

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004251.D
 Acq On : 27 Jul 2018 04:36
 Operator : SY/AP
 Sample : J4126-09
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-9

Quant Time: Jul 27 08:21:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	171031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	299474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	229535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	74290	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	120371	62.96	ug/l	0.00
Spiked Amount			Recovery	=	125.92%	
35) Dibromofluoromethane	7.88	113	101741	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
50) Toluene-d8	10.33	98	328115	44.01	ug/l	0.00
Spiked Amount			Recovery	=	88.02%	
62) 4-Bromofluorobenzene	12.62	95	92018	34.23	ug/l	0.00
Spiked Amount			Recovery	=	68.46%	

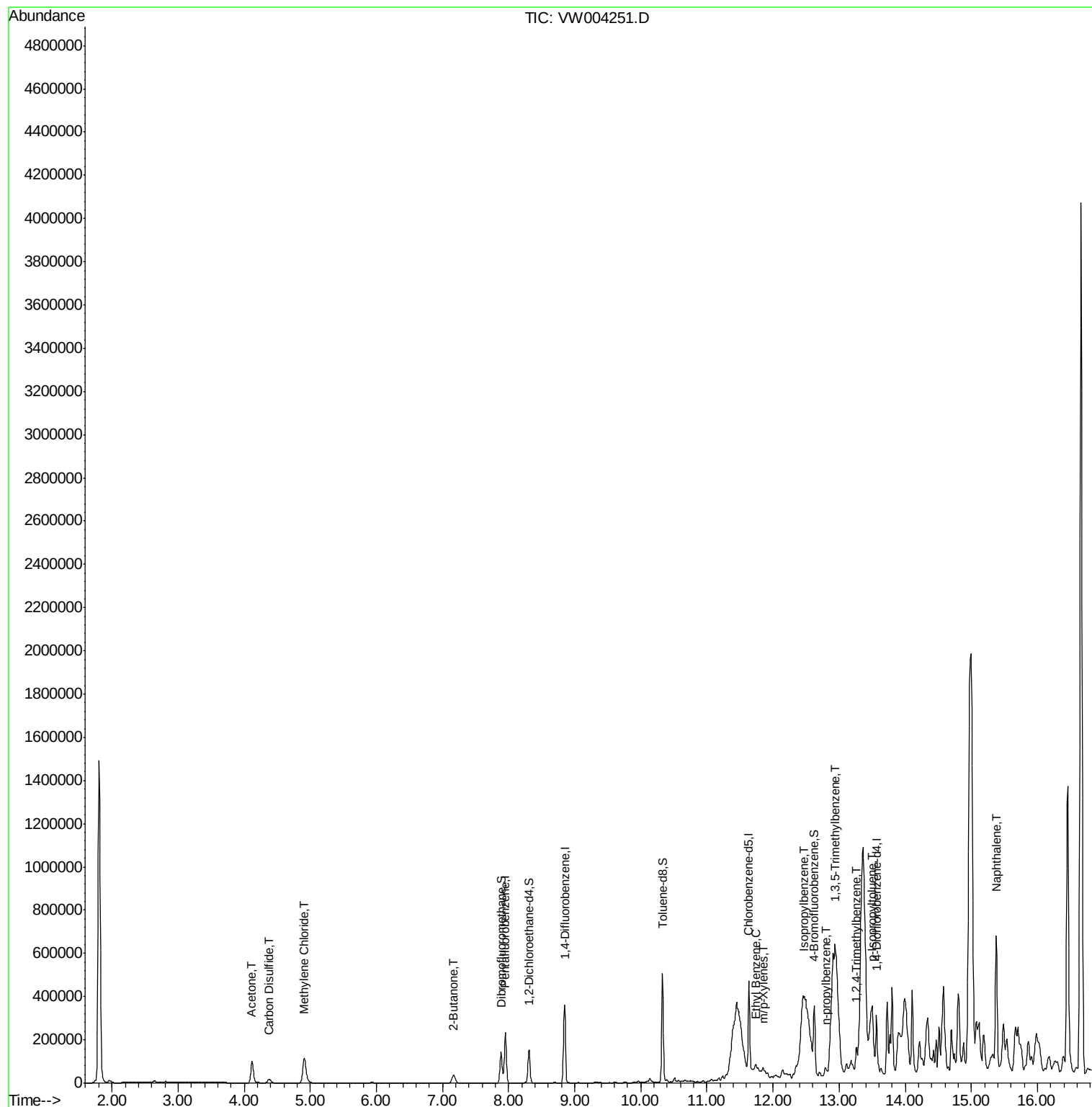
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	177820	387.069	ug/l	99
17) Carbon Disulfide	4.37	76	38544	7.429	ug/l	98
20) Methylene Chloride	4.91	84	101052	49.789	ug/l	98
25) 2-Butanone	7.18	43	45111	72.969	ug/l	95
67) Ethyl Benzene	11.74	91	17473	2.038	ug/l	99
68) m/p-Xylenes	11.85	106	6187	1.888	ug/l	100
73) Isopropylbenzene	12.47	105	15653	2.982	ug/l	97
78) n-propylbenzene	12.81	91	14987	2.327	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	25769	5.833	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	55256	12.157	ug/l	97
86) p-Isopropyltoluene	13.51	119	26162	5.420	ug/l	92
95) Naphthalene	15.38	128	500176	172.619	ug/l	99

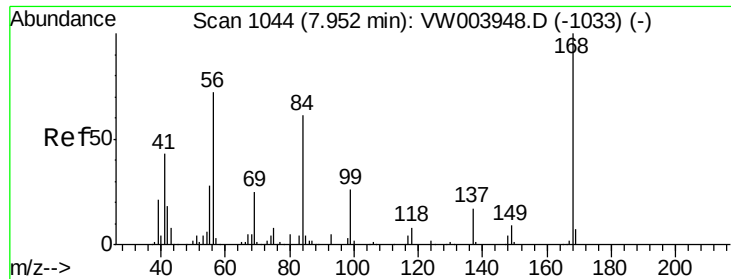
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004251.D

