

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
 Data File : VF059764.D
 Acq On : 1 Aug 2018 19:17
 Operator : VA/AP
 Sample : J4231-13
 Misc : 5.02g/5mL/MSVOA_F/SOIL
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-7

Quant Time: Aug 02 05:31:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	116240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	161327	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	119002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	52532	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	73179	35.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.06%	
35) Dibromofluoromethane	4.29	113	62430	37.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.52%	
50) Toluene-d8	7.70	98	125018	31.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.98%	
62) 4-Bromofluorobenzene	11.51	95	46427	21.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	237	Below Cal	#	43
3) Chloromethane	1.09	50	593	Below Cal	#	38
4) Vinyl Chloride	1.14	62	166	Below Cal	#	47
5) Bromomethane	1.34	94	361	Below Cal		95
6) Chloroethane	1.43	64	175	Below Cal	#	1
8) Diethyl Ether	1.70	74	1266	3.411	ug/l	76
10) Methyl Iodide	1.94	142	83	Below Cal	#	1
11) Tert butyl alcohol	2.69	59	66	Below Cal	#	1
13) Acrolein	2.08	56	413	24.824	ug/l	95
15) Acrylonitrile	3.04	53	506	3.811	ug/l #	59
16) Acetone	2.34	43	4768	12.689	ug/l #	86
17) Carbon Disulfide	1.88	76	358	Below Cal	#	71
18) Methyl Acetate	2.48	43	2512	Below Cal		96
20) Methylene Chloride	2.28	84	3441	Below Cal	#	62
21) trans-1,2-Dichloroethene	2.42	96	114	Below Cal	#	1
25) 2-Butanone	4.52	43	1014	2.418	ug/l #	74
31) Cyclohexane	3.88	56	64	Below Cal	#	15
36) 1,1-Dichloropropene	4.45	75	202	Below Cal	#	46
37) Ethyl Acetate	4.31	43	317	Below Cal	#	19
39) Methylcyclohexane	5.61	83	72	Below Cal	#	7
41) Methacrylonitrile	4.94	41	73	Below Cal	#	38
44) Trichloroethene	5.69	130	74	Below Cal		2
49) 1,4-Dioxane	6.80	88	69	Below Cal	#	21
52) Toluene	7.77	92	997	Below Cal	#	65
58) 2-Chloroethyl Vinyl ether	7.74	63	478	4.499	ug/l	100
64) Tetrachloroethene	8.34	164	90	Below Cal	#	23
68) m/p-Xylenes	10.27	106	371	Below Cal	#	55
78) n-propylbenzene	11.68	91	968	Below Cal		94
79) 2-Chlorotoluene	11.80	91	590	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	11.91	105	1060	Below Cal		91
82) 4-Chlorotoluene	11.99	91	616	Below Cal	#	44
84) 1,2,4-Trimethylbenzene	12.28	105	1082	Below Cal		75
85) sec-Butylbenzene	12.39	105	680	Below Cal	#	57
86) p-Isopropyltoluene	12.53	119	1256	Below Cal	#	80

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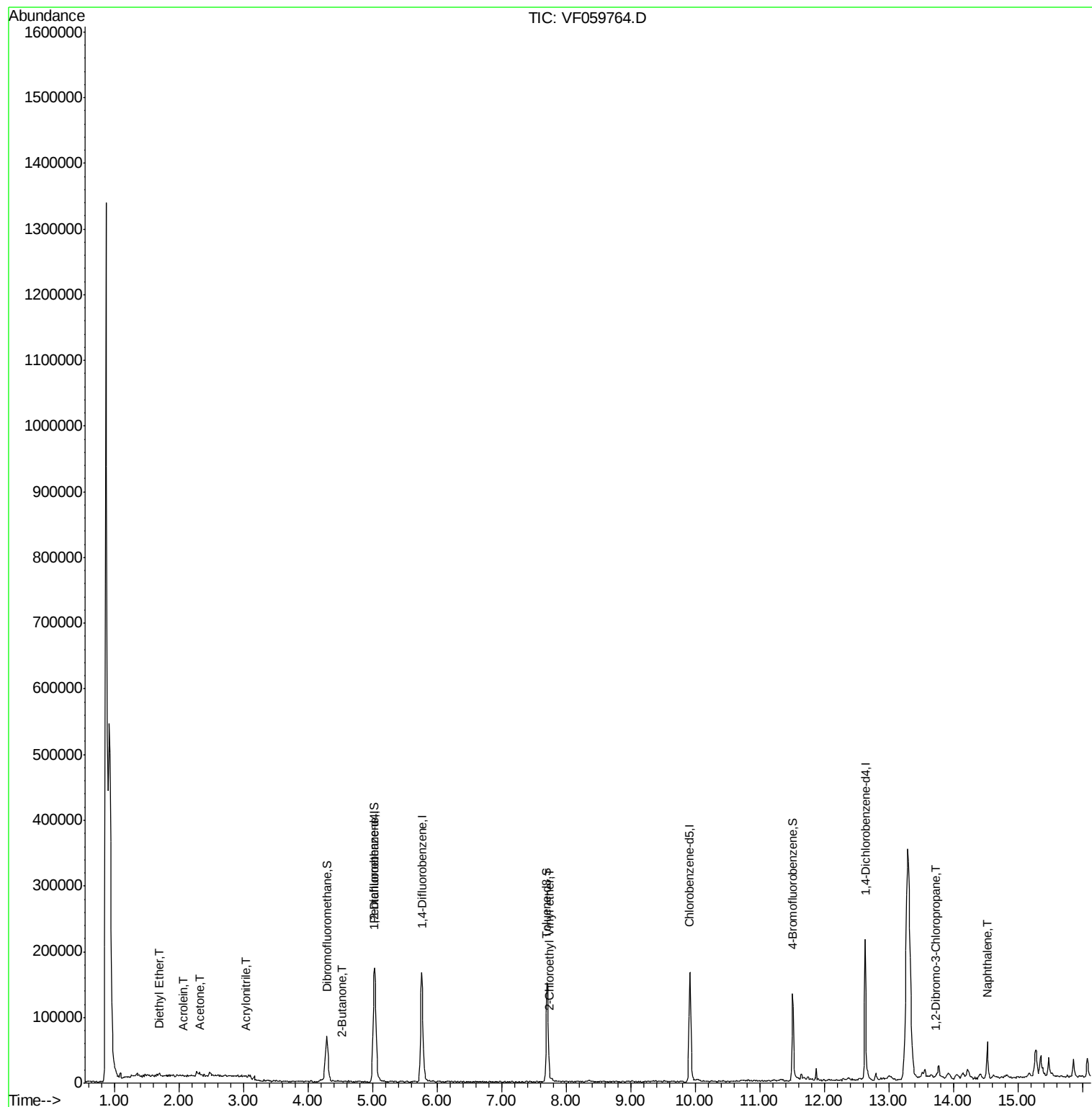
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.55	146	363	Below Cal	#	48
88) 1,4-Dichlorobenzene	12.65	146	552	Below Cal	#	74
89) n-Butylbenzene	12.92	91	882	Below Cal		91
91) 1,2-Dichlorobenzene	13.02	146	209	Below Cal	#	38
92) 1,2-Dibromo-3-Chloropropan	13.72	75	164	1.034 ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.27	180	325	Below Cal		69
95) Naphthalene	14.52	128	35067	15.483 ug/l		96

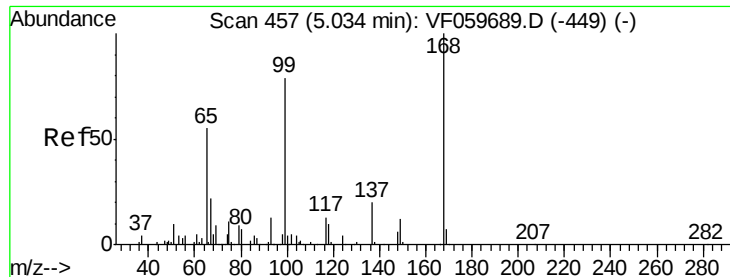
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

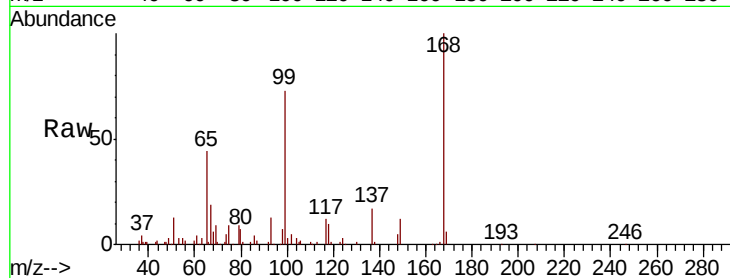
2018-NYSEG-CLARK-AREA-14-7

Tgt Ion:168 Resp: 116240

Ion Ratio Lower Upper

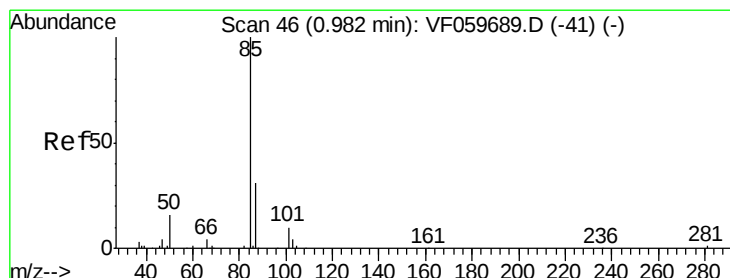
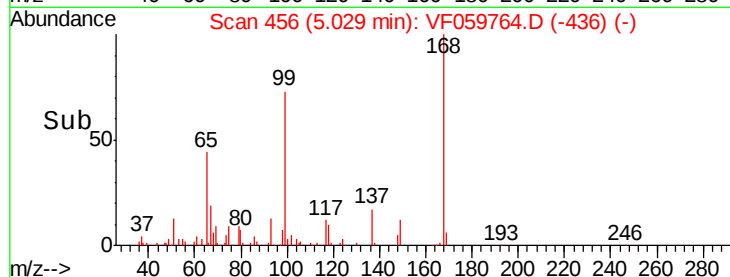
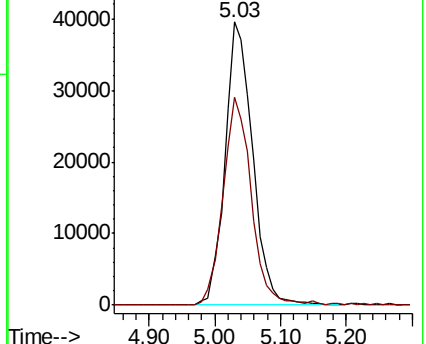
168 100

99 73.4 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.99 min Scan# 46

Delta R.T. 0.01 min

Lab File: VF059764.D

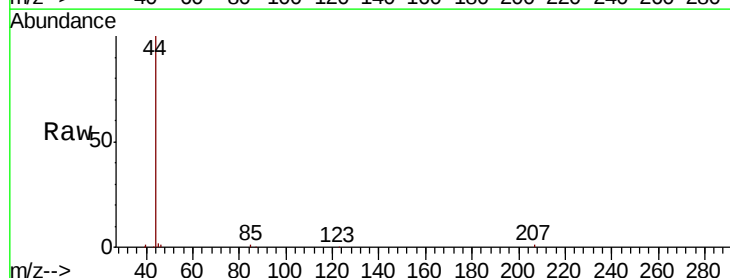
Acq: 1 Aug 2018 19:17

Tgt Ion: 85 Resp: 237

Ion Ratio Lower Upper

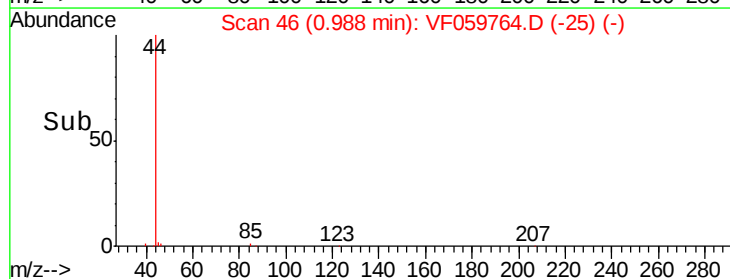
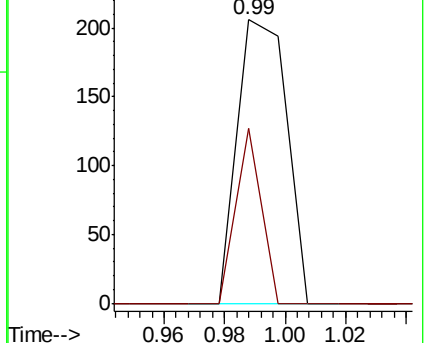
85 100

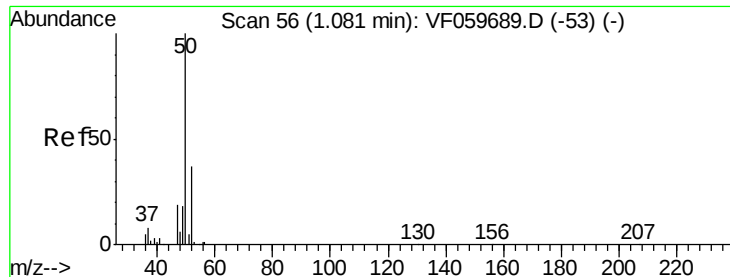
87 61.7 15.3 45.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: Below Cal

RT: 1.09 min Scan# 56

Delta R.T. 0.01 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

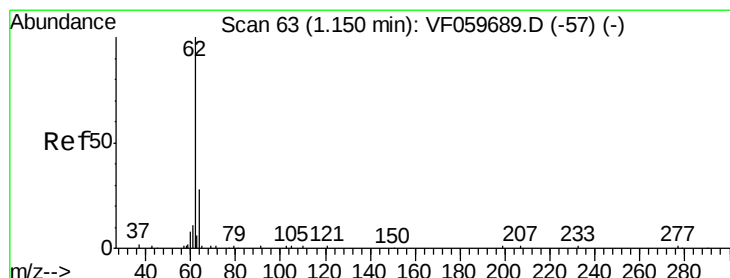
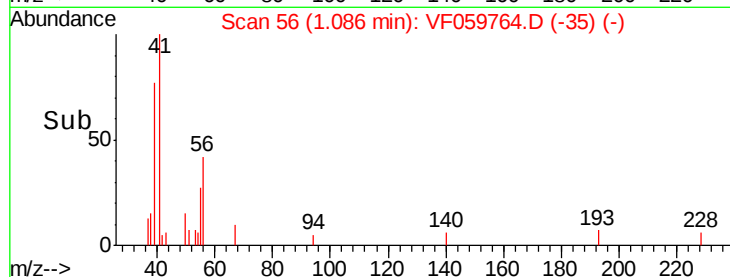
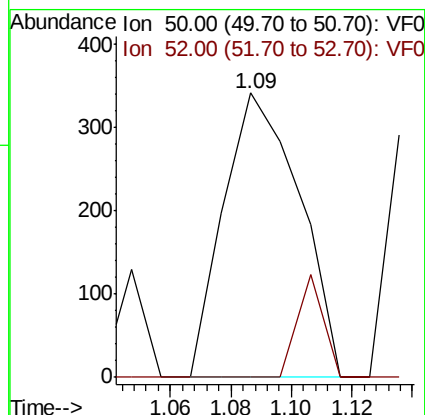
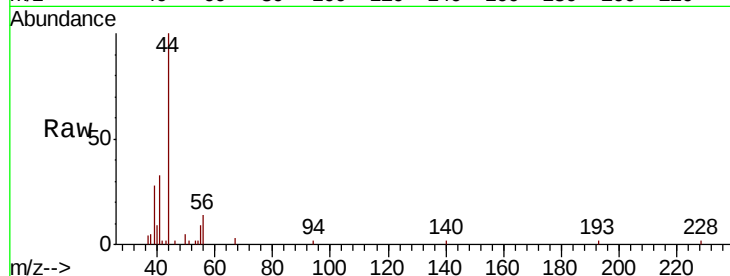
2018-NYSEG-CLARK-AREA-14-7

