

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
 Data File : VF059760.D
 Acq On : 1 Aug 2018 17:28
 Operator : VA/AP
 Sample : J4231-05
 Misc : 5.05g/5mL/MSVOA_F/SOIL
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-3

Quant Time: Aug 02 05:29:52 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	11033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	10477	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	7969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	3504	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	2773	13.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.96%	
35) Dibromofluoromethane	4.29	113	2940	27.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.04%	
50) Toluene-d8	7.70	98	9471	37.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.64%	
62) 4-Bromofluorobenzene	11.51	95	2410	17.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.32%	

Target Compounds					Qvalue	
3) Chloromethane	1.10	50	410	1.639	ug/l #	38
4) Vinyl Chloride	1.14	62	68	Below Cal	#	47
5) Bromomethane	1.33	94	99	Below Cal	#	80
6) Chloroethane	1.35	64	65	Below Cal	#	35
8) Diethyl Ether	1.80	74	64	1.817	ug/l #	1
10) Methyl Iodide	1.85	142	66	Below Cal	#	1
13) Acrolein	2.12	56	84	34.834	ug/l	99
15) Acrylonitrile	3.19	53	72	5.681	ug/l #	69
16) Acetone	2.33	43	321	9.000	ug/l #	68
17) Carbon Disulfide	1.86	76	66	Below Cal	#	1
18) Methyl Acetate	2.45	43	137	Below Cal	#	64
20) Methylene Chloride	2.28	84	172	Below Cal	#	54
21) trans-1,2-Dichloroethene	2.34	96	147	Below Cal	#	1
23) Vinyl Acetate	3.31	43	399	2.690	ug/l #	83
25) 2-Butanone	4.49	43	66	1.658	ug/l #	74
28) Bromochloromethane	3.80	49	172	Below Cal	#	15
29) Tetrahydrofuran	4.27	42	64	4.184	ug/l #	39
31) Cyclohexane	3.85	56	83	Below Cal	#	15
36) 1,1-Dichloropropene	4.40	75	95	Below Cal	#	46
37) Ethyl Acetate	4.28	43	211	Below Cal	#	19
39) Methylcyclohexane	5.76	83	293	Below Cal	#	13
41) Methacrylonitrile	4.86	41	67	Below Cal	#	24
42) 1,2-Dichloroethane	5.03	62	260	1.756	ug/l #	1
43) Isopropyl Acetate	7.09	43	68	1.085	ug/l #	46
45) 1,2-Dichloropropane	6.23	63	70	1.253	ug/l #	43
46) Dibromomethane	6.13	93	171	3.223	ug/l #	8
48) Methyl methacrylate	6.78	41	88	1.868	ug/l #	40
51) 4-Methyl-2-Pentanone	8.36	43	78	1.637	ug/l #	42
52) Toluene	7.69	92	68	Below Cal	#	1
56) Ethyl methacrylate	8.74	69	120	2.008	ug/l #	14
58) 2-Chloroethyl Vinyl ether	7.76	63	86	12.464	ug/l	100
59) 2-Hexanone	9.60	43	109	2.854	ug/l #	30
66) 1,1,1,2-Tetrachloroethane	10.06	131	76	1.021	ug/l #	9
68) m/p-Xylenes	10.10	106	90	Below Cal	#	1

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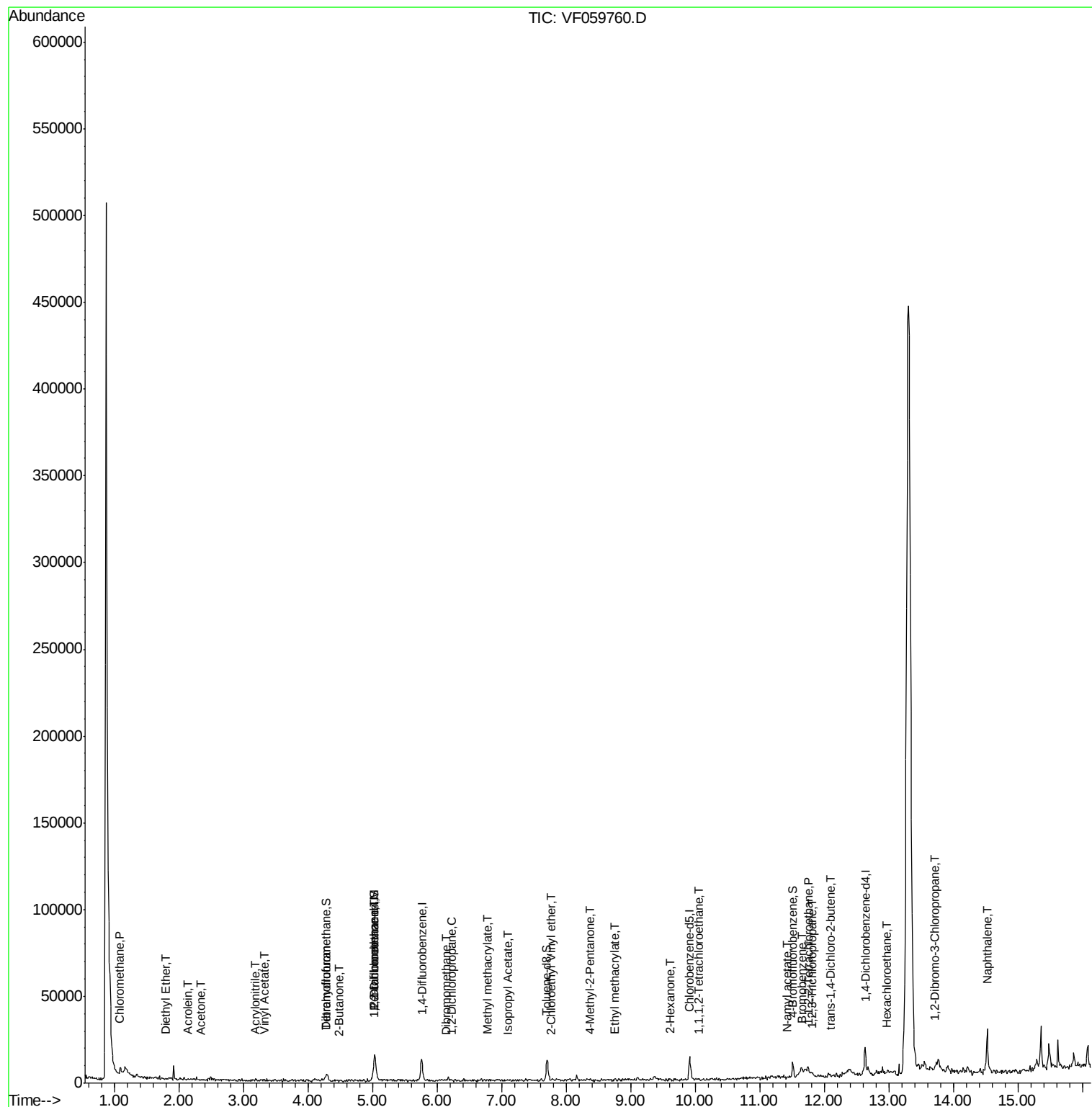
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	11.44	43	486	8.379	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.76	83	73	1.687	ug/l #	73
76) 1,2,3-Trichloropropane	11.81	75	198	5.380	ug/l #	1
77) Bromobenzene	11.63	156	1340	22.319	ug/l #	1
78) n-propylbenzene	11.68	91	543	Below Cal	#	54
79) 2-Chlorotoluene	11.80	91	343	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	11.90	105	384	Below Cal		95
81) trans-1,4-Dichloro-2-buten	12.09	75	66	4.330	ug/l #	1
82) 4-Chlorotoluene	12.01	91	67	Below Cal	#	44
84) 1,2,4-Trimethylbenzene	12.28	105	646	Below Cal		68
85) sec-Butylbenzene	12.38	105	115	Below Cal	#	57
86) p-Isopropyltoluene	12.54	119	651	Below Cal	#	62
89) n-Butylbenzene	12.91	91	850	Below Cal	#	35
90) Hexachloroethane	12.95	117	71	1.224	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	13.70	75	168	15.879	ug/l #	9
95) Naphthalene	14.52	128	22016	145.731	ug/l #	91

