

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
 Data File : VF059763.D
 Acq On : 1 Aug 2018 18:50
 Operator : VA/AP
 Sample : J4231-11
 Misc : 5.01g/5mL/MSVOA_F/SOIL
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-6

Quant Time: Aug 02 05:30:43 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	5.04	168	227061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	339526	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	289894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	160853	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	155113	38.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.02%	
35) Dibromofluoromethane	4.28	113	135892	38.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.06%	
50) Toluene-d8	7.70	98	283531	34.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.96%	
62) 4-Bromofluorobenzene	11.51	95	137681	30.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.48%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.00	85	74	Below Cal	# 44
3) Chloromethane	1.10	50	1392	Below Cal	# 77
4) Vinyl Chloride	1.23	62	133	Below Cal	# 47
5) Bromomethane	1.35	94	492	Below Cal	# 4
6) Chloroethane	1.41	64	331	Below Cal	# 35
8) Diethyl Ether	1.70	74	3167	4.368 ug/l	81
10) Methyl Iodide	1.86	142	69	Below Cal	# 20
13) Acrolein	2.22	56	335	19.702 ug/l	91
15) Acrylonitrile	3.07	53	283	1.136 ug/l #	82
16) Acetone	2.34	43	8809	12.001 ug/l	98
17) Carbon Disulfide	1.88	76	6372	Below Cal	# 83
18) Methyl Acetate	2.48	43	3296	Below Cal	# 64
20) Methylene Chloride	2.32	84	6030	Below Cal	95
21) trans-1,2-Dichloroethene	2.44	96	184	Below Cal	# 1
25) 2-Butanone	4.53	43	1490	1.819 ug/l #	74
28) Bromochloromethane	3.87	49	138	Below Cal	# 15
29) Tetrahydrofuran	4.26	42	554	1.760 ug/l #	39
31) Cyclohexane	3.86	56	71	Below Cal	# 15
36) 1,1-Dichloropropene	4.44	75	221	Below Cal	# 32
37) Ethyl Acetate	4.28	43	225	Below Cal	# 19
39) Methylcyclohexane	5.64	83	220	Below Cal	# 64
41) Methacrylonitrile	4.91	41	208	Below Cal	# 24
44) Trichloroethene	5.71	130	89	Below Cal	2
49) 1,4-Dioxane	6.91	88	67	Below Cal	# 21
52) Toluene	7.77	92	1861	Below Cal	83
58) 2-Chloroethyl Vinyl ether	7.77	63	831	3.716 ug/l	100
64) Tetrachloroethene	8.29	164	67	Below Cal	# 1
67) Ethyl Benzene	10.04	91	26513	2.642 ug/l	91
68) m/p-Xylenes	10.26	106	2378	Below Cal	80
78) n-propylbenzene	11.68	91	3596	Below Cal	96
79) 2-Chlorotoluene	11.81	91	3647	Below Cal	# 44
80) 1,3,5-Trimethylbenzene	11.91	105	7889	Below Cal	100
82) 4-Chlorotoluene	11.98	91	724	Below Cal	# 44
84) 1,2,4-Trimethylbenzene	12.28	105	9696	Below Cal	97

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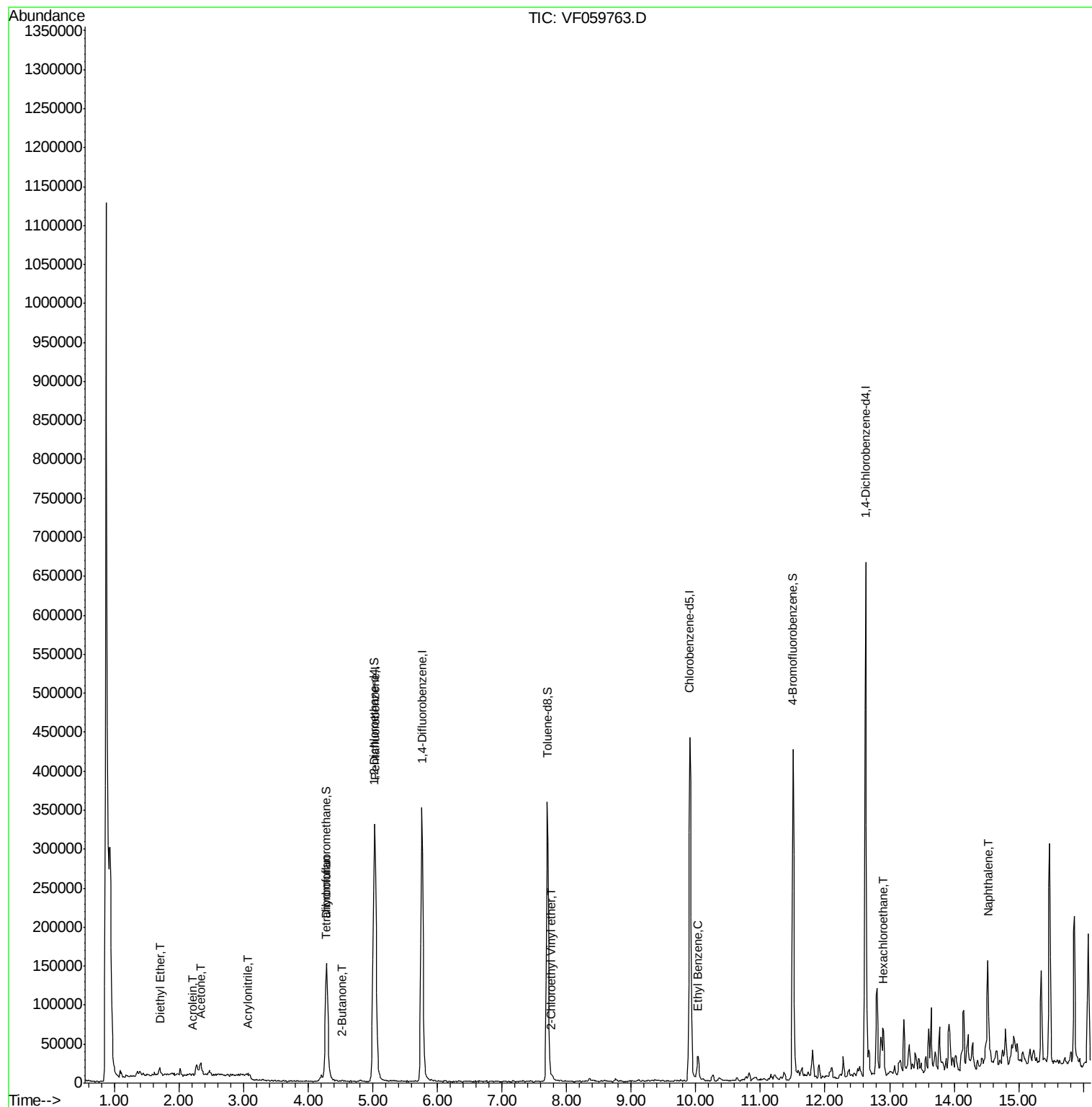
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	12.38	105	1322	Below Cal	#	38
86) p-Isopropyltoluene	12.53	119	10404	Below Cal		95
87) 1,3-Dichlorobenzene	12.54	146	72	Below Cal	#	1
88) 1,4-Dichlorobenzene	12.65	146	964	Below Cal	#	41
89) n-Butylbenzene	12.90	91	14435	Below Cal	#	1
90) Hexachloroethane	12.90	117	3472	1.304 ug/l	#	18
91) 1,2-Dichlorobenzene	13.01	146	317	Below Cal	#	33
93) 1,2,4-Trichlorobenzene	14.27	180	465	Below Cal	#	28
95) Naphthalene	14.52	128	80723	11.640 ug/l	#	97

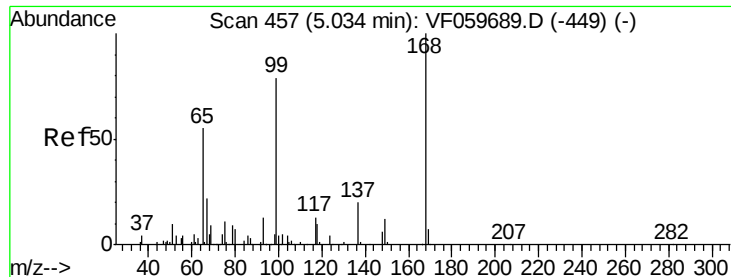
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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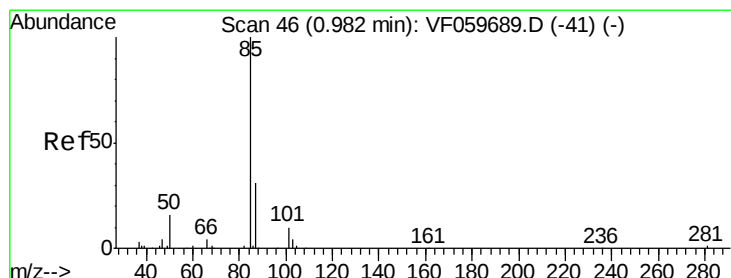
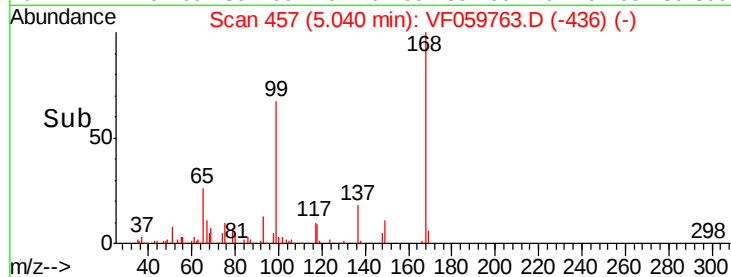
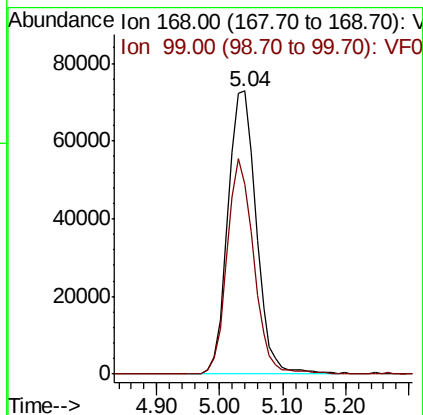
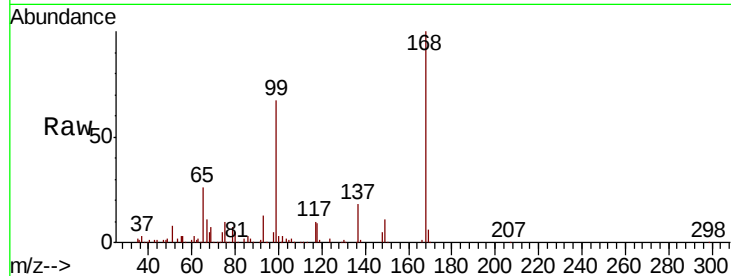


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. 0.01 min
 Lab File: VF059763.D
 Acq: 1 Aug 2018 18:50

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-6

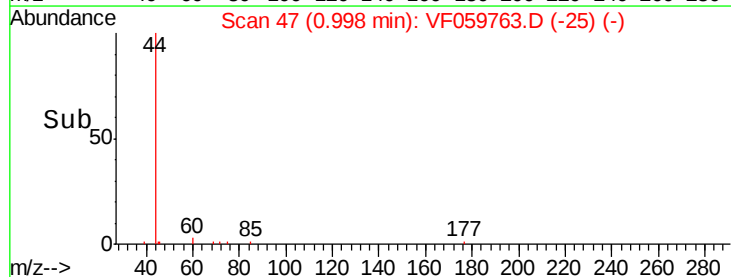
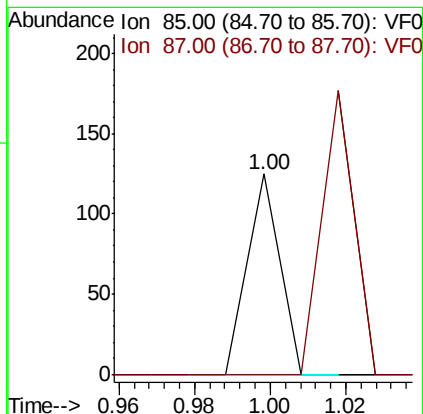
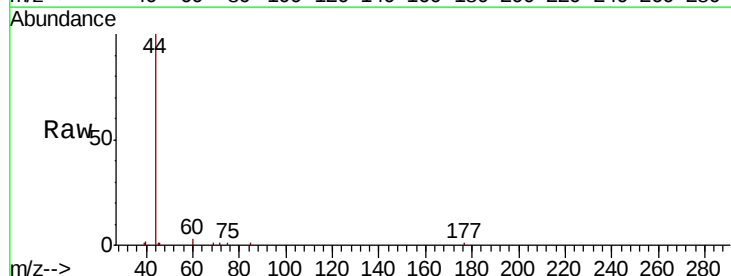
Tgt Ion: 168 Resp: 227061
 Ion Ratio Lower Upper
 168 100
 99 67.0 63.3 94.9

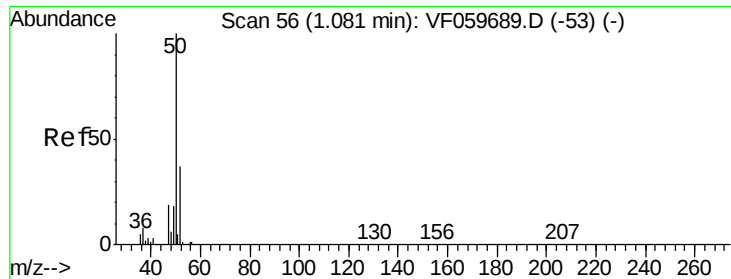


#2

Dichlorodifluoromethane
 Concen: Below Cal
 RT: 1.00 min Scan# 47
 Delta R.T. 0.02 min
 Lab File: VF059763.D
 Acq: 1 Aug 2018 18:50

Tgt Ion: 85 Resp: 74
 Ion Ratio Lower Upper
 85 100
 87 0.0 15.3 45.8#





#3

Chloromethane

Concen: Below Cal

RT: 1.10 min Scan# 57

Delta R.T. 0.02 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

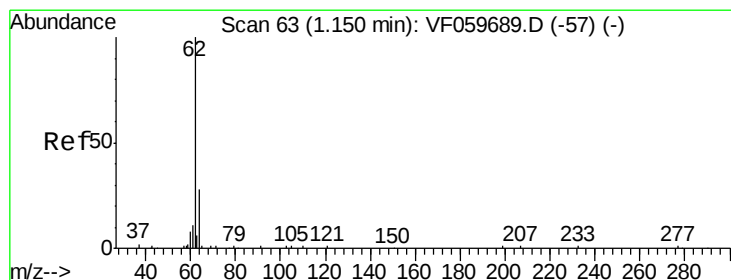
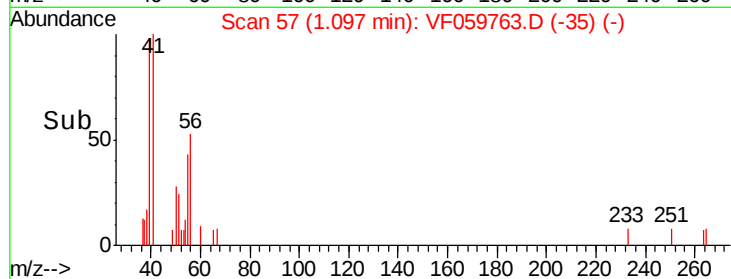
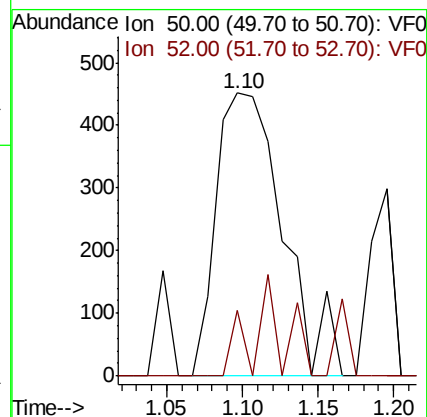
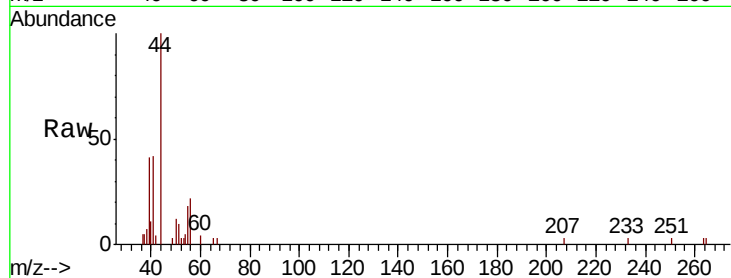
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion: 50 Resp: 1392

Ion Ratio Lower Upper

50 100

52 23.0 29.1 43.7#



#4

Vinyl Chloride

Concen: Below Cal

RT: 1.23 min Scan# 71

Delta R.T. 0.09 min

Lab File: VF059763.D

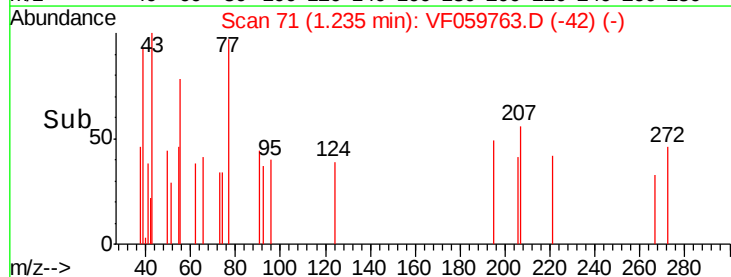
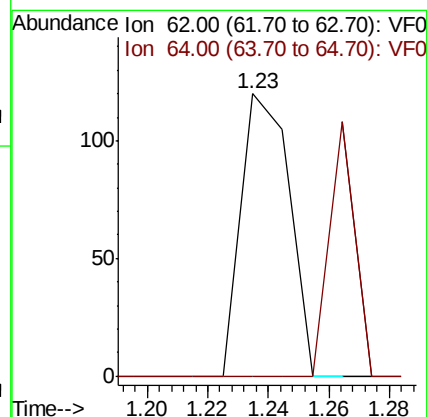
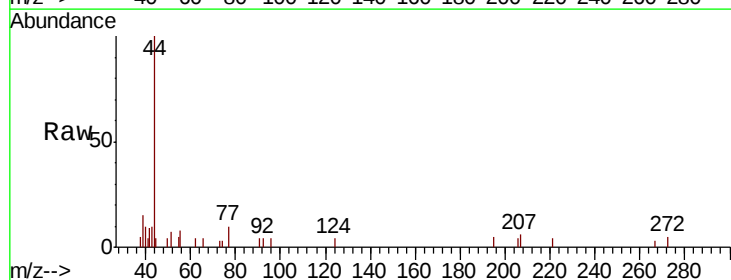
Acq: 1 Aug 2018 18:50