Tgt Ion: 50 Resp: 593

Ion Ratio Lower Upper

50 100

52 0.0 29.1 43.7#



#4

Vinyl Chloride

Concen: Below Cal

RT: 1.14 min Scan# 61

Delta R.T. -0.01 min

Lab File: VF059764.D

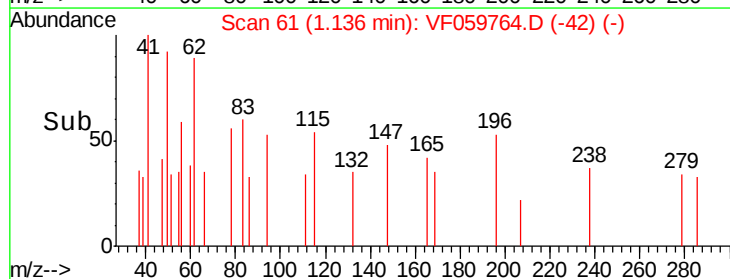
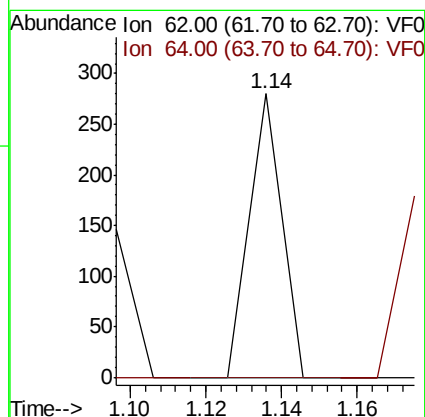
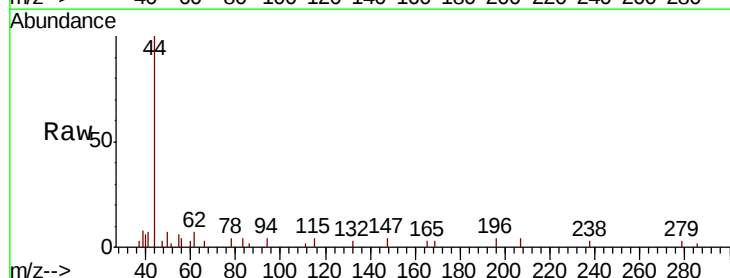
Acq: 1 Aug 2018 19:17

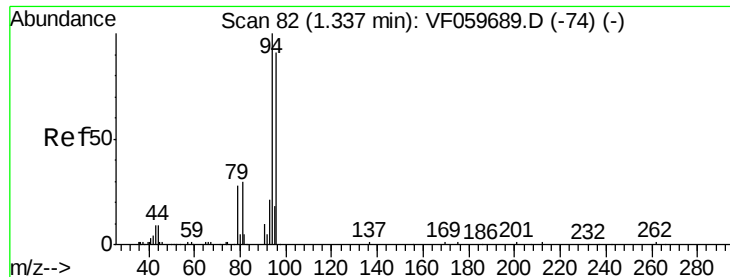
Tgt Ion: 62 Resp: 166

Ion Ratio Lower Upper

62 100

64 0.0 22.6 33.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.34 min Scan# 82

Delta R.T. 0.01 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

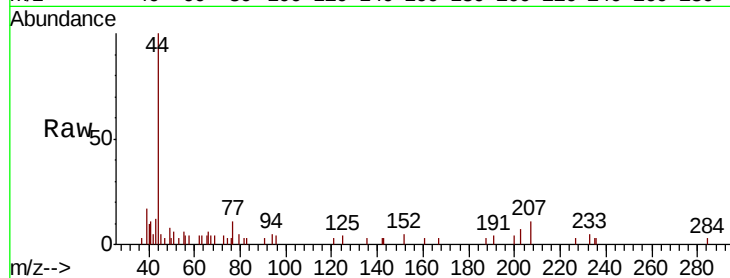
2018-NYSEG-CLARK-AREA-14-7

Tgt Ion: 94 Resp: 361

Ion Ratio Lower Upper

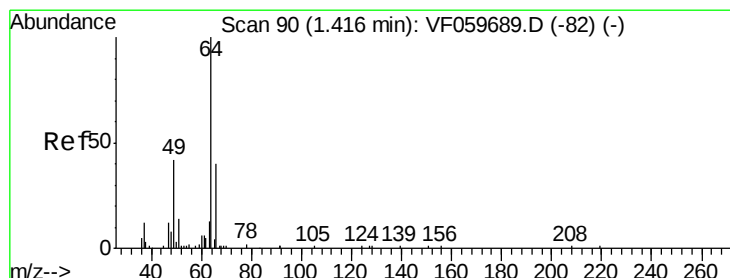
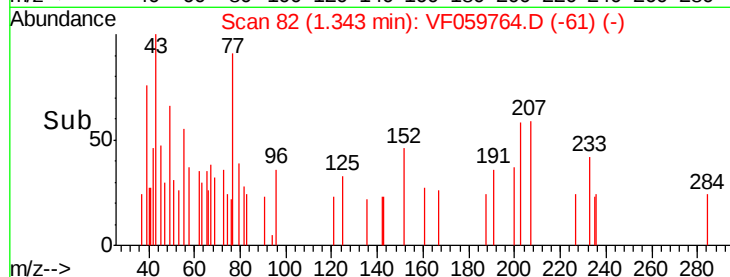
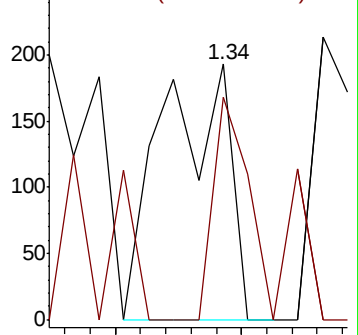
94 100

96 87.0 73.6 110.4



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: Below Cal

RT: 1.43 min Scan# 91

Delta R.T. 0.02 min

Lab File: VF059764.D

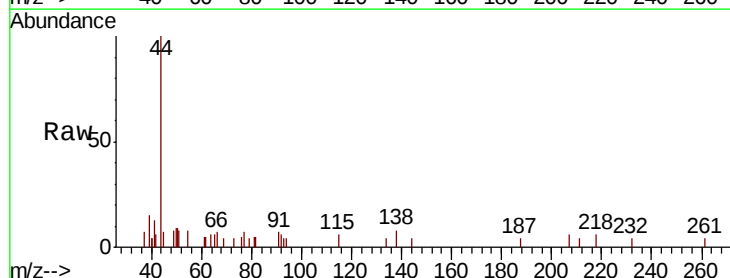
Acq: 1 Aug 2018 19:17

Tgt Ion: 64 Resp: 175

Ion Ratio Lower Upper

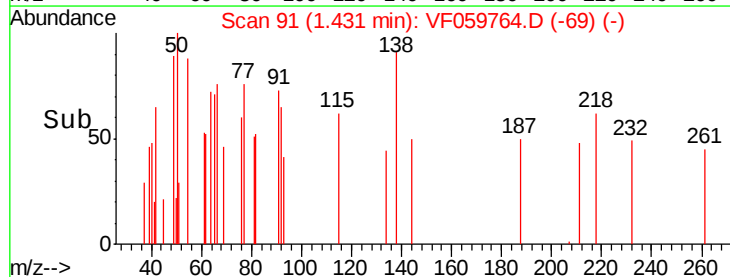
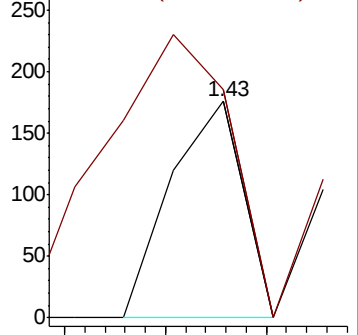
64 100

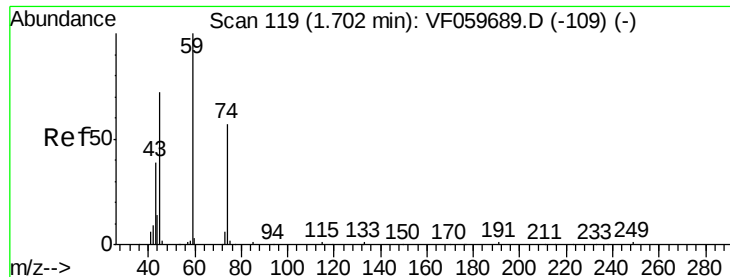
66 105.7 32.6 49.0#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#8

Diethyl Ether

Concen: 3.411 ug/l

RT: 1.70 min Scan# 118

Delta R.T. -0.00 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

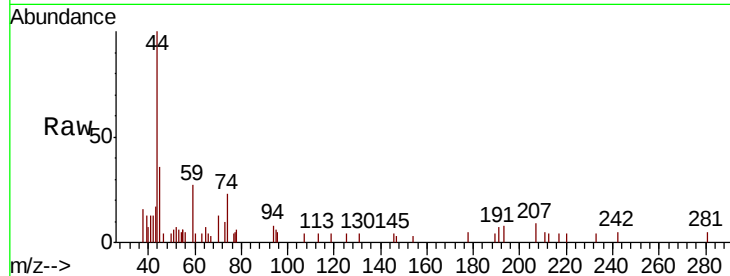
2018-NYSEG-CLARK-AREA-14-7

Tgt Ion: 74 Resp: 1266

Ion Ratio Lower Upper

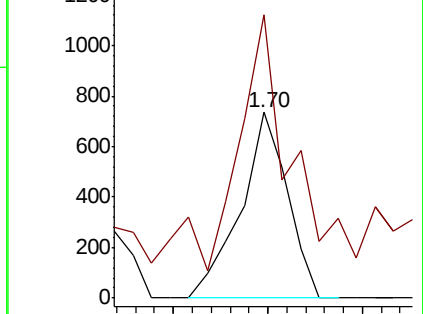
74 100

45 152.5 62.7 188.2

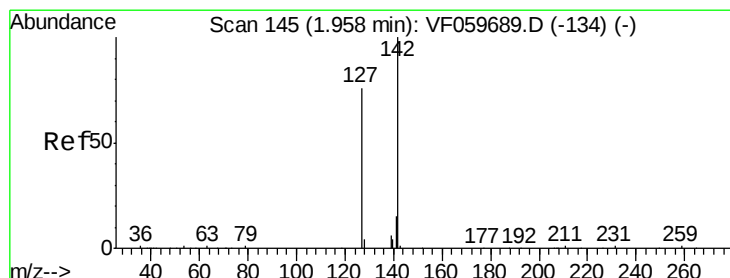
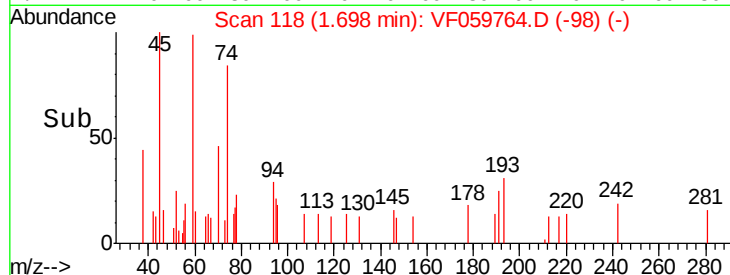


Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



Time-->



#10

Methyl Iodide

Concen: Below Cal

RT: 1.94 min Scan# 143

Delta R.T. -0.01 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

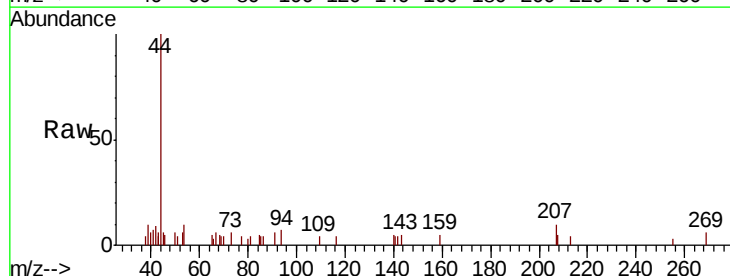
Tgt Ion: 142 Resp: 83

Ion Ratio Lower Upper

142 100

127 0.0 60.6 91.0#

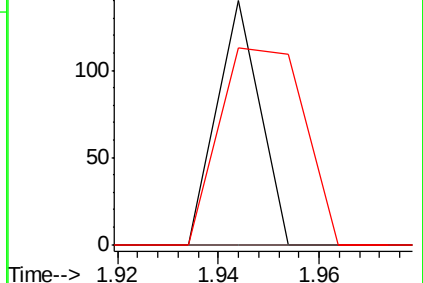
141 80.7 12.0 18.0#



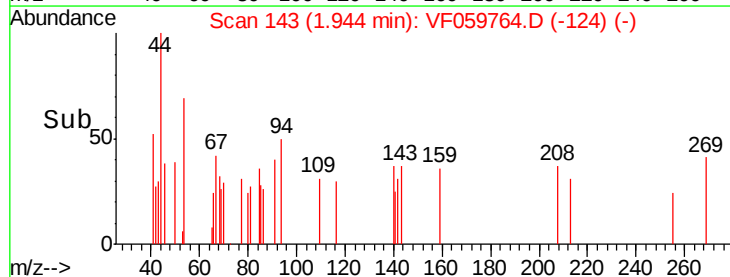
Abundance Ion 142.00 (141.70 to 142.70): V

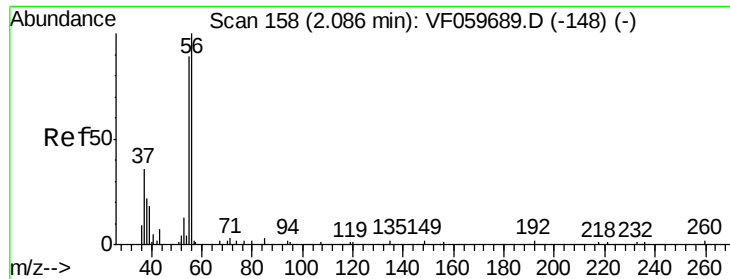
Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



Time-->





#13

Acrolein

Concen: 24.824 ug/l

RT: 2.08 min Scan# 157

Delta R.T. -0.00 min

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Acq: 1 Aug 2018 19:17

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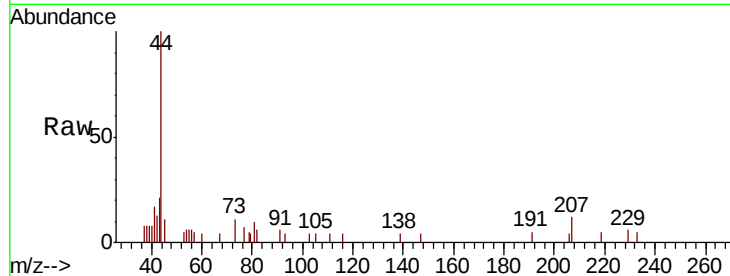
2018-NYSEG-CLARK-AREA-14-7

Tgt Ion: 56 Resp: 413

Ion Ratio Lower Upper

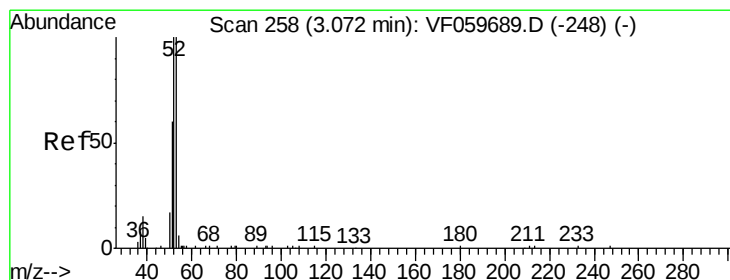
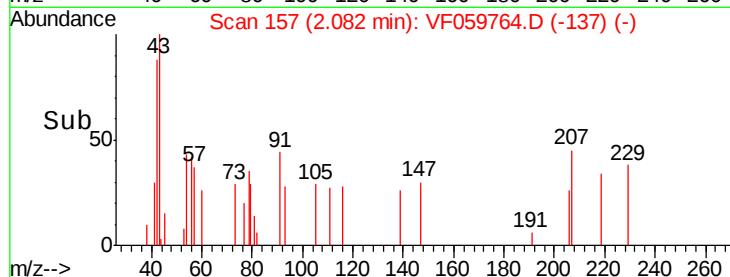
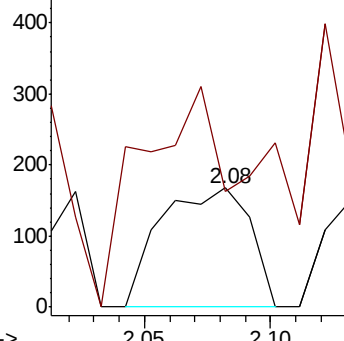
56 100