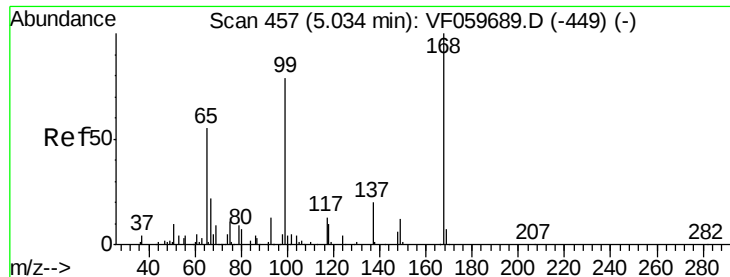
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

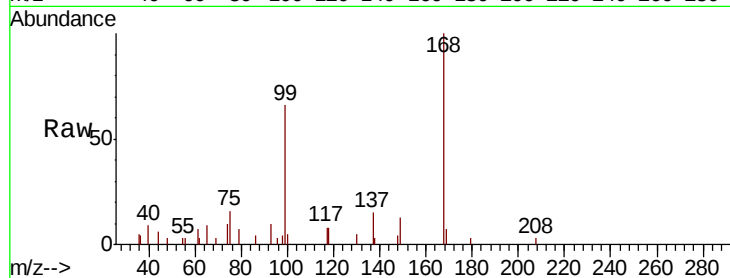
2018-NYSEG-CLARK-AREA-14-3

Tgt Ion:168 Resp: 11033

Ion Ratio Lower Upper

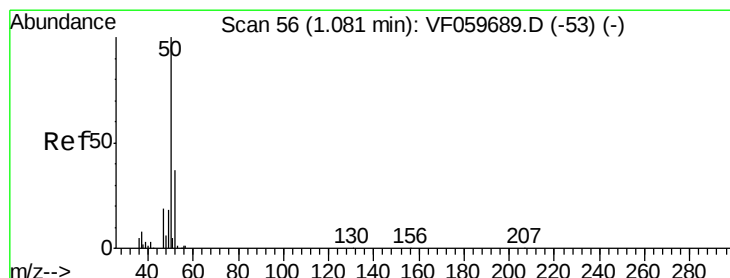
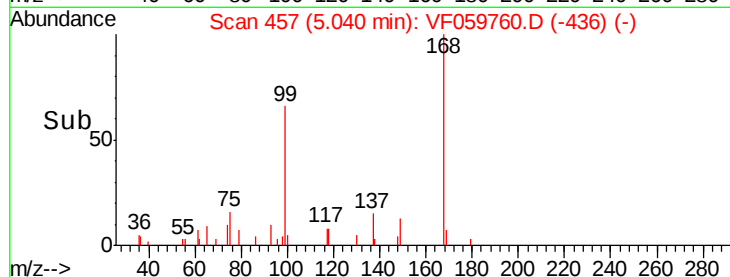
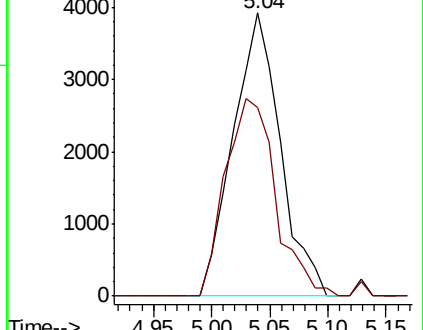
168 100

99 66.4 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#3

Chloromethane

Concen: 1.639 ug/l

RT: 1.10 min Scan# 57

Delta R.T. 0.02 min

Lab File: VF059760.D

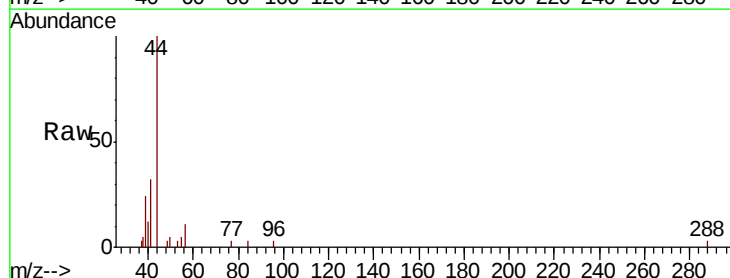
Acq: 1 Aug 2018 17:28

Tgt Ion: 50 Resp: 410

Ion Ratio Lower Upper

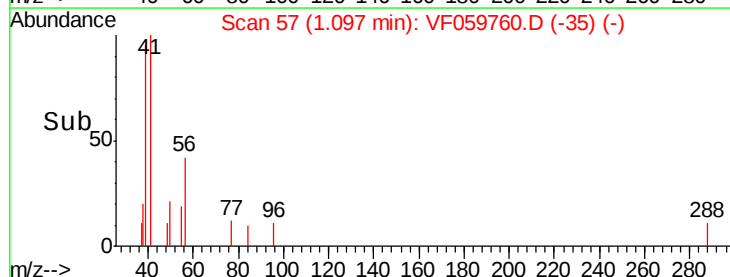
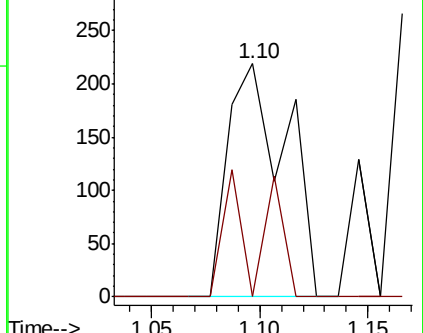
50 100

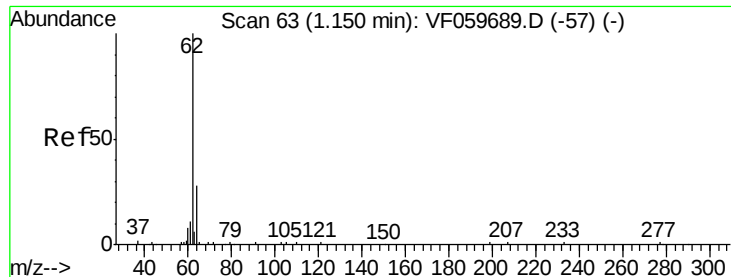
52 0.0 29.1 43.7#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#4

