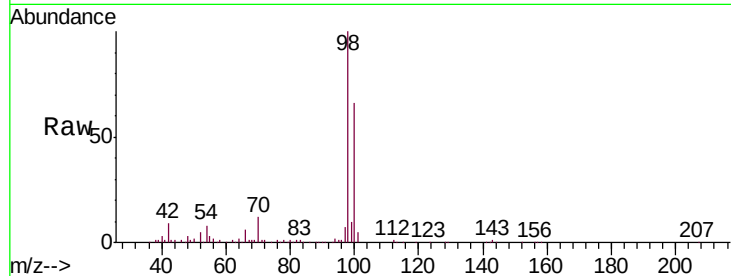
2018-NYSEG-CLARK-AREA-8RE

Tot Ion: 98 Resp: 92478

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3



#52

Toluene

Concen: 1.56 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004355.D

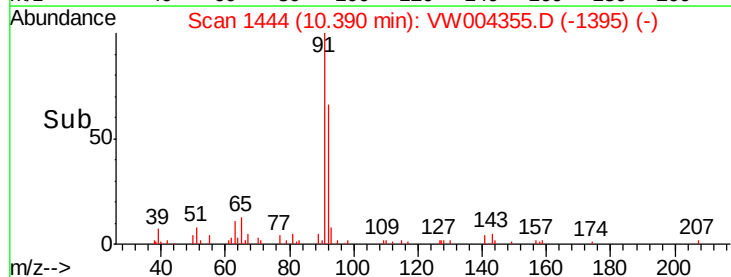
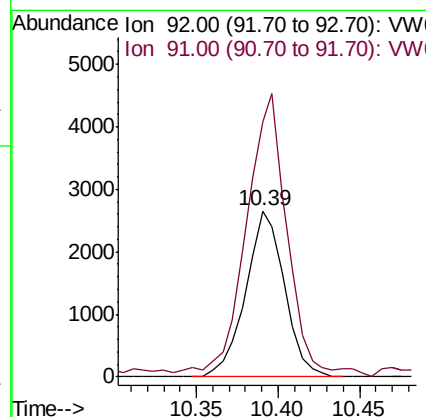
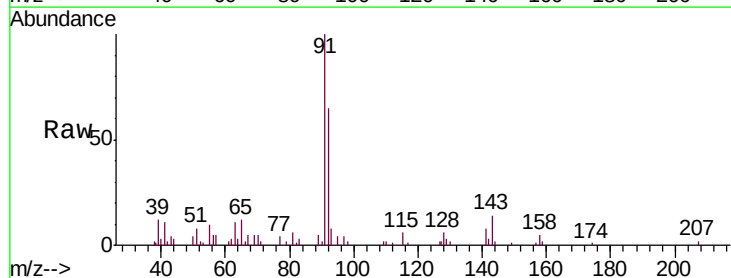
Acq: 30 Jul 2018 11:02