Acq: 27 Jul 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

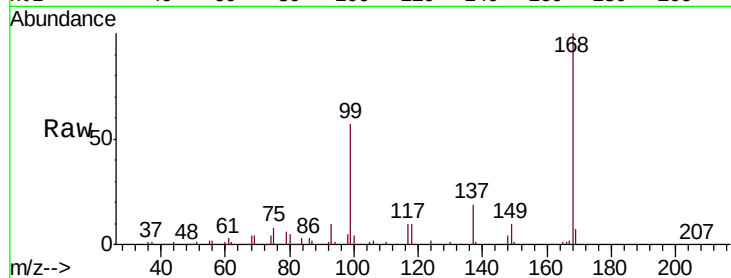
2018-NYSEG-CLARK-AREA-9

Tot Ion:168 Resp: 171031

Ion Ratio Lower Upper

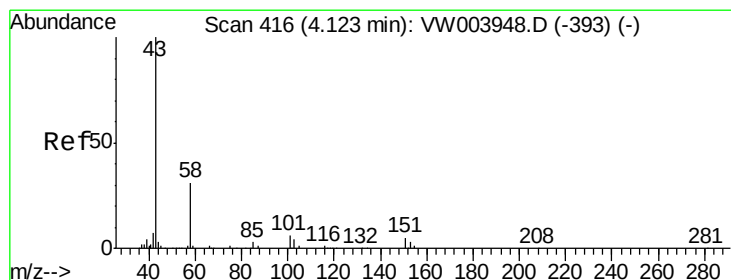
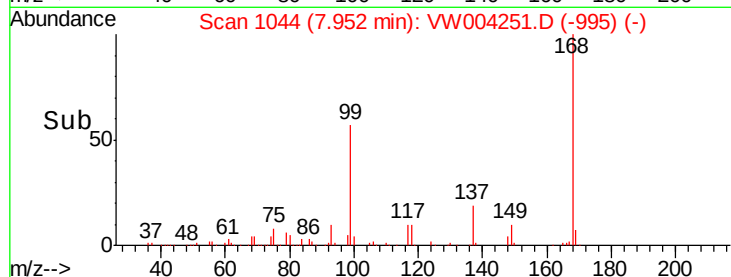
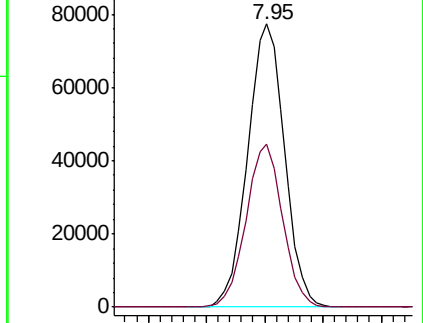
168 100

99 57.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 387.069 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW004251.D

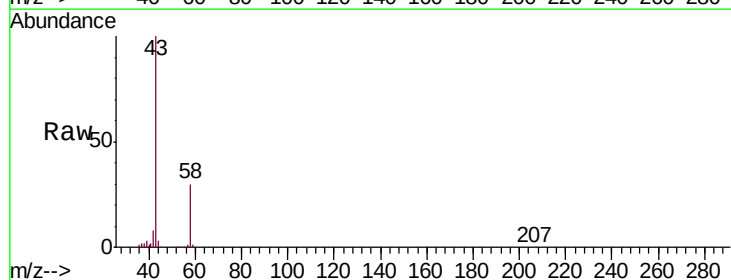
Acq: 27 Jul 2018 04:36

Tgt Ion: 43 Resp: 177820

Ion Ratio Lower Upper

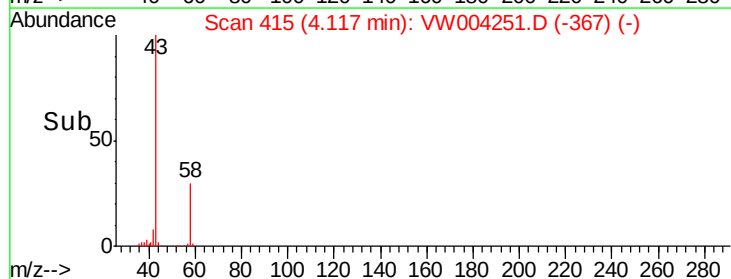
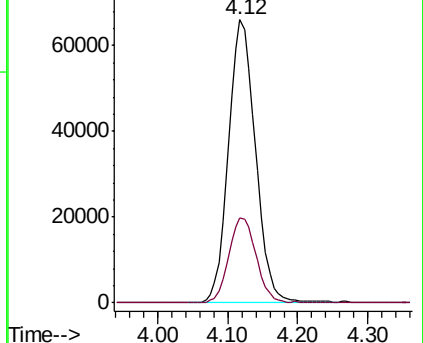
43 100

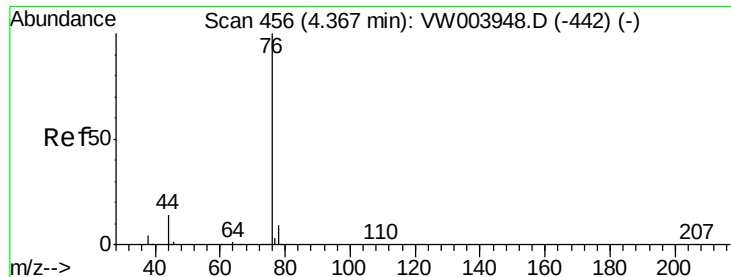
58 29.9 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 7.429 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW004251.D

Acq: 27 Jul 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

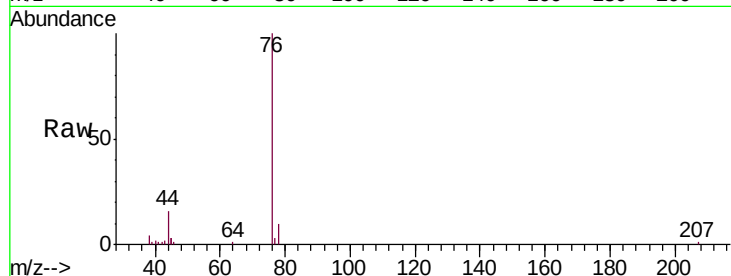
2018-NYSEG-CLARK-AREA-9

Tot Ion: 76 Resp: 38544

Ion Ratio Lower Upper

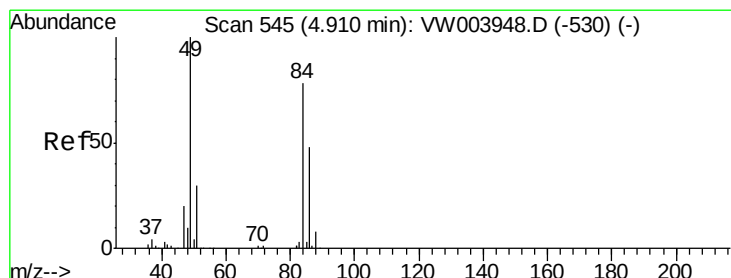
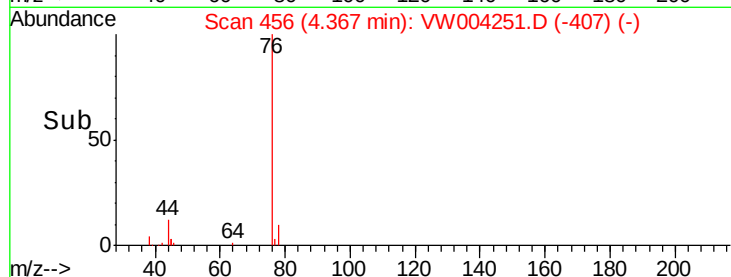
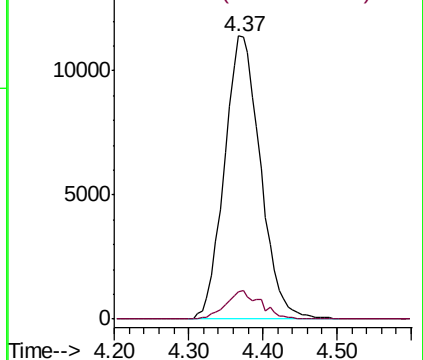
76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 49.789 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004251.D