Vinyl Chloride

Concen: Below Cal

RT: 1.14 min Scan# 61

Delta R.T. -0.01 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

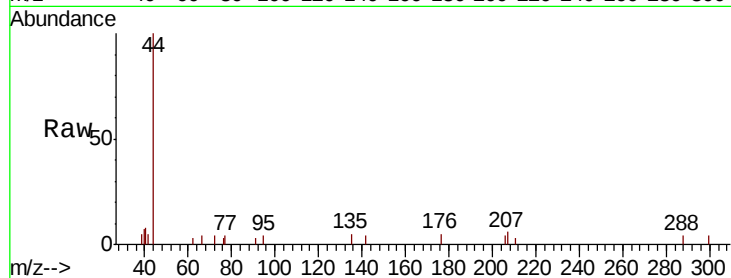
2018-NYSEG-CLARK-AREA-14-3

Tgt Ion: 62 Resp: 68

Ion Ratio Lower Upper

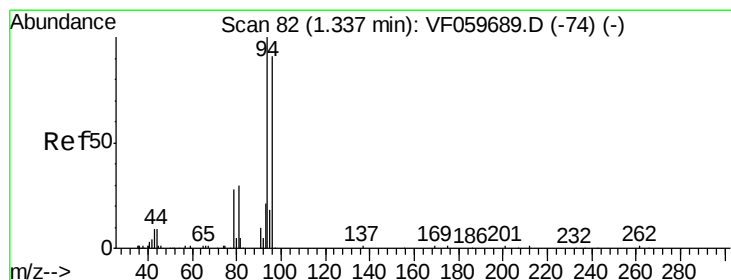
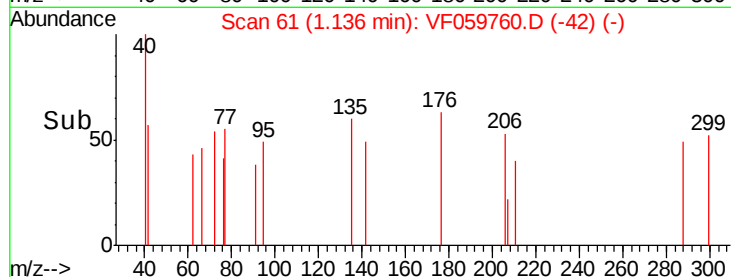
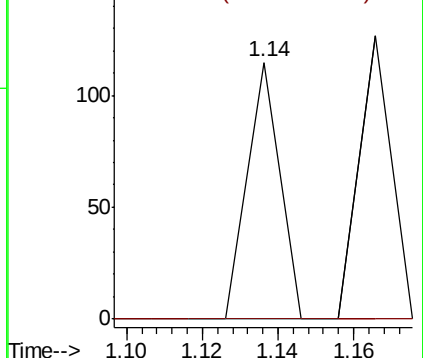
62 100

64 0.0 22.6 33.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0



#5

Bromomethane

Concen: Below Cal

RT: 1.33 min Scan# 81

Delta R.T. -0.00 min

Lab File: VF059760.D

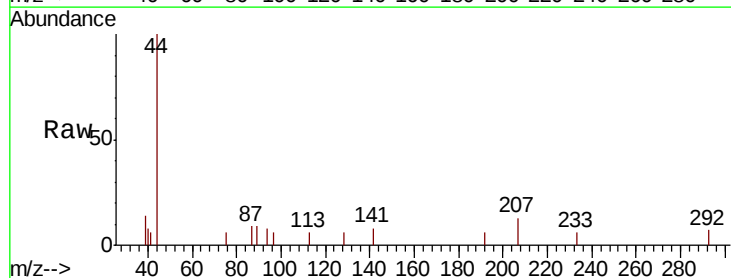
Acq: 1 Aug 2018 17:28

Tgt Ion: 94 Resp: 99

Ion Ratio Lower Upper

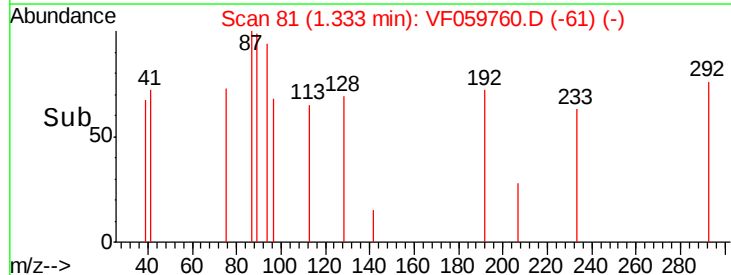
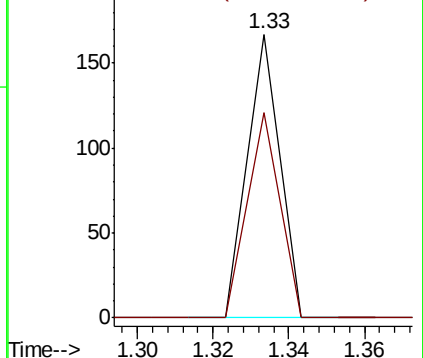
94 100

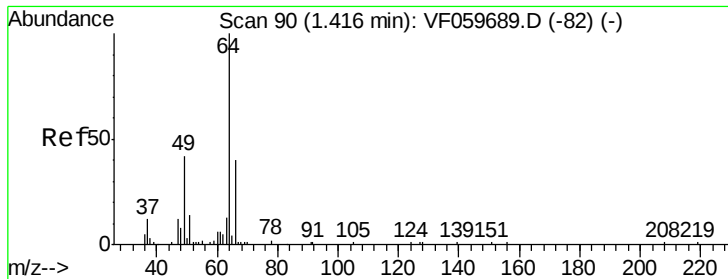
96 72.5 73.6 110.4#



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: 1.35 min Scan# 83

Delta R.T. -0.06 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

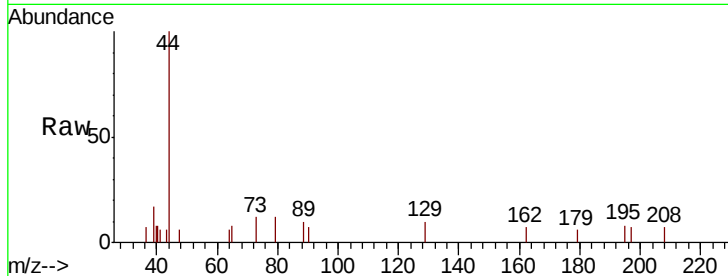
2018-NYSEG-CLARK-AREA-14-3

Tgt Ion: 64 Resp: 65

Ion Ratio Lower Upper

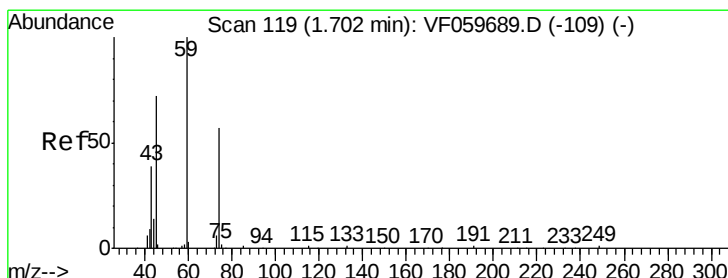
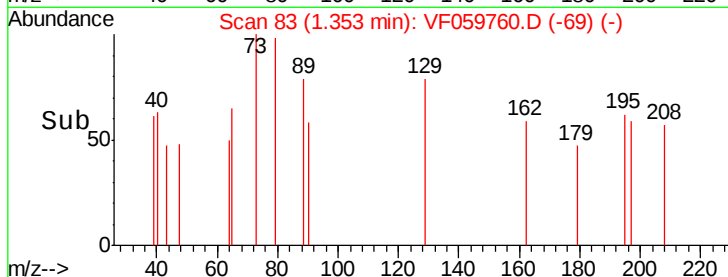
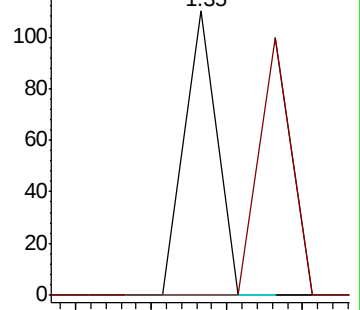
64 100

66 0.0 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: 1.817 ug/l

RT: 1.80 min Scan# 128

Delta R.T. 0.09 min

Lab File: VF059760.D

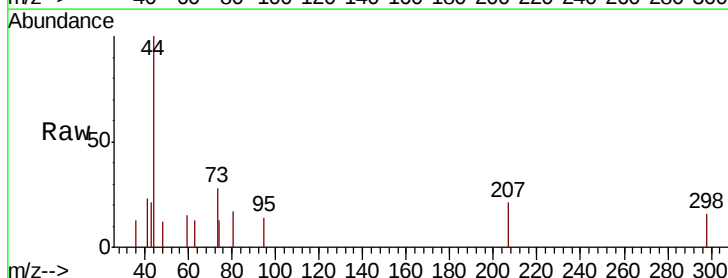
Acq: 1 Aug 2018 17:28

Tgt Ion: 74 Resp: 64

Ion Ratio Lower Upper

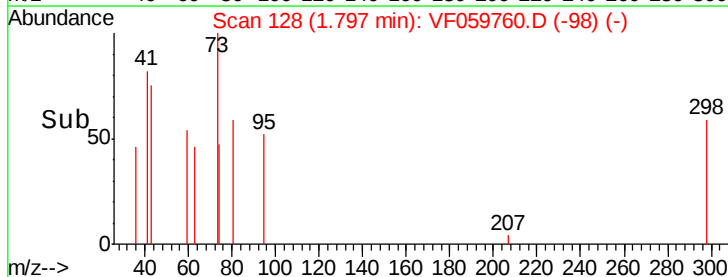
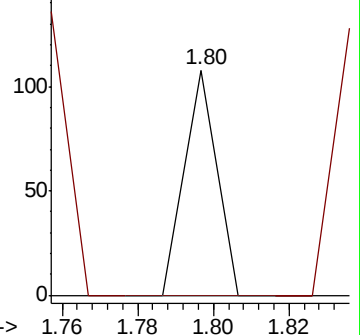
74 100