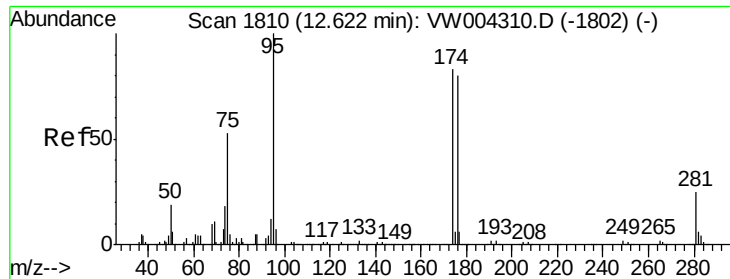
Tgt Ion: 92 Resp: 4398

Ion Ratio Lower Upper

92 100

91 182.0 139.0 208.4

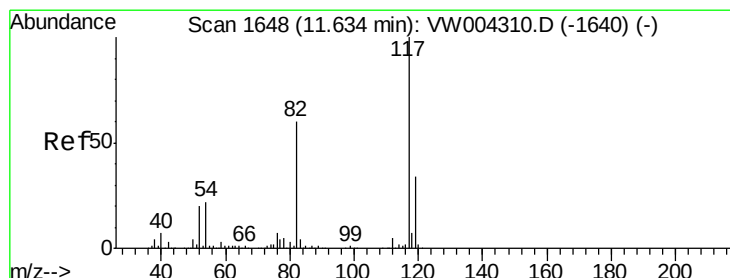
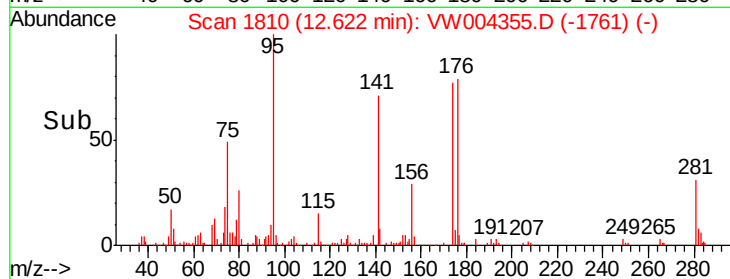
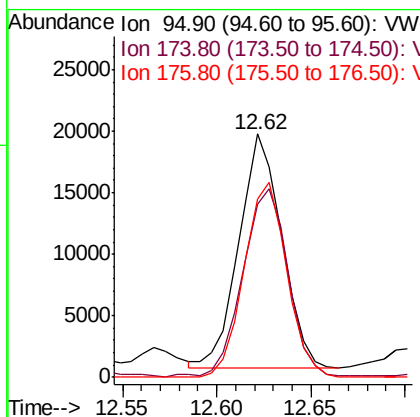
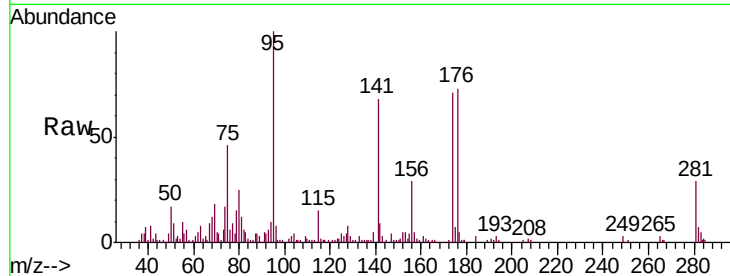




#62
4-Bromofluorobenzene
Concen: 21.58 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

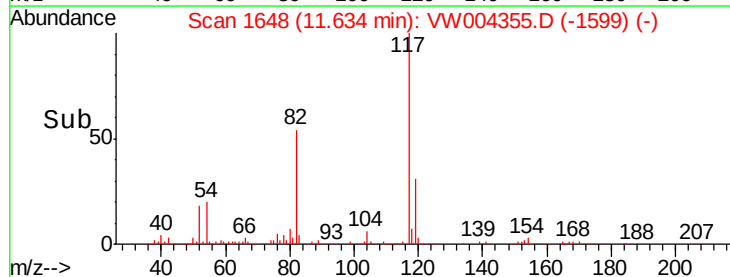
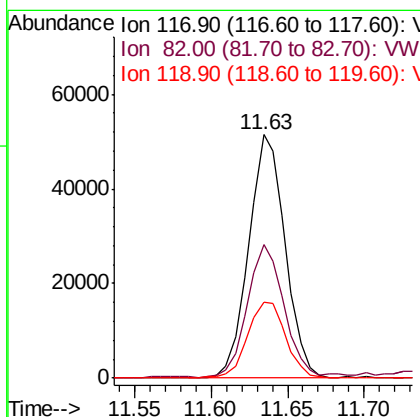
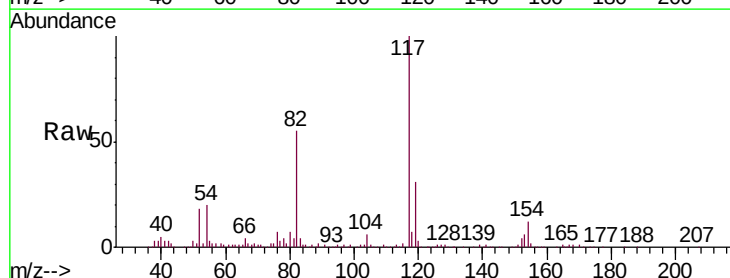
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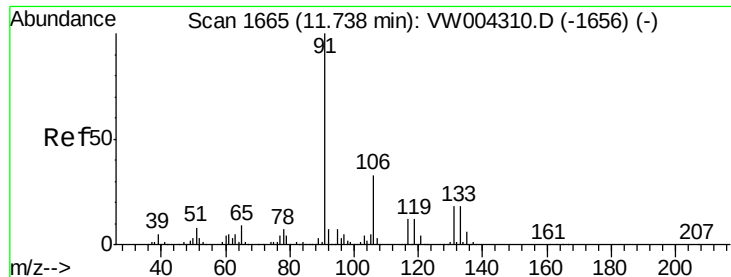
Tot Ion: 95 Resp: 30300
Ion Ratio Lower Upper
95 100
174 83.5 0.0 167.8
176 81.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