Acq: 27 Jul 2018 04:36

Tgt Ion: 84 Resp: 101052

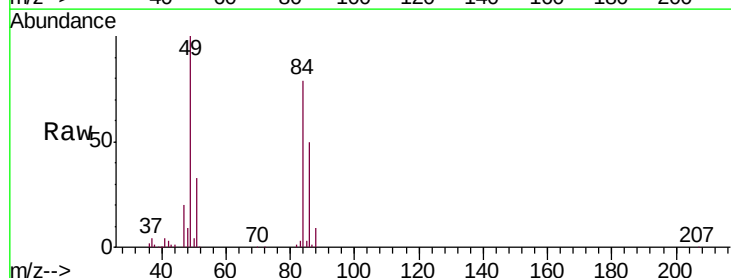
Ion Ratio Lower Upper

84 100

49 125.7 102.9 154.3

51 41.6 30.9 46.3

86 63.0 49.9 74.9

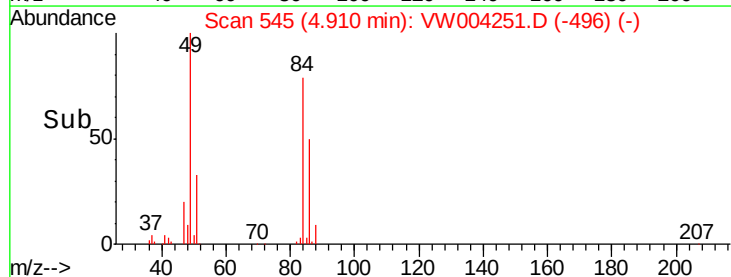
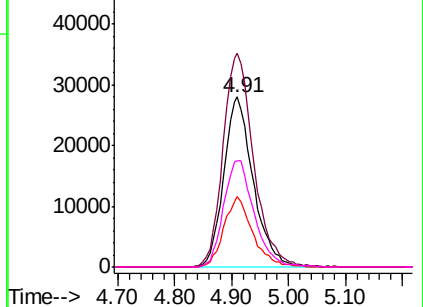


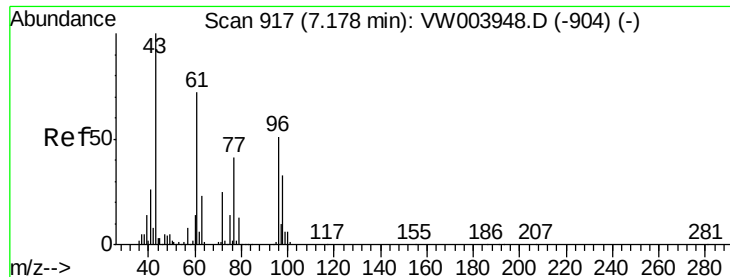
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 72.969 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004251.D

Acq: 27 Jul 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

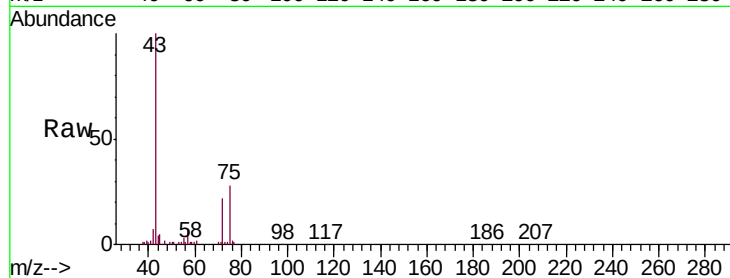
2018-NYSEG-CLARK-AREA-9

Tot Ion: 43 Resp: 45111

Ion Ratio Lower Upper

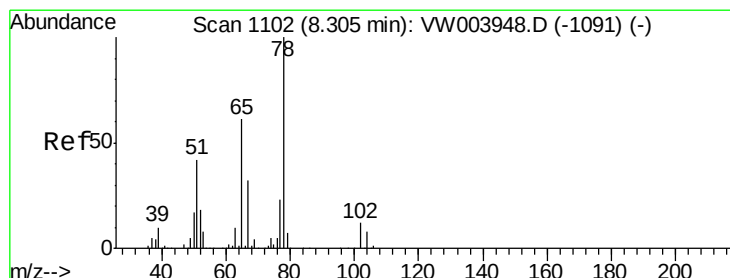
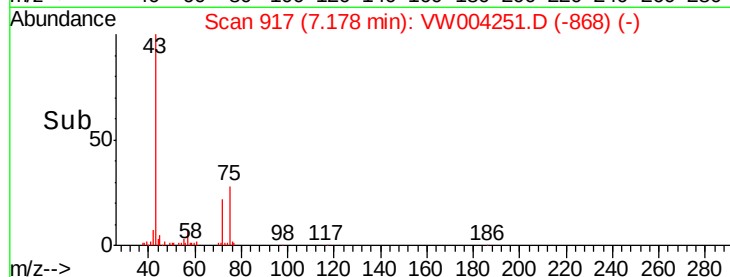
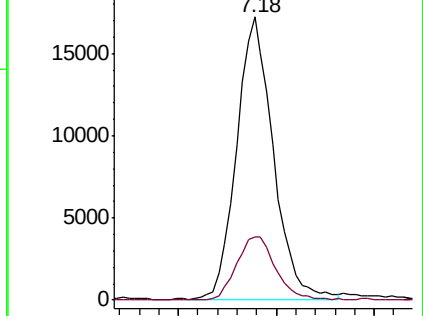
43 100

72 22.2 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 62.963 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004251.D

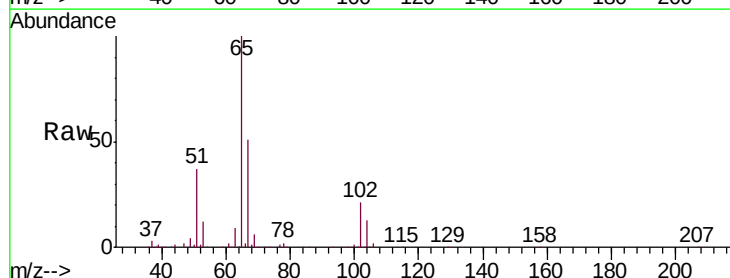
Acq: 27 Jul 2018 04:36

Tgt Ion: 65 Resp: 120371

Ion Ratio Lower Upper

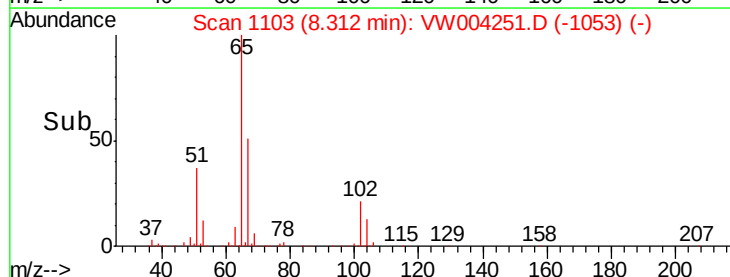
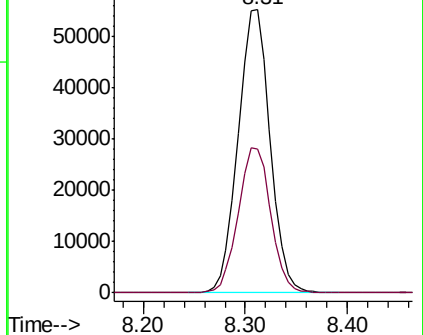
65 100

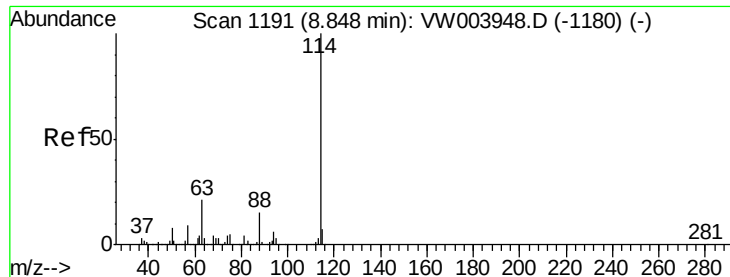
67 52.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