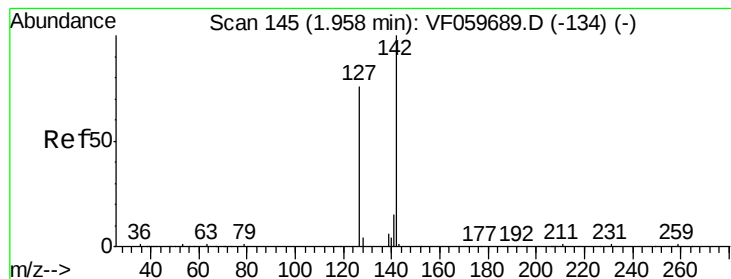
45 0.0 62.7 188.2#



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: 1.85 min Scan# 133

Delta R.T. -0.11 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

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ClientSampleId :

2018-NYSEG-CLARK-AREA-14-3

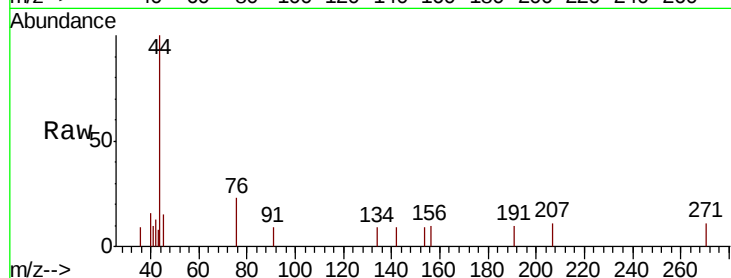
Tgt Ion:142 Resp: 66

Ion Ratio Lower Upper

142 100

127 0.0 60.6 91.0#

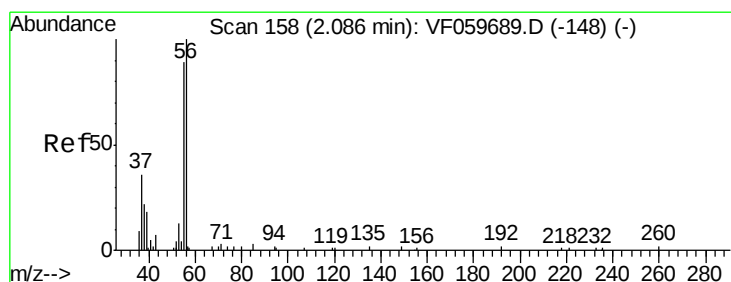
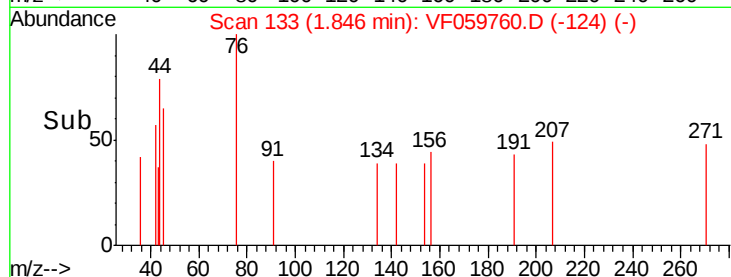
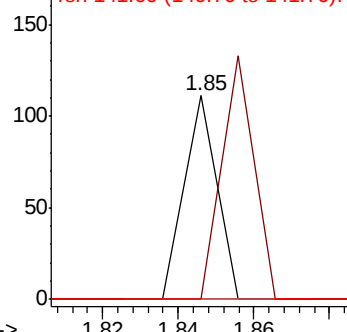
141 100.0 12.0 18.0#



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: 34.834 ug/l

RT: 2.12 min Scan# 161

Delta R.T. 0.04 min

Lab File: VF059760.D

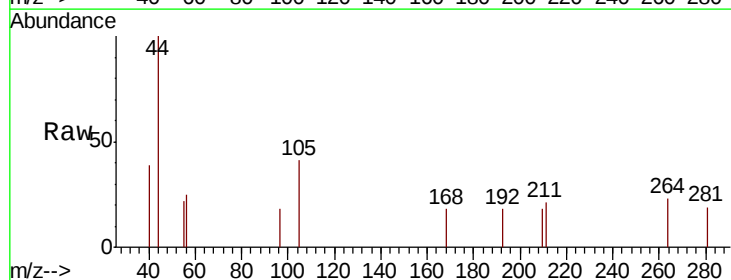
Acq: 1 Aug 2018 17:28

Tgt Ion: 56 Resp: 84

Ion Ratio Lower Upper

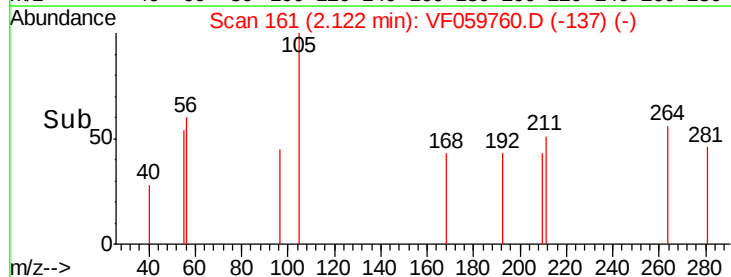
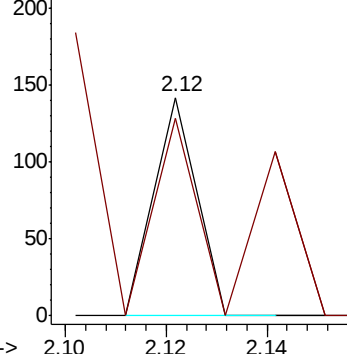
56 100

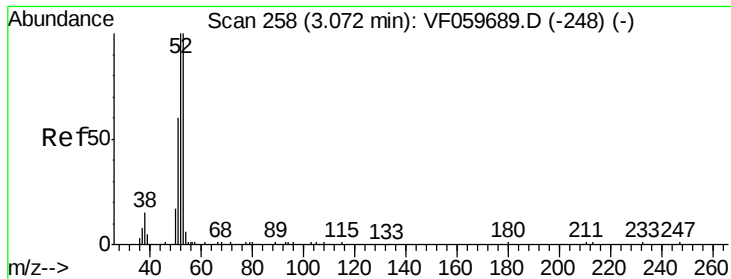
55 90.1 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0





#15

Acrylonitrile

Concen: 5.681 ug/l

RT: 3.19 min Scan# 269

Delta R.T. 0.11 min

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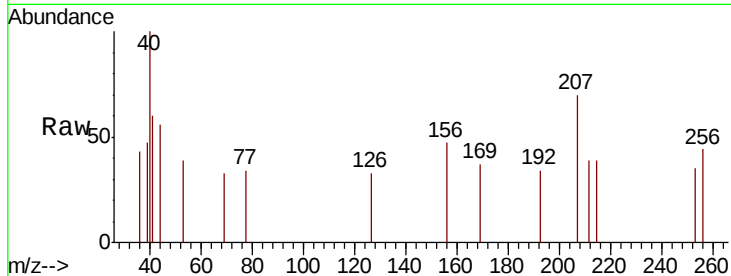
Tgt Ion: 53 Resp: 72