Tgt Ion: 117 Resp: 84623
Ion Ratio Lower Upper
117 100
82 54.3 47.9 71.9
119 31.0 27.1 40.7

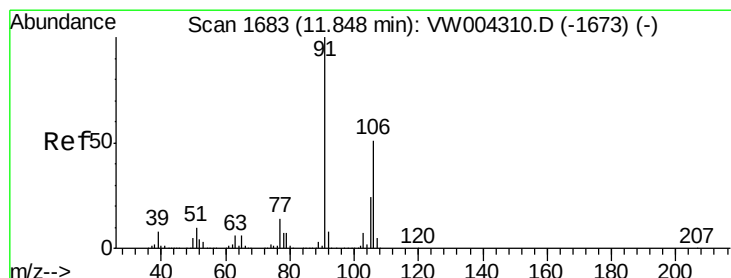
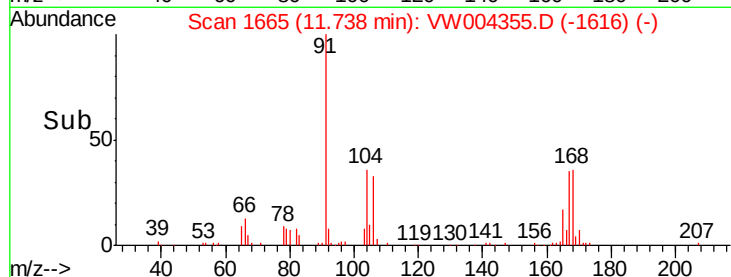
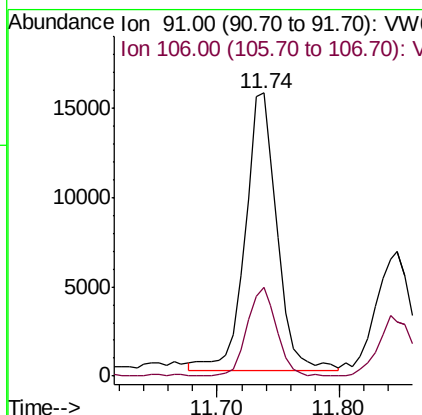
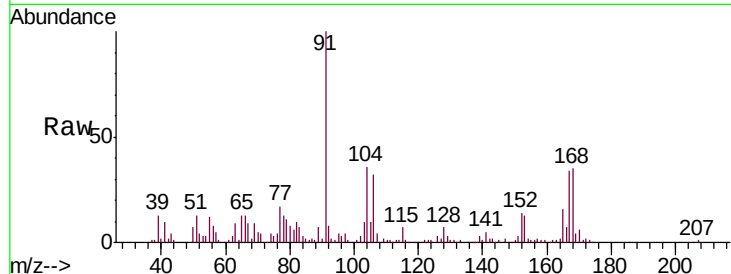




#67
Ethyl Benzene
Concen: 9.06 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