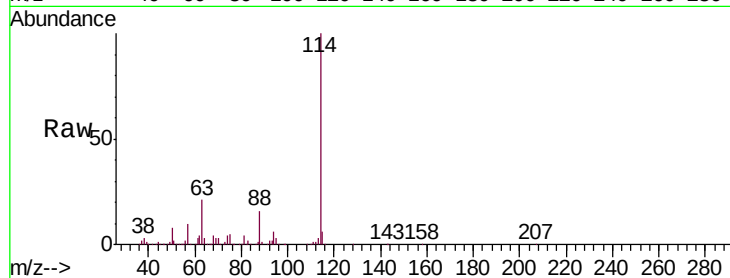




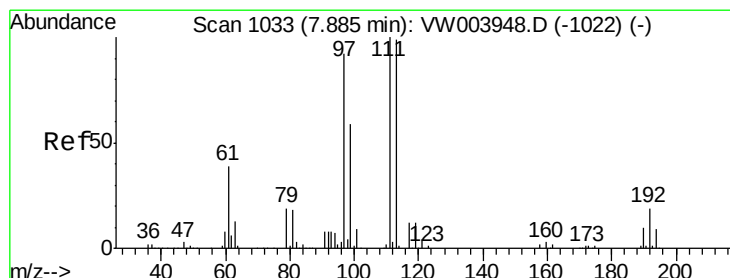
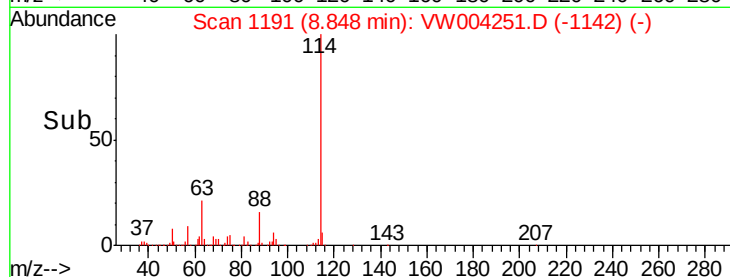
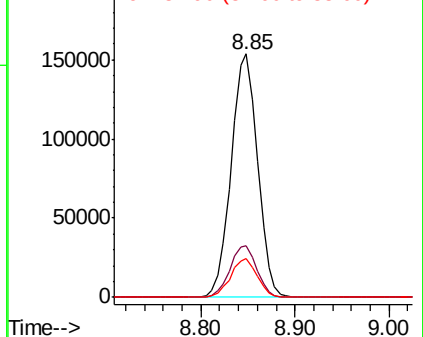
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004251.D
 Acq: 27 Jul 2018 04:36

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-9

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.8
88	16.0	0.0	30.4

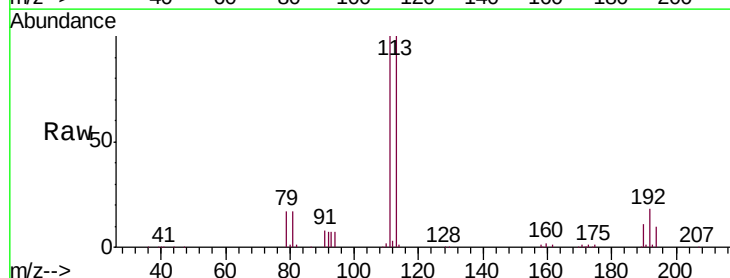


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

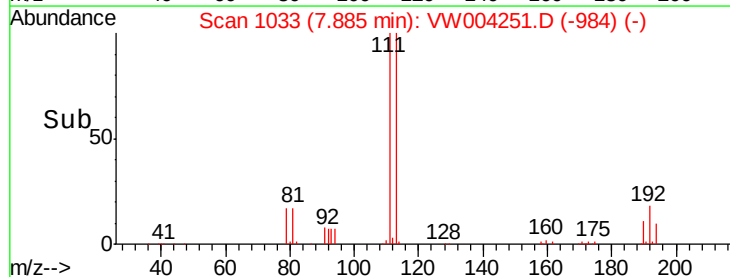
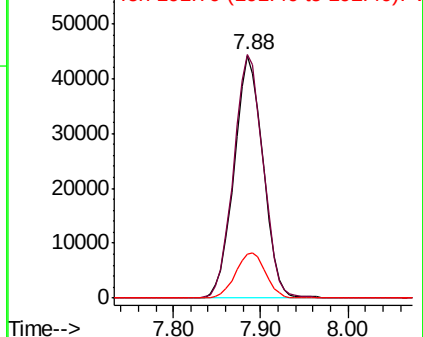


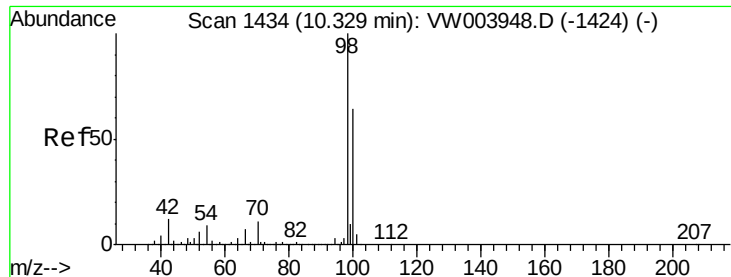
#35
 Dibromofluoromethane
 Concen: 52.949 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004251.D
 Acq: 27 Jul 2018 04:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	19.3	15.8	23.6



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

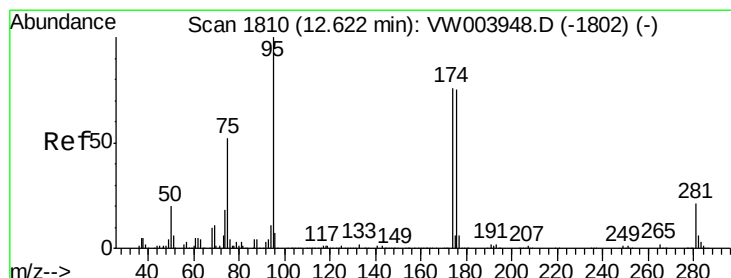
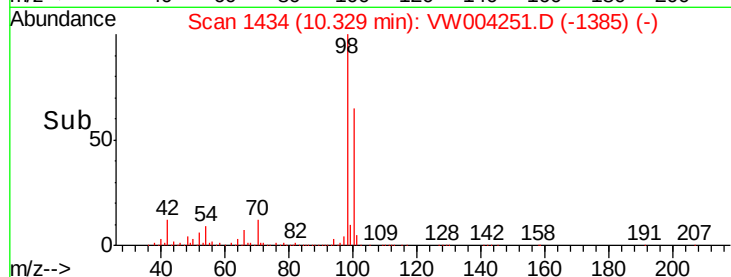
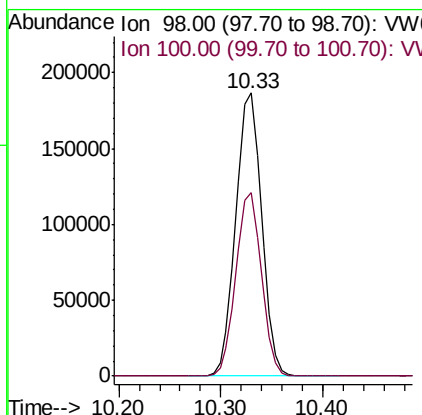
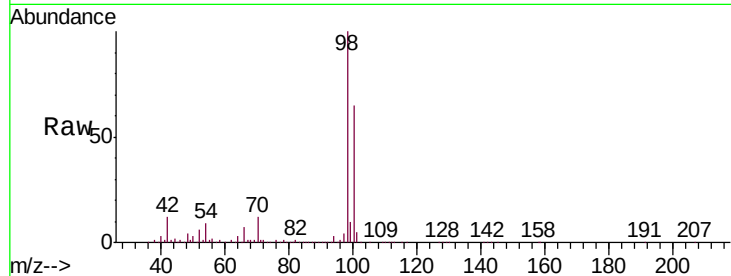