Ion Ratio Lower Upper

53 100

52 100.0 80.3 120.5

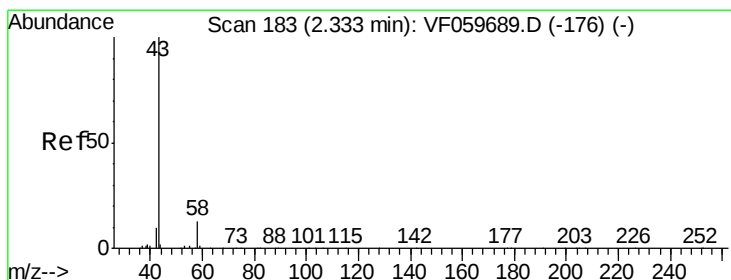
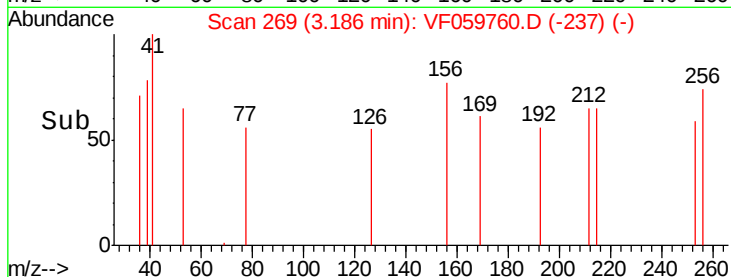
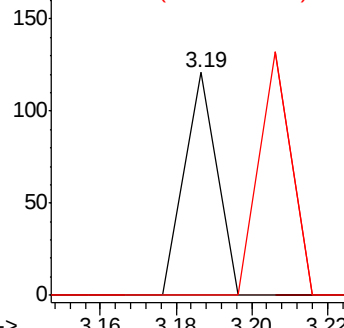
51 0.0 49.4 74.0#



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: 9.000 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059760.D

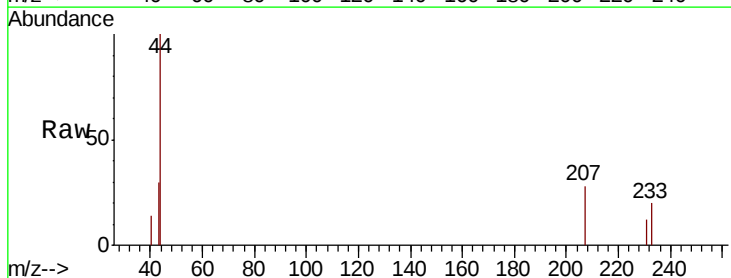
Acq: 1 Aug 2018 17:28

Tgt Ion: 43 Resp: 321

Ion Ratio Lower Upper

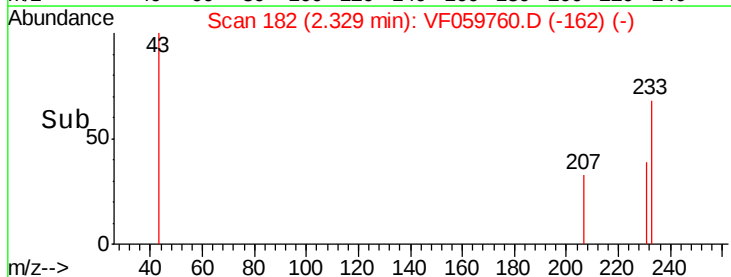
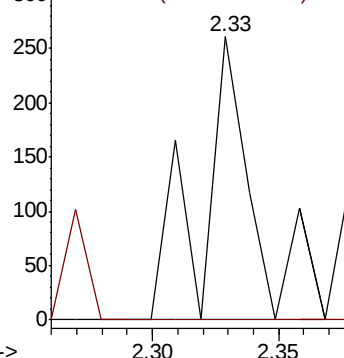
43 100

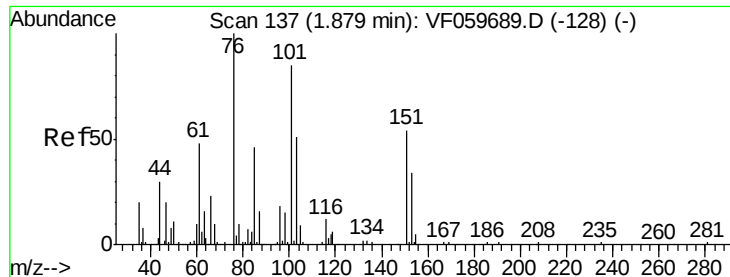
58 0.0 10.1 15.1#



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: 1.86 min Scan# 134

Delta R.T. -0.02 min

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ClientSampleId :

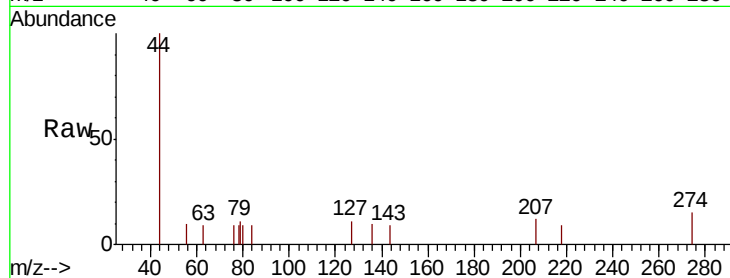
2018-NYSEG-CLARK-AREA-14-3

Tgt Ion: 76 Resp: 66

Ion Ratio Lower Upper

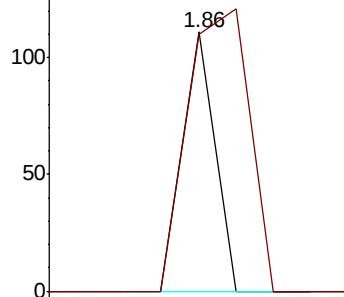
76 100

78 99.1 8.9 13.3#

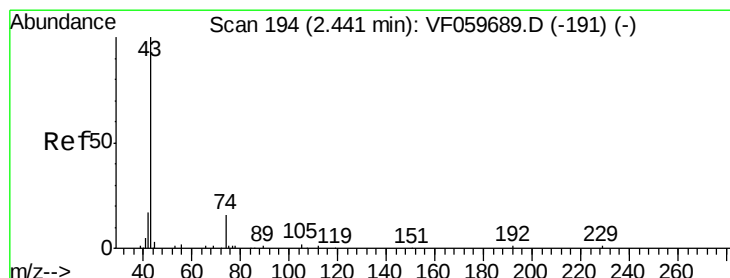
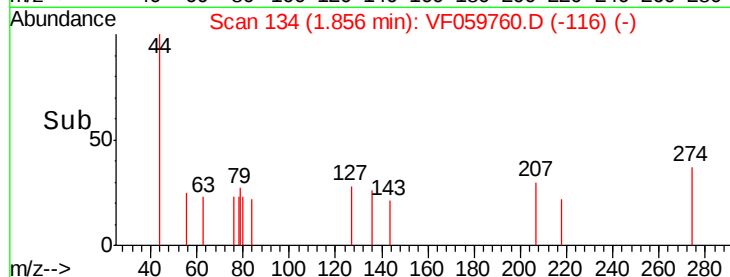


Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 2.45 min Scan# 194

Delta R.T. 0.01 min

Lab File: VF059760.D

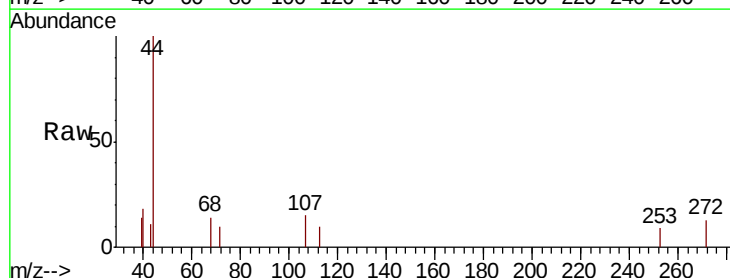
Acq: 1 Aug 2018 17:28

Tgt Ion: 43 Resp: 137

Ion Ratio Lower Upper

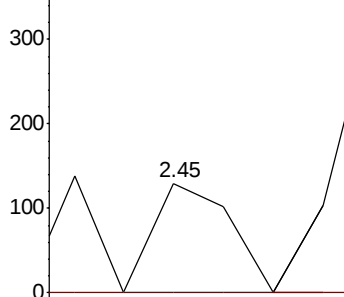
43 100

74 0.0 11.8 17.6#

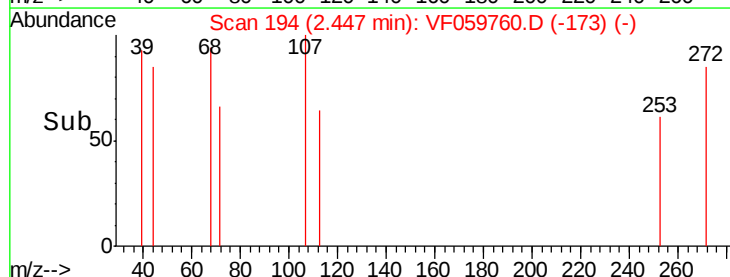


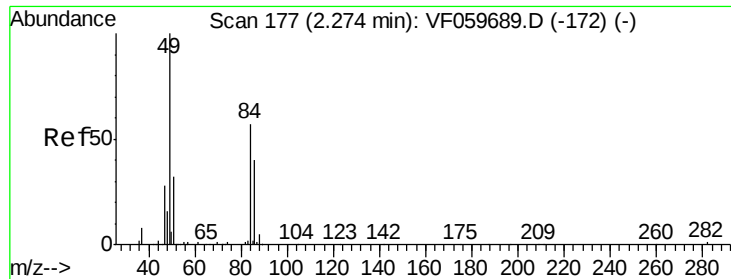
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0



Time-->

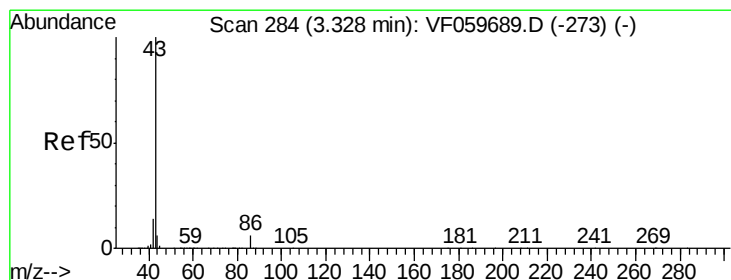
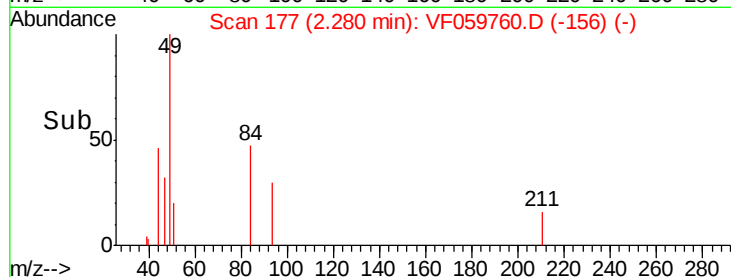
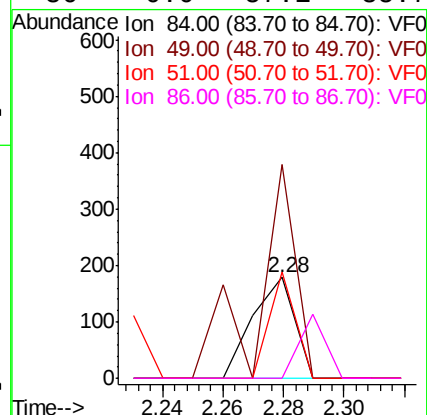
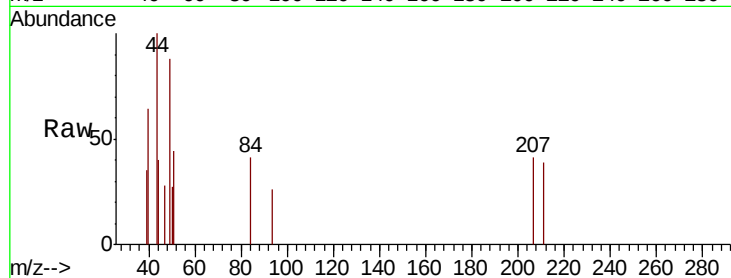




#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

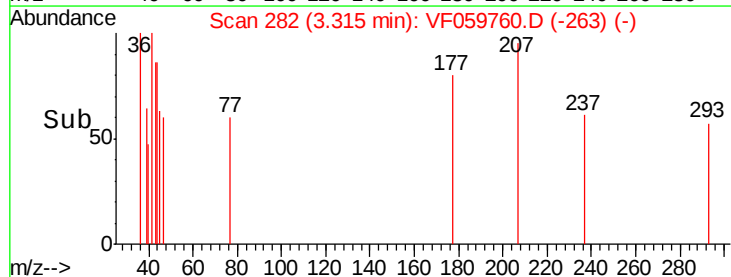
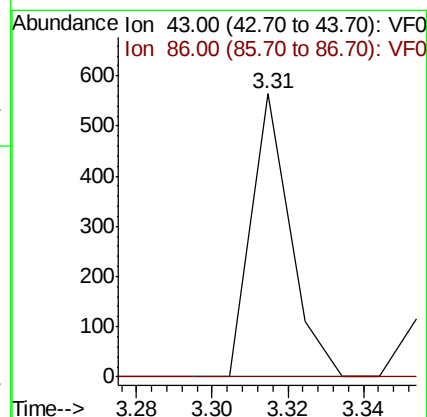
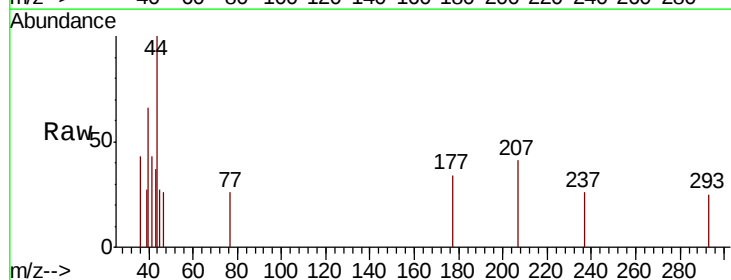
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

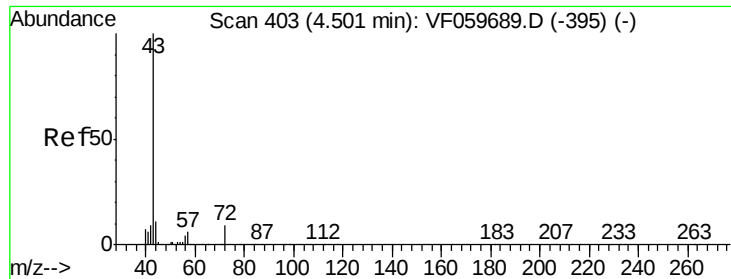
Tgt Ion: 84 Resp: 172
Ion Ratio Lower Upper
84 100
49 211.7 142.2 213.4
51 105.0 46.2 69.2#
86 0.0 57.1 85.7#



#23
Vinyl Acetate
Concen: 2.690 ug/l
RT: 3.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
86 0.0 4.6 6.8#