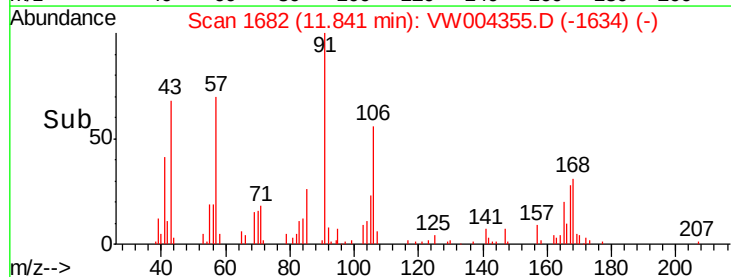
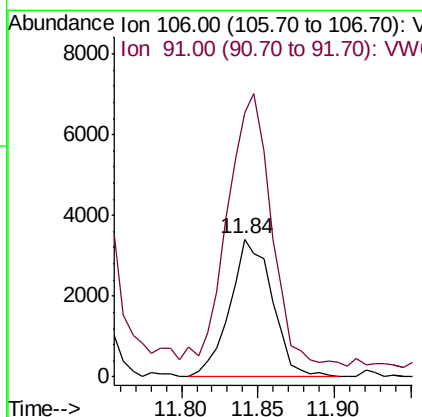
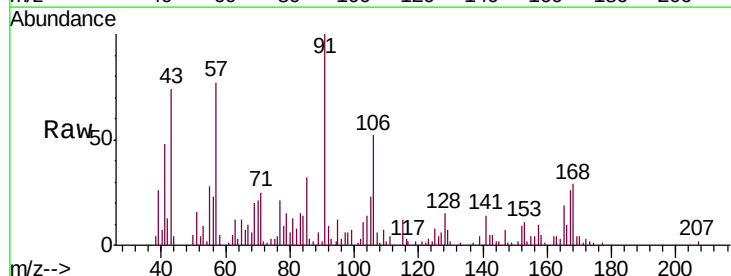
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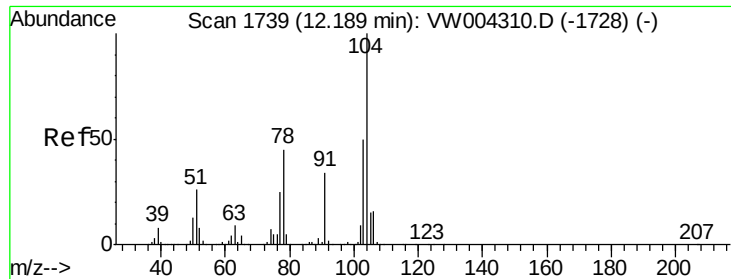
Tot Ion: 91 Resp: 28073
Ion Ratio Lower Upper
91 100
106 32.4 26.1 39.1



#68
m/p-Xylenes
Concen: 5.51 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