#50
Toluene-d8
Concen: 44.008 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004251.D
Acq: 27 Jul 2018 04:36

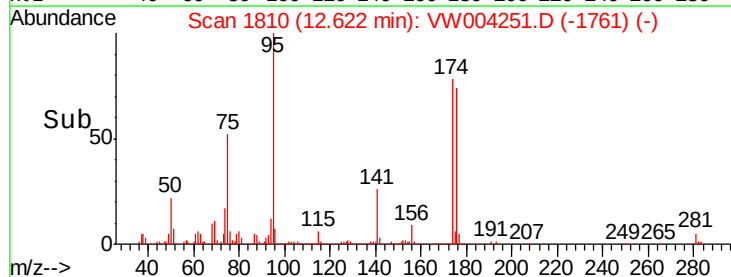
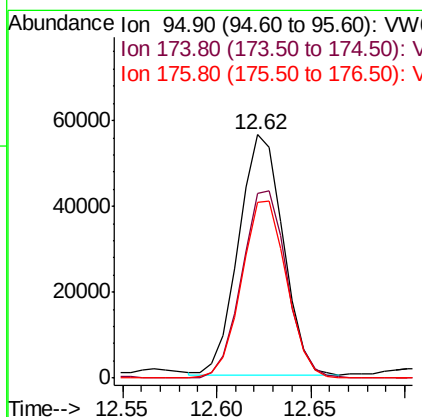
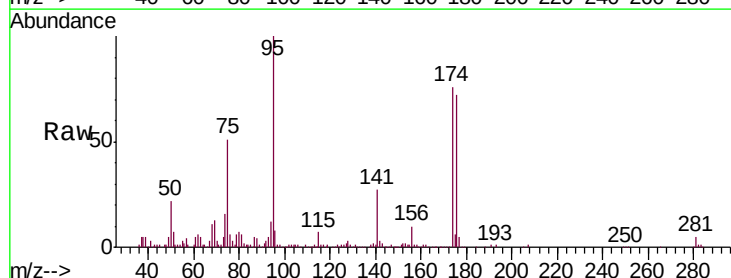
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-9

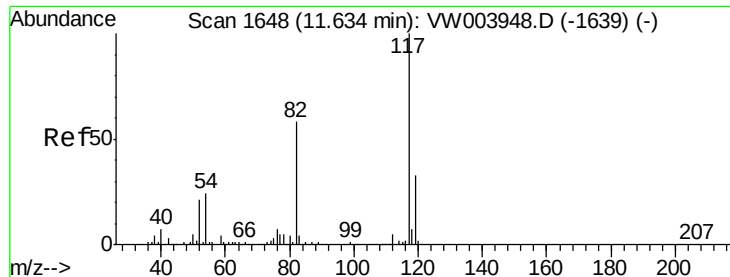
Tot Ion: 98 Resp: 328115
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 34.225 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004251.D
Acq: 27 Jul 2018 04:36

Tgt Ion: 95 Resp: 92018
Ion Ratio Lower Upper
95 100
174 77.9 0.0 160.2
176 74.4 0.0 155.8

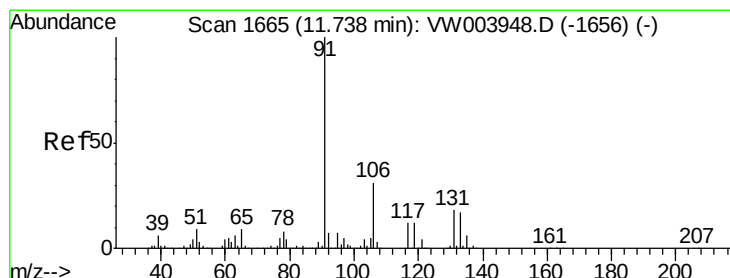
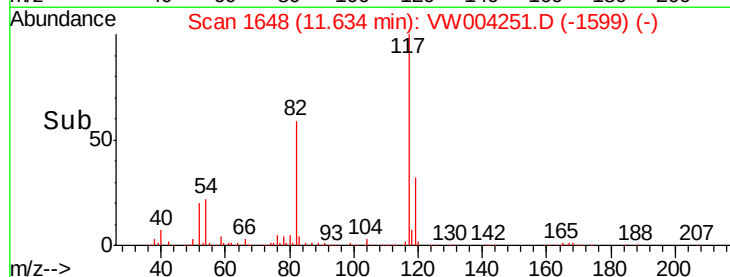
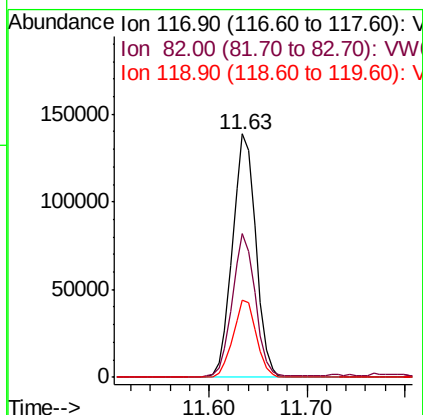
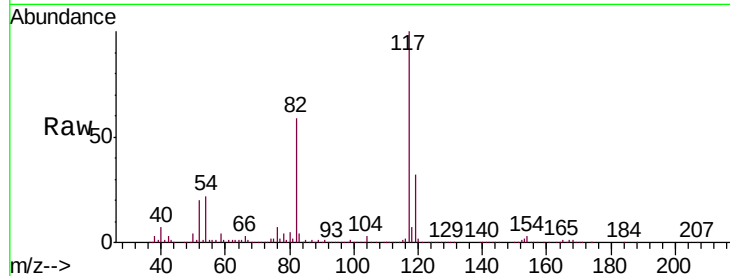




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004251.D
Acq: 27 Jul 2018 04:36