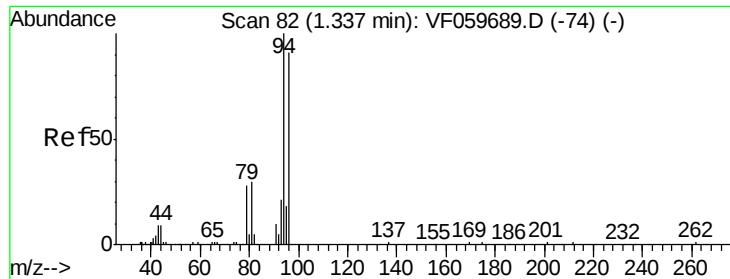
Tgt Ion: 62 Resp: 133

Ion Ratio Lower Upper

62 100

64 0.0 22.6 33.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.35 min Scan# 83

Delta R.T. 0.02 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

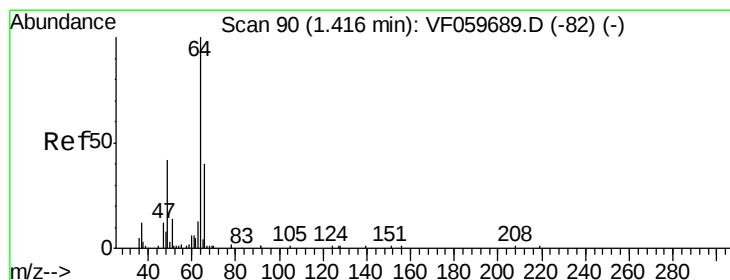
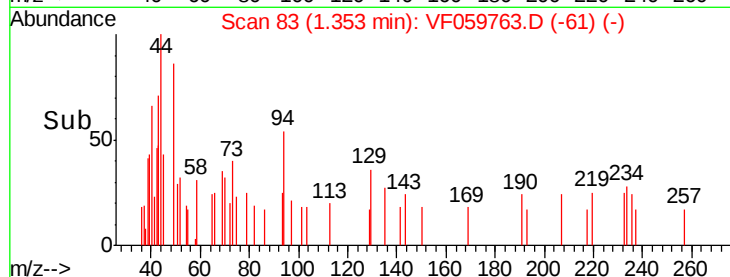
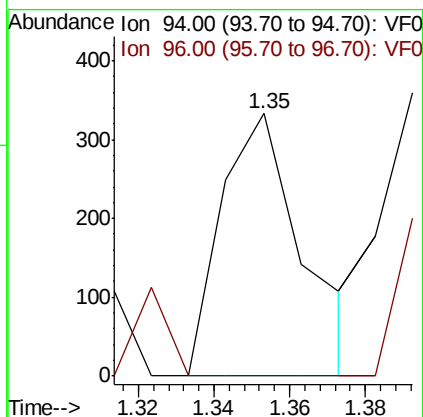
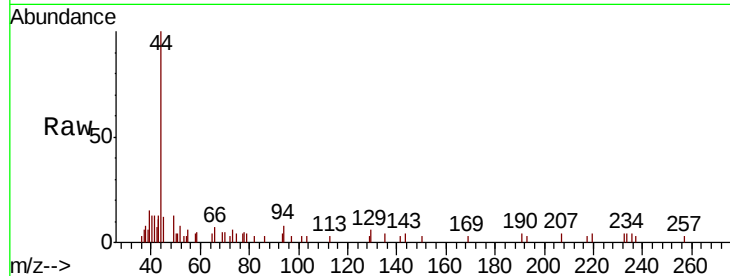
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion: 94 Resp: 492

Ion Ratio Lower Upper

94 100

96 0.0 73.6 110.4#



#6

Chloroethane

Concen: Below Cal

RT: 1.41 min Scan# 89

Delta R.T. -0.00 min

Lab File: VF059763.D

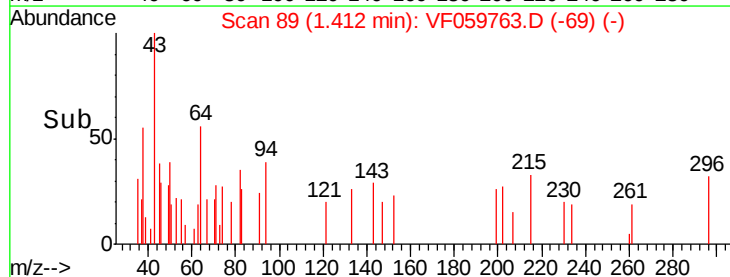
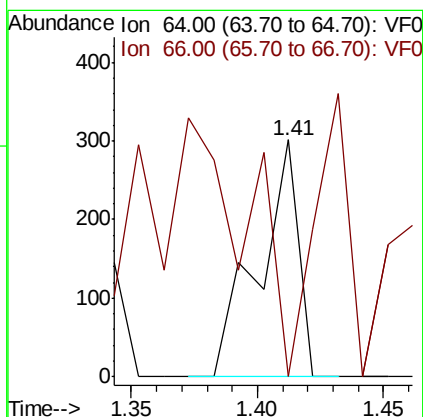
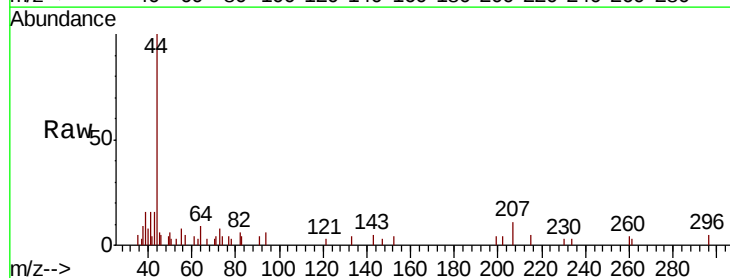
Acq: 1 Aug 2018 18:50

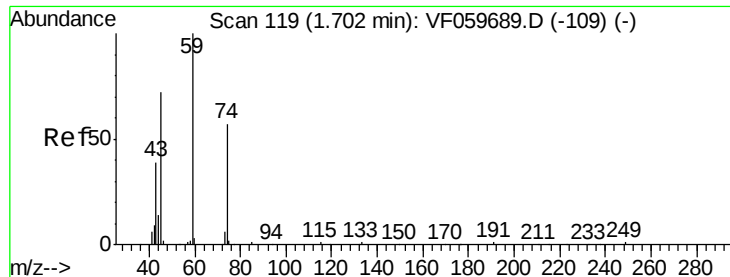
Tgt Ion: 64 Resp: 331

Ion Ratio Lower Upper

64 100

66 0.0 32.6 49.0#





#8

Diethyl Ether

Concen: 4.368 ug/l

RT: 1.70 min Scan# 118

Delta R.T. -0.00 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

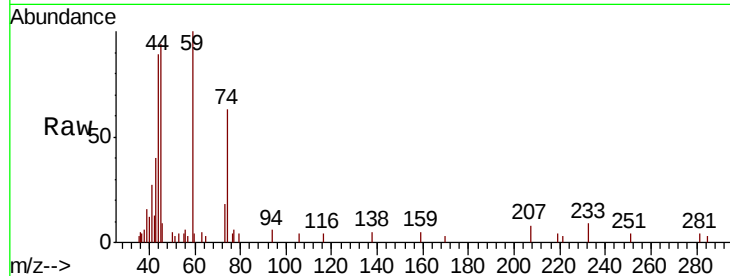
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion: 74 Resp: 3167

Ion Ratio Lower Upper

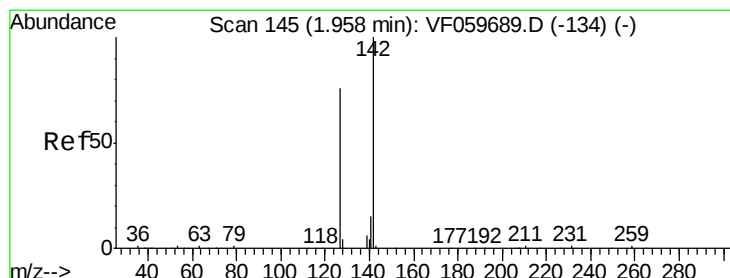
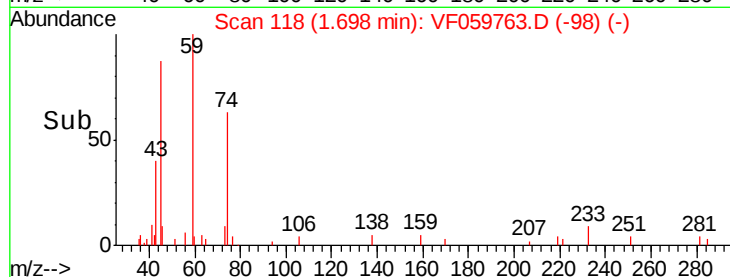
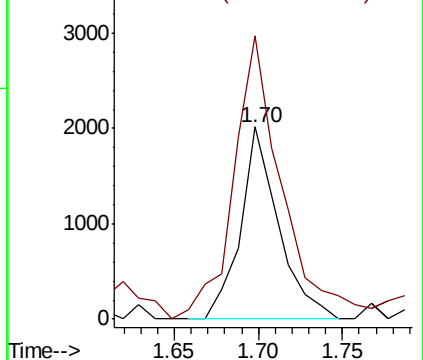
74 100

45 147.5 62.7 188.2



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



#10

Methyl Iodide

Concen: Below Cal

RT: 1.86 min Scan# 134

Delta R.T. -0.10 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

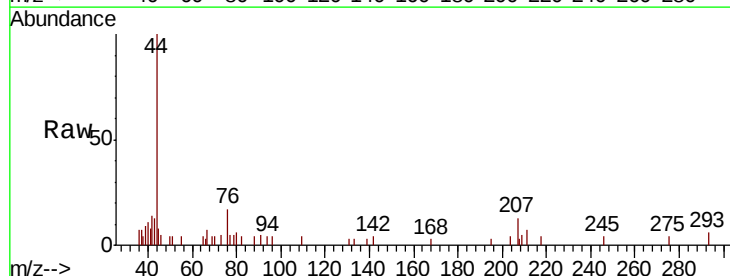
Tgt Ion: 142 Resp: 69

Ion Ratio Lower Upper

142 100

127 0.0 60.6 91.0#

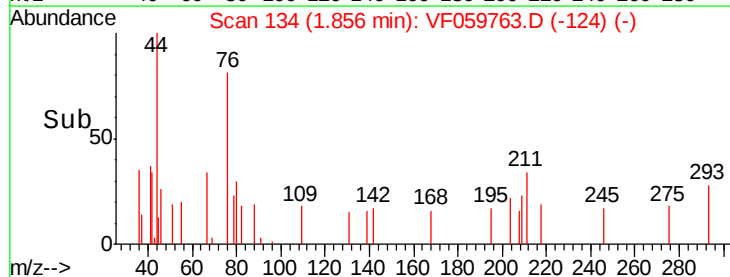
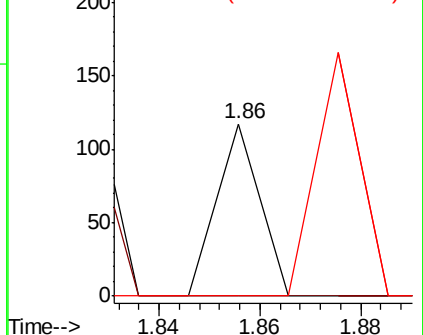
141 0.0 12.0 18.0#

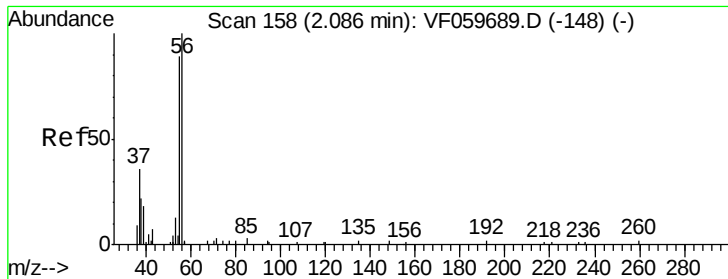


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#13

Acrolein

Concen: 19.702 ug/l

RT: 2.22 min Scan# 171

Delta R.T. 0.13 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

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ClientSampleId :

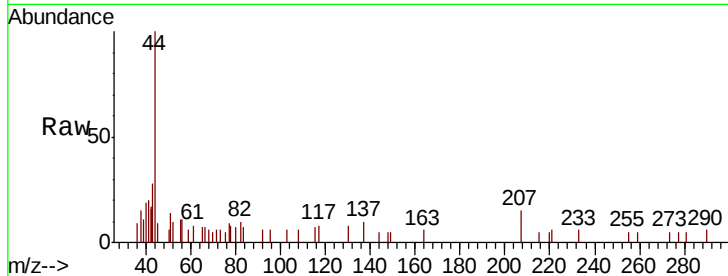
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion: 56 Resp: 335

Ion Ratio Lower Upper

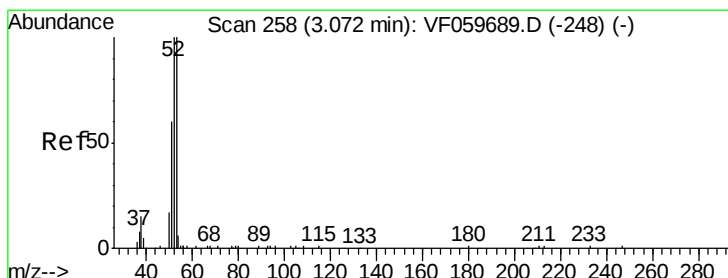
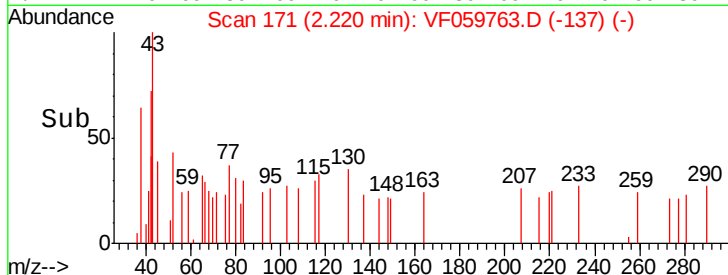
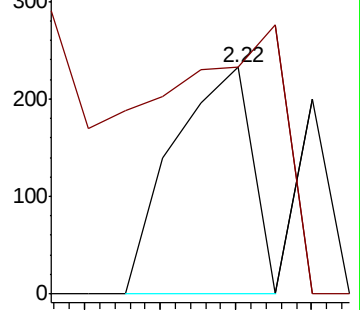
56 100

55 100.0 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: 1.136 ug/l

RT: 3.07 min Scan# 257

Delta R.T. -0.00 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

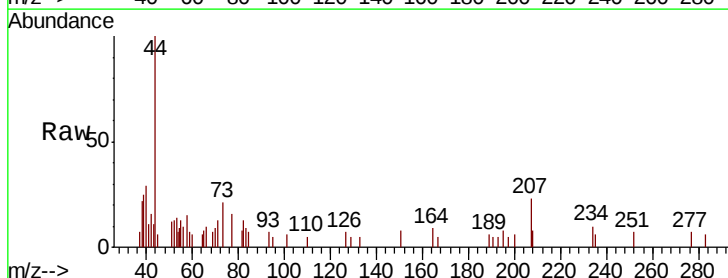
Tgt Ion: 53 Resp: 283

Ion Ratio Lower Upper

53 100

52 92.4 80.3 120.5

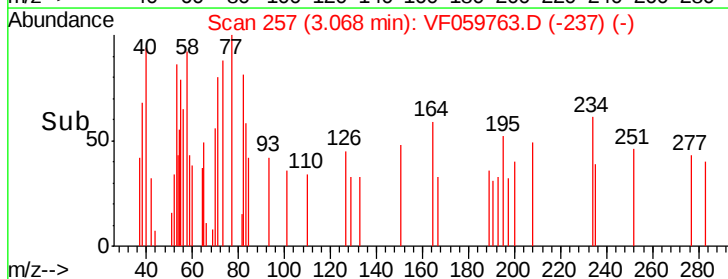
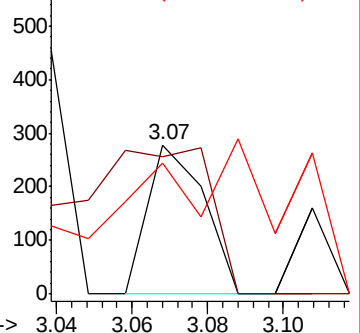
51 87.8 49.4 74.0#