Tgt Ion: 106 Resp: 6568
Ion Ratio Lower Upper
106 100
91 206.6 162.2 243.2

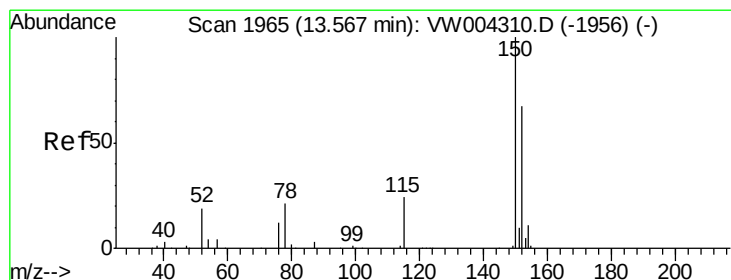
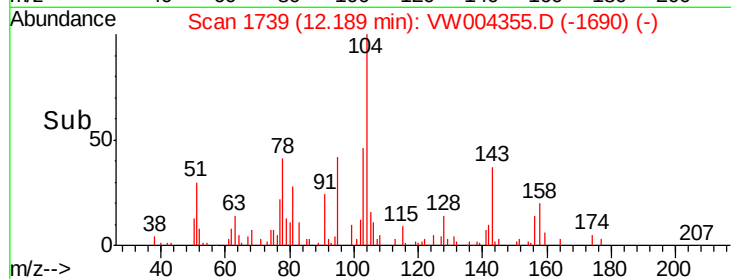
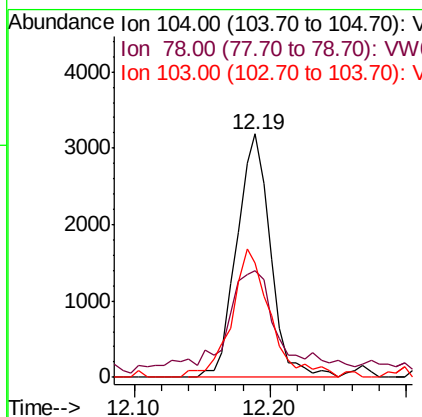
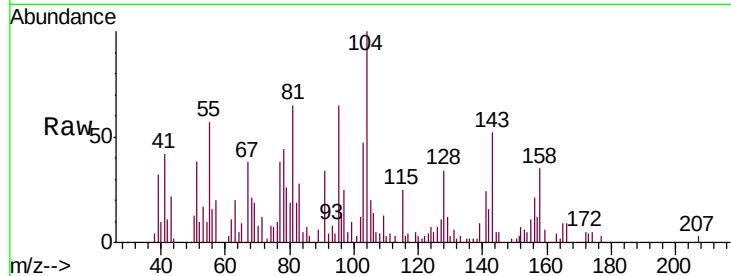




#70
Stvrene
Concen: 2.96 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

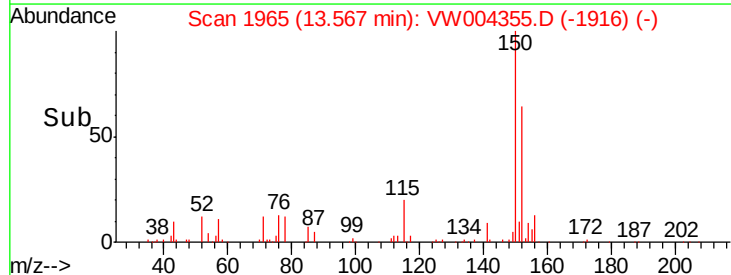
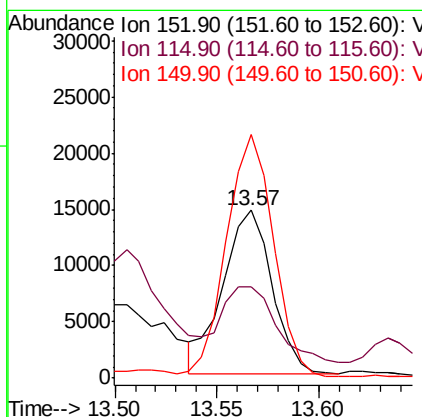
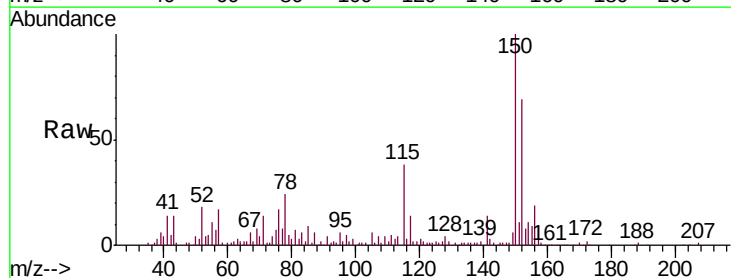
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-8RE

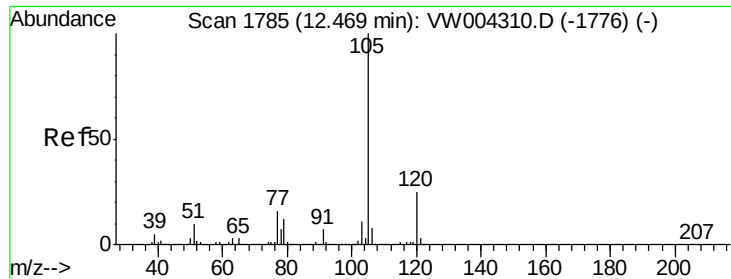
Tot Ion:104 Resp: 5512
Ion Ratio Lower Upper
104 100
78 61.8 40.9 61.3#
103 60.7 45.0 67.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