55 96.4 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#15

Acrylonitrile

Concen: 3.811 ug/l

RT: 3.04 min Scan# 254

Delta R.T. -0.03 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

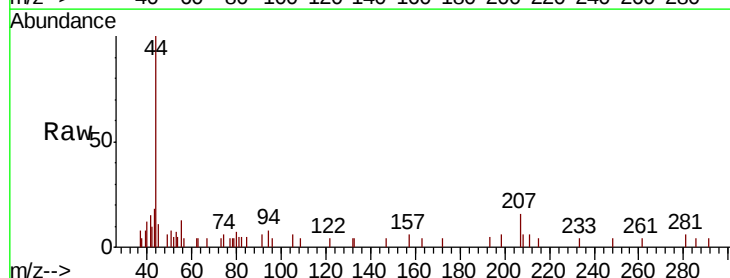
Tgt Ion: 53 Resp: 506

Ion Ratio Lower Upper

53 100

52 38.3 80.3 120.5#

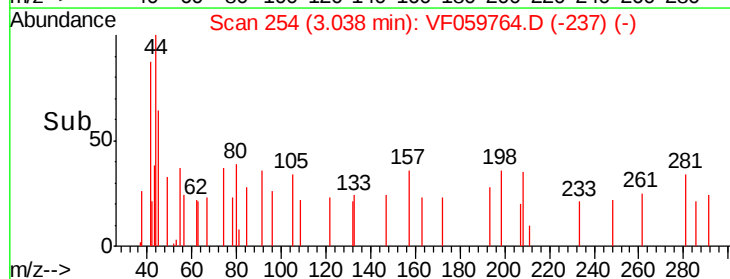
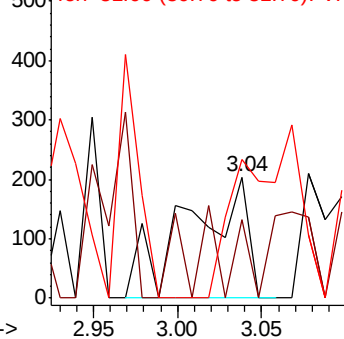
51 67.5 49.4 74.0

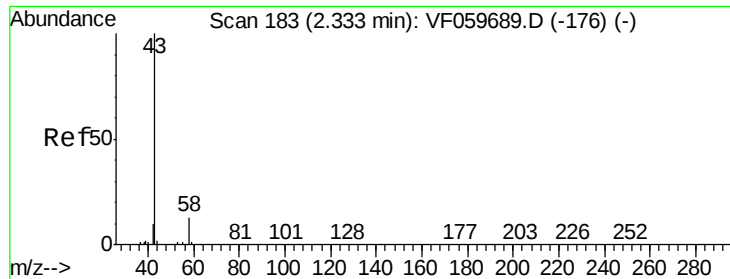


Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0





#16

Acetone

Concen: 12.689 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

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ClientSampleId :

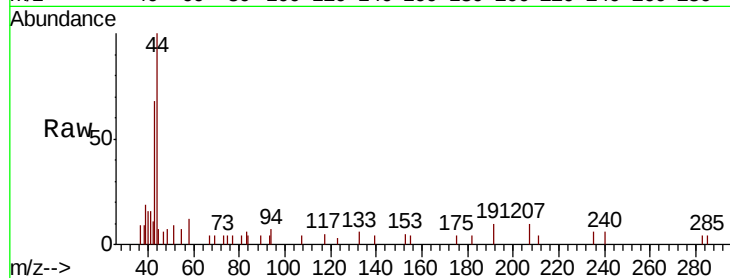
2018-NYSEG-CLARK-AREA-14-7

Tgt Ion: 43 Resp: 4768

Ion Ratio Lower Upper

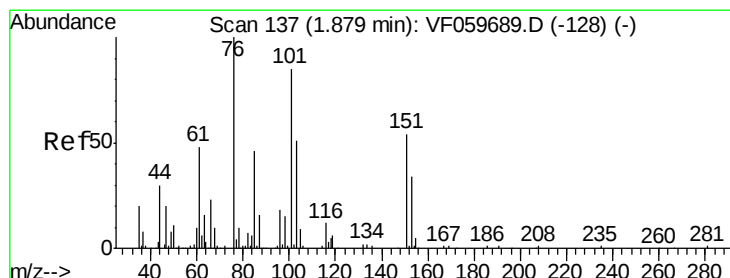
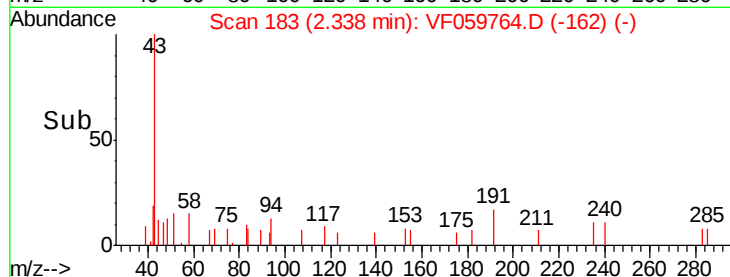
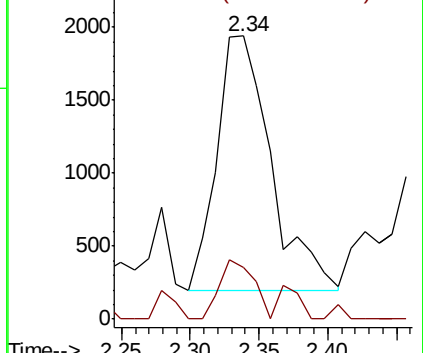
43 100

58 18.1 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#17

Carbon Disulfide

Concen: Below Cal

RT: 1.88 min Scan# 136

Delta R.T. -0.00 min

Lab File: VF059764.D

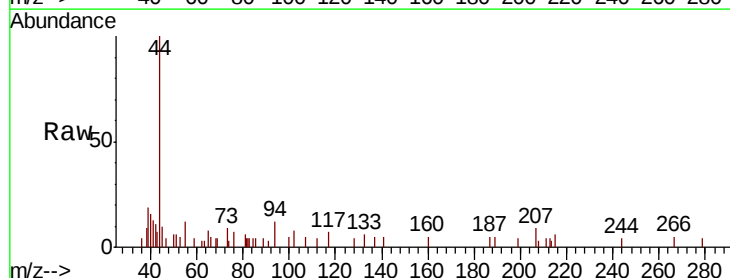
Acq: 1 Aug 2018 19:17

Tgt Ion: 76 Resp: 358

Ion Ratio Lower Upper

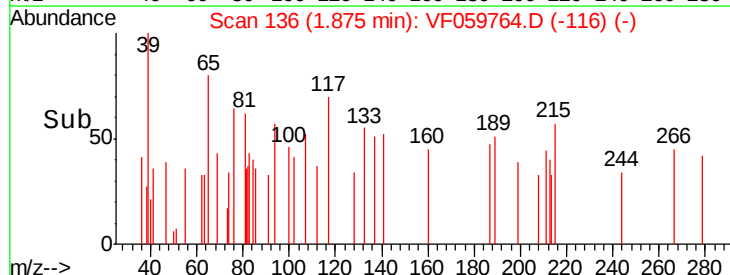
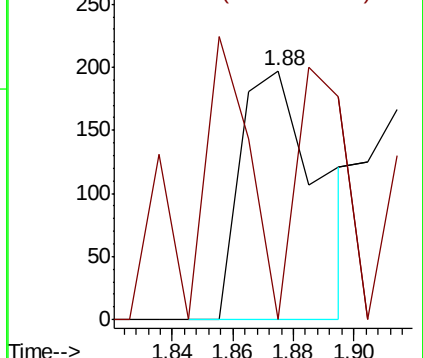
76 100

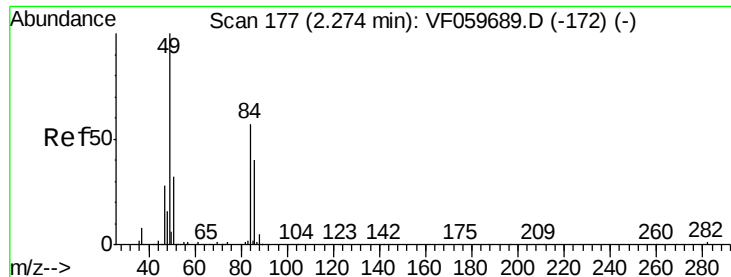
78 0.0 8.9 13.3#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0





#20

Methylene Chloride

Concen: Below Cal

RT: 2.28 min Scan# 177

Delta R.T. 0.01 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-7

Tgt Ion: 84 Resp: 3441

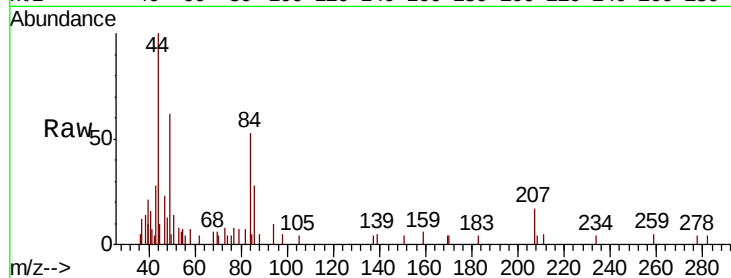
Ion Ratio Lower Upper

84 100

49 117.7 142.2 213.4#

51 25.8 46.2 69.2#

86 54.0 57.1 85.7#

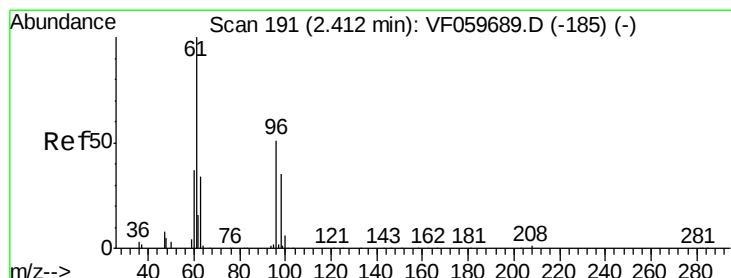
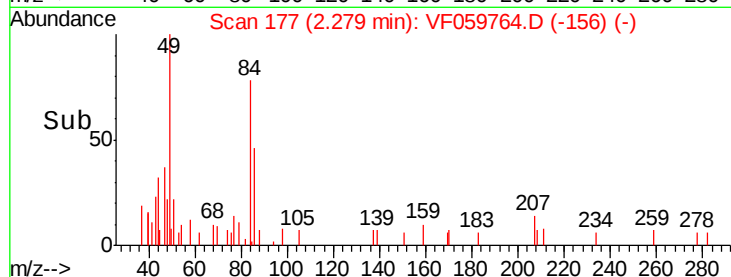
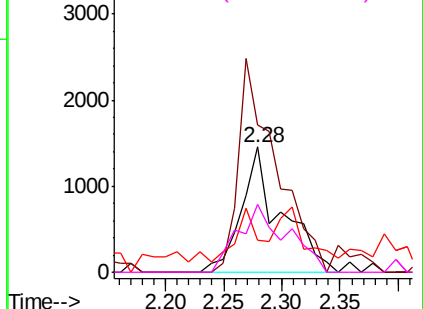


Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 2.42 min Scan# 191

Delta R.T. 0.01 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

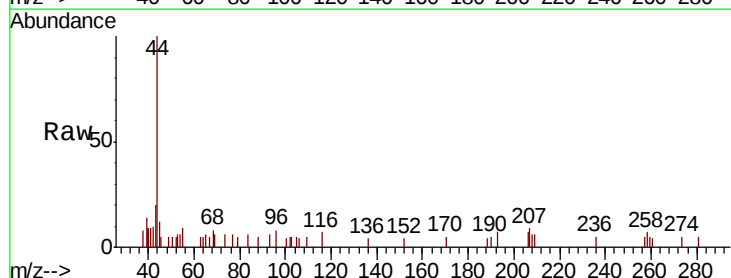
Tgt Ion: 96 Resp: 114

Ion Ratio Lower Upper

96 100

61 0.0 157.4 236.0#

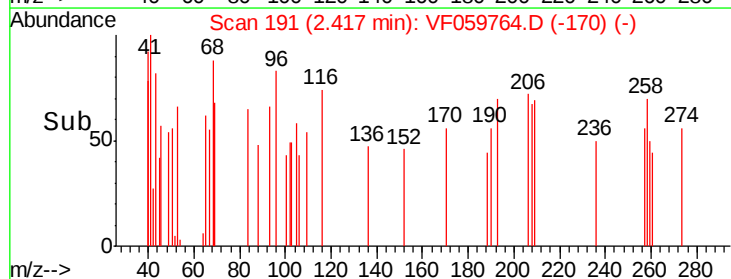
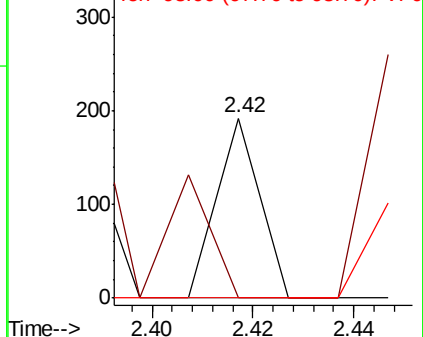
98 0.0 55.0 82.4#

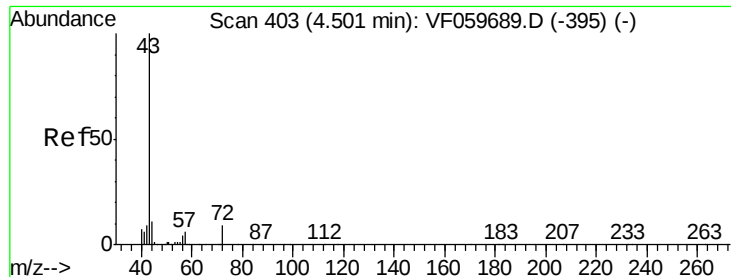


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#25

2-Butanone

Concen: 2.418 ug/l

RT: 4.52 min Scan# 404

Delta R.T. 0.02 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

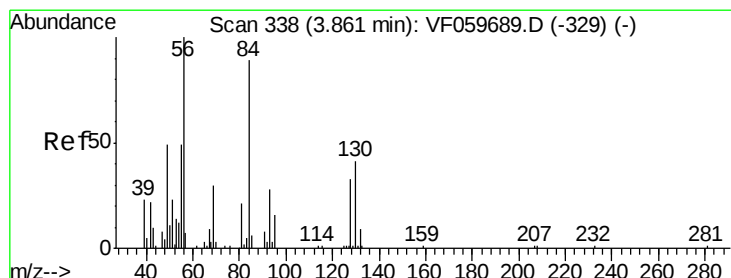
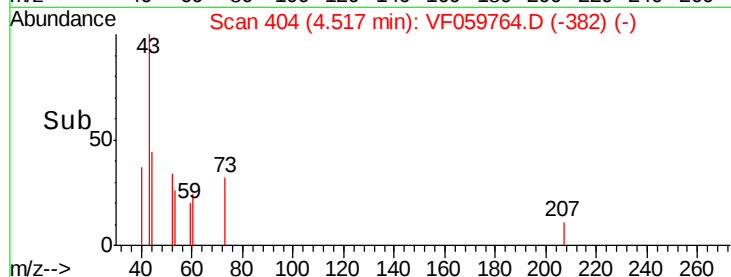
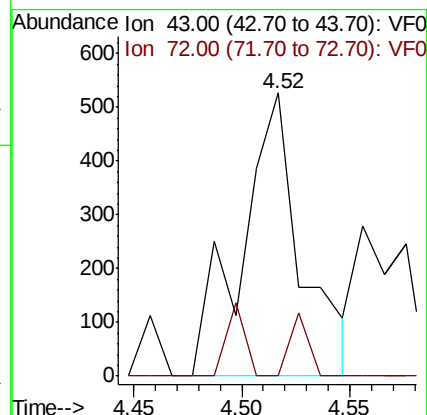
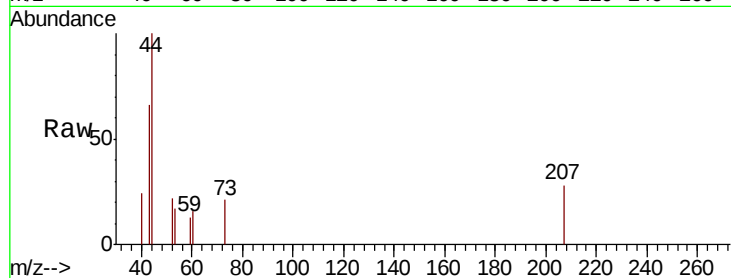
2018-NYSEG-CLARK-AREA-14-7