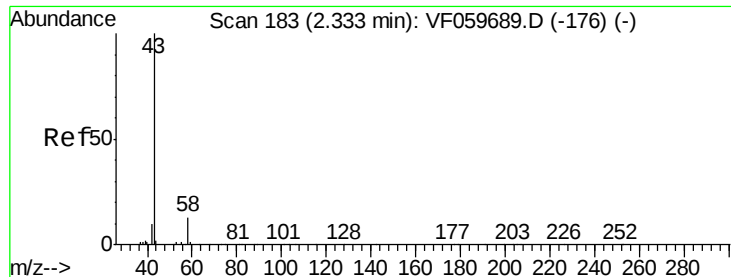


Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0





#16

Acetone

Concen: 12.001 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

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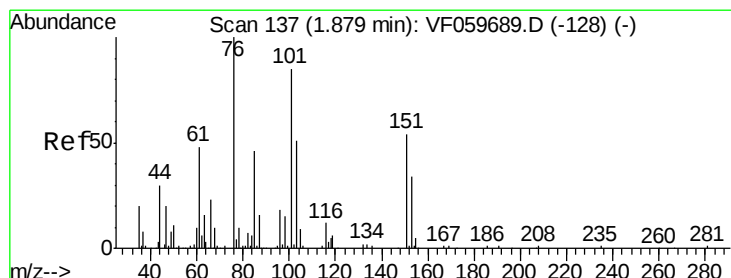
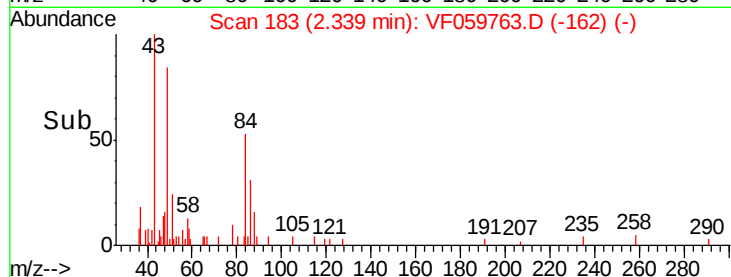
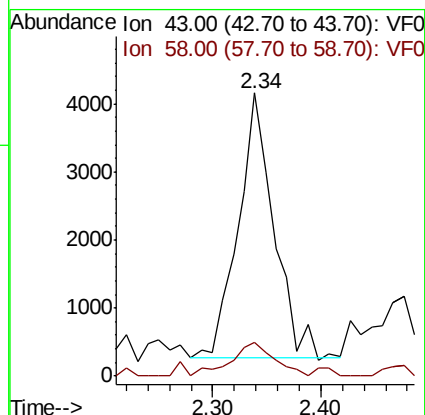
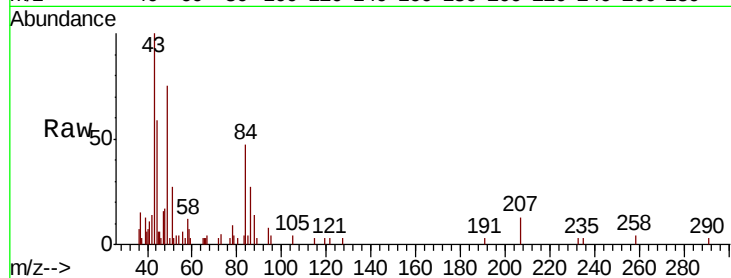
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion: 43 Resp: 8809

Ion Ratio Lower Upper

43 100

58 11.8 10.1 15.1



#17

Carbon Disulfide

Concen: Below Cal

RT: 1.88 min Scan# 136

Delta R.T. -0.00 min

Lab File: VF059763.D

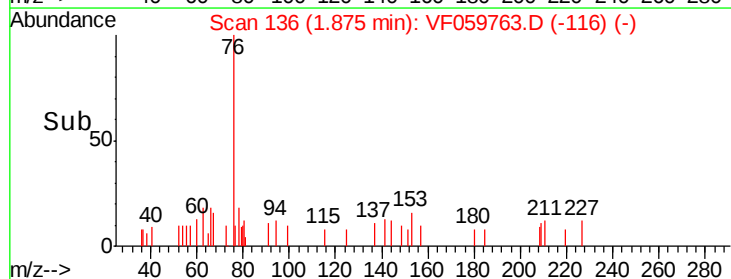
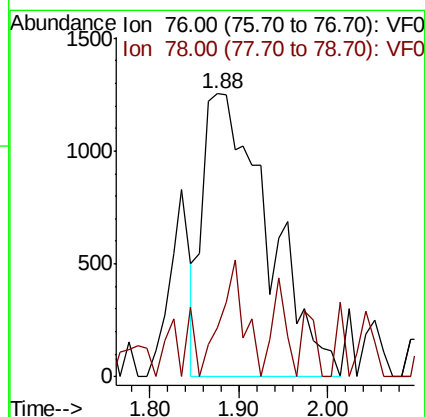
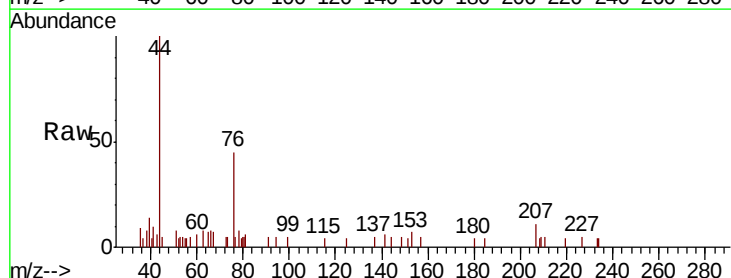
Acq: 1 Aug 2018 18:50

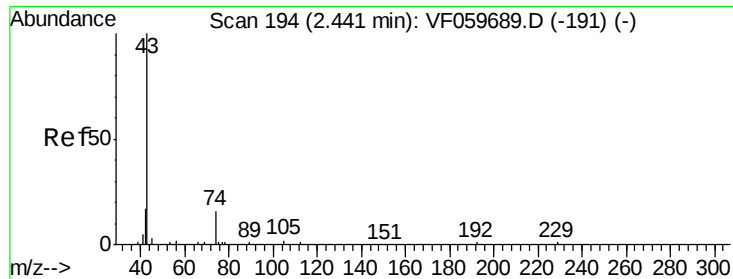
Tgt Ion: 76 Resp: 6372

Ion Ratio Lower Upper

76 100

78 17.6 8.9 13.3#

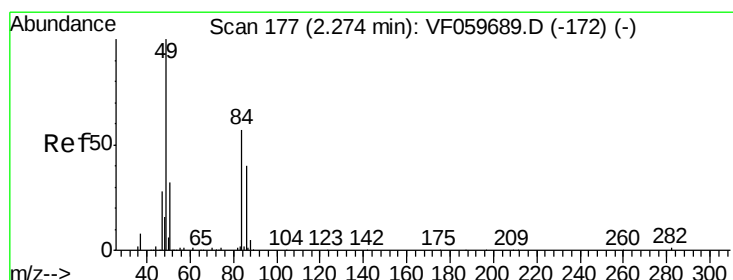
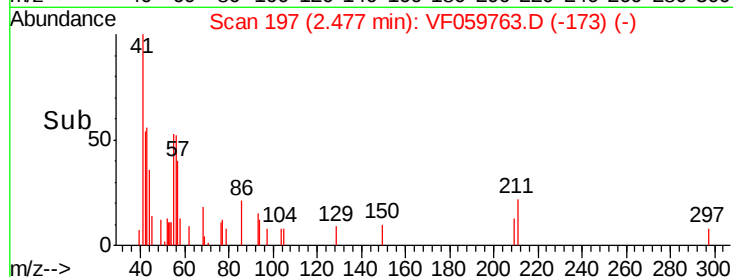
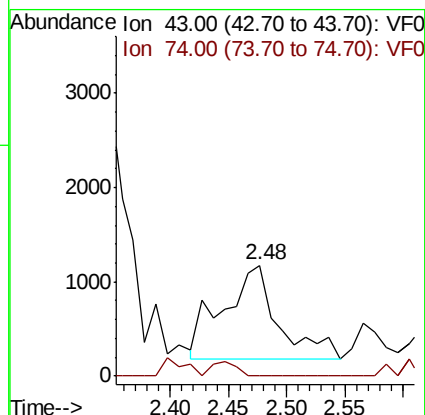
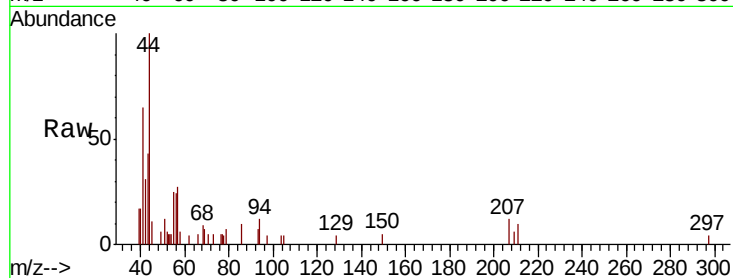




#18
Methyl Acetate
Concen: Below Cal
RT: 2.48 min Scan# 197
Delta R.T. 0.04 min
Lab File: VF059763.D
Acq: 1 Aug 2018 18:50

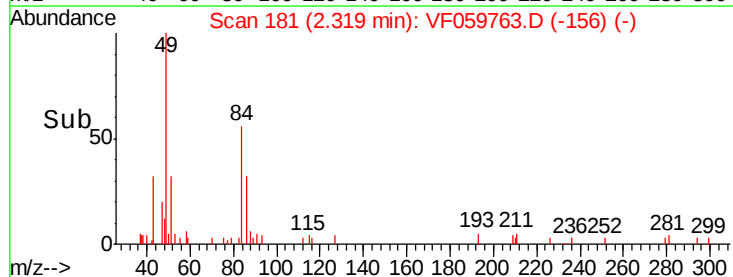
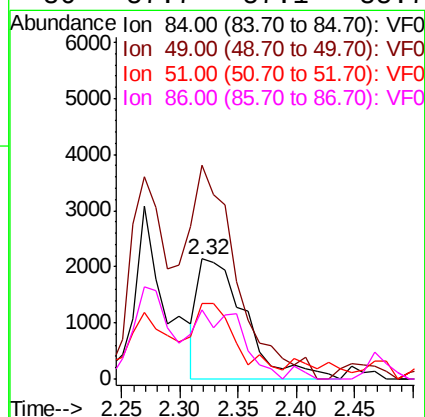
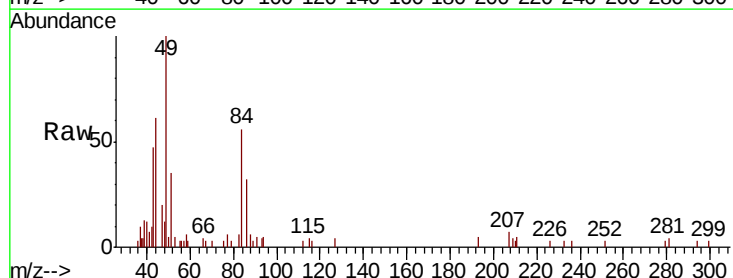
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

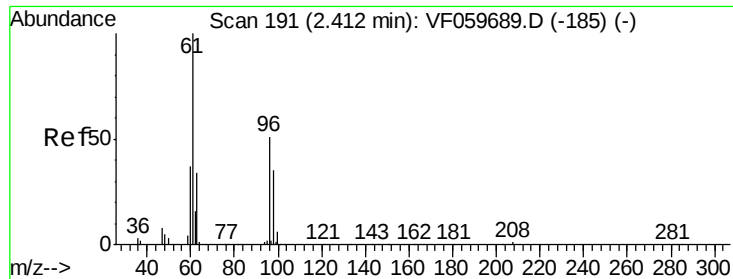
Tgt Ion: 43 Resp: 3296
Ion Ratio Lower Upper
43 100
74 0.0 11.8 17.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.32 min Scan# 181
Delta R.T. 0.05 min
Lab File: VF059763.D
Acq: 1 Aug 2018 18:50

Tgt Ion: 84 Resp: 6030
Ion Ratio Lower Upper
84 100
49 178.0 142.2 213.4
51 62.9 46.2 69.2
86 57.7 57.1 85.7





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 2.44 min Scan# 193

Delta R.T. 0.03 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-6

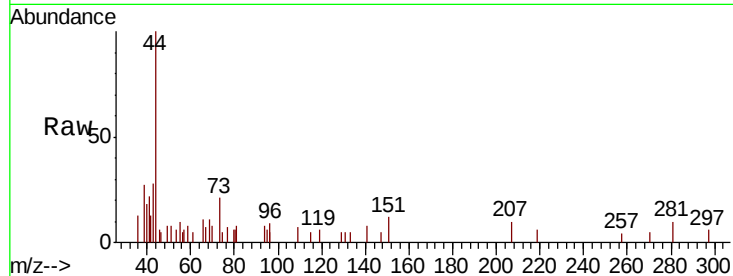
Tgt Ion: 96 Resp: 184

Ion Ratio Lower Upper

96 100

61 35.7 157.4 236.0#

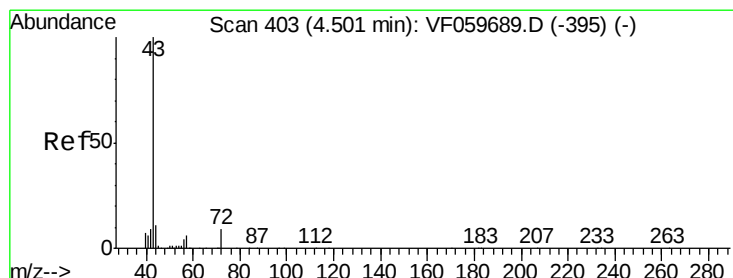
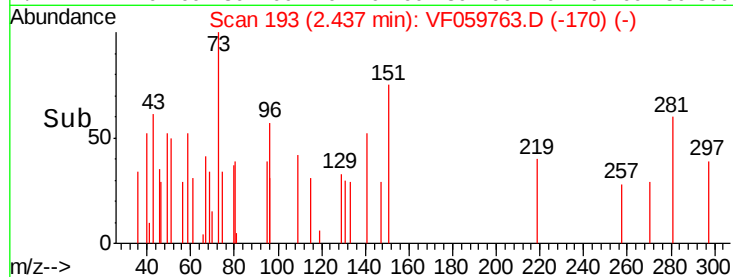
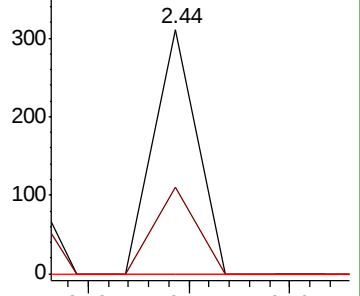
98 0.0 55.0 82.4#



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: 1.819 ug/l

RT: 4.53 min Scan# 405

Delta R.T. 0.03 min

Lab File: VF059763.D

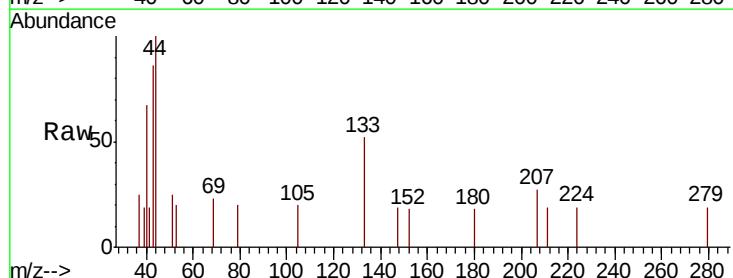
Acq: 1 Aug 2018 18:50

Tgt Ion: 43 Resp: 1490

Ion Ratio Lower Upper

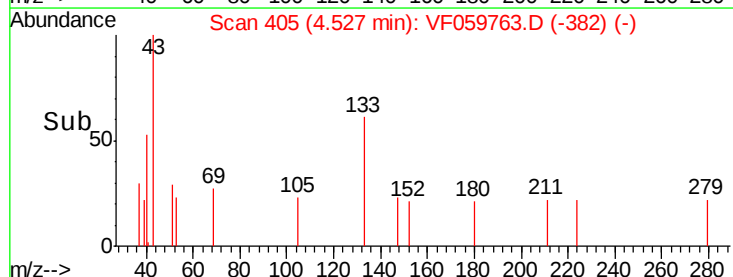
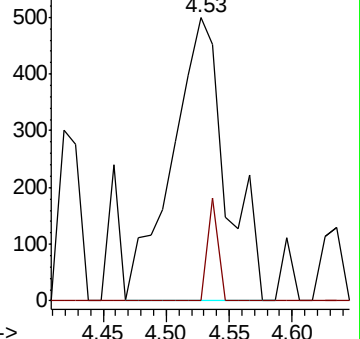
43 100

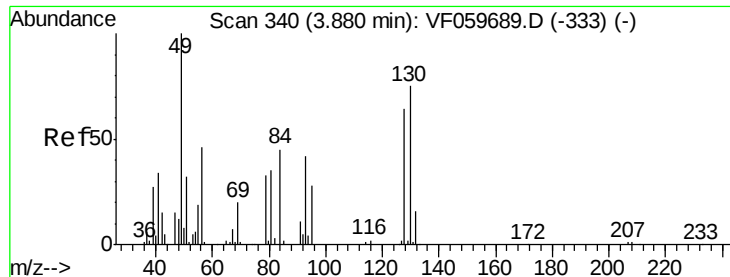
72 0.0 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0





#28

Bromochloromethane

Concen: Below Cal

RT: 3.87 min Scan# 338

Delta R.T. -0.01 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

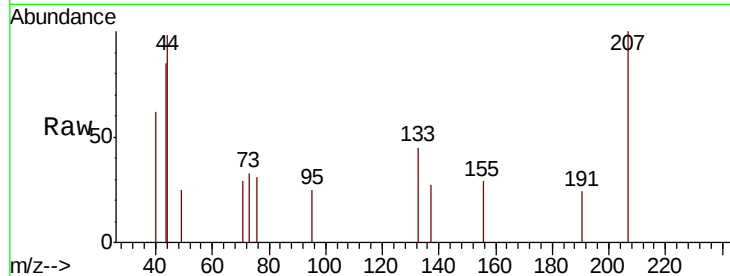
Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-6