Tgt Ion:152 Resp: 24163
Ion Ratio Lower Upper
152 100
115 51.9 28.8 86.4
150 142.5 0.0 346.4





#73

Isopropylbenzene

Concen: 21.30 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

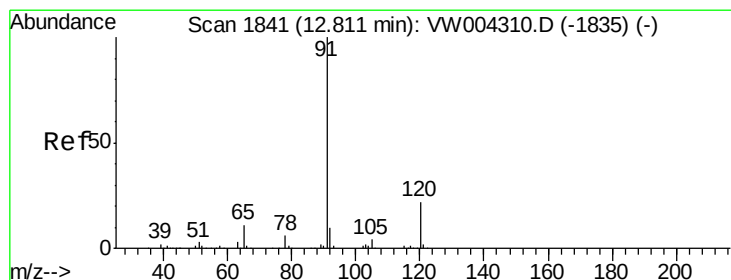
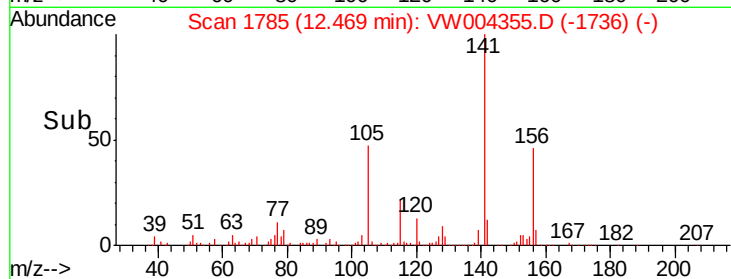
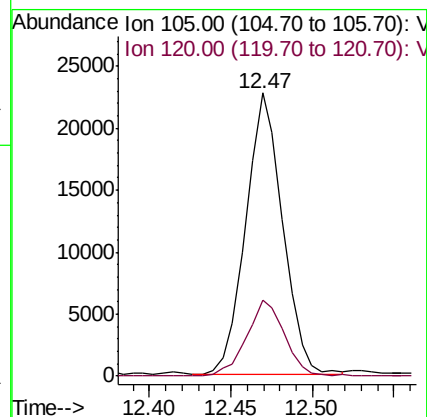
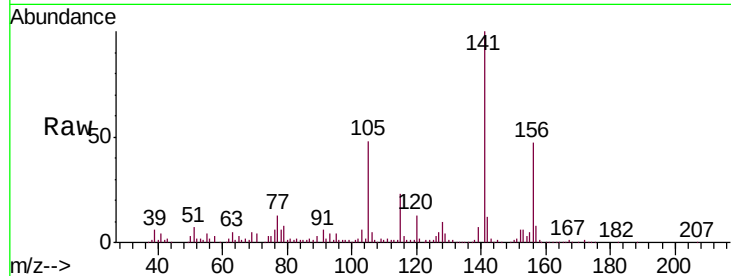
2018-NYSEG-CLARK-AREA-8RE