Tgt Ion: 43 Resp: 1014

Ion Ratio Lower Upper

43 100

72 0.0 7.7 11.5#



#31

Cyclohexane

Concen: Below Cal

RT: 3.88 min Scan# 339

Delta R.T. 0.02 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

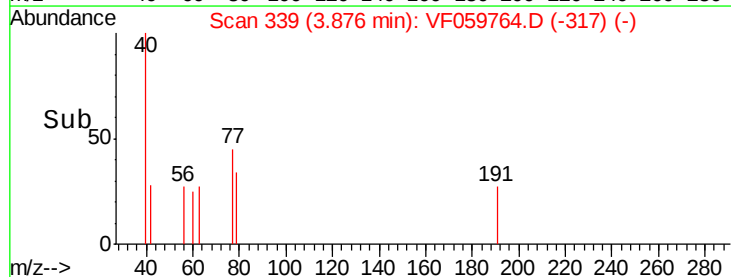
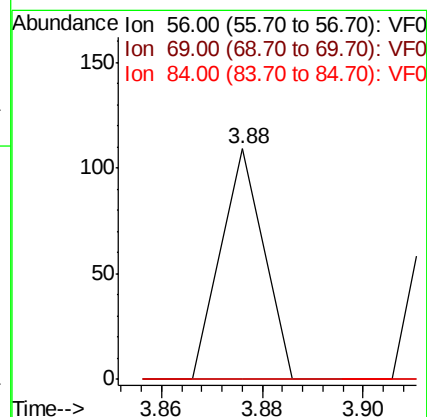
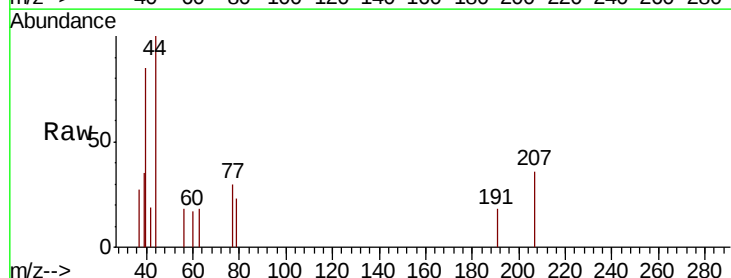
Tgt Ion: 56 Resp: 64

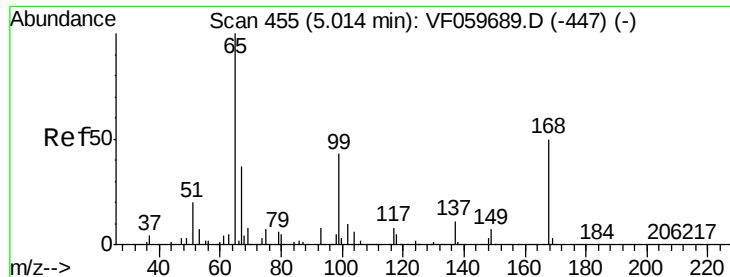
Ion Ratio Lower Upper

56 100

69 0.0 23.7 35.5#

84 0.0 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 35.030 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

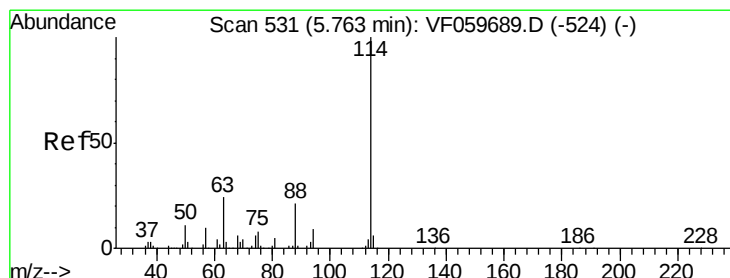
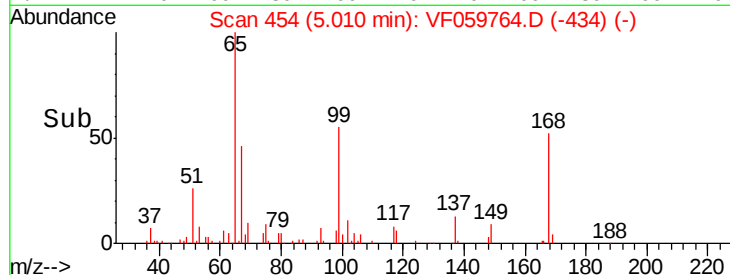
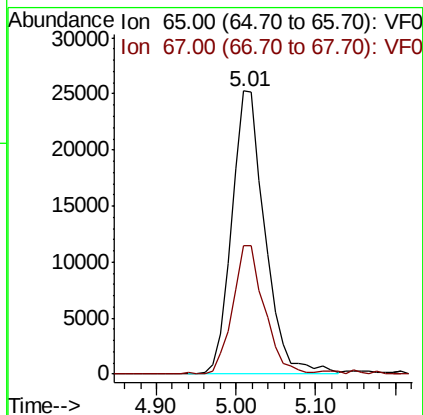
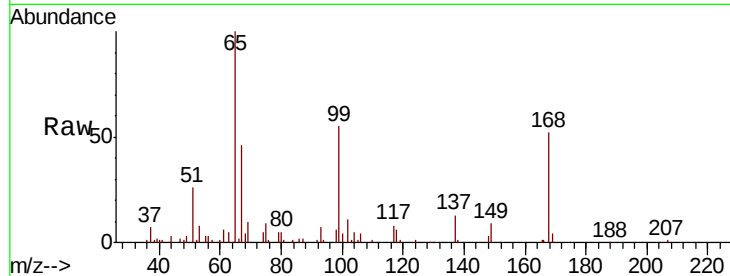
2018-NYSEG-CLARK-AREA-14-7

Tgt Ion: 65 Resp: 73179

Ion Ratio Lower Upper

65 100

67 45.6 0.0 84.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

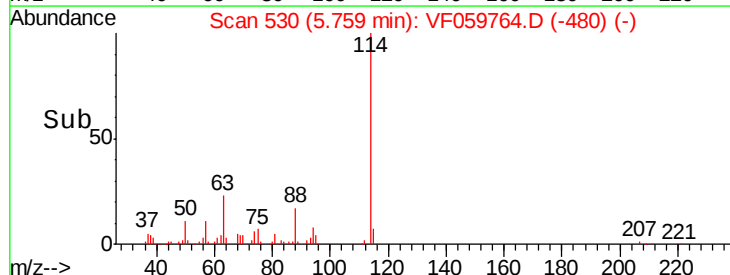
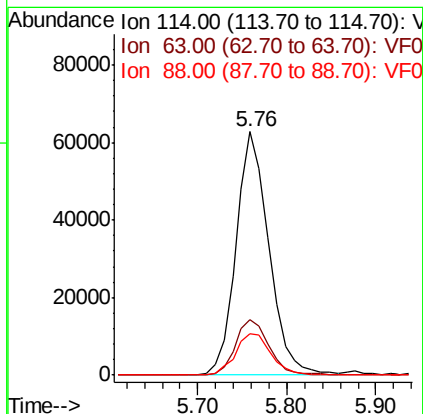
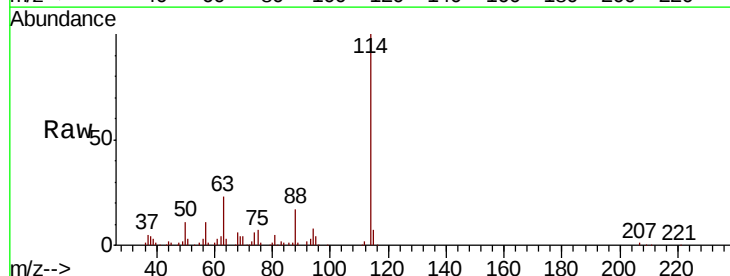
Tgt Ion: 114 Resp: 161327

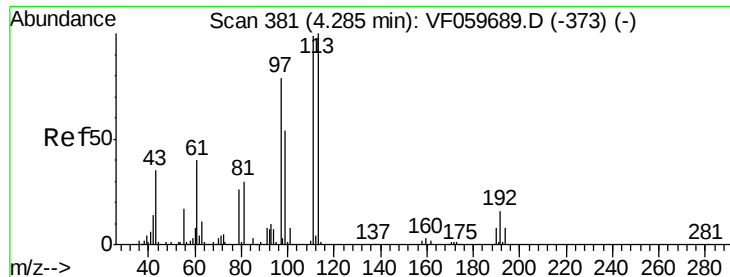
Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.4

88 16.9 0.0 41.2





#35

Dibromofluoromethane

Concen: 37.258 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-7

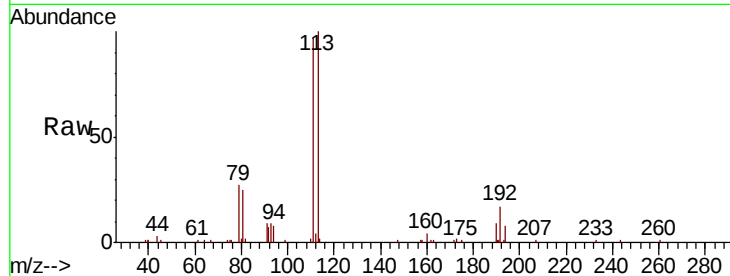
Tgt Ion:113 Resp: 62430

Ion Ratio Lower Upper

113 100

111 97.3 79.0 118.4

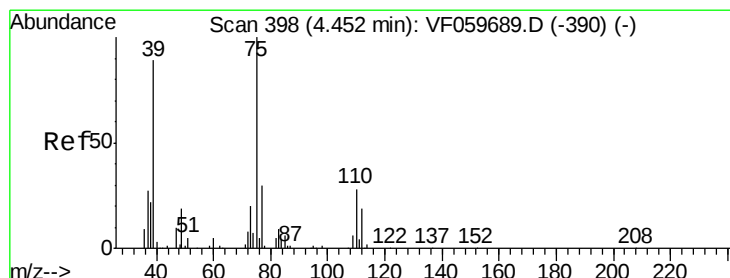
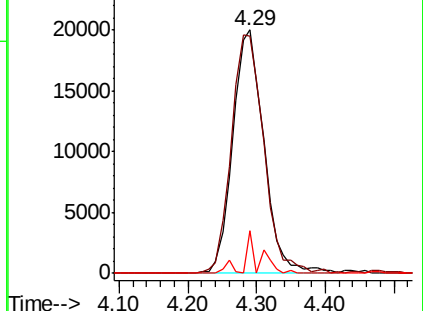
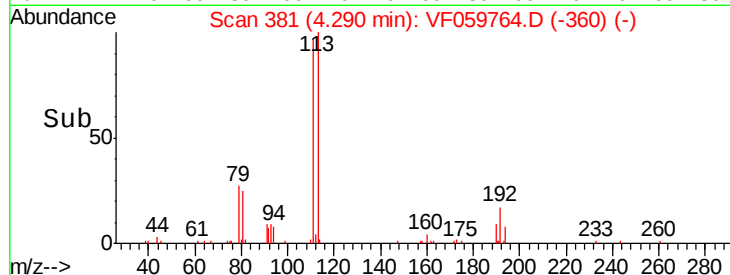
192 17.5 13.2 19.8



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: Below Cal

RT: 4.45 min Scan# 397

Delta R.T. -0.00 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

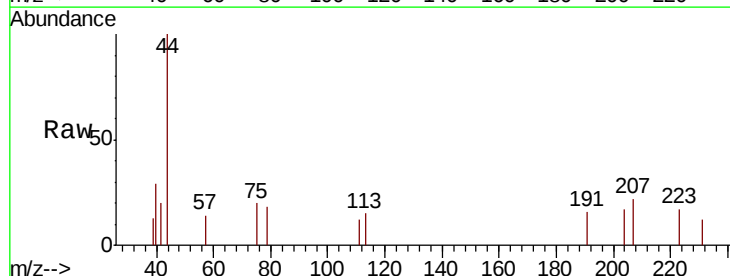
Tgt Ion: 75 Resp: 202

Ion Ratio Lower Upper

75 100

110 0.0 14.0 41.9#

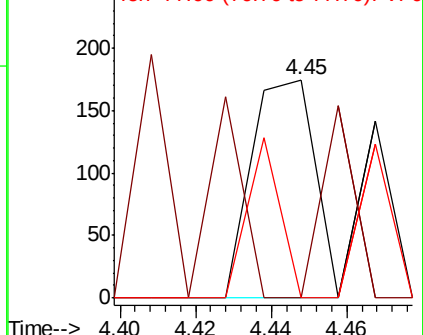
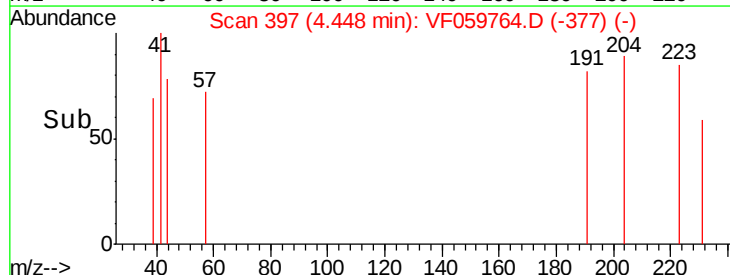
77 0.0 24.2 36.2#

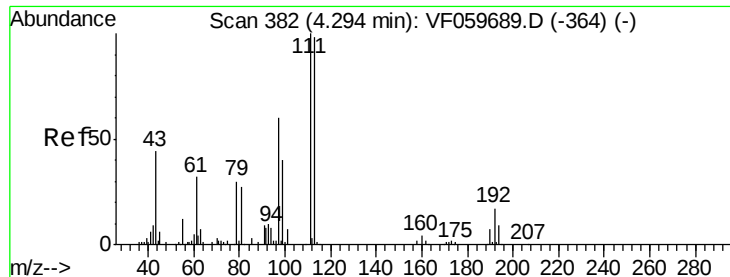


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.31 min Scan# 383

Delta R.T. 0.02 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-7

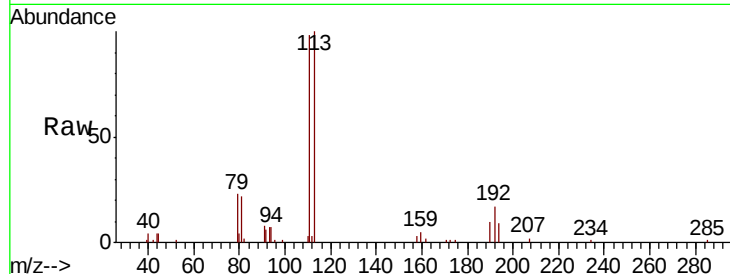
Tgt Ion: 43 Resp: 317

Ion Ratio Lower Upper

43 100

61 0.0 58.2 87.2#

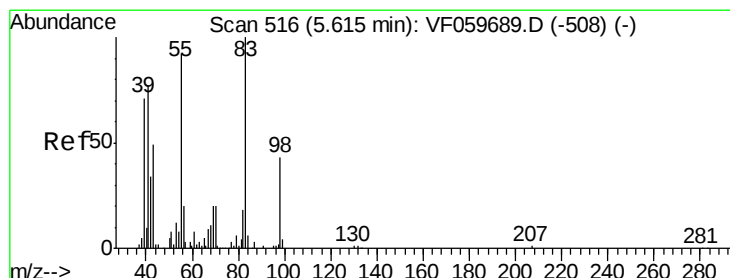
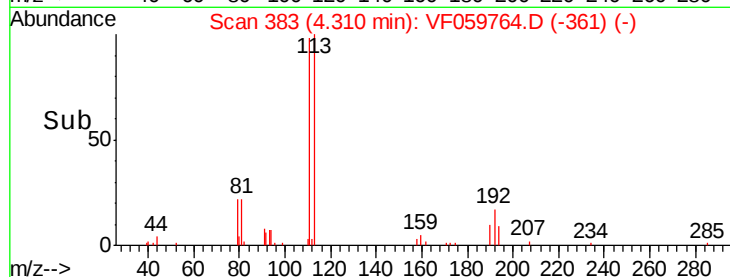
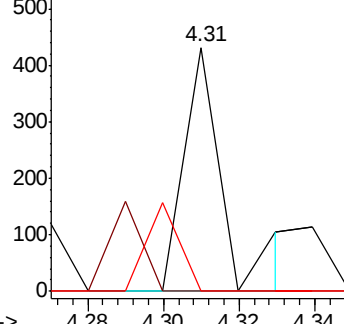
70 0.0 6.0 9.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#39