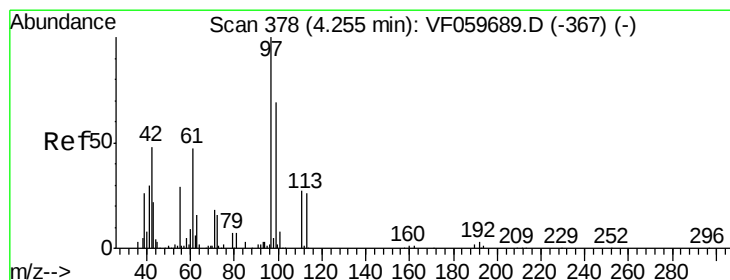
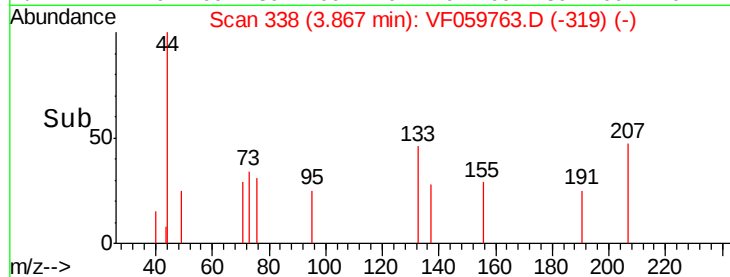
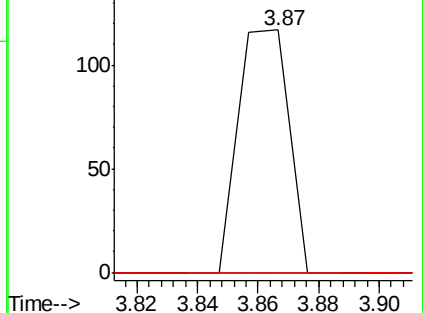
Tgt Ion:	49	Resp:	138
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	0.0	59.6	89.4#



Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V



#29

Tetrahydrofuran

Concen: 1.760 ug/l

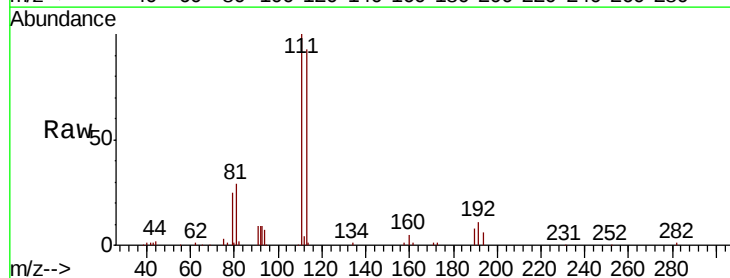
RT: 4.26 min Scan# 378

Delta R.T. 0.01 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

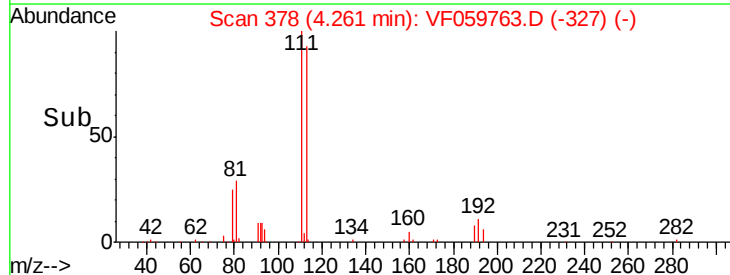
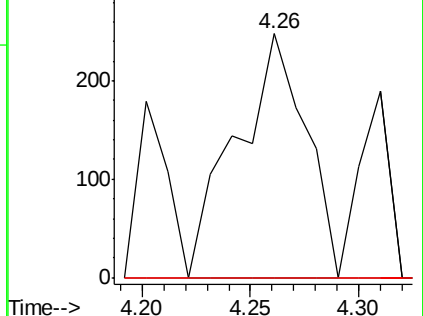
Tgt Ion:	42	Resp:	554
Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.0	40.6#
71	0.0	29.7	44.5#

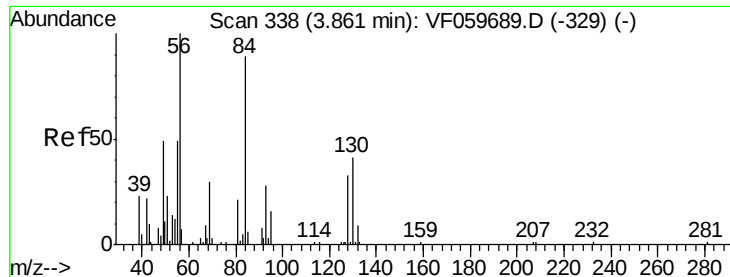


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0

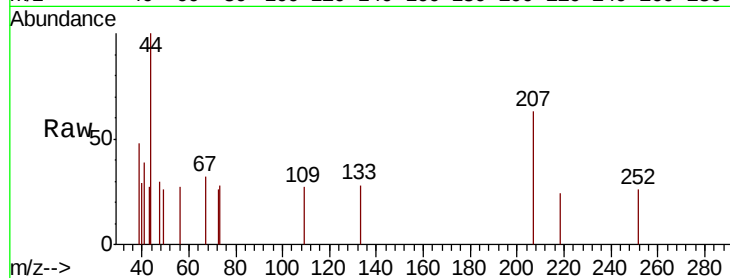




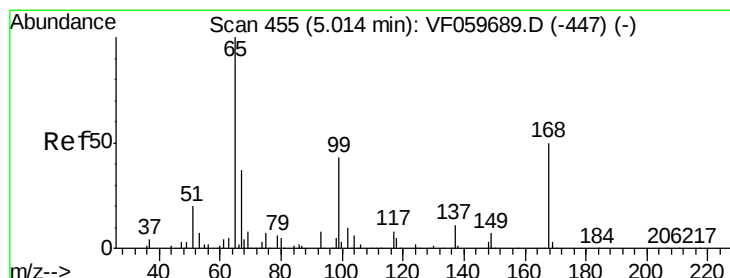
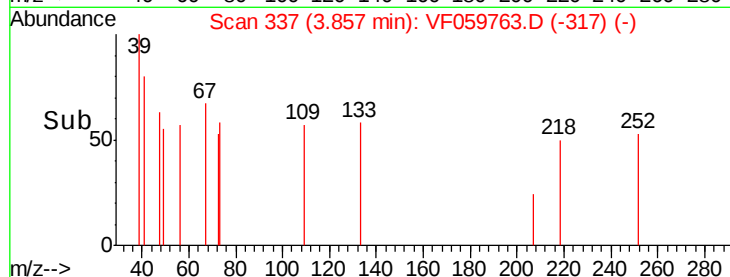
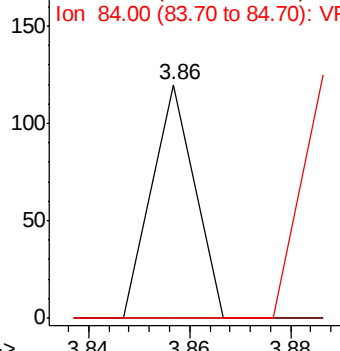
#31
Cyclohexane
Concen: Below Cal
RT: 3.86 min Scan# 337
Delta R.T. -0.00 min
Lab File: VF059763.D
Acq: 1 Aug 2018 18:50

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
69 0.0 23.7 35.5#
84 0.0 71.1 106.7#

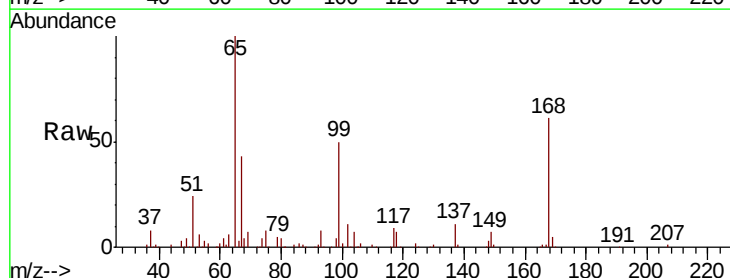


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

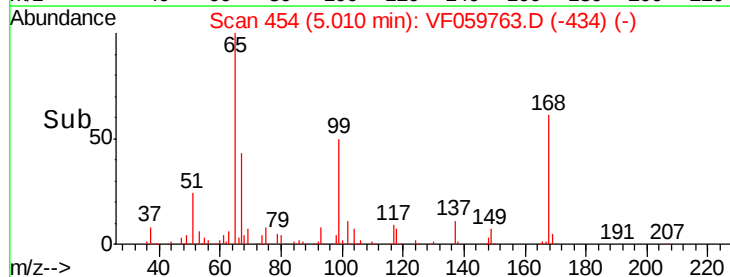
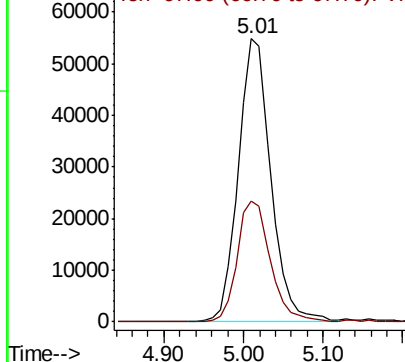


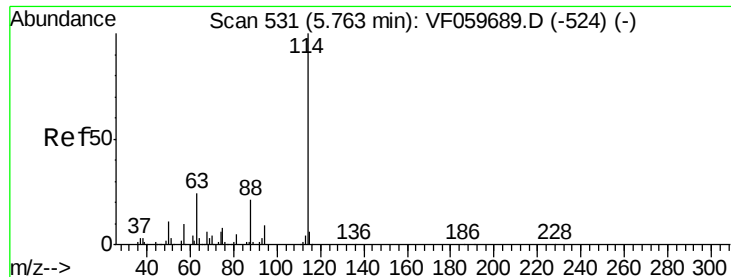
#33
1,2-Dichloroethane-d4
Concen: 38.011 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.00 min
Lab File: VF059763.D
Acq: 1 Aug 2018 18:50

Tgt Ion: 65 Resp: 155113
Ion Ratio Lower Upper
65 100
67 42.7 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-6

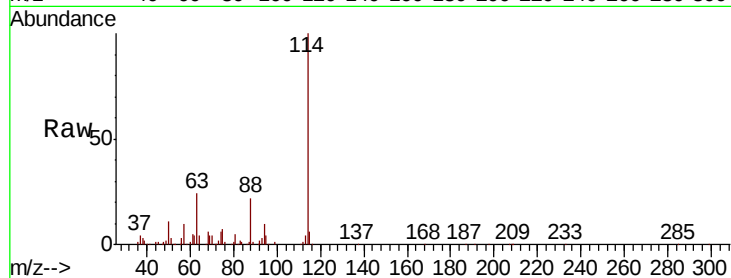
Tgt Ion:114 Resp: 339526

Ion Ratio Lower Upper

114 100

63 24.0 0.0 47.4

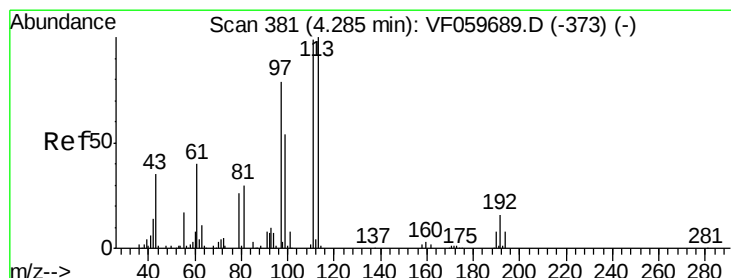
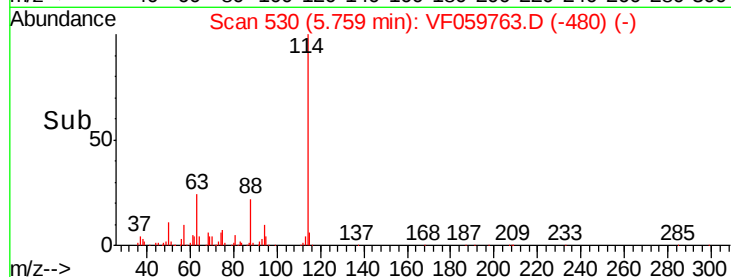
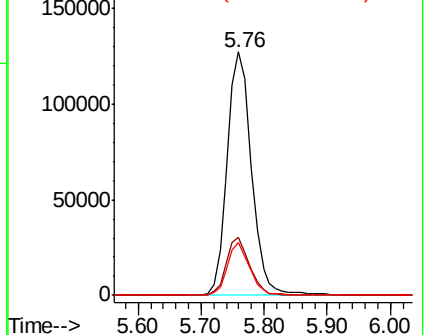
88 21.7 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 38.535 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

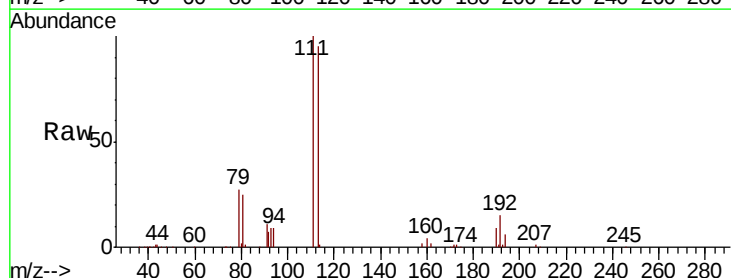
Tgt Ion:113 Resp: 135892

Ion Ratio Lower Upper

113 100

111 104.8 79.0 118.4

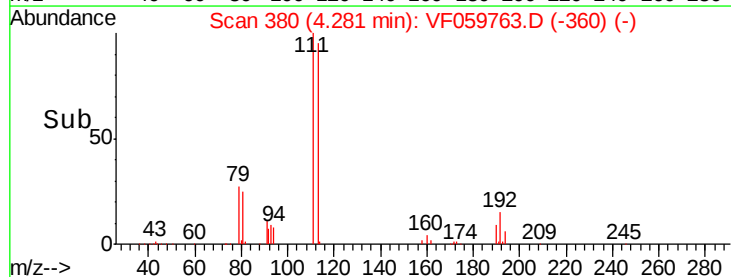
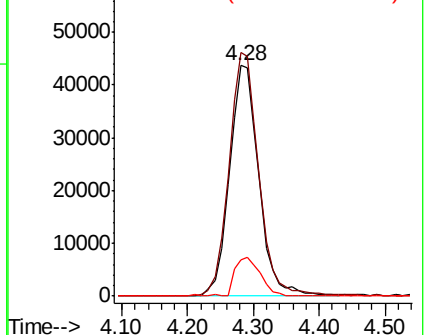
192 15.6 13.2 19.8

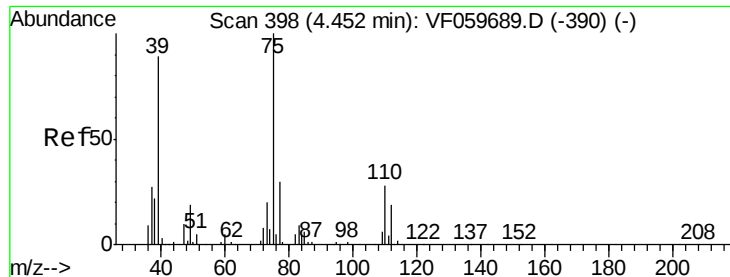


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

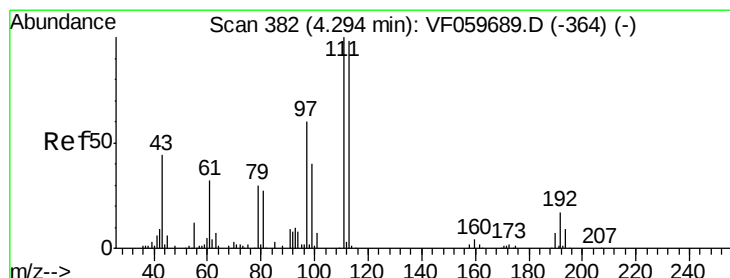
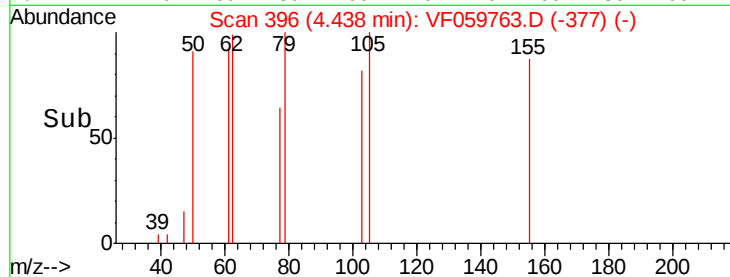
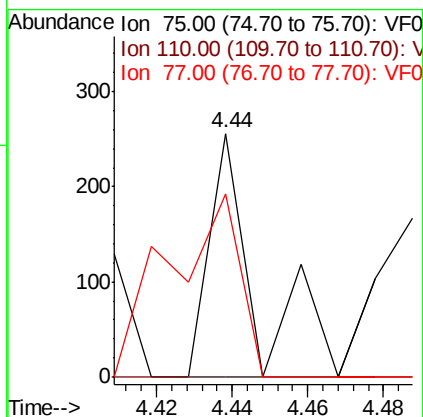
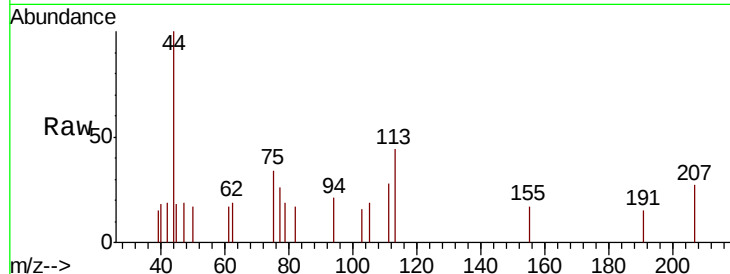




#36
1,1-Dichloropropene
Concen: Below Cal
RT: 4.44 min Scan# 396
Delta R.T. -0.01 min
Lab File: VF059763.D
Acq: 1 Aug 2018 18:50