Tot Ion:105 Resp: 35681

Ion Ratio Lower Upper

105 100

120 28.0 13.2 39.6



#78

n-propylbenzene

Concen: 14.36 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004355.D

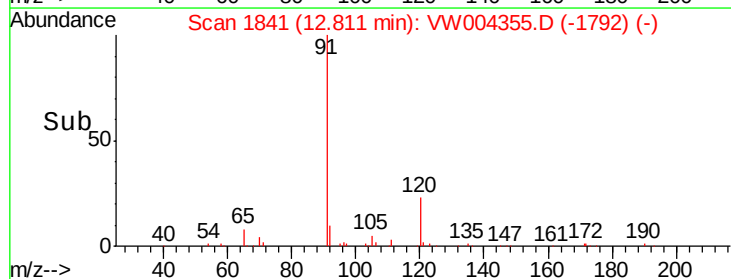
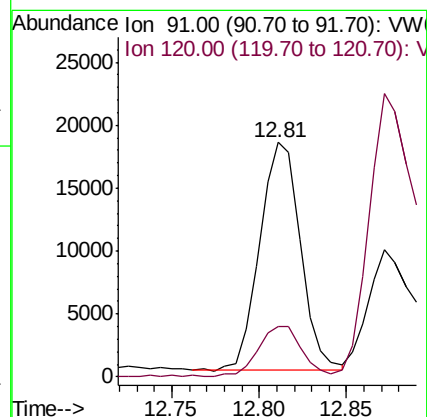
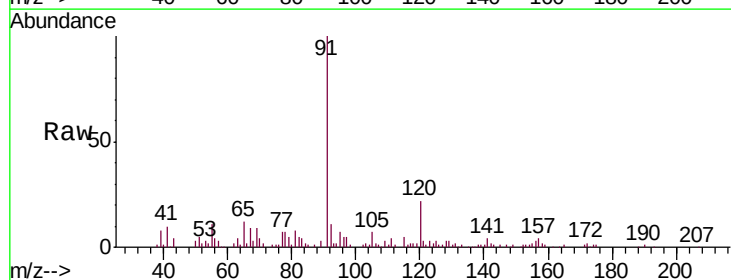
Acq: 30 Jul 2018 11:02

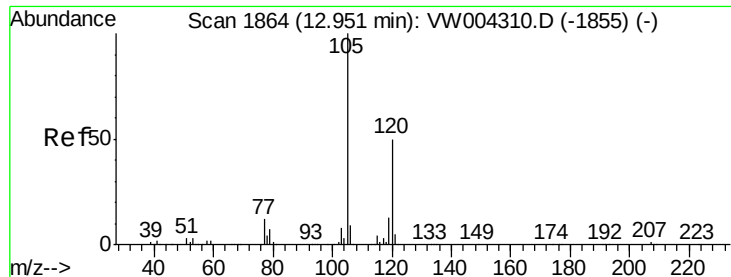
Tgt Ion: 91 Resp: 29318

Ion Ratio Lower Upper

91 100

120 24.3 11.3 33.8

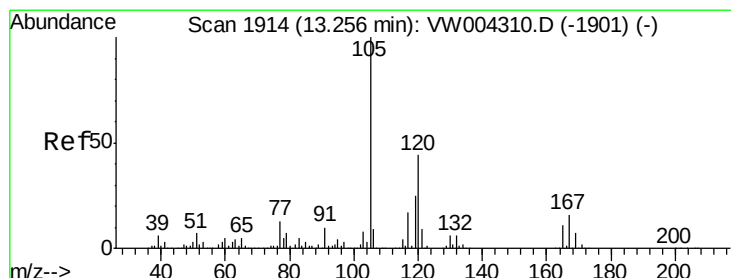
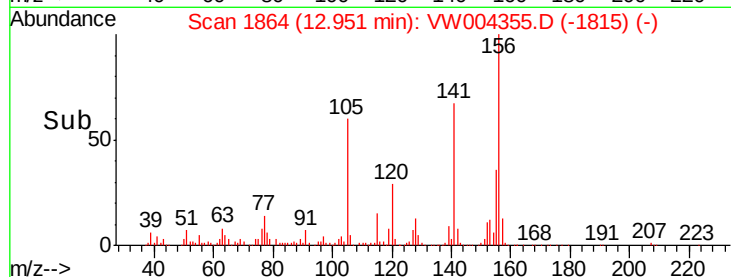
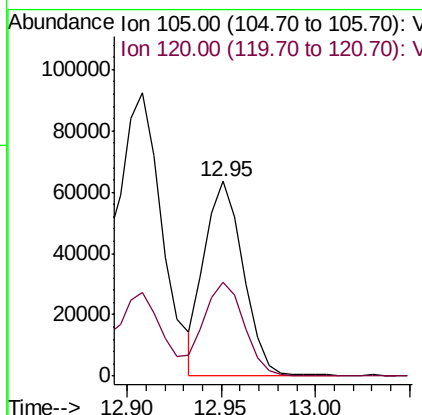
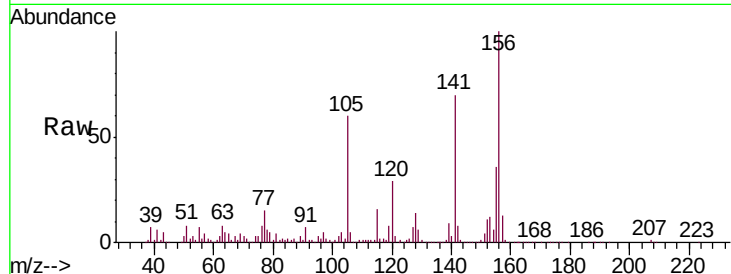