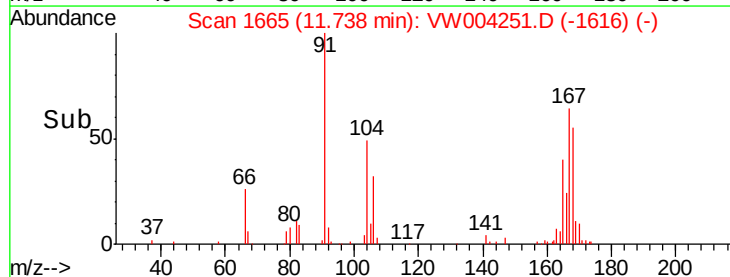
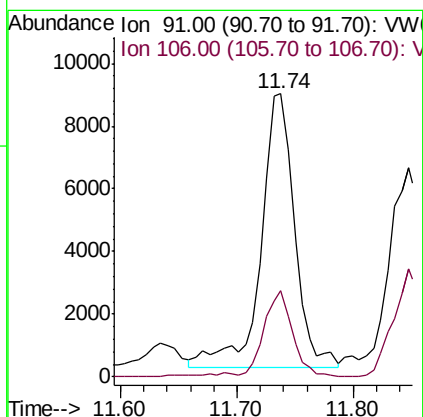
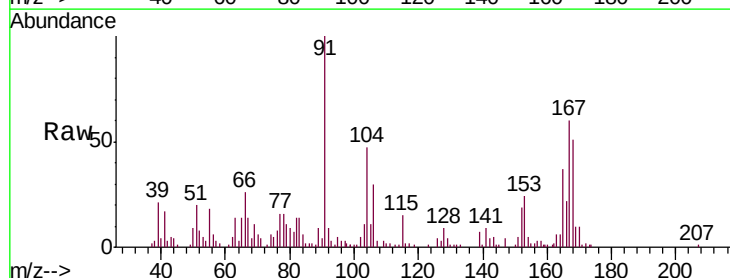
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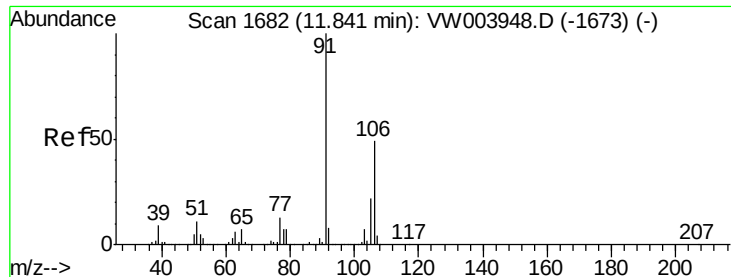
Tot Ion:117 Resp: 229535
Ion Ratio Lower Upper
117 100
82 58.8 46.5 69.7
119 31.8 26.2 39.2



#67
Ethyl Benzene
Concen: 2.038 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004251.D
Acq: 27 Jul 2018 04:36

Tgt Ion: 91 Resp: 17473
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4

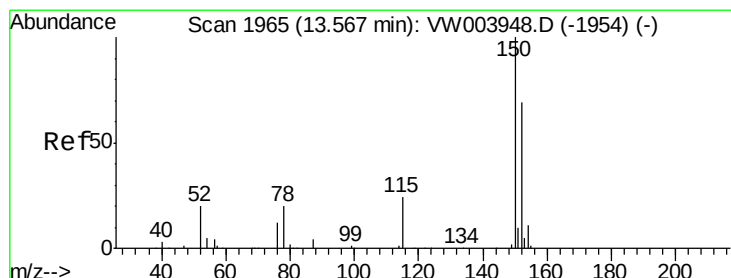
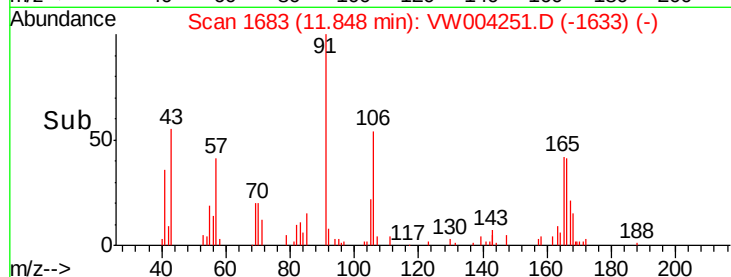
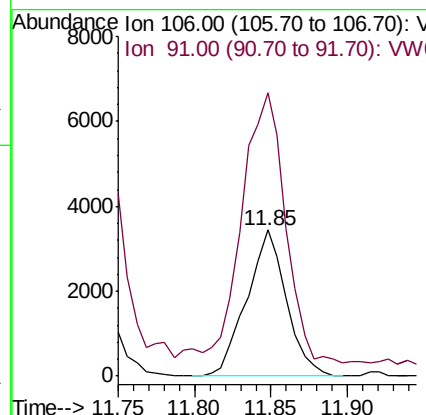
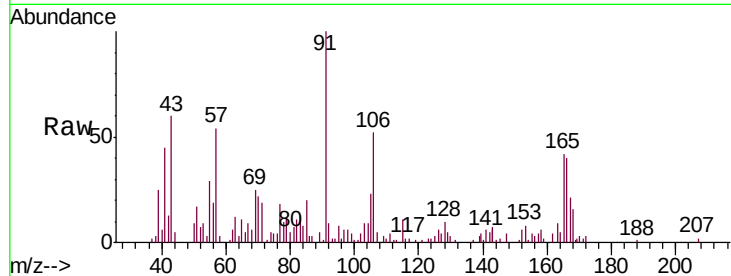




#68
m/p-Xylenes
Concen: 1.888 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW004251.D
Acq: 27 Jul 2018 04:36

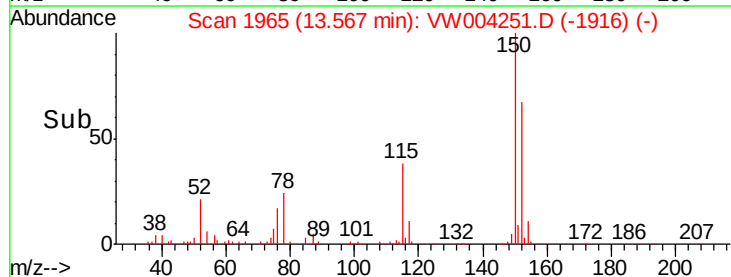
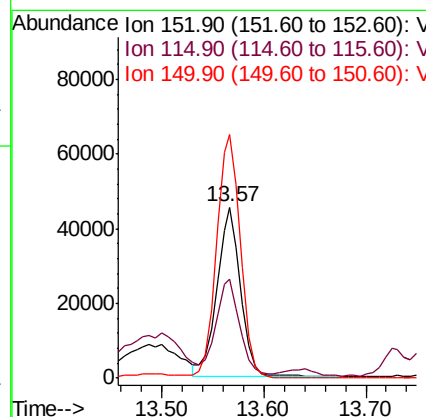
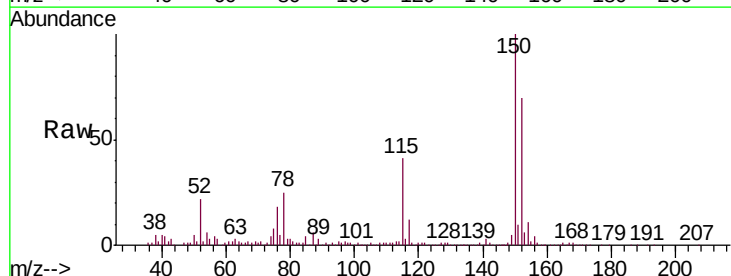
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-9

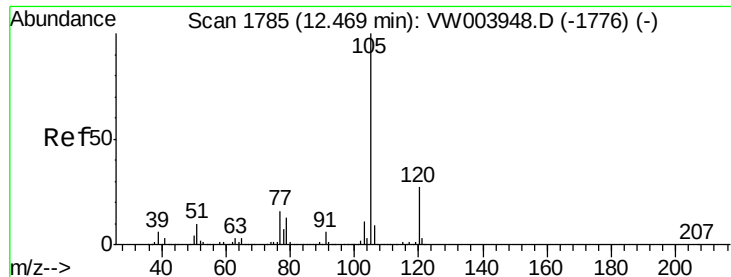
Tot Ion:106 Resp: 6187
Ion Ratio Lower Upper
106 100
91 205.2 164.2 246.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004251.D
Acq: 27 Jul 2018 04:36