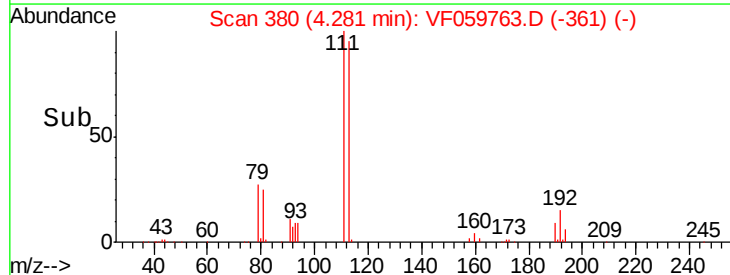
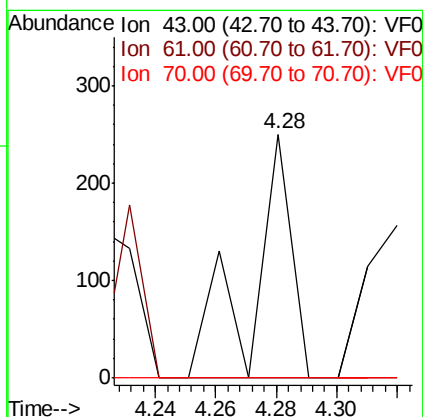
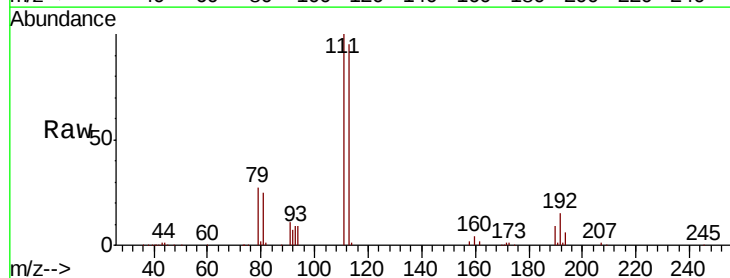
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

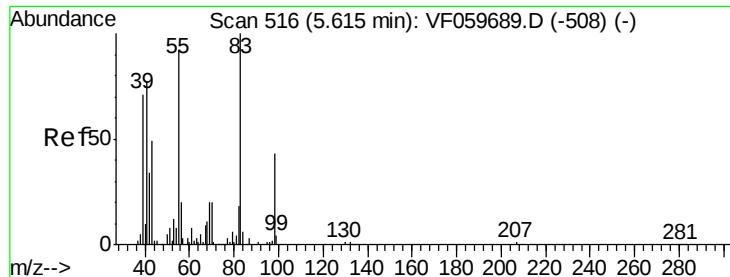
Tgt Ion: 75 Resp: 221
Ion Ratio Lower Upper
75 100
110 0.0 14.0 41.9#
77 75.0 24.2 36.2#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 380
Delta R.T. -0.01 min
Lab File: VF059763.D
Acq: 1 Aug 2018 18:50

Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
61 0.0 58.2 87.2#
70 0.0 6.0 9.0#





#39

Methylcyclohexane

Concen: Below Cal

RT: 5.64 min Scan# 518

Delta R.T. 0.03 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-6

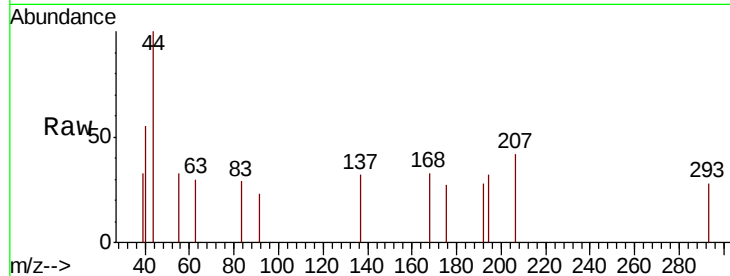
Tgt Ion: 83 Resp: 220

Ion Ratio Lower Upper

83 100

55 111.7 73.4 110.2#

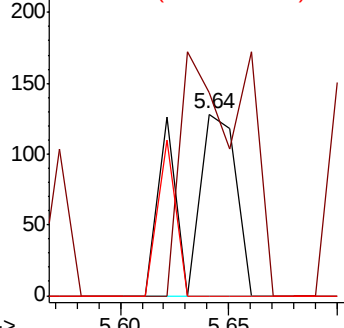
98 0.0 34.2 51.4#



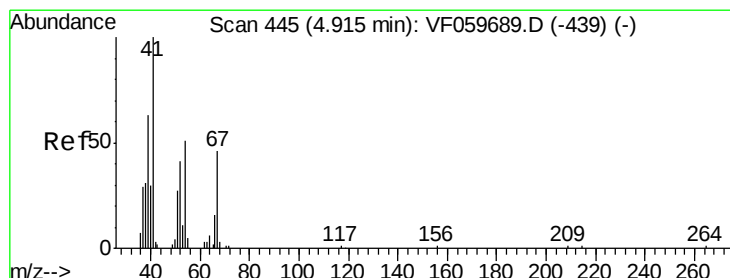
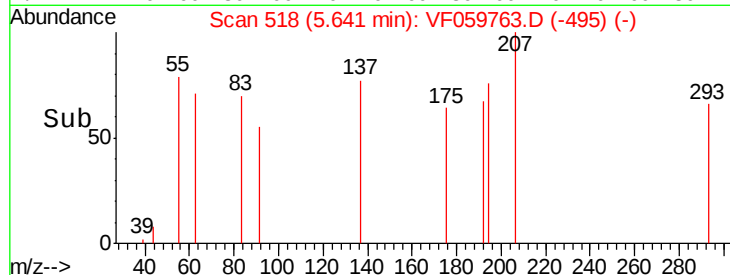
Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



Time-->



#41

Methacrylonitrile

Concen: Below Cal

RT: 4.91 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

Tgt Ion: 41 Resp: 208

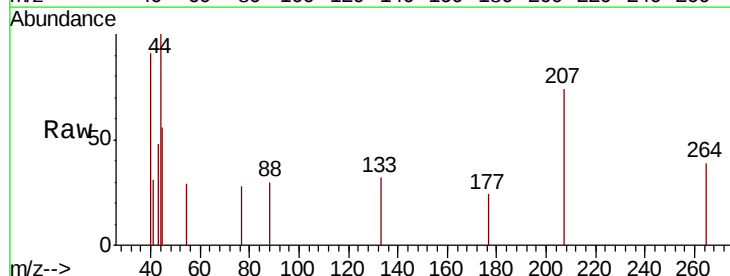
Ion Ratio Lower Upper

41 100

39 0.0 55.2 82.8#

67 0.0 36.2 54.2#

52 0.0 37.7 56.5#

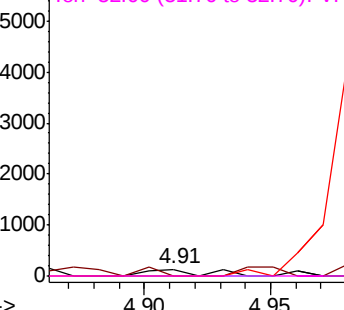


Abundance Ion 41.00 (40.70 to 41.70): VF0

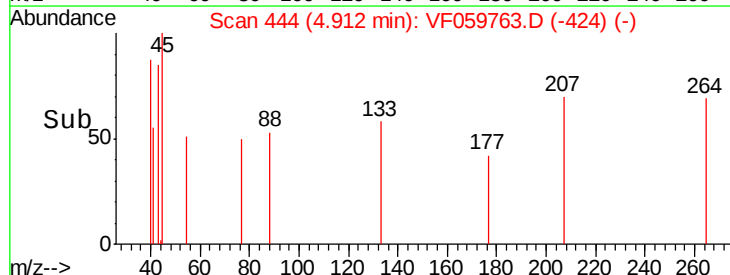
Ion 39.00 (38.70 to 39.70): VF0

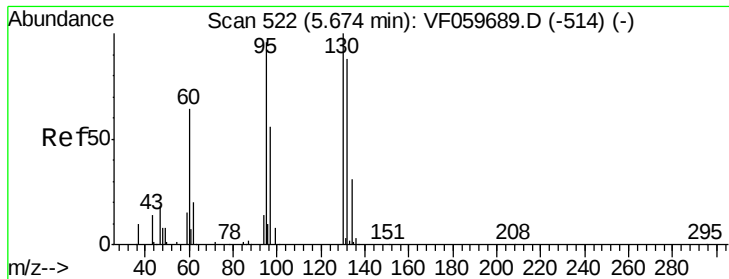
Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



Time-->





#44

Trichloroethene

Concen: Below Cal

RT: 5.71 min Scan# 525

Delta R.T. 0.04 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

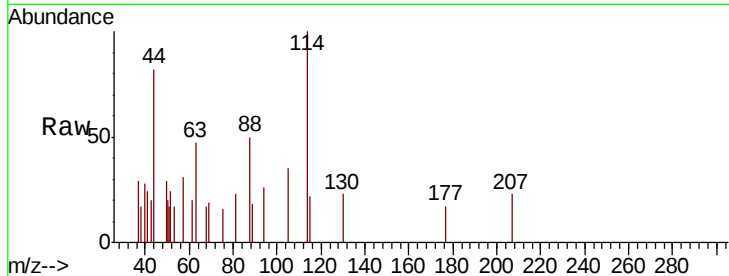
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:130 Resp: 89

Ion Ratio Lower Upper

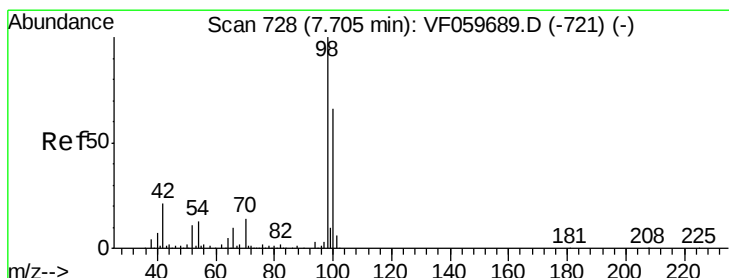
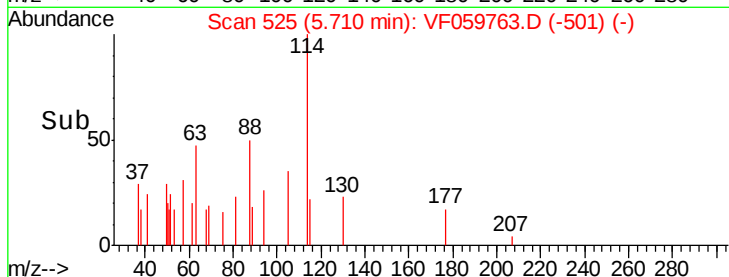
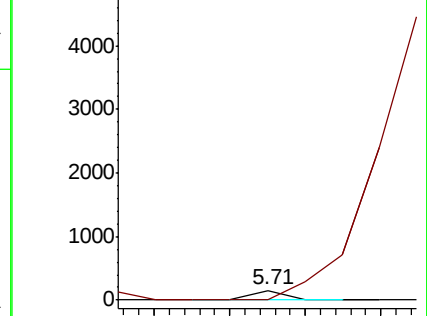
130 100

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: 34.478 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059763.D

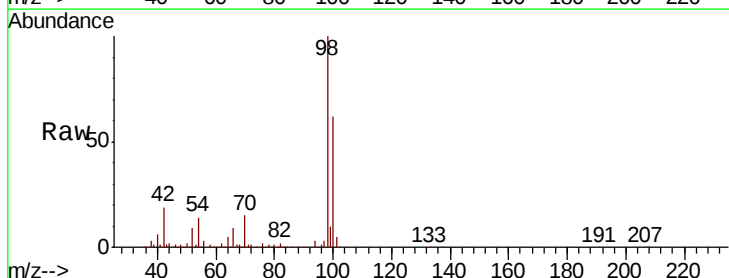
Acq: 1 Aug 2018 18:50

Tgt Ion: 98 Resp: 283531

Ion Ratio Lower Upper

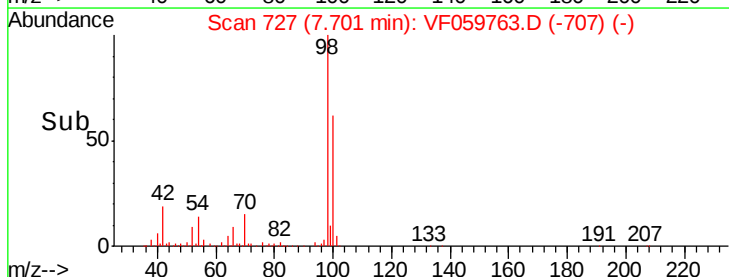
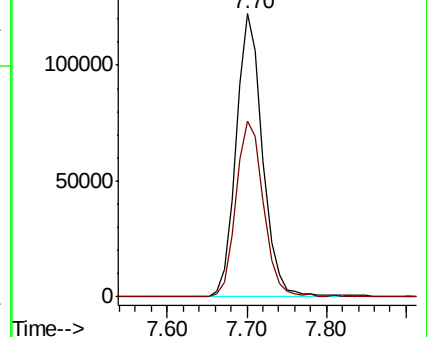
98 100

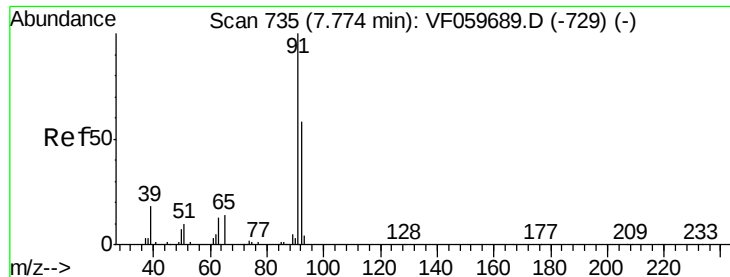
100 62.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#52

Toluene

Concen: Below Cal

RT: 7.77 min Scan# 734

Delta R.T. -0.00 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

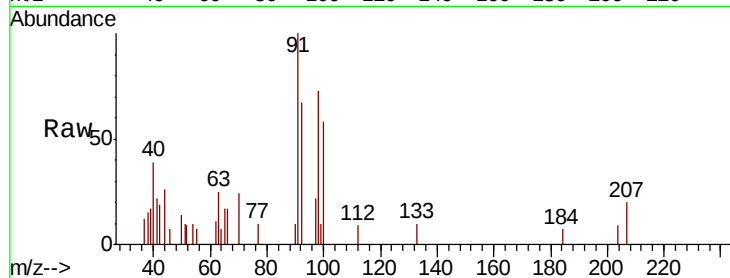
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion: 92 Resp: 1861

Ion Ratio Lower Upper

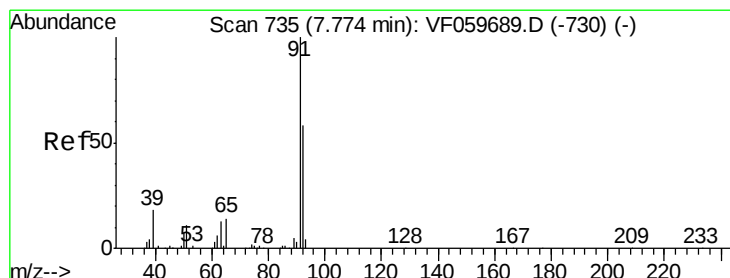
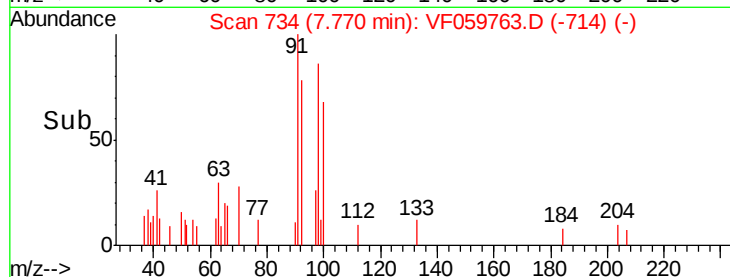
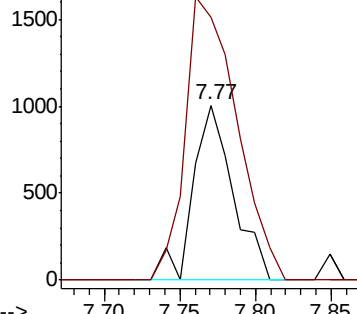
92 100

91 150.1 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 3.716 ug/l

RT: 7.77 min Scan# 734

Delta R.T. -0.00 min

Lab File: VF059763.D

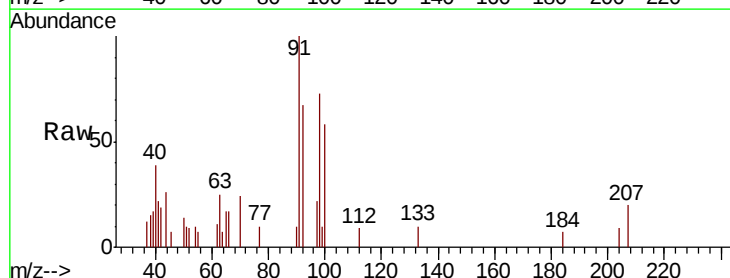
Acq: 1 Aug 2018 18:50

Tgt Ion: 63 Resp: 831

Ion Ratio Lower Upper

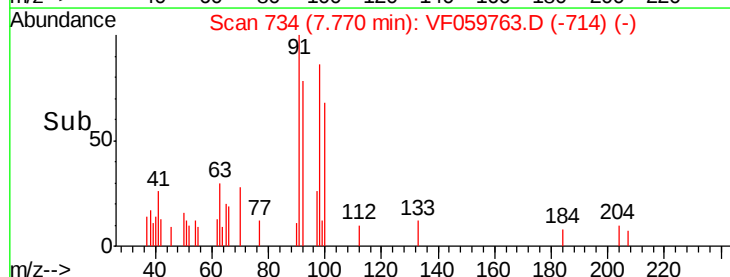
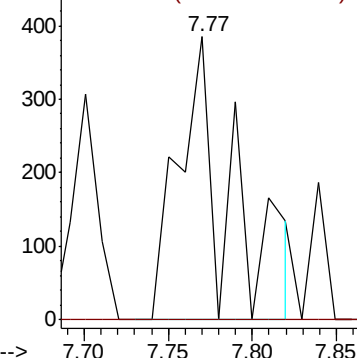
63 100