Methylcyclohexane

Concen: Below Cal

RT: 5.61 min Scan# 515

Delta R.T. -0.00 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

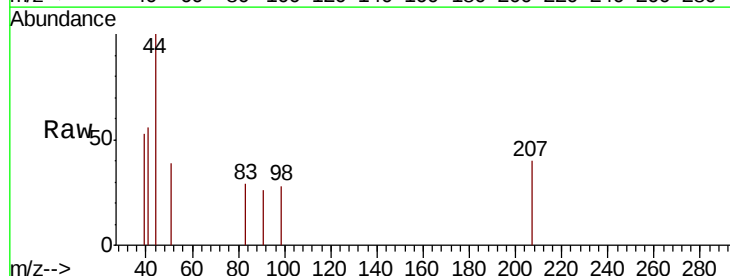
Tgt Ion: 83 Resp: 72

Ion Ratio Lower Upper

83 100

55 0.0 73.4 110.2#

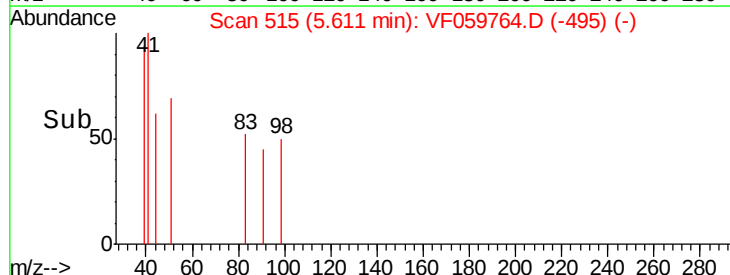
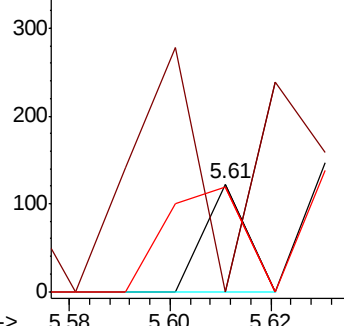
98 97.5 34.2 51.4#

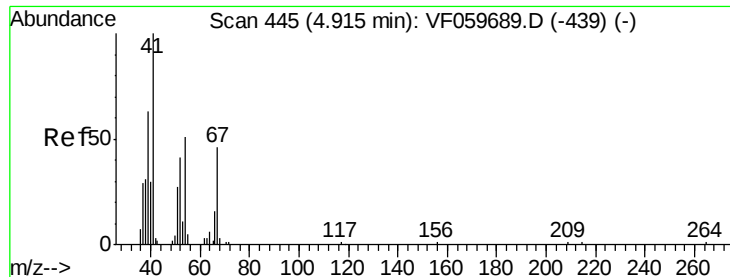


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#41

Methacrylonitrile

Concen: Below Cal

RT: 4.94 min Scan# 447

Delta R.T. 0.03 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-7

Tgt Ion: 41 Resp: 73

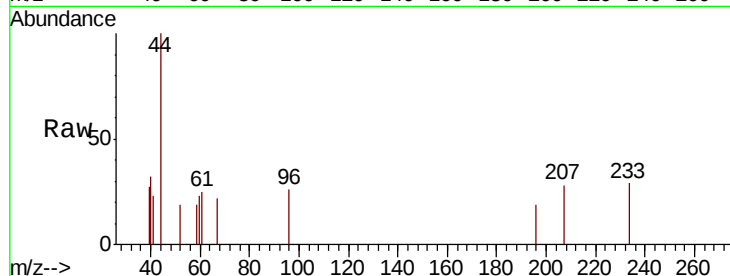
Ion Ratio Lower Upper

41 100

39 117.7 55.2 82.8#

67 96.8 36.2 54.2#

52 80.6 37.7 56.5#

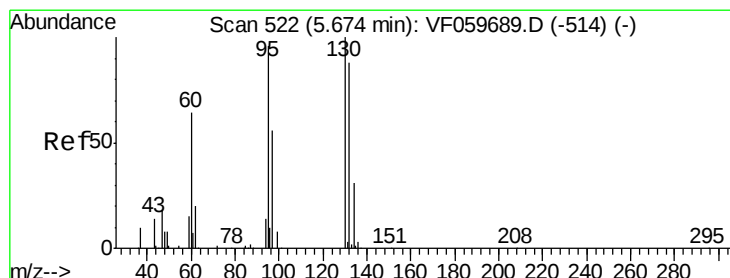
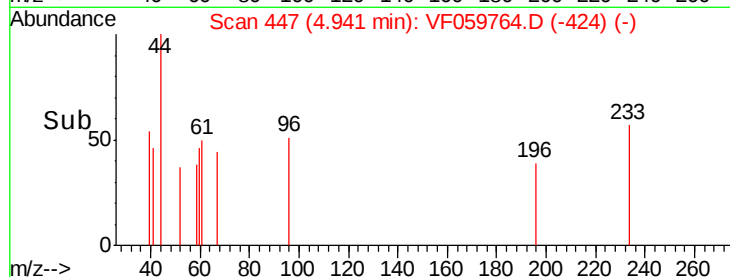
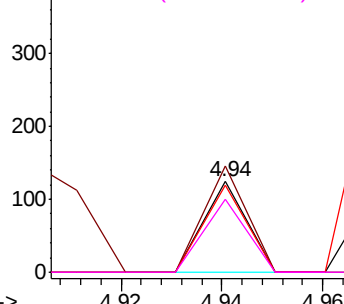


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#44

Trichloroethene

Concen: Below Cal

RT: 5.69 min Scan# 523

Delta R.T. 0.02 min

Lab File: VF059764.D

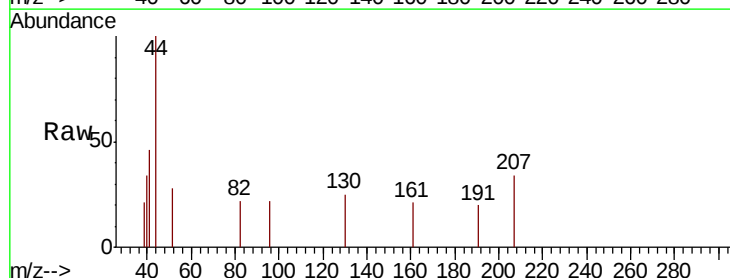
Acq: 1 Aug 2018 19:17

Tgt Ion: 130 Resp: 74

Ion Ratio Lower Upper

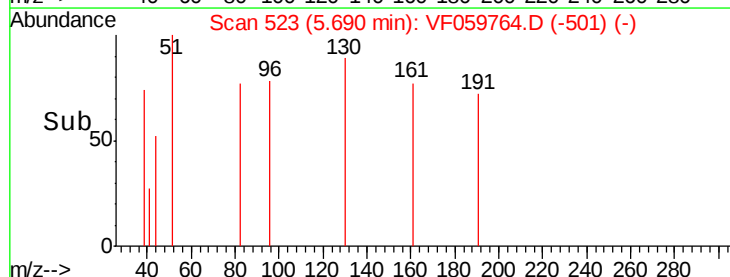
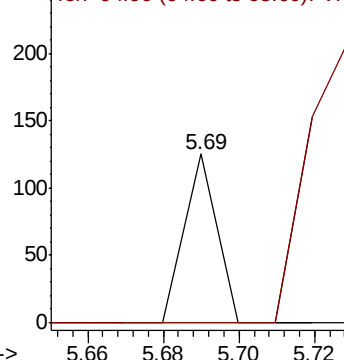
130 100

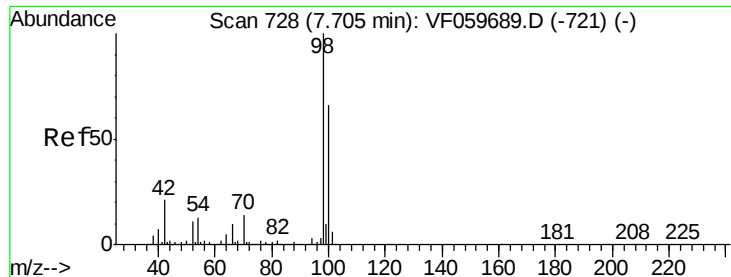
95 0.0 0.0 191.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0

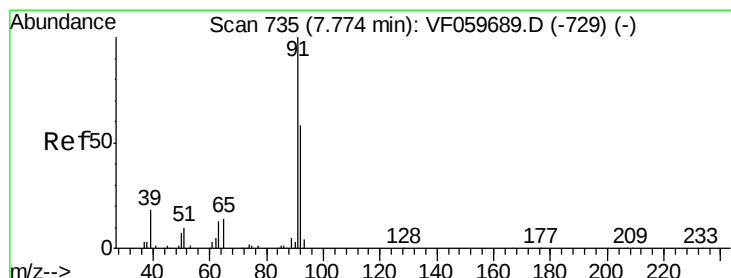
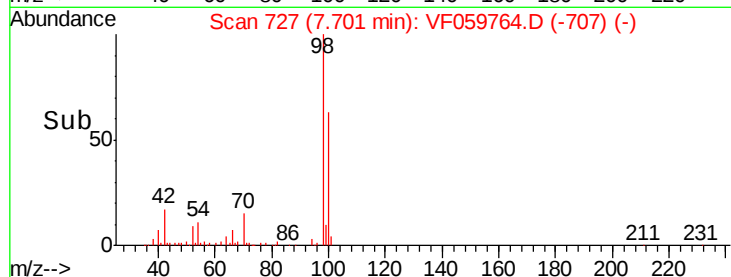
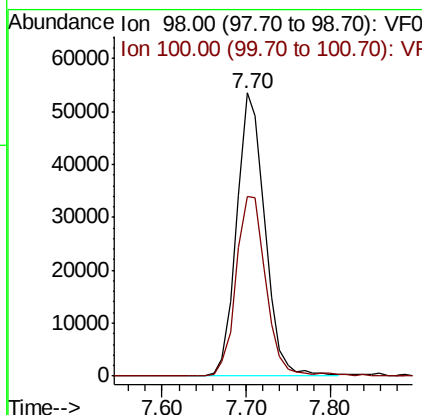
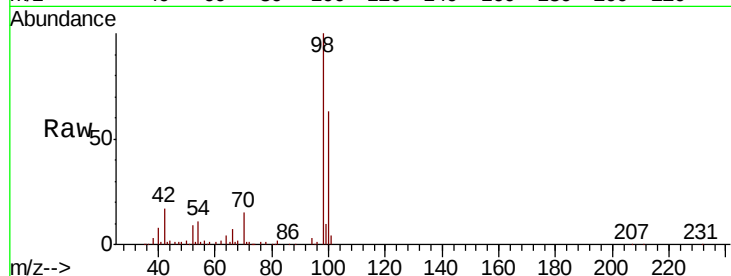




#50
Toluene-d8
Concen: 31.995 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

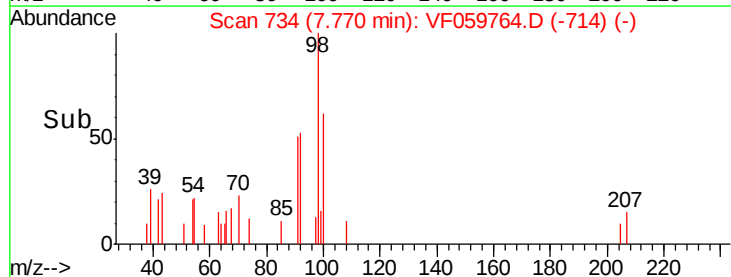
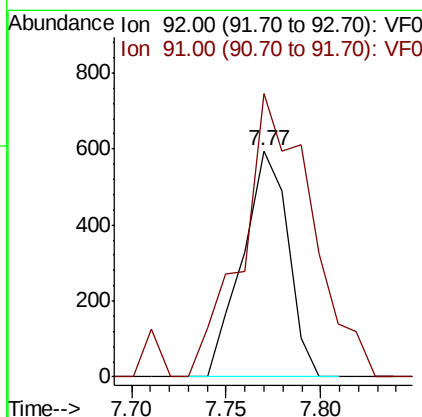
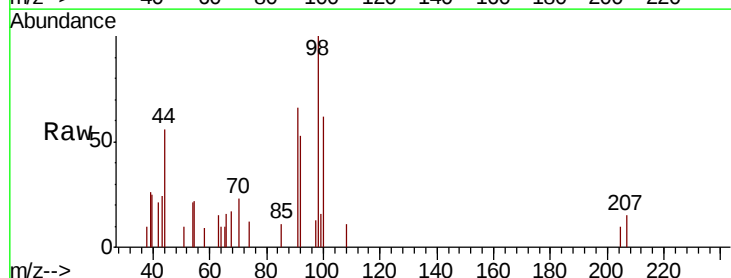
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7

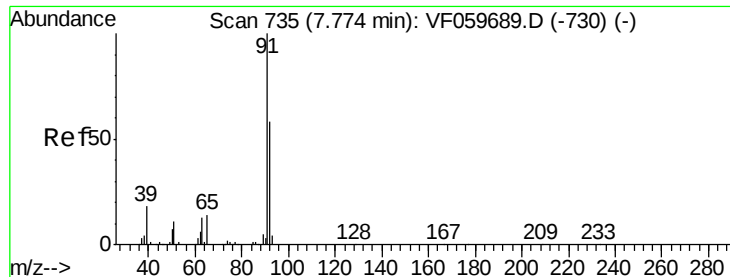
Tgt Ion: 98 Resp: 125018
Ion Ratio Lower Upper
98 100
100 63.4 52.8 79.2



#52
Toluene
Concen: Below Cal
RT: 7.77 min Scan# 734
Delta R.T. -0.00 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

Tgt Ion: 92 Resp: 997
Ion Ratio Lower Upper
92 100
91 125.2 139.0 208.4#





#58

2-Chloroethyl Vinyl ether

Concen: 4.499 ug/l

RT: 7.74 min Scan# 731

Delta R.T. -0.03 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

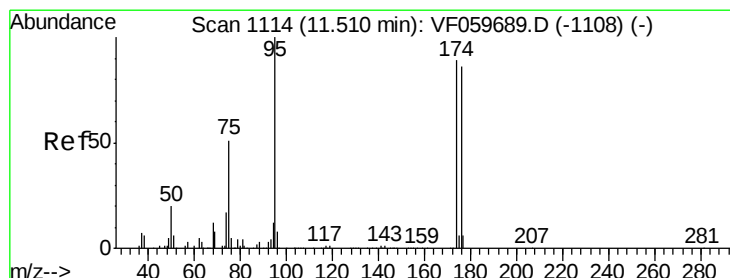
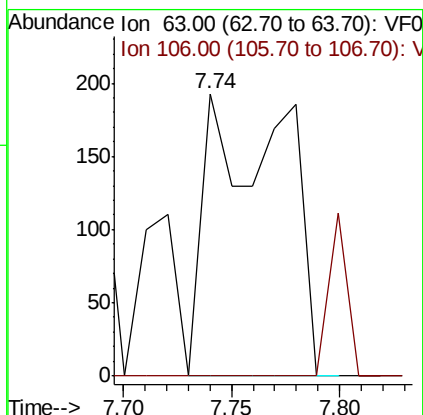
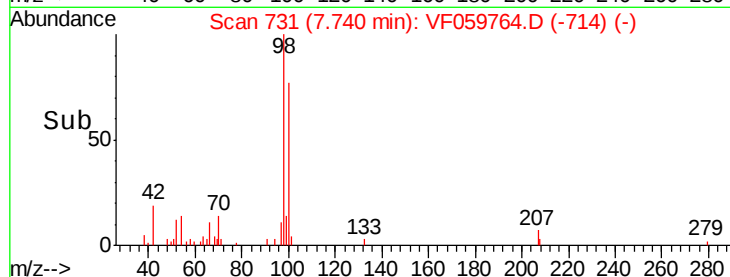
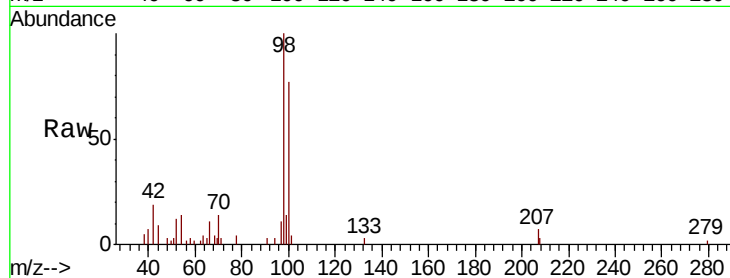
2018-NYSEG-CLARK-AREA-14-7