#80
 1,3,5-Trimethylbenzene
 Concen: 62.23 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

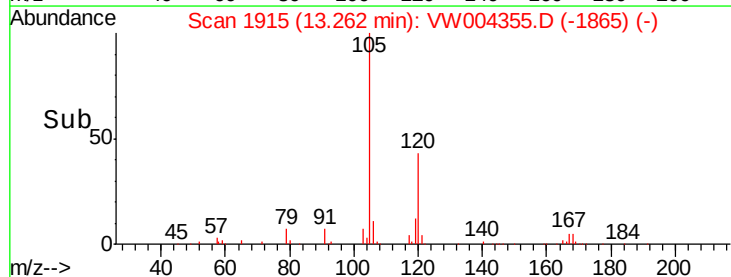
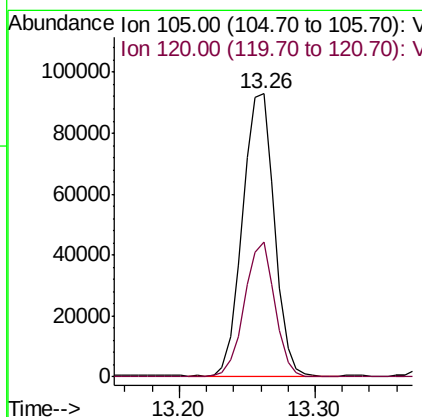
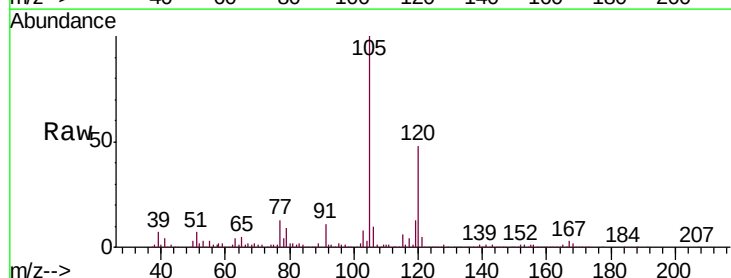
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-8RE

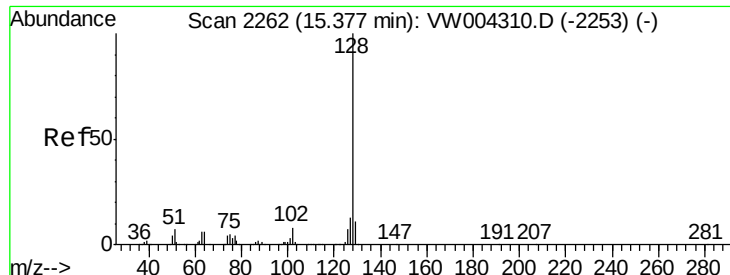
Tot Ion:105 Resp: 89826
 Ion Ratio Lower Upper
 105 100
 120 52.3 25.1 75.2



#84
 1,2,4-Trimethylbenzene
 Concen: 102.92 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

Tgt Ion:105 Resp: 151495
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.7 68.0





#95
 Naphthalene
 Concen: 8511.46 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-8RE

Tot Ion:128 Resp: 7457436

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.2	8.6	13.0