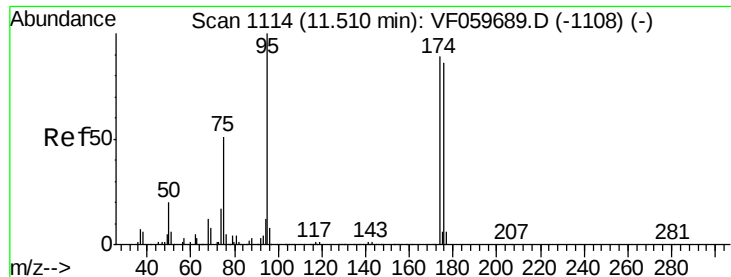
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V





#62

4-Bromofluorobenzene

Concen: 30.242 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-6

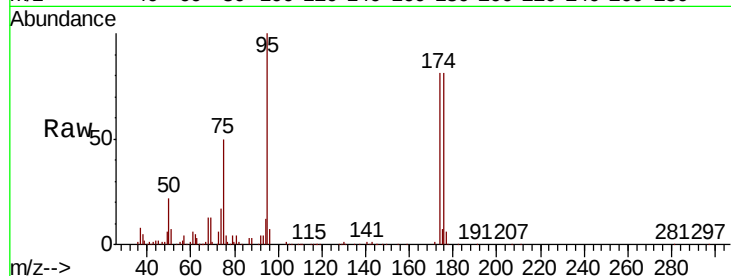
Tgt Ion: 95 Resp: 137681

Ion Ratio Lower Upper

95 100

174 80.7 0.0 178.4

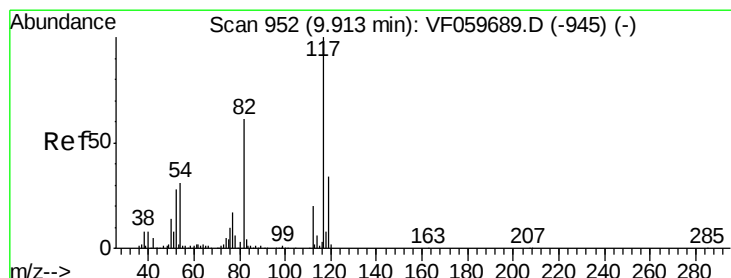
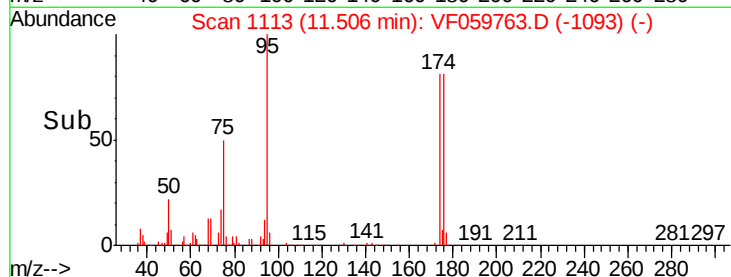
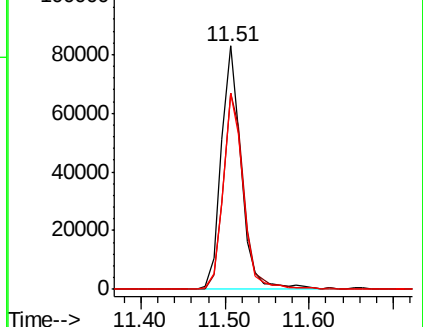
176 80.7 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.00 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

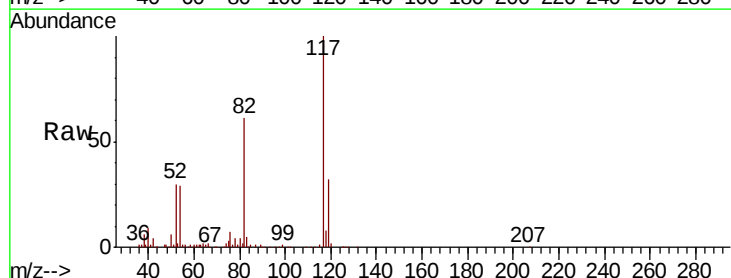
Tgt Ion: 117 Resp: 289894

Ion Ratio Lower Upper

117 100

82 60.6 49.0 73.4

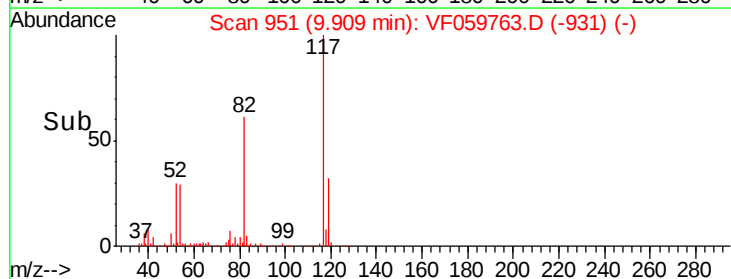
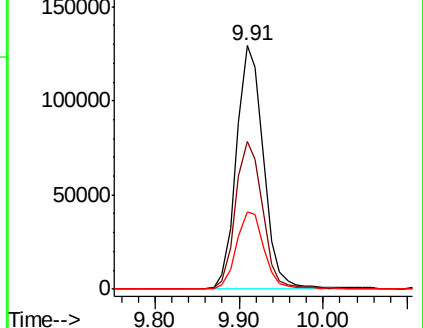
119 31.8 27.3 40.9

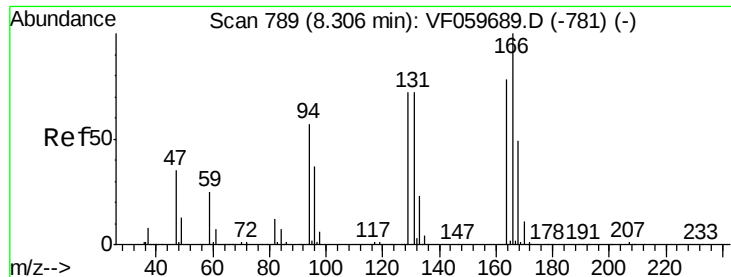


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

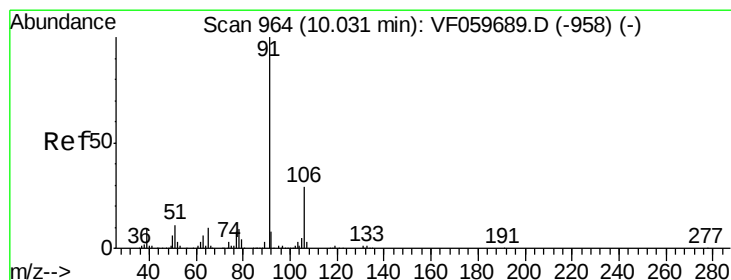
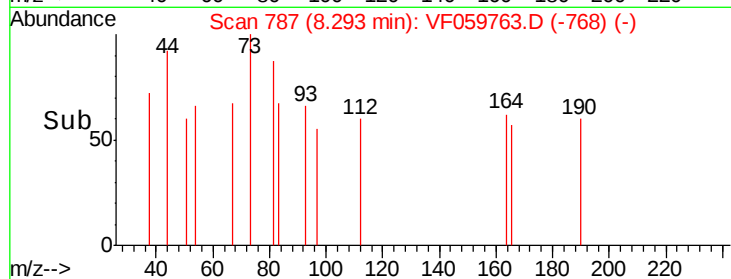
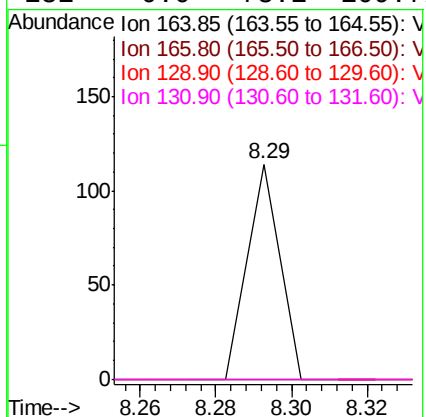
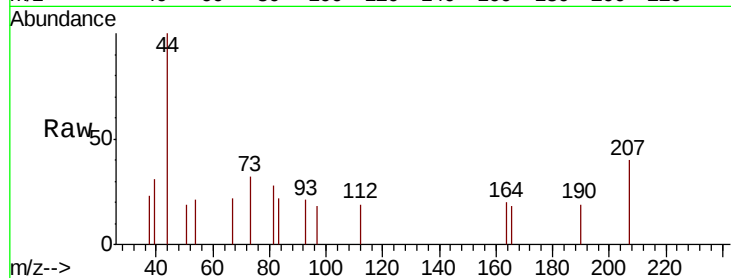




#64
Tetrachloroethene
Concen: Below Cal
RT: 8.29 min Scan# 787
Delta R.T. -0.01 min
Lab File: VF059763.D
Acq: 1 Aug 2018 18:50

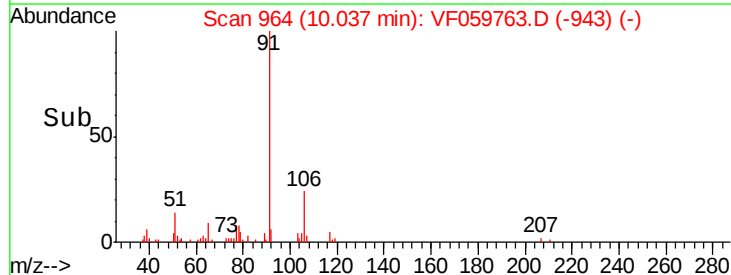
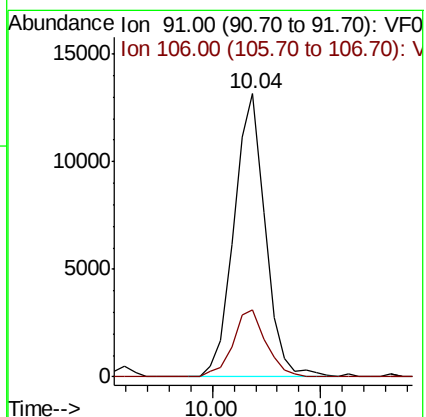
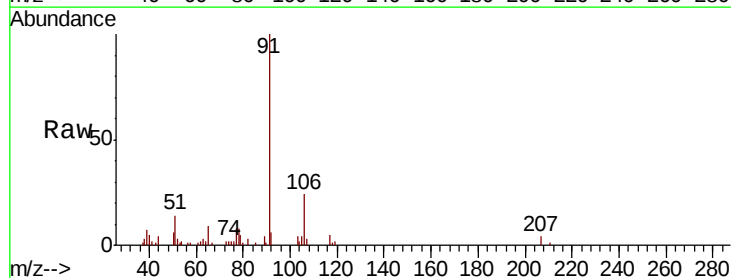
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

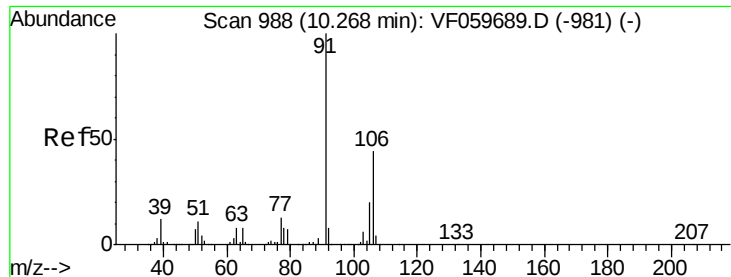
Tgt Ion:164 Resp: 67
Ion Ratio Lower Upper
164 100
166 0.0 102.1 153.1#
129 0.0 73.8 110.6#
131 0.0 73.1 109.7#



#67
Ethyl Benzene
Concen: 2.642 ug/l
RT: 10.04 min Scan# 964
Delta R.T. 0.01 min
Lab File: VF059763.D
Acq: 1 Aug 2018 18:50

Tgt Ion: 91 Resp: 26513
Ion Ratio Lower Upper
91 100
106 23.7 22.9 34.3





#68

m/p-Xylenes

Concen: Below Cal

RT: 10.26 min Scan# 987

Delta R.T. -0.00 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

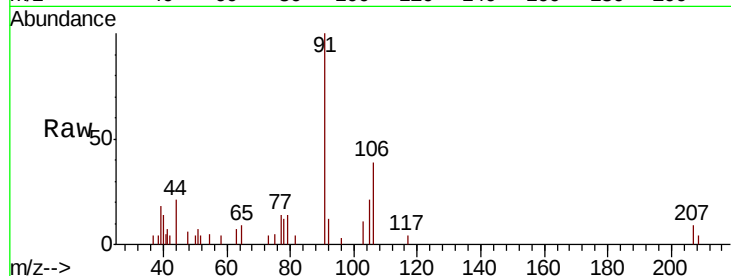
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:106 Resp: 2378

Ion Ratio Lower Upper

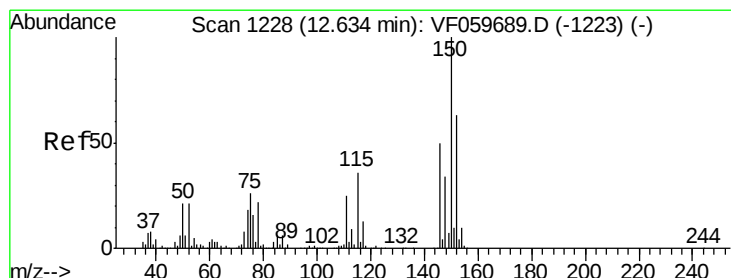
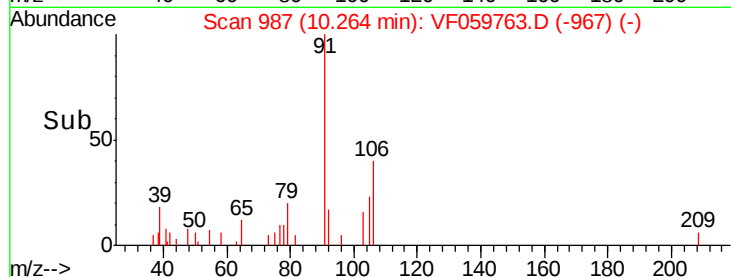
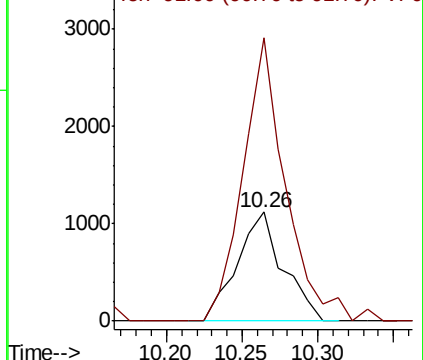
106 100

91 259.4 181.7 272.5



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: VF059763.D

Acq: 1 Aug 2018 18:50

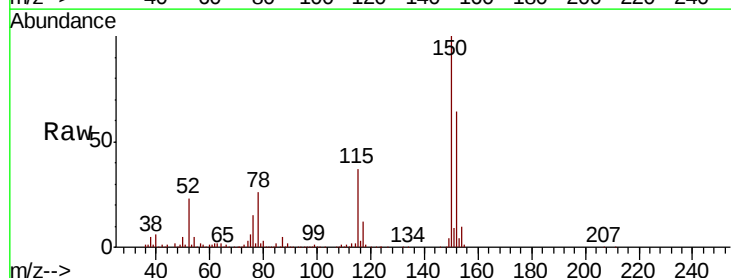
Tgt Ion:152 Resp: 160853

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.6

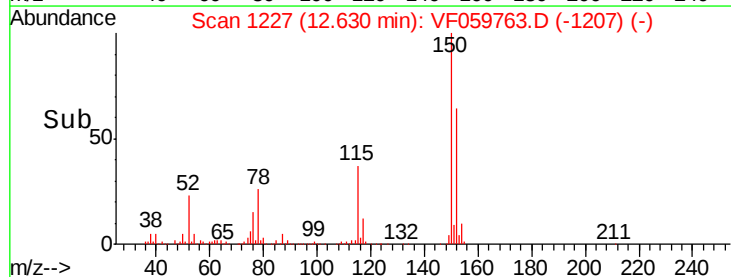
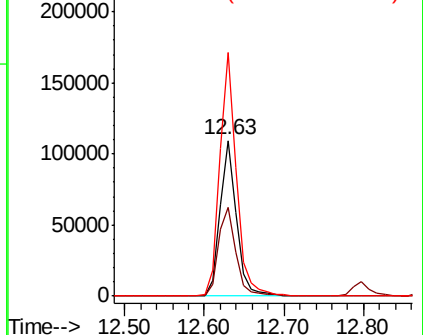
150 156.6 0.0 316.2