Tgt Ion: 63 Resp: 478

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



#62

4-Bromofluorobenzene

Concen: 21.462 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

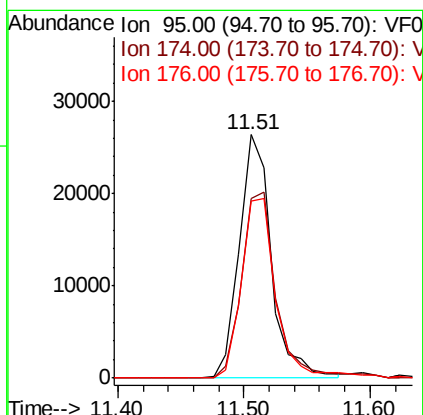
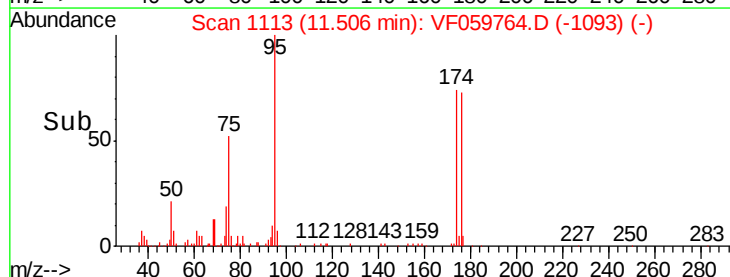
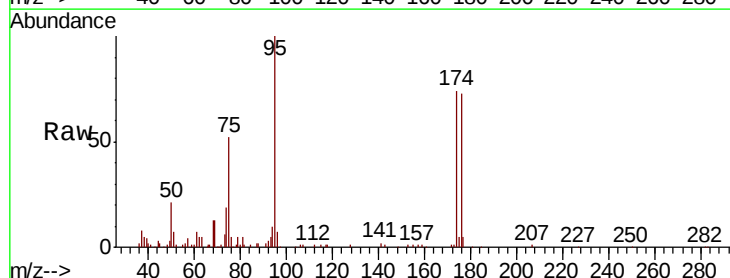
Tgt Ion: 95 Resp: 46427

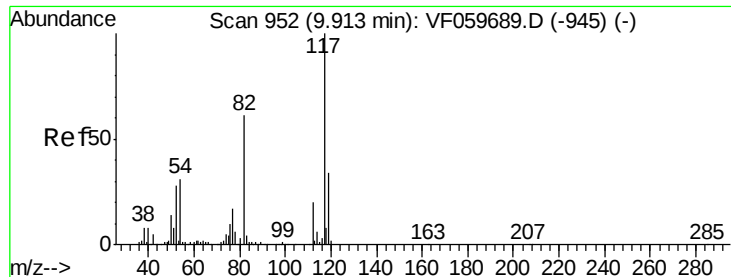
Ion Ratio Lower Upper

95 100

174 73.5 0.0 178.4

176 72.5 0.0 173.0

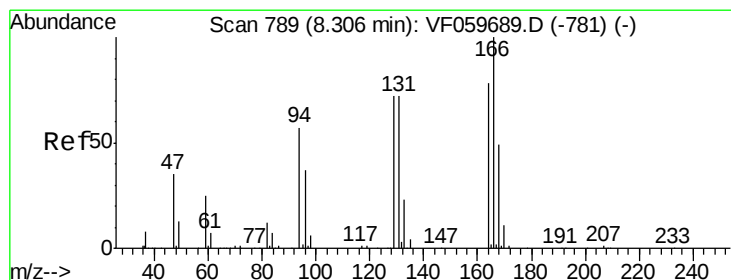
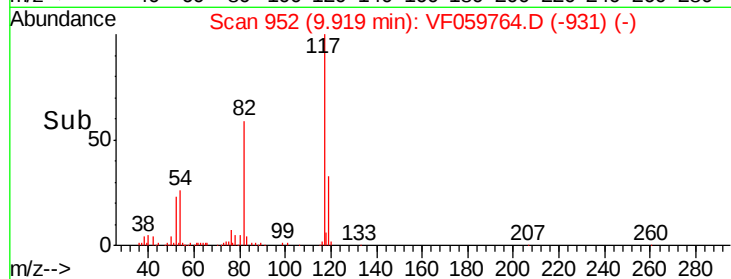
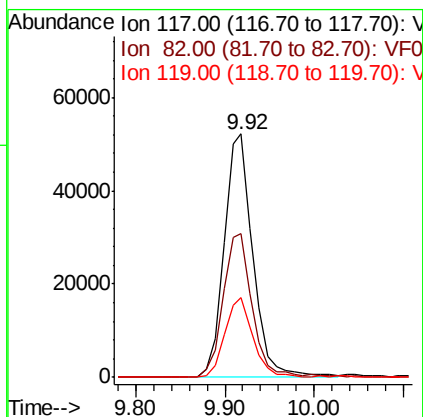
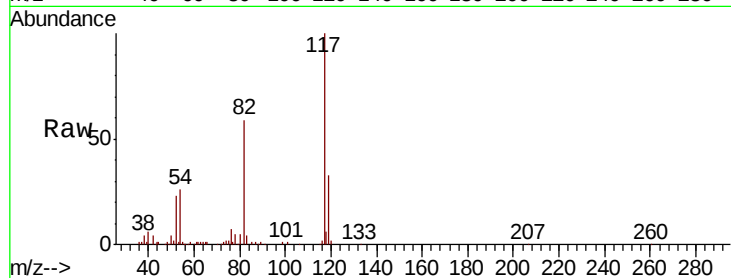




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

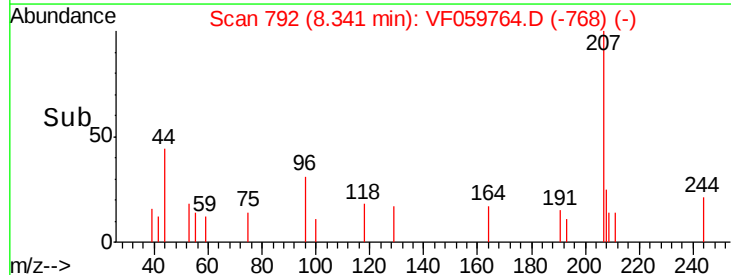
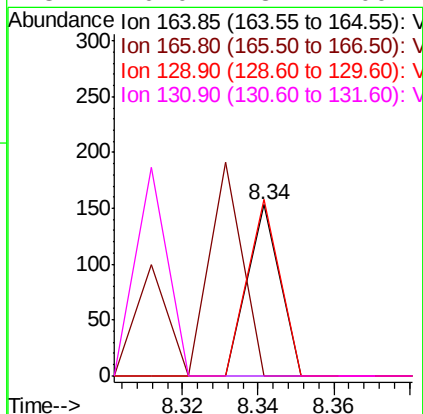
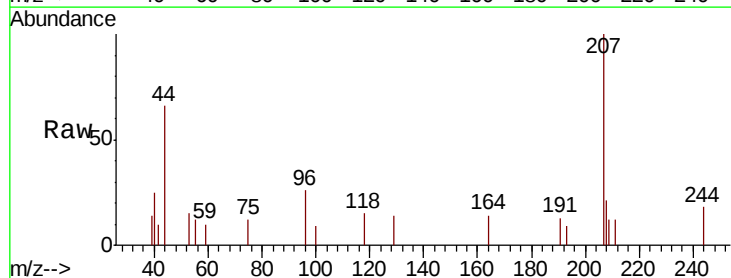
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7

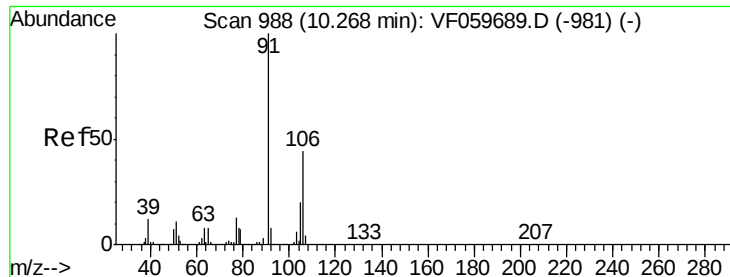
Tgt Ion:117 Resp: 119002
Ion Ratio Lower Upper
117 100
82 58.8 49.0 73.4
119 32.6 27.3 40.9



#64
Tetrachloroethene
Concen: Below Cal
RT: 8.34 min Scan# 792
Delta R.T. 0.04 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

Tgt Ion:164 Resp: 90
Ion Ratio Lower Upper
164 100
166 0.0 102.1 153.1#
129 103.3 73.8 110.6
131 0.0 73.1 109.7#





#68

m/p-Xylenes

Concen: Below Cal

RT: 10.27 min Scan# 988

Delta R.T. 0.01 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

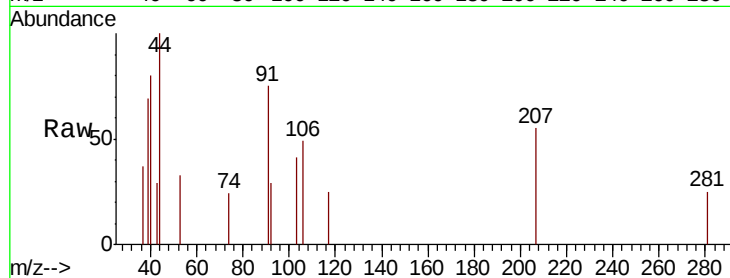
2018-NYSEG-CLARK-AREA-14-7

Tgt Ion:106 Resp: 371

Ion Ratio Lower Upper

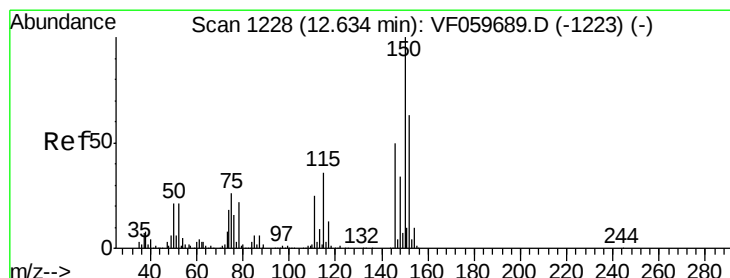
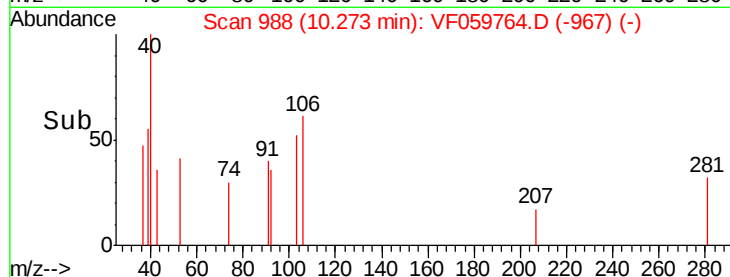
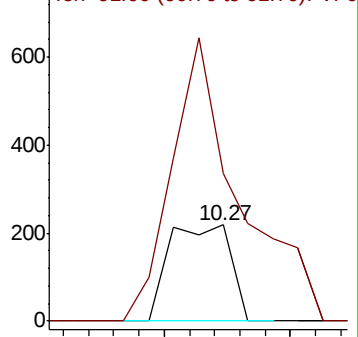
106 100

91 153.0 181.7 272.5#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

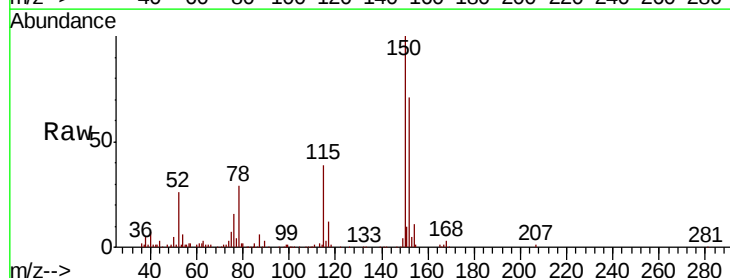
Tgt Ion:152 Resp: 52532

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.6

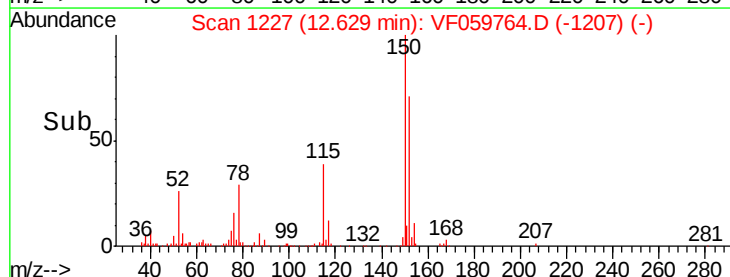
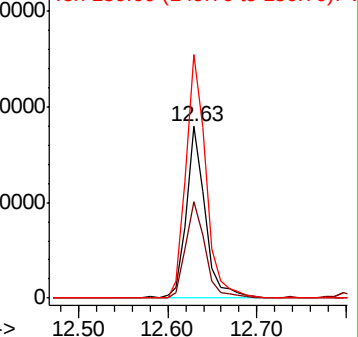
150 141.7 0.0 316.2

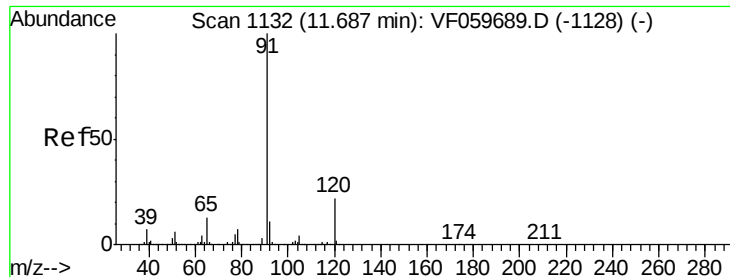


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

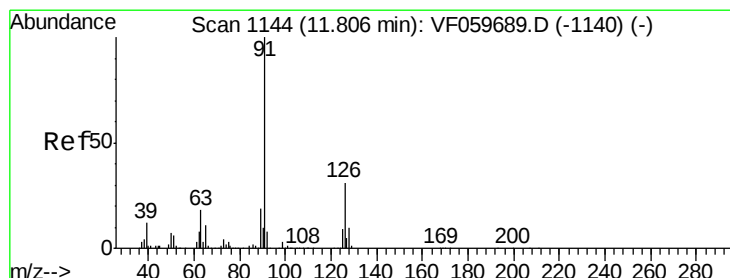
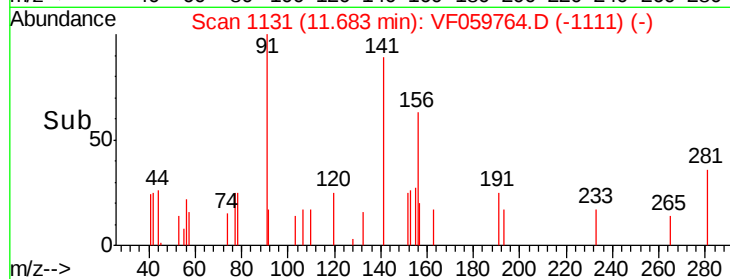
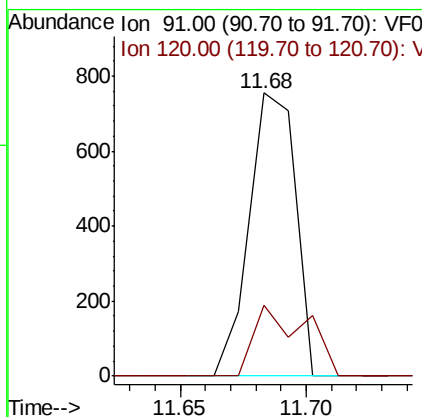
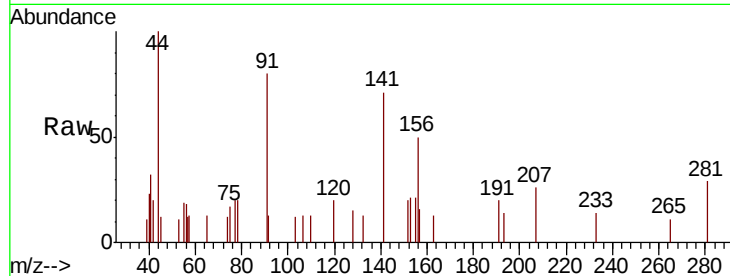




#78
n-propylbenzene
Concen: Below Cal
RT: 11.68 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