#25

2-Butanone

Concen: 1.658 ug/l

RT: 4.49 min Scan# 401

Delta R.T. -0.01 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

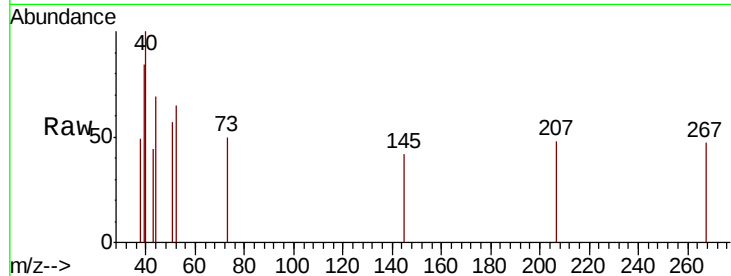
2018-NYSEG-CLARK-AREA-14-3

Tgt Ion: 43 Resp: 66

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

4.49

120

100

80

60

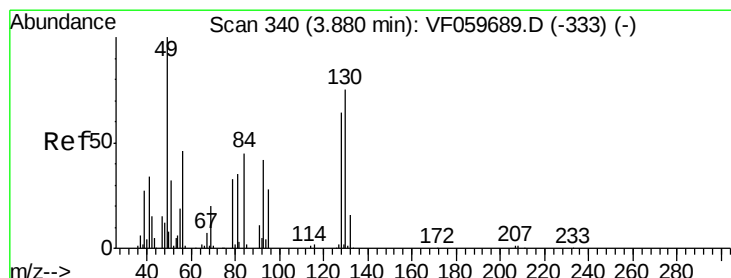
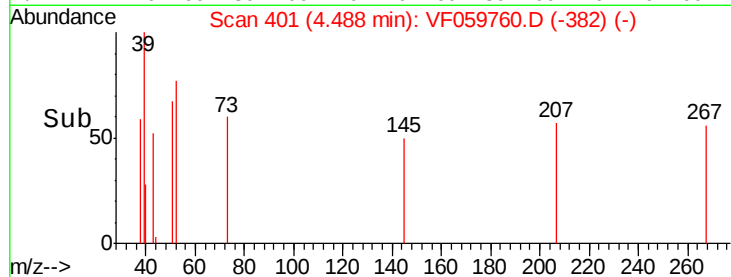
40

20

0

4.46 4.48 4.50 4.52

Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 3.80 min Scan# 331

Delta R.T. -0.08 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

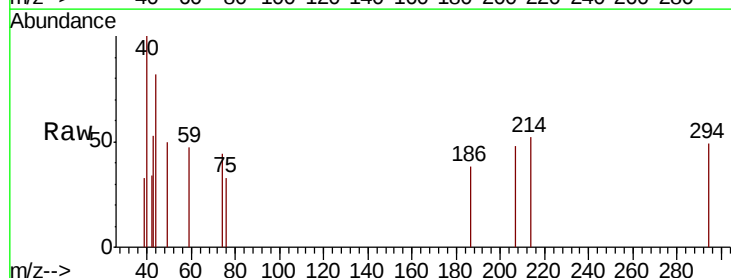
Tgt Ion: 49 Resp: 172

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

200

150

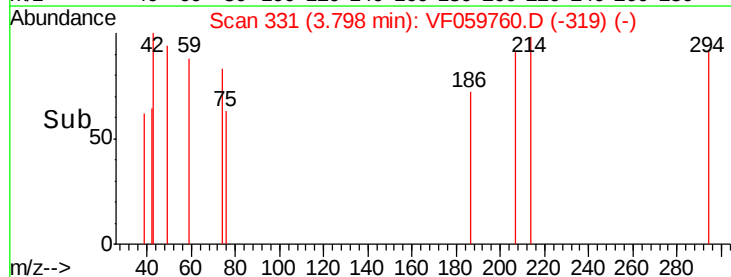
100

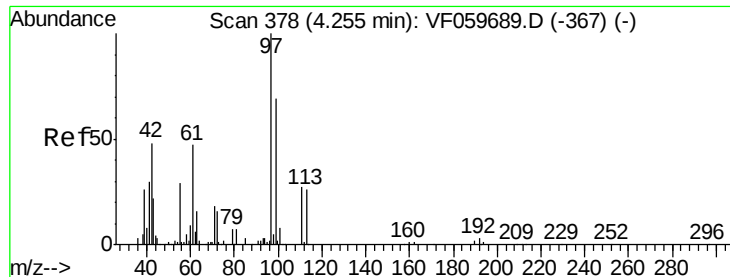
50

0

3.76 3.78 3.80 3.82 3.84

Time-->





#29

Tetrahydrofuran

Concen: 4.184 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.02 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-3

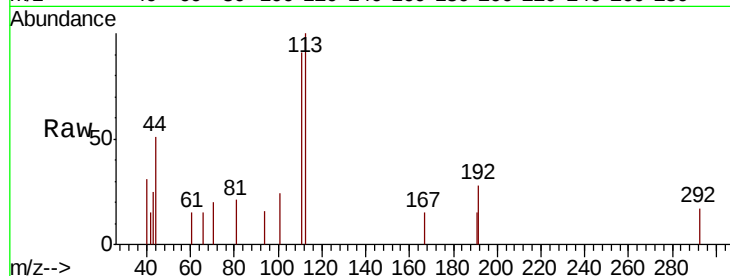
Tgt Ion: 42 Resp: 64

Ion Ratio Lower Upper

42 100

72 0.0 27.0 40.6#

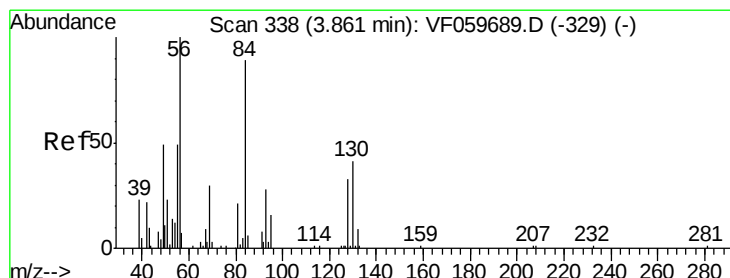
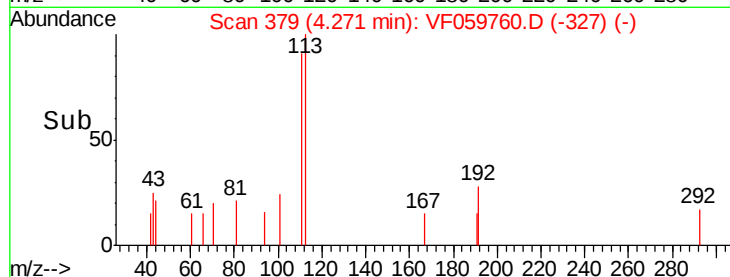
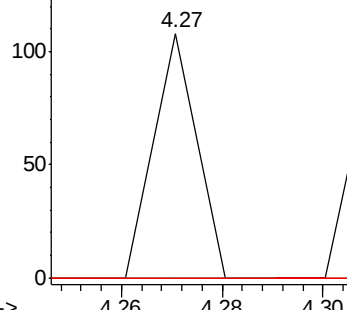
71 0.0 29.7 44.5#



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: 3.85 min Scan# 336

Delta R.T. -0.01 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

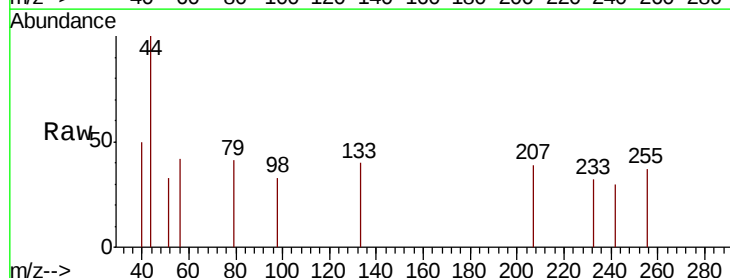
Tgt Ion: 56 Resp: 83

Ion Ratio Lower Upper

56 100

69 0.0 23.7 35.5#

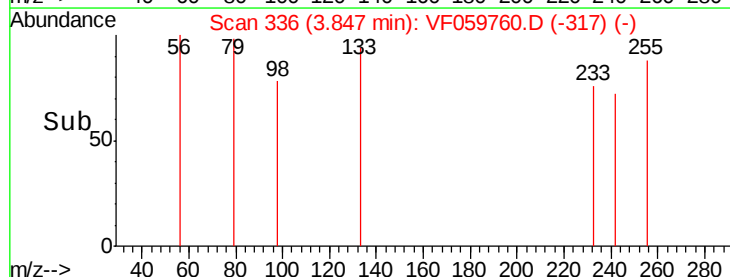
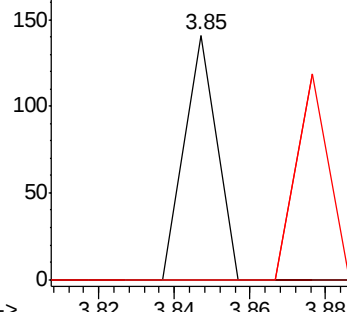
84 0.0 71.1 106.7#