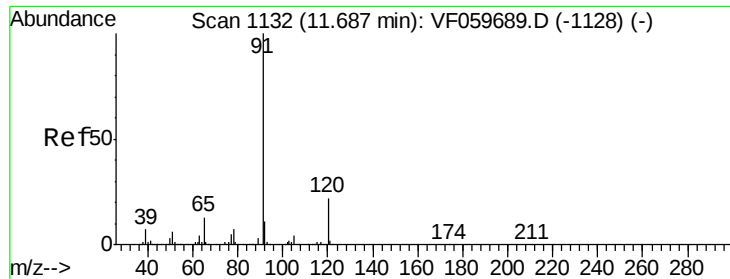


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

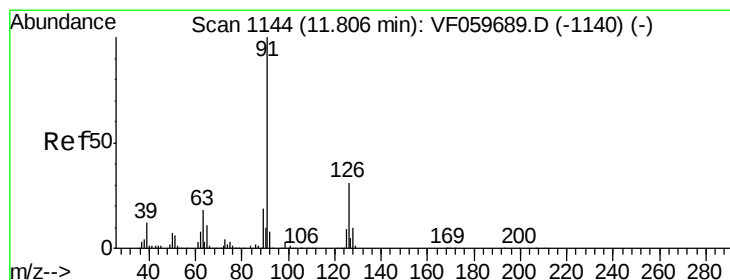
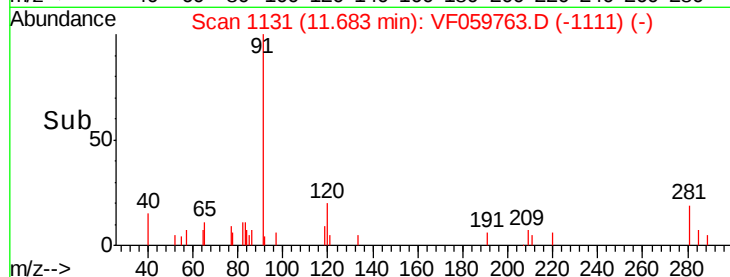
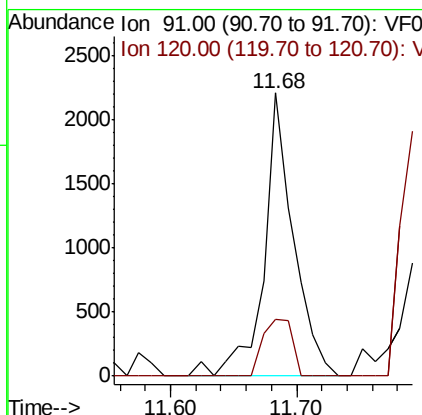
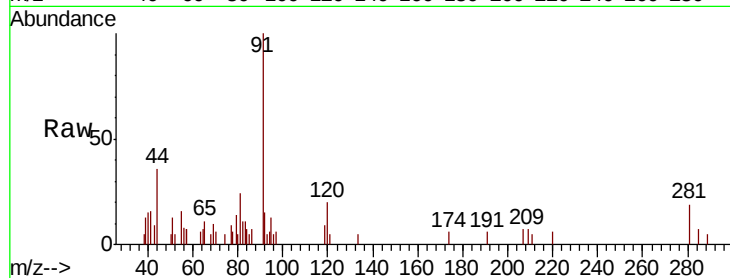




#78
n-propylbenzene
Concen: Below Cal
RT: 11.68 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VF059763.D
Acq: 1 Aug 2018 18:50

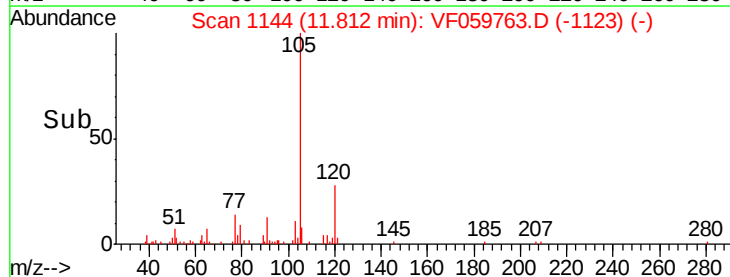
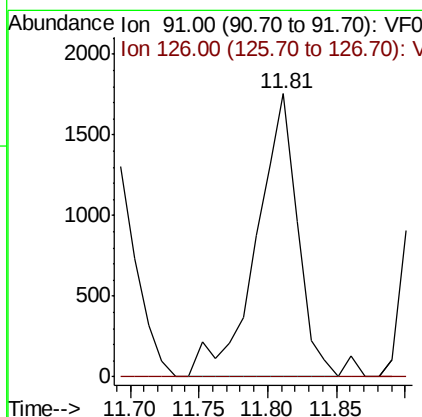
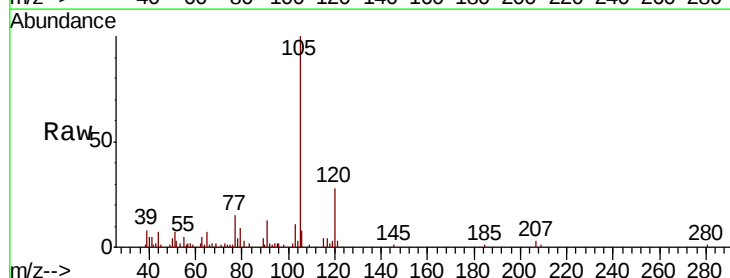
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

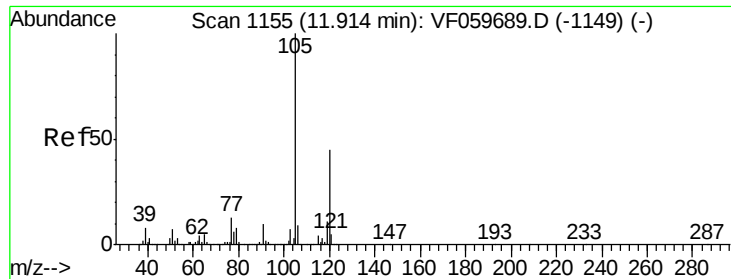
Tgt Ion: 91 Resp: 3596
Ion Ratio Lower Upper
91 100
120 20.3 11.0 33.0



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.81 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VF059763.D
Acq: 1 Aug 2018 18:50

Tgt Ion: 91 Resp: 3647
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#

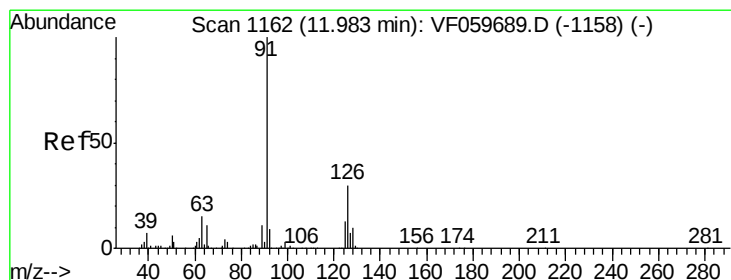
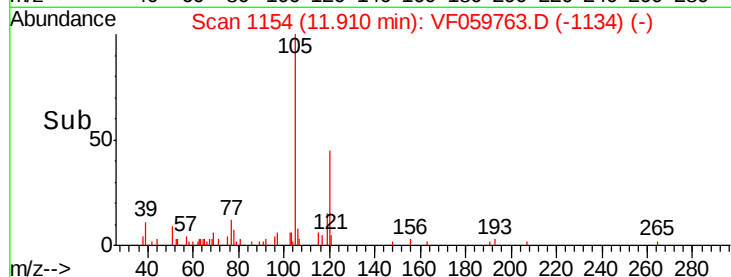
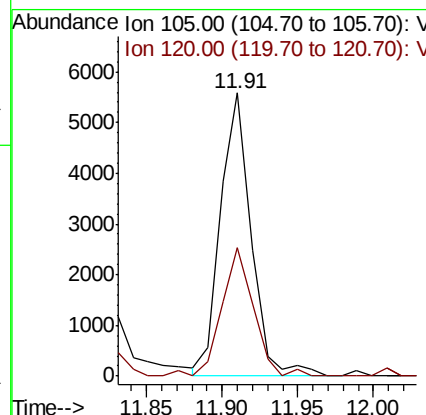
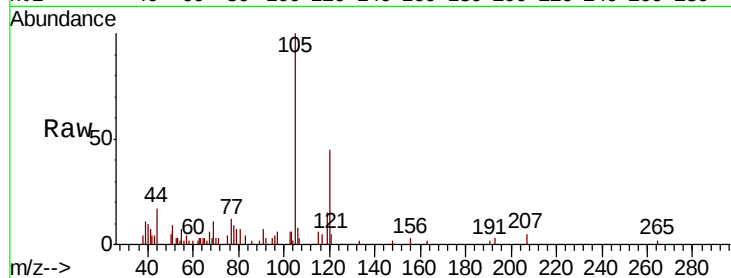




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 11.91 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VF059763.D
 Acq: 1 Aug 2018 18:50

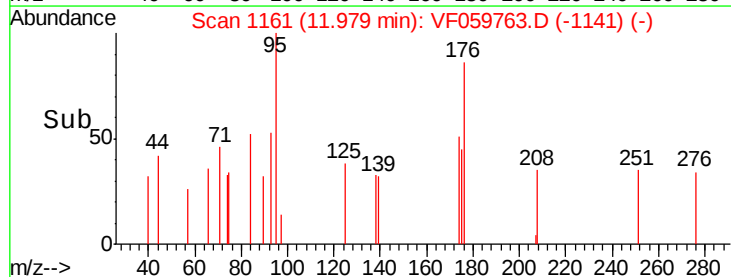
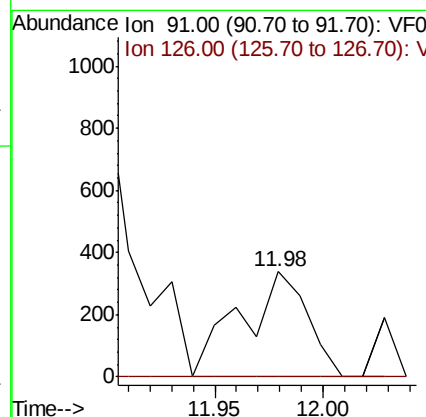
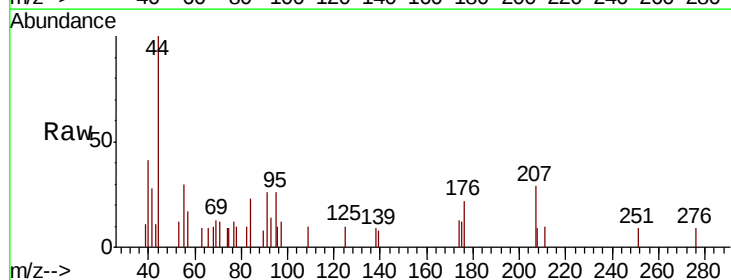
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-6

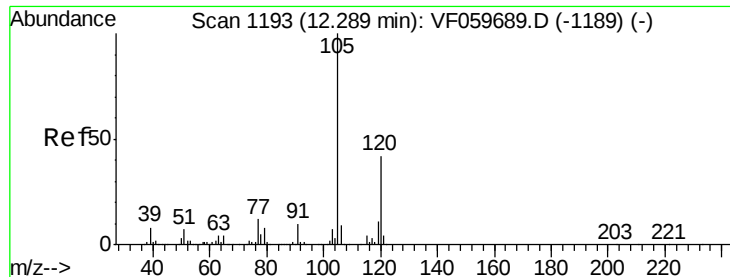
Tgt Ion: 105 Resp: 7889
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.0



#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.98 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VF059763.D
 Acq: 1 Aug 2018 18:50

Tgt Ion: 91 Resp: 724
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.2 45.6#

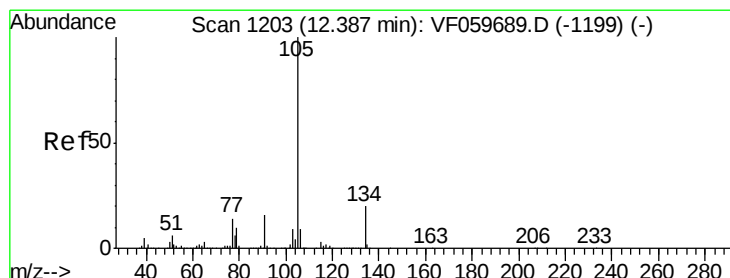
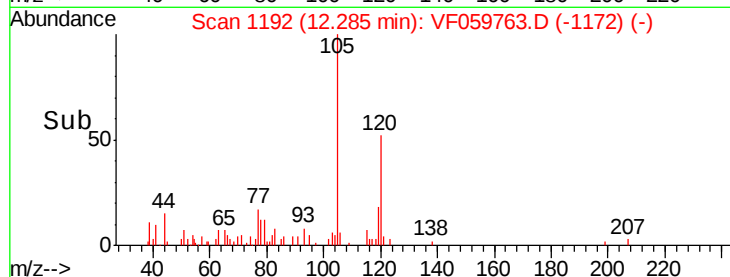
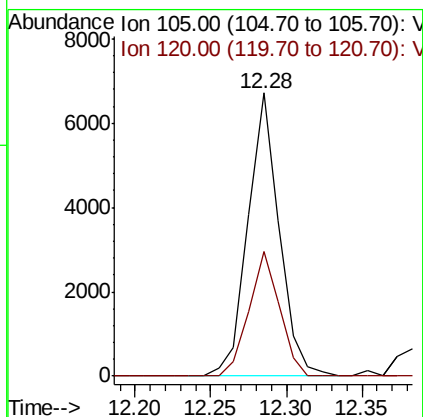
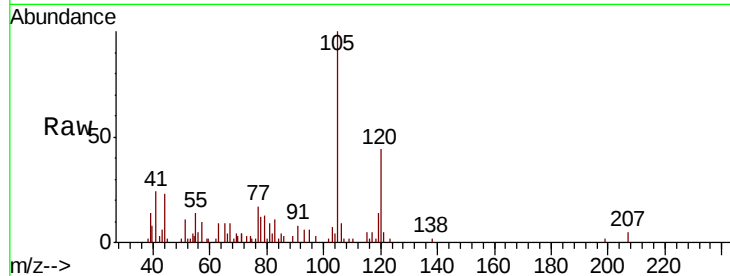




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: VF059763.D
 Acq: 1 Aug 2018 18:50

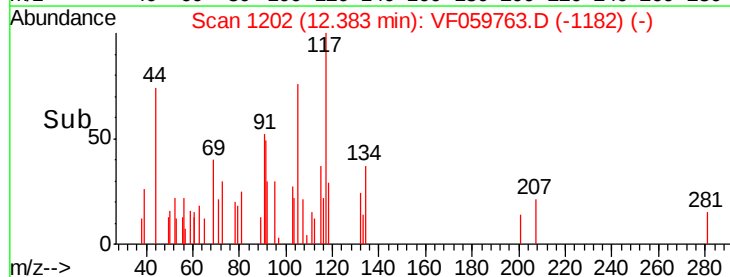
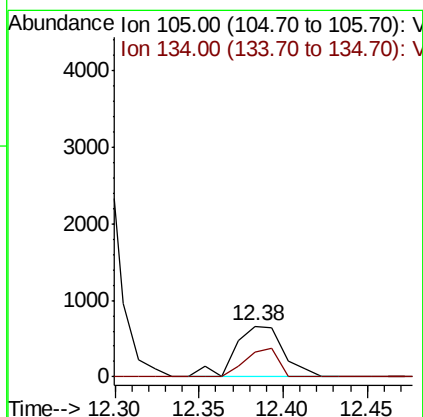
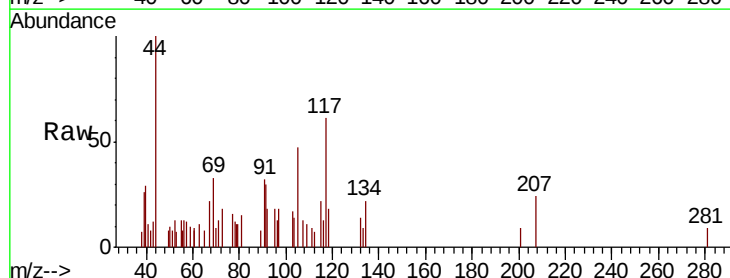
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-6

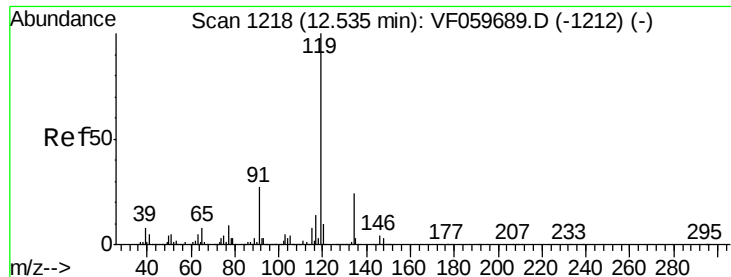
Tgt Ion:105 Resp: 9696
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.1 63.3



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 12.38 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VF059763.D
 Acq: 1 Aug 2018 18:50

Tgt Ion:105 Resp: 1322
 Ion Ratio Lower Upper
 105 100
 134 47.8 9.8 29.3#

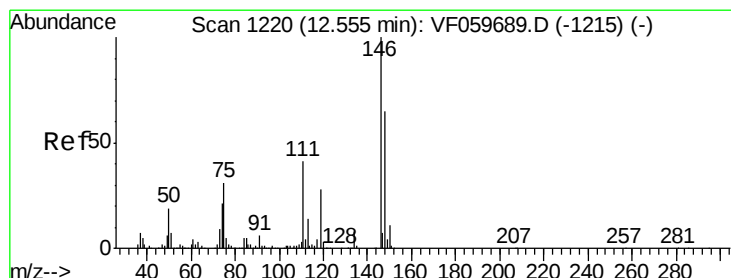
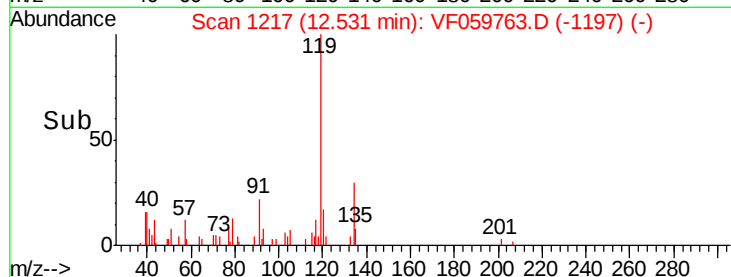
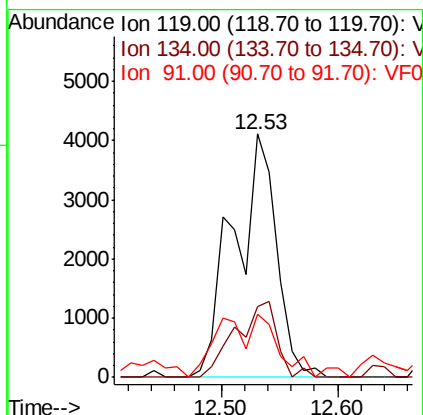
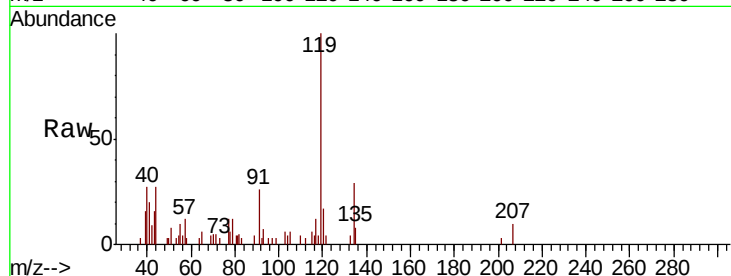