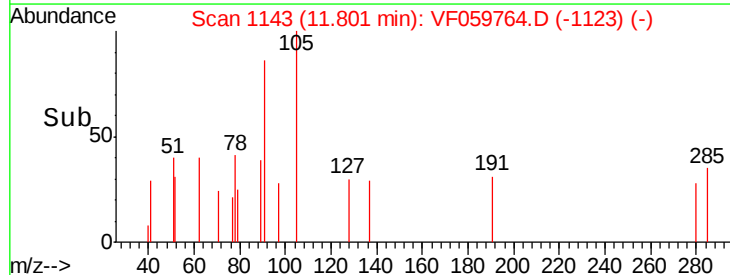
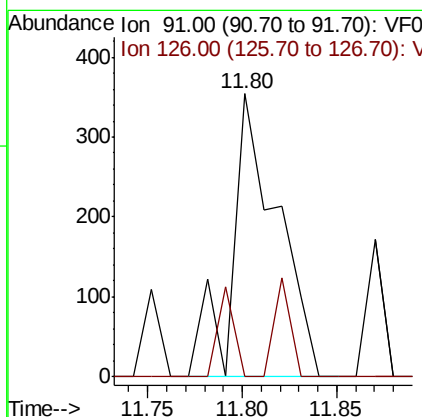
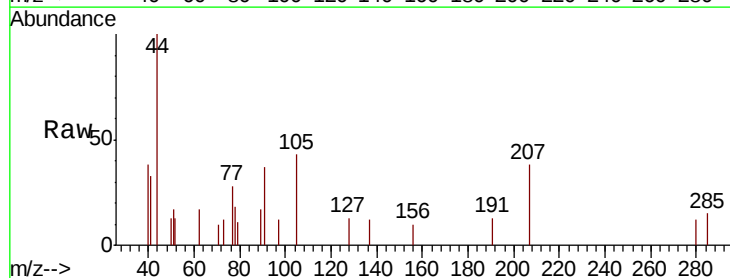
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7

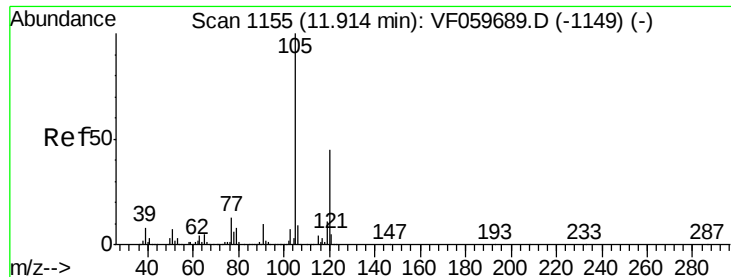
Tgt Ion: 91 Resp: 968
Ion Ratio Lower Upper
91 100
120 24.9 11.0 33.0



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.80 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

Tgt Ion: 91 Resp: 590
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 11.91 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

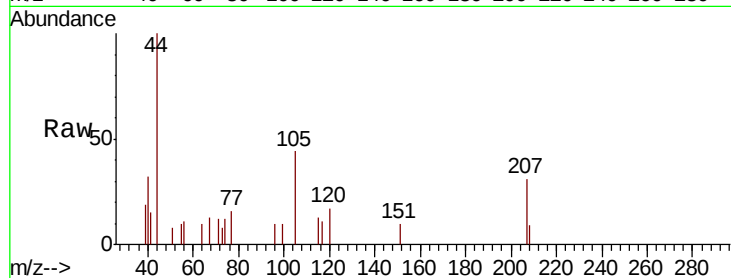
2018-NYSEG-CLARK-AREA-14-7

Tgt Ion: 105 Resp: 1060

Ion Ratio Lower Upper

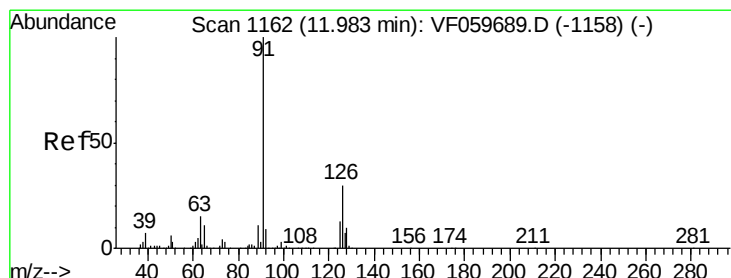
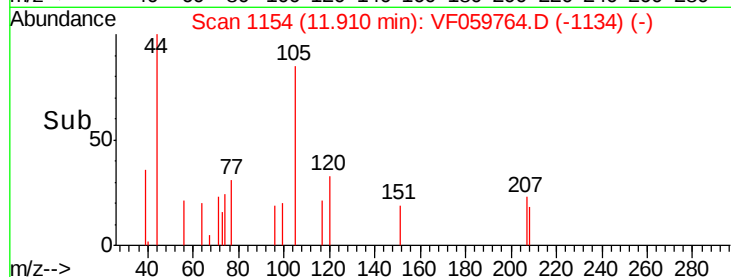
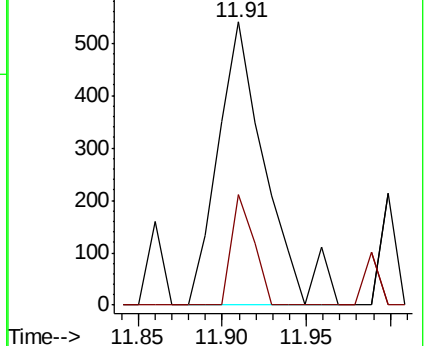
105 100

120 39.3 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

4-Chlorotoluene

Concen: Below Cal

RT: 11.99 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VF059764.D

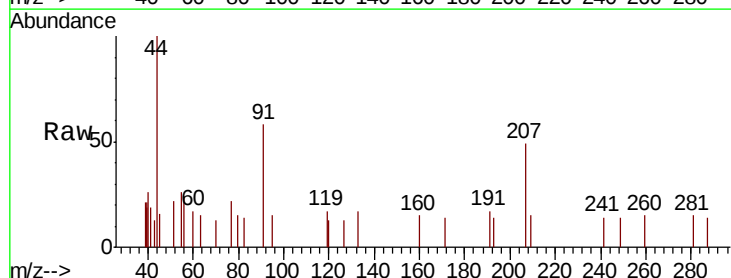
Acq: 1 Aug 2018 19:17

Tgt Ion: 91 Resp: 616

Ion Ratio Lower Upper

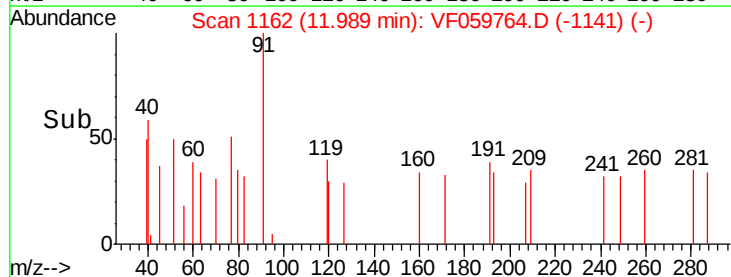
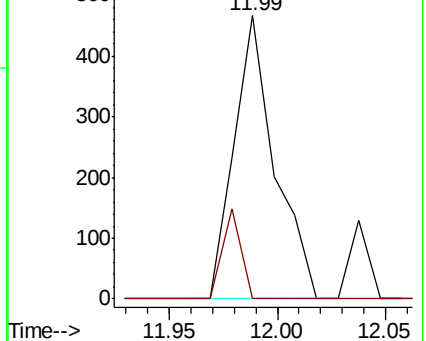
91 100

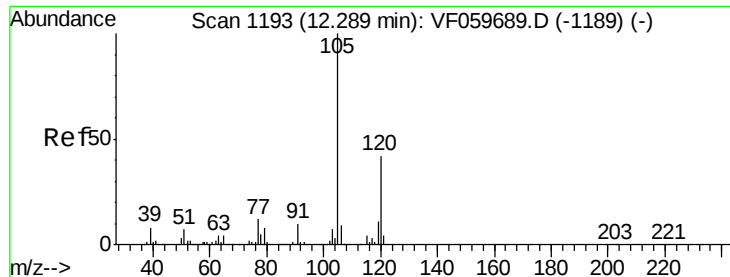
126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

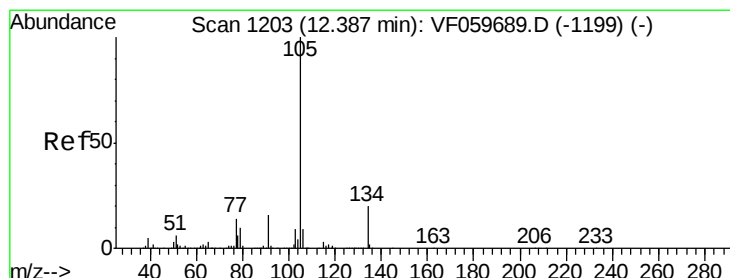
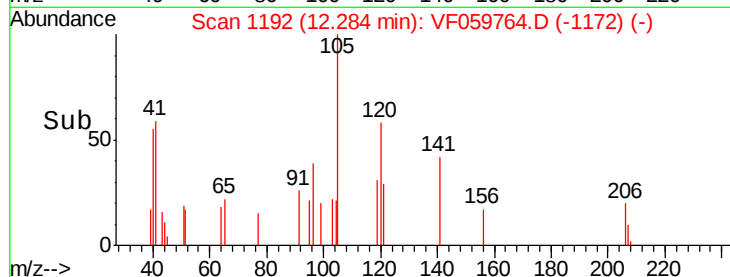
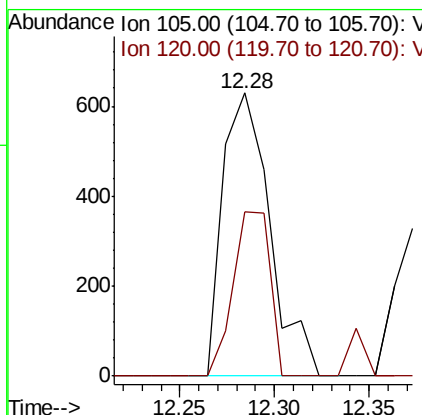
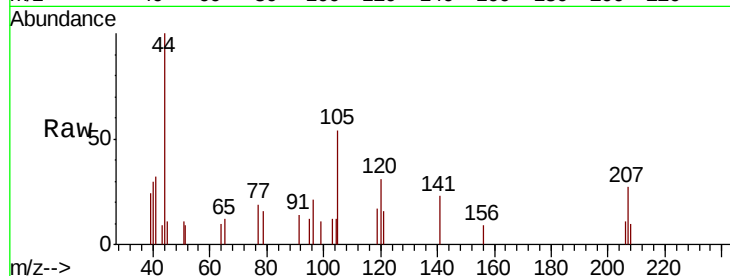




#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 12.28 min Scan# 1192
Delta R.T. -0.00 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

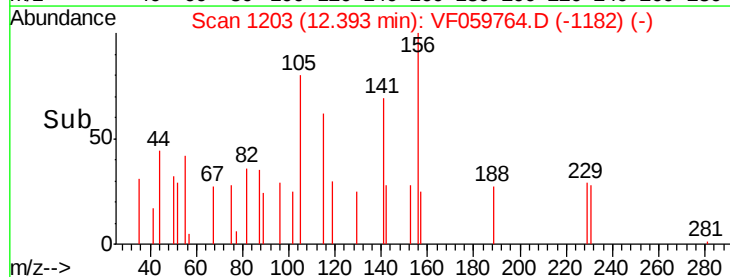
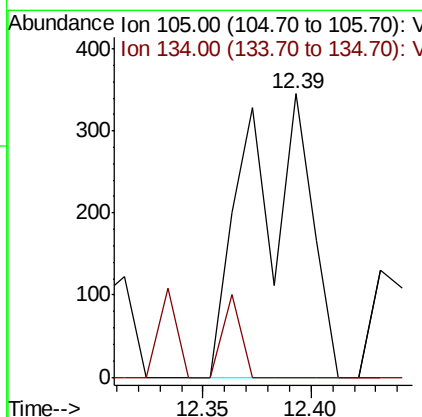
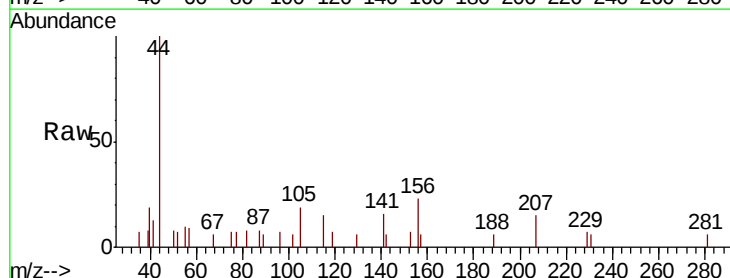
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7

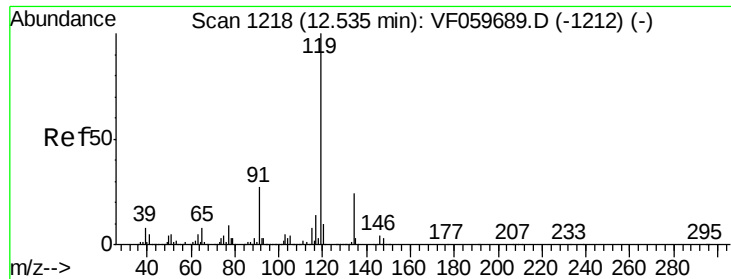
Tgt Ion:105 Resp: 1082
Ion Ratio Lower Upper
105 100
120 57.9 21.1 63.3



#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.39 min Scan# 1203
Delta R.T. 0.01 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

Tgt Ion:105 Resp: 680
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

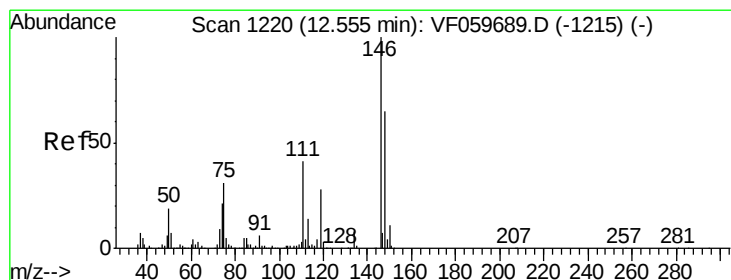
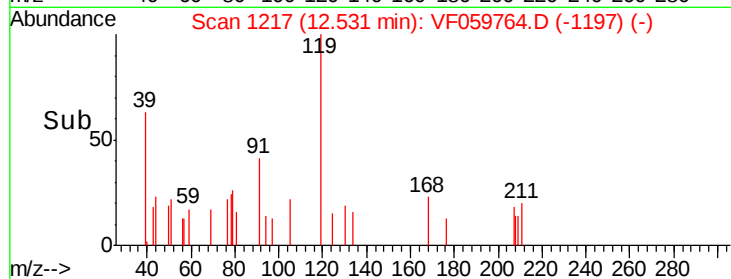
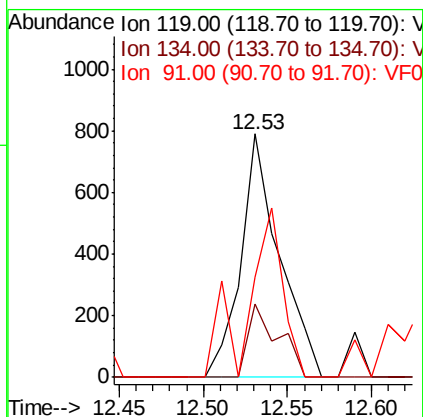
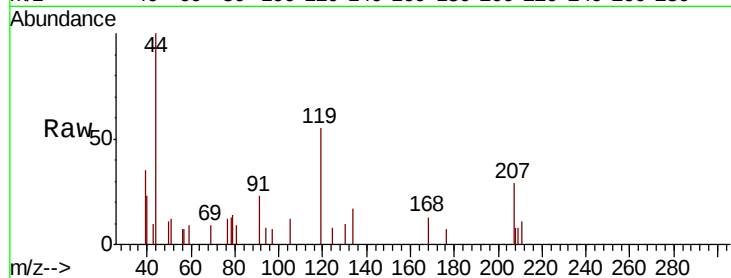




#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.53 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