Tgt Ion:152 Resp: 74290
Ion Ratio Lower Upper
152 100
115 55.5 29.2 87.6
150 142.1 0.0 345.2





#73

Isopropylbenzene

Concen: 2.982 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004251.D

Acq: 27 Jul 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

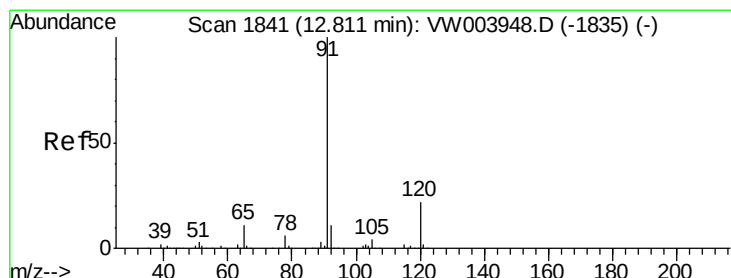
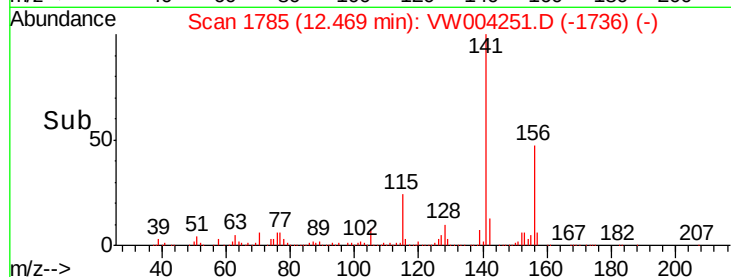
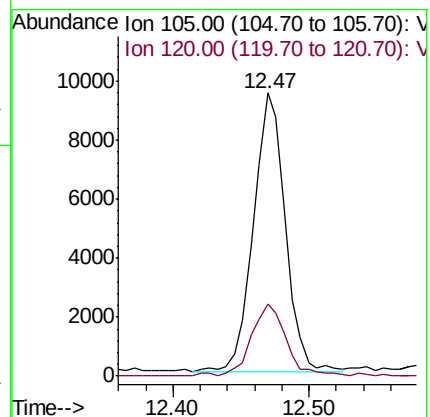
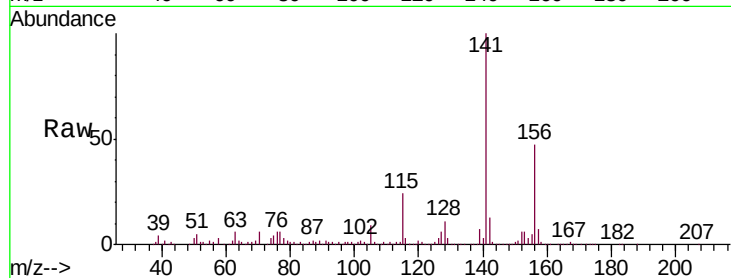
2018-NYSEG-CLARK-AREA-9

Tot Ion:105 Resp: 15653

Ion Ratio Lower Upper

105 100

120 28.1 13.2 39.6



#78

n-propylbenzene

Concen: 2.327 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004251.D

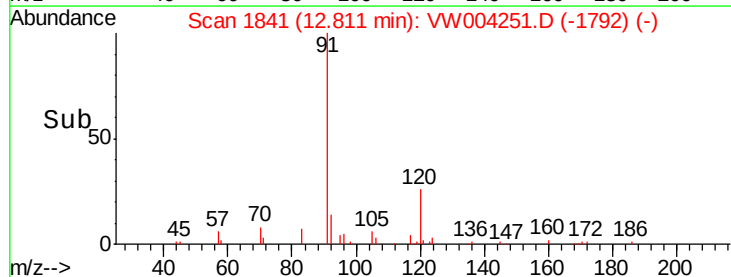
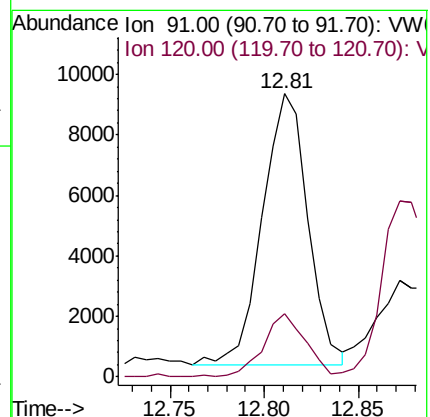
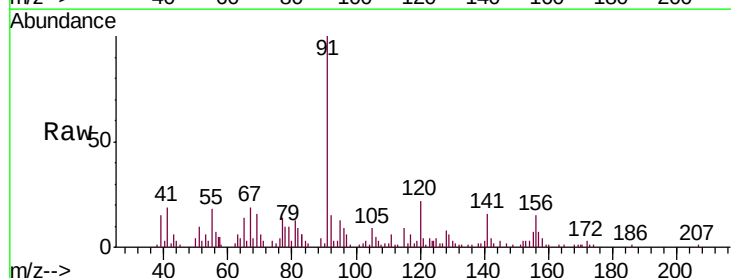
Acq: 27 Jul 2018 04:36