#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.53 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF059763.D
Acq: 1 Aug 2018 18:50

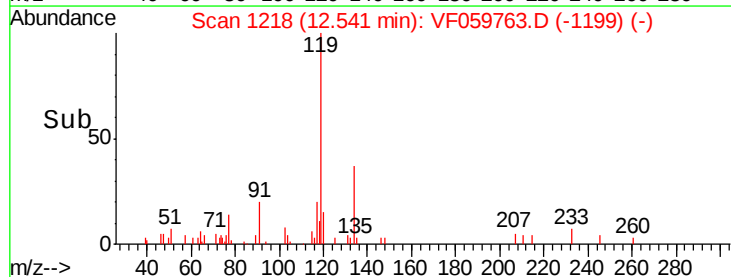
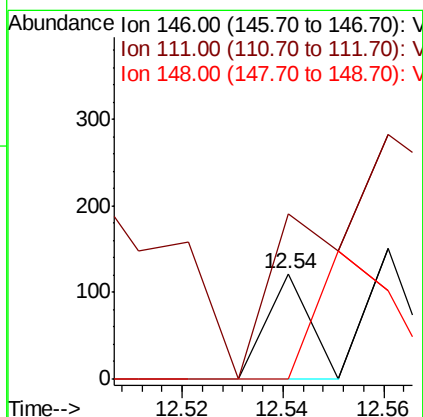
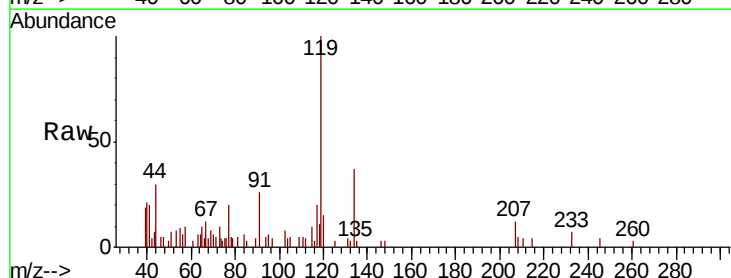
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

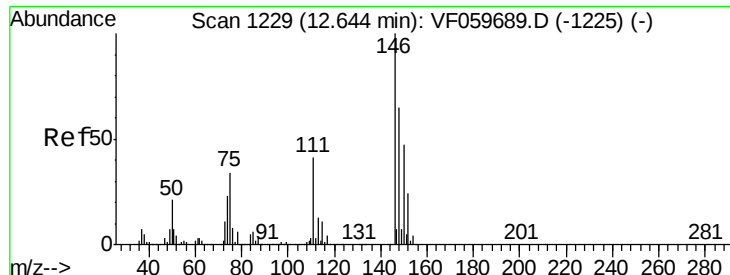
Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.9	12.2	36.6
91	25.7	13.4	40.2



#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.54 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VF059763.D
Acq: 1 Aug 2018 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	157.0	20.7	62.1#
148	0.0	32.3	96.8#

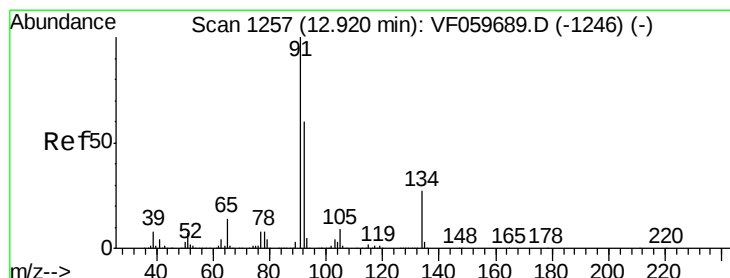
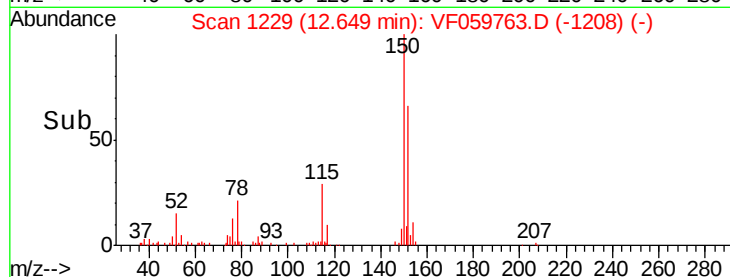
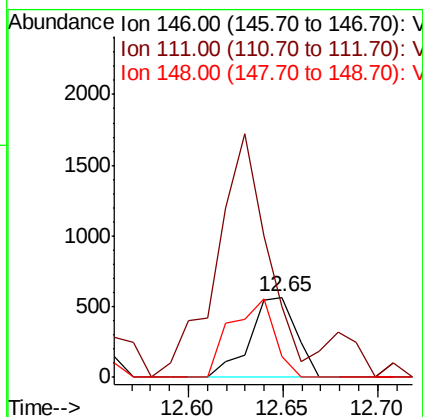
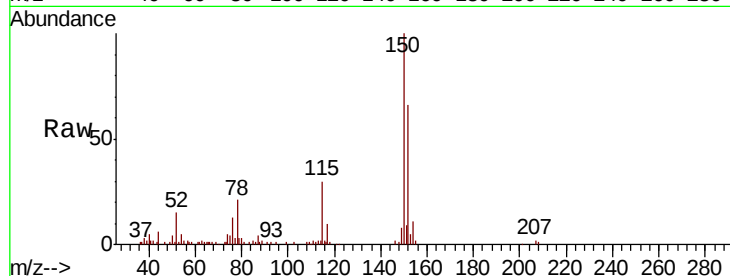




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VF059763.D
 Acq: 1 Aug 2018 18:50

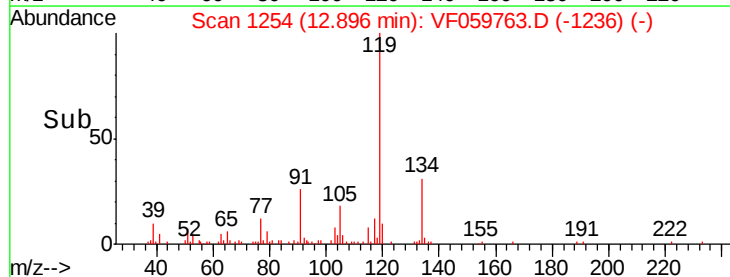
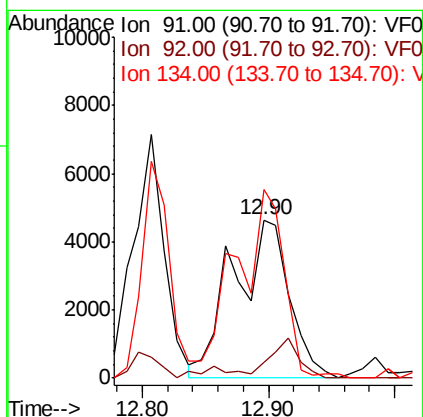
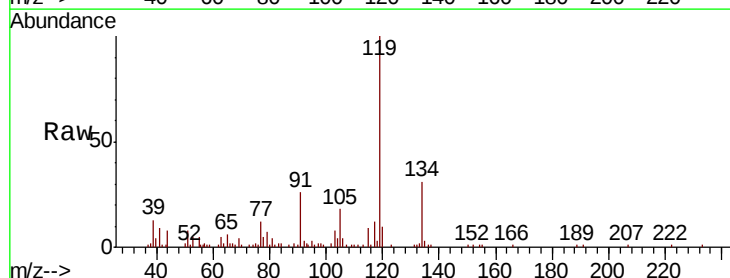
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-6

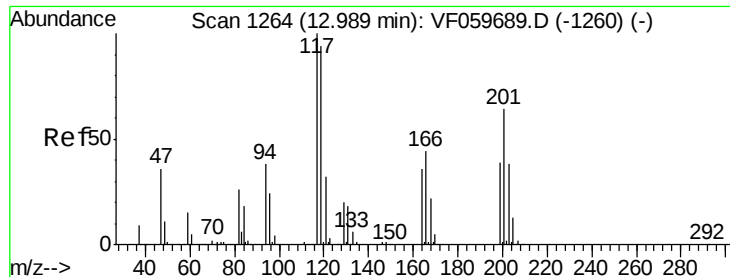
Tgt Ion	Ratio	Lower	Upper
146	100		
111	88.8	20.8	62.2#
148	26.0	32.3	96.9#



#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 12.90 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: VF059763.D
 Acq: 1 Aug 2018 18:50

Tgt Ion	Ratio	Lower	Upper
91	100		
92	9.6	30.1	90.3#
134	119.4	13.7	41.0#





#90

Hexachloroethane

Concen: 1.304 ug/l

RT: 12.90 min Scan# 1254

Delta R.T. -0.09 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

Instrument :

MSVOA_F

ClientSampleId :

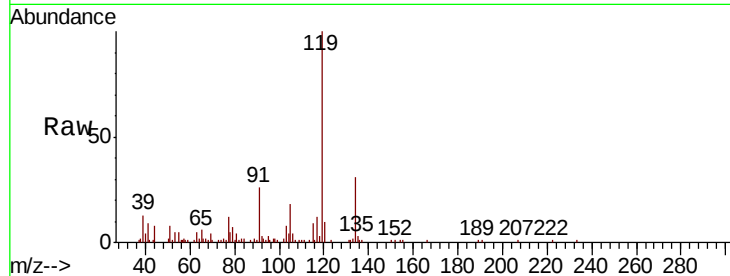
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:117 Resp: 3472

Ion Ratio Lower Upper

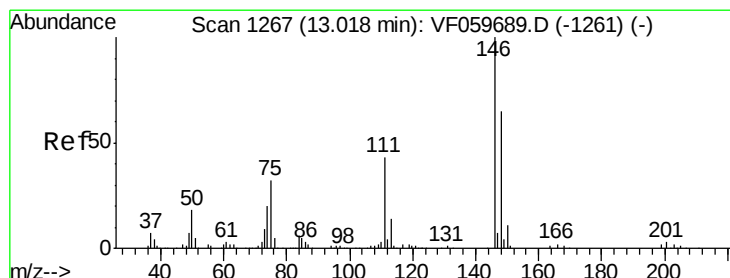
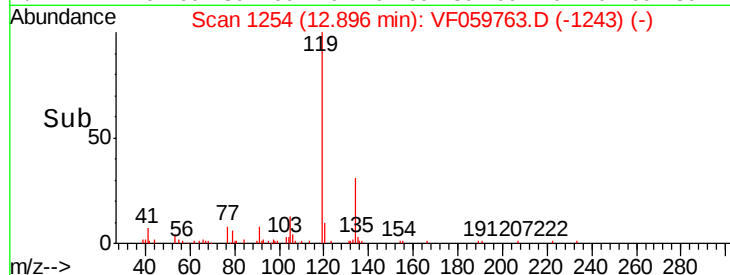
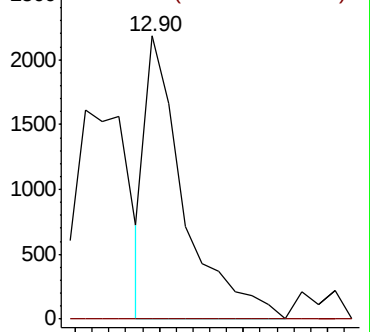
117 100

201 0.0 31.9 95.5#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.01 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VF059763.D

Acq: 1 Aug 2018 18:50

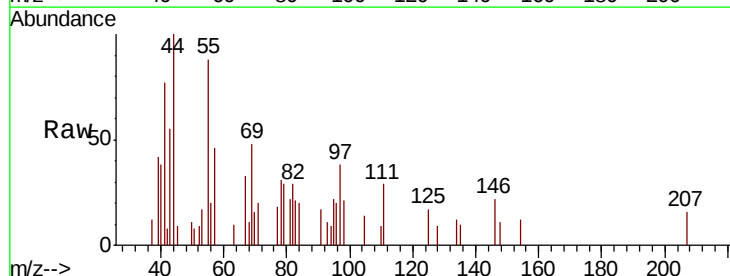
Tgt Ion:146 Resp: 317

Ion Ratio Lower Upper

146 100

111 136.4 21.6 65.0#

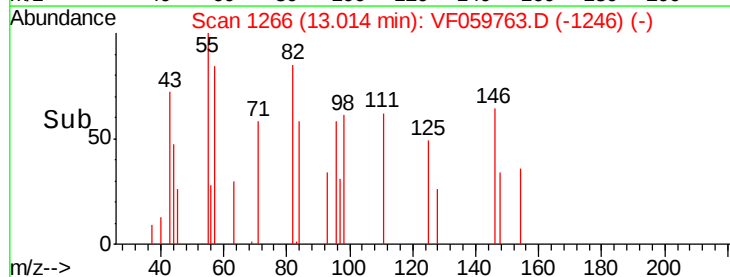
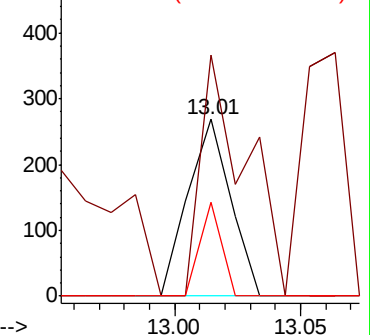
148 52.8 32.3 96.9

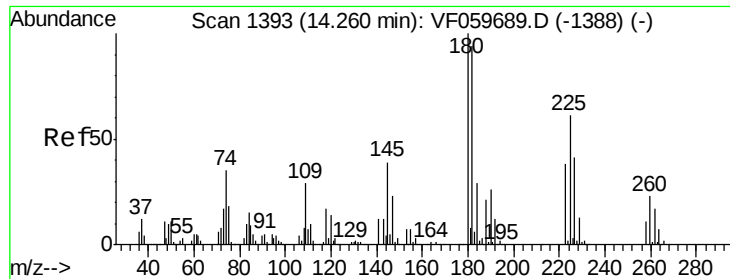


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

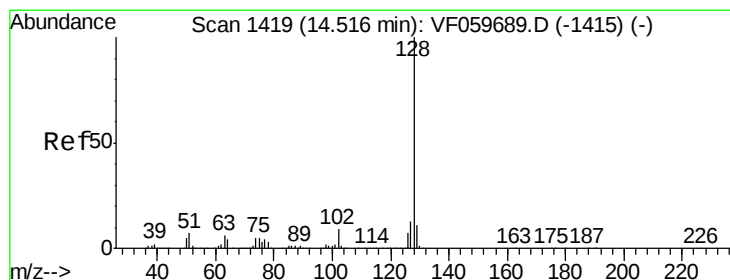
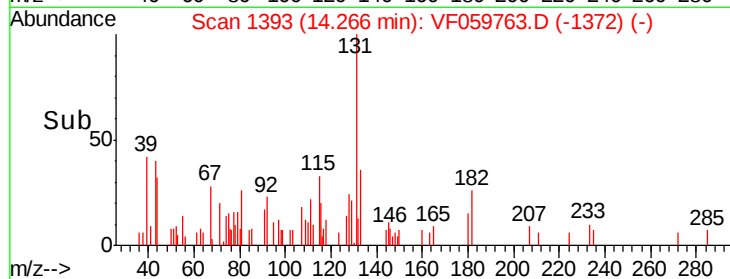
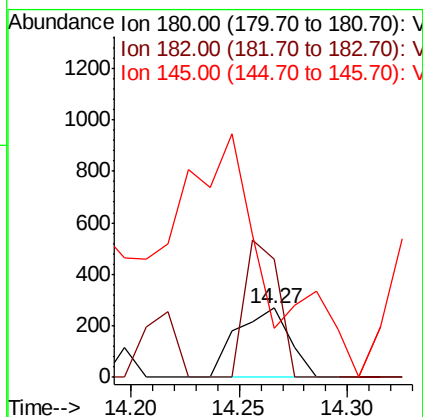
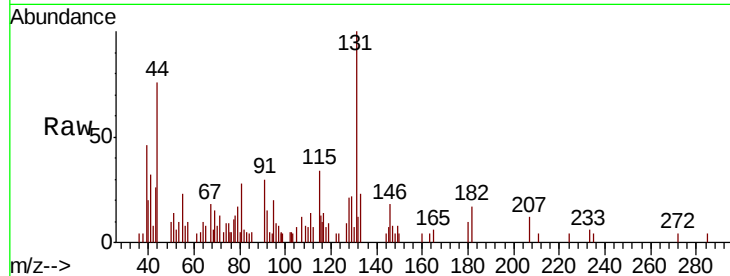




#93
 1,2,4-Trichlorobenzene
 Concen: Below Cal
 RT: 14.27 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: VF059763.D
 Acq: 1 Aug 2018 18:50

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:180 Resp: 465
 Ion Ratio Lower Upper
 180 100
 182 170.7 47.2 141.6#
 145 71.5 19.3 57.9#



#95
 Naphthalene
 Concen: 11.640 ug/l
 RT: 14.52 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: VF059763.D
 Acq: 1 Aug 2018 18:50

Tgt Ion:128 Resp: 80723
 Ion Ratio Lower Upper
 128 100
 127 12.3 10.0 15.0
 129 13.0 8.6 13.0#