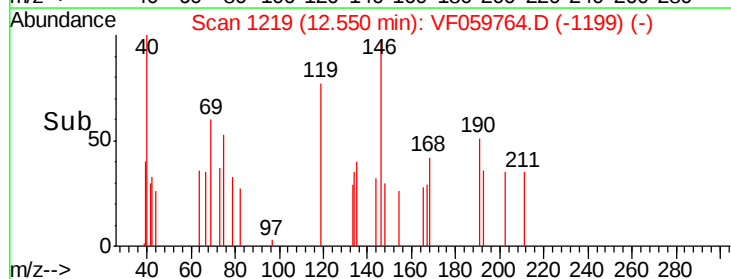
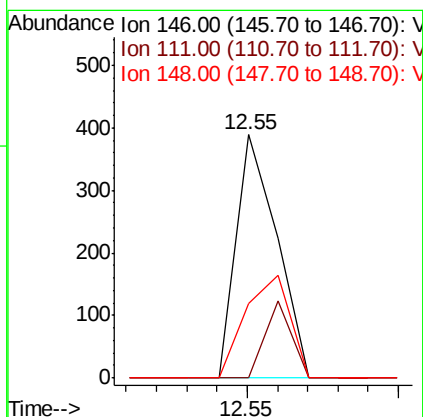
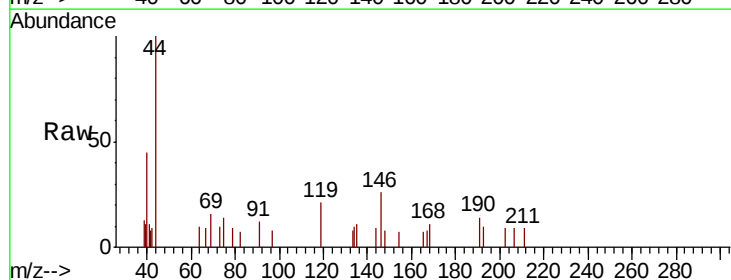
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7

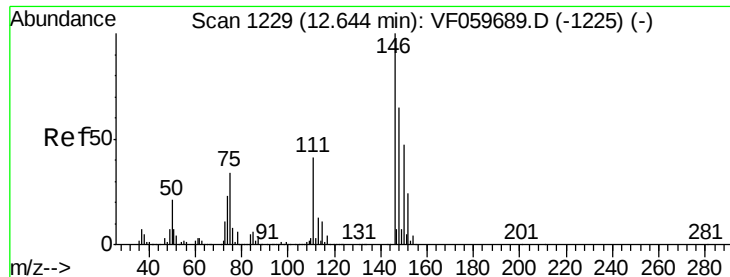
Tgt Ion	Ratio	Lower	Upper
119	100		
134	30.3	12.2	36.6
91	41.1	13.4	40.2#



#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.55 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.7	62.1#
148	30.6	32.3	96.8#

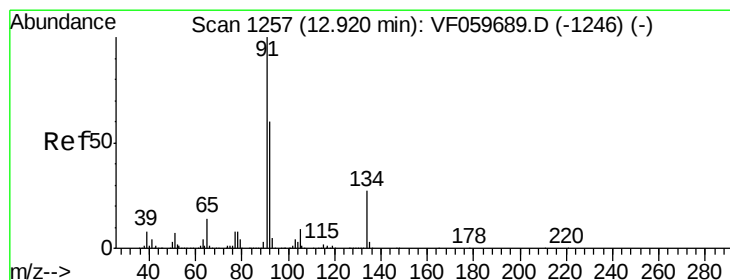
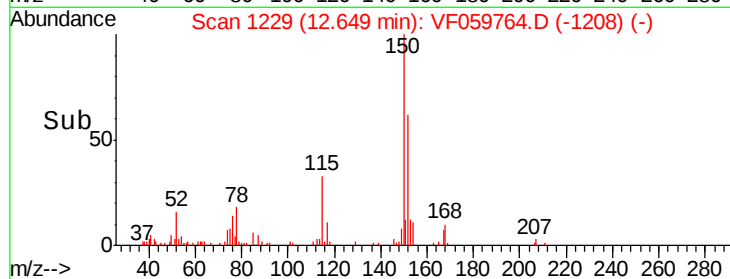
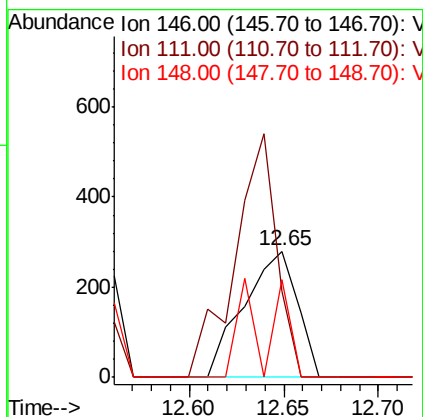
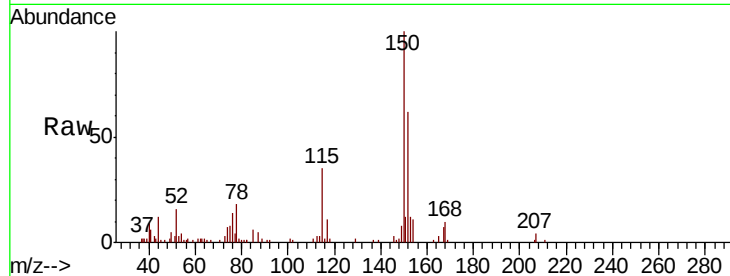




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VF059764.D
 Acq: 1 Aug 2018 19:17

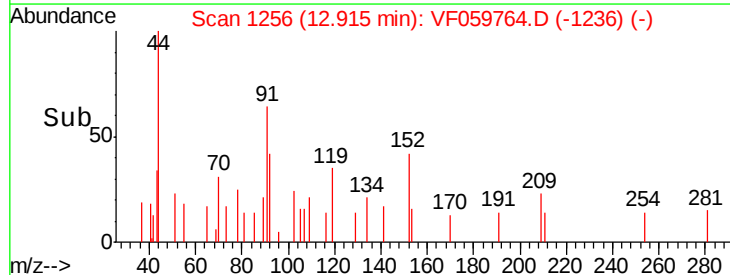
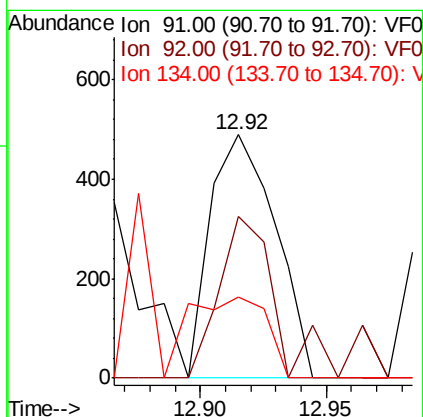
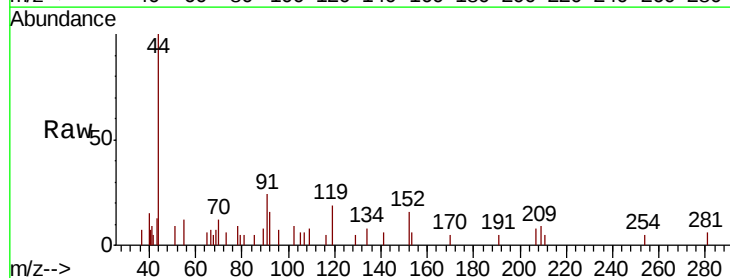
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-7

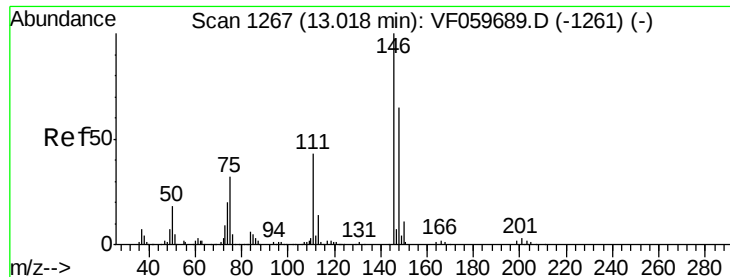
Tgt Ion: 146 Resp: 552
 Ion Ratio Lower Upper
 146 100
 111 67.9 20.8 62.2#
 148 77.5 32.3 96.9



#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 12.92 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VF059764.D
 Acq: 1 Aug 2018 19:17

Tgt Ion: 91 Resp: 882
 Ion Ratio Lower Upper
 91 100
 92 66.1 30.1 90.3
 134 33.3 13.7 41.0





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.02 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-7

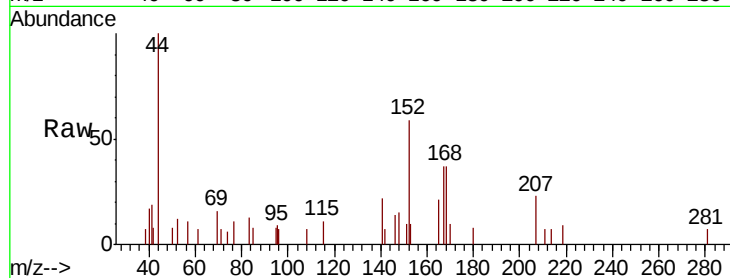
Tgt Ion:146 Resp: 209

Ion Ratio Lower Upper

146 100

111 0.0 21.6 65.0#

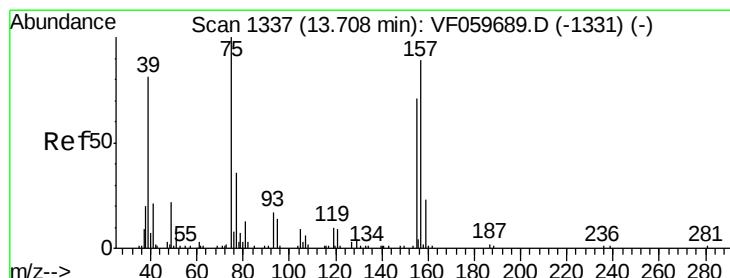
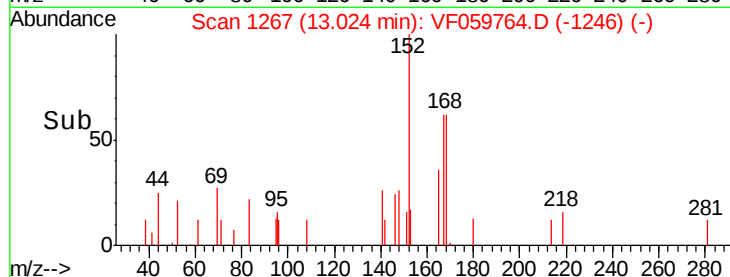
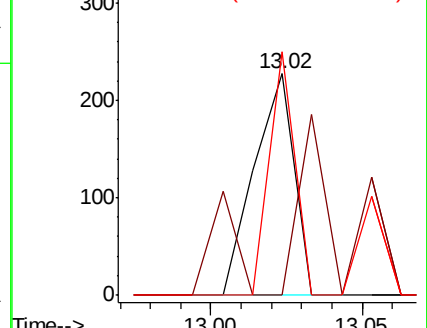
148 110.1 32.3 96.9#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.034 ug/l

RT: 13.72 min Scan# 1338

Delta R.T. 0.02 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

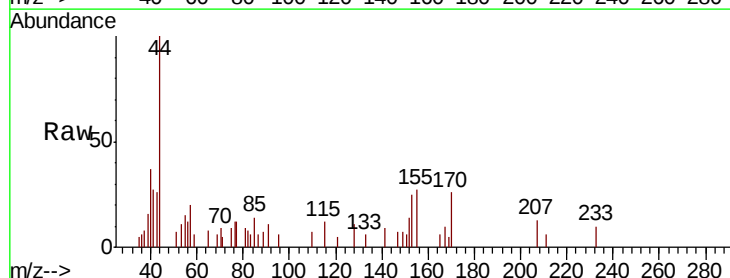
Tgt Ion: 75 Resp: 164

Ion Ratio Lower Upper

75 100

155 304.1 35.4 106.2#

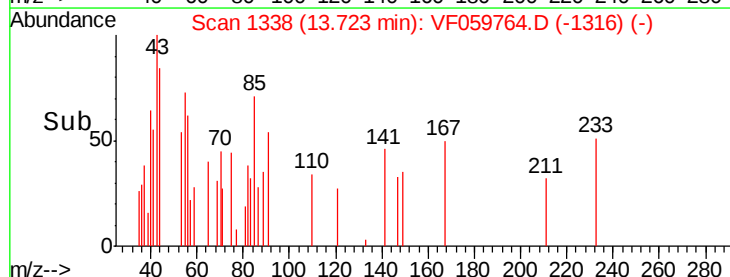
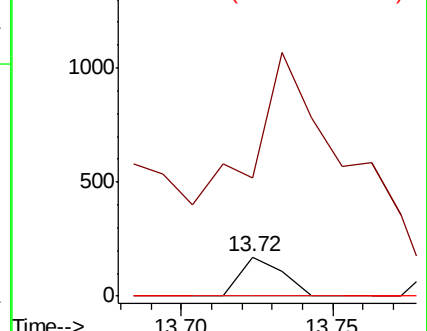
157 0.0 44.4 133.2#

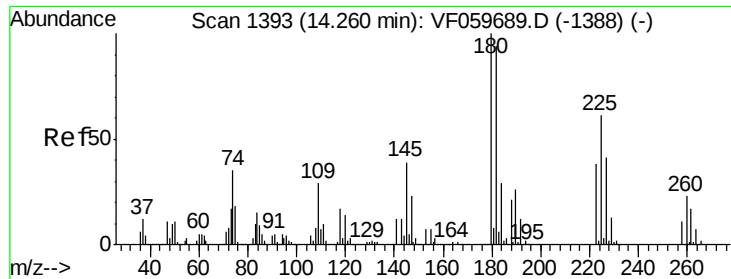


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

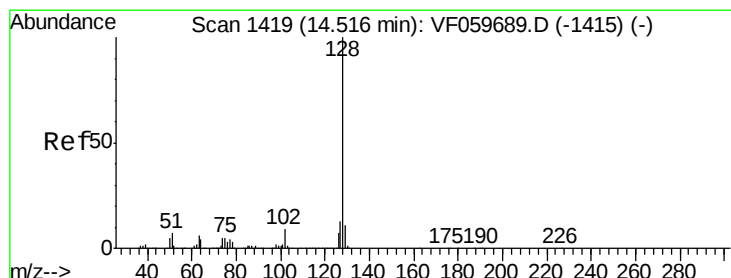
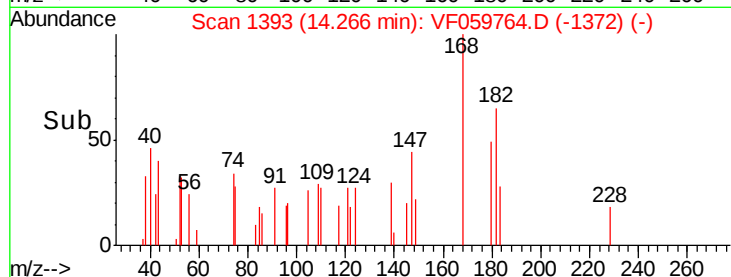
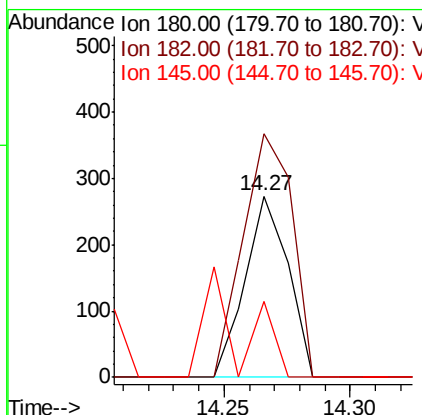
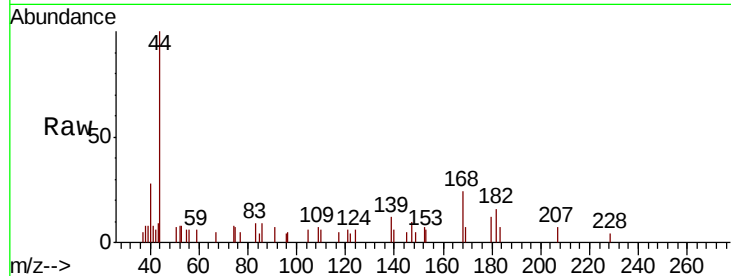




#93
 1,2,4-Trichlorobenzene
 Concen: Below Cal
 RT: 14.27 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: VF059764.D
 Acq: 1 Aug 2018 19:17

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-7

Tgt Ion:180 Resp: 325
 Ion Ratio Lower Upper
 180 100
 182 134.4 47.2 141.6
 145 41.8 19.3 57.9



#95
 Naphthalene
 Concen: 15.483 ug/l
 RT: 14.52 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: VF059764.D
 Acq: 1 Aug 2018 19:17

Tgt Ion:128 Resp: 35067
 Ion Ratio Lower Upper
 128 100
 127 10.9 10.0 15.0
 129 12.5 8.6 13.0