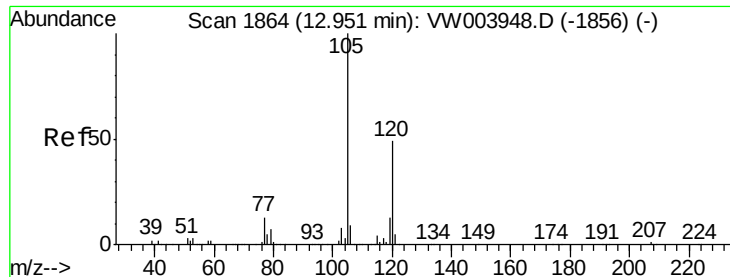
Tgt Ion: 91 Resp: 14987

Ion Ratio Lower Upper

91 100

120 21.6 11.2 33.6

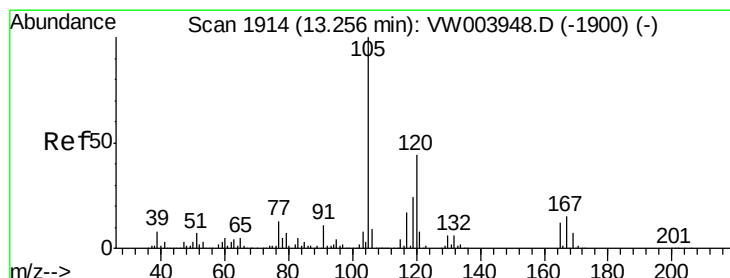
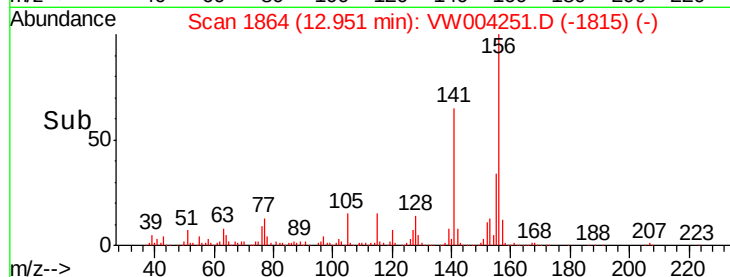
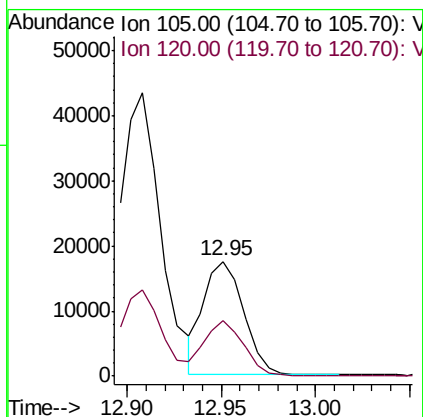
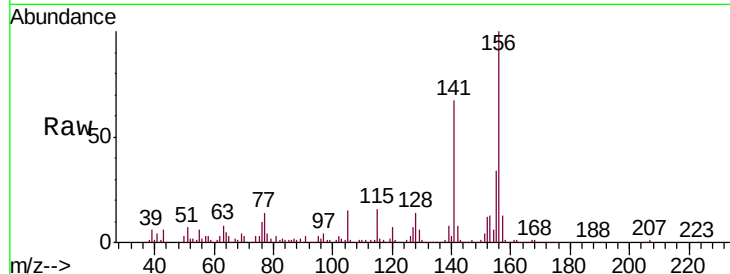




#80
 1,3,5-Trimethylbenzene
 Concen: 5.833 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004251.D
 Acq: 27 Jul 2018 04:36

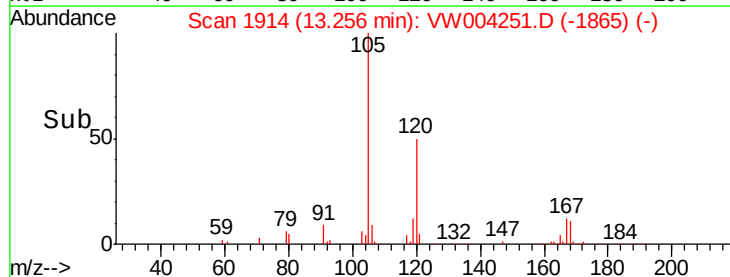
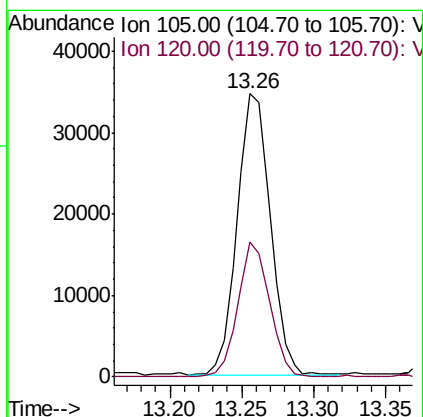
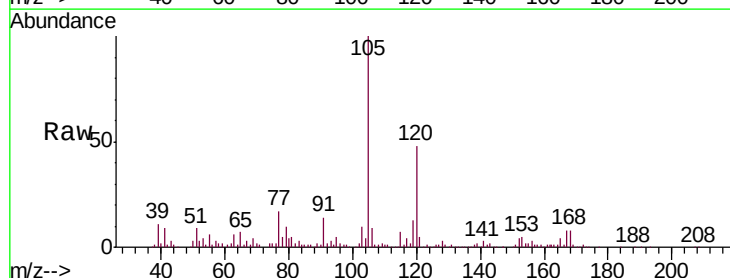
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-9

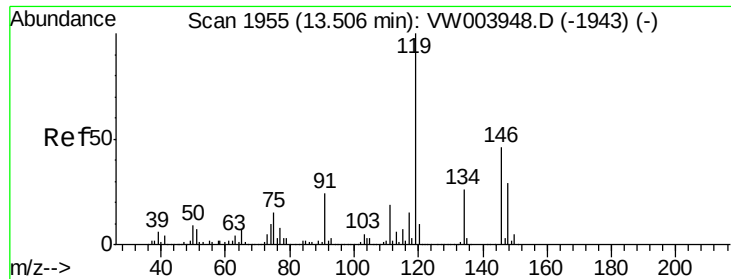
Tot Ion:105 Resp: 25769
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 12.157 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004251.D
 Acq: 27 Jul 2018 04:36

Tgt Ion:105 Resp: 55256
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.1 66.1

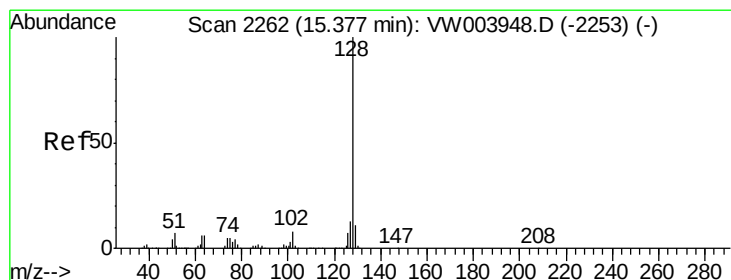
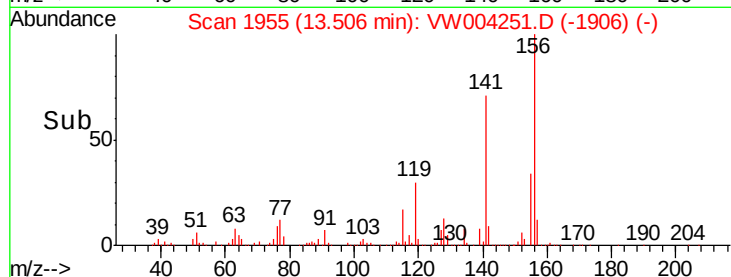
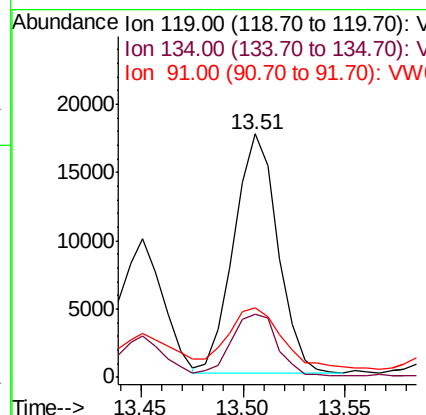
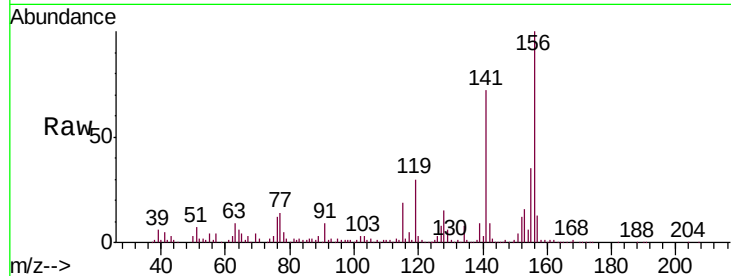




#86
 p-Isopropyltoluene
 Concen: 5.420 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004251.D
 Acq: 27 Jul 2018 04:36

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-9

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.0	38.9
91	30.4	11.8	35.3



#95
 Naphthalene
 Concen: 172.619 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW004251.D
 Acq: 27 Jul 2018 04:36

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	11.0	8.7	13.1