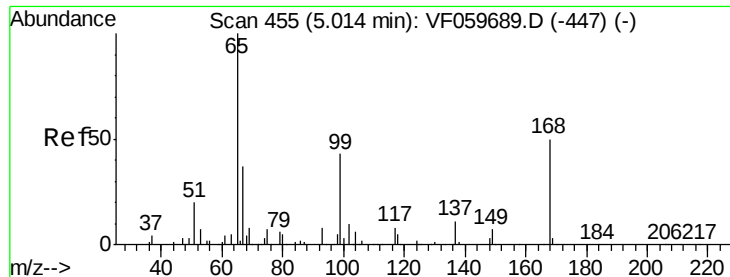


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 13.985 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

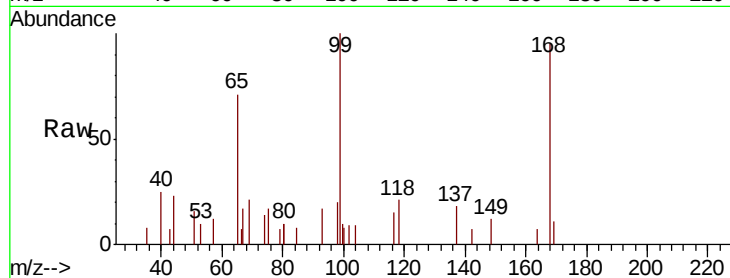
2018-NYSEG-CLARK-AREA-14-3

Tgt Ion: 65 Resp: 2773

Ion Ratio Lower Upper

65 100

67 23.7 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

1200

1000

800

600

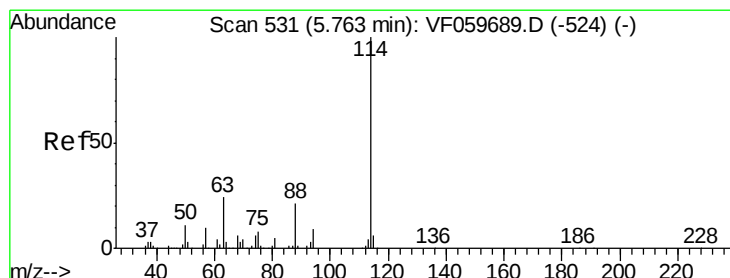
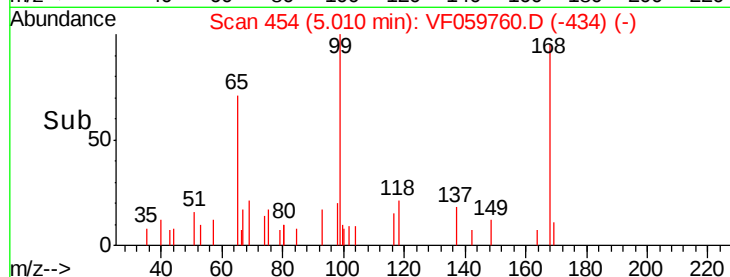
400

200

0

4.95 5.00 5.05 5.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

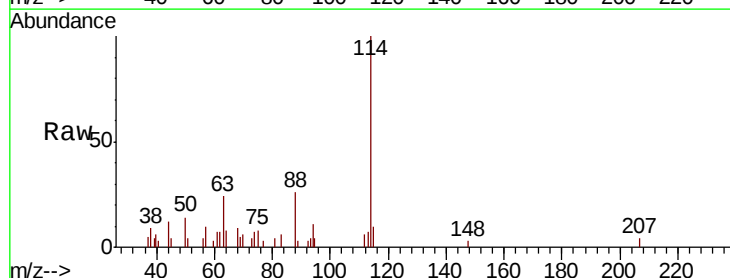
Tgt Ion: 114 Resp: 10477

Ion Ratio Lower Upper

114 100

63 24.5 0.0 47.4

88 26.2 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

5.76

5000

4000

3000

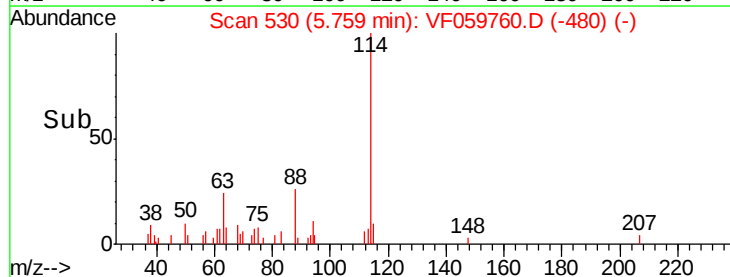
2000

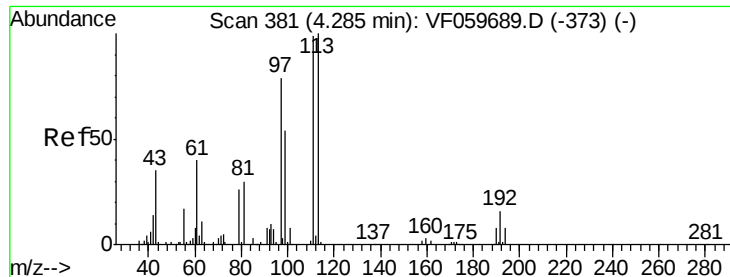
1000

0

5.65 5.70 5.75 5.80 5.85

Time-->





#35

Dibromofluoromethane

Concen: 27.017 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-3

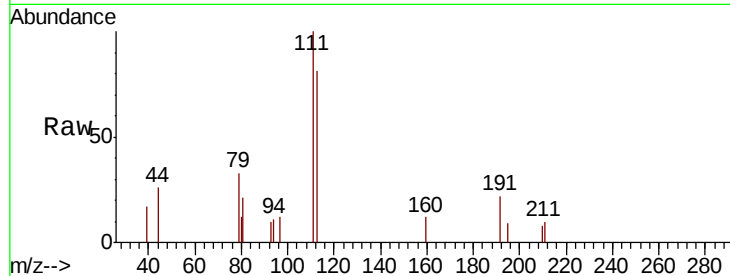
Tgt Ion: 113 Resp: 2940

Ion Ratio Lower Upper

113 100

111 124.1 79.0 118.4#

192 0.0 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

1500

1000

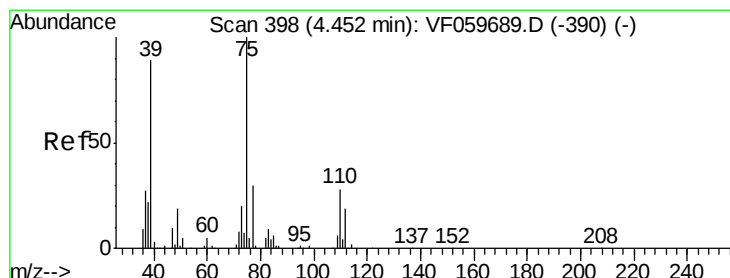
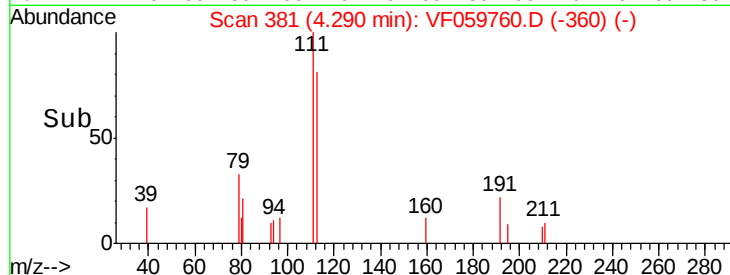
500

0

4.29

4.20 4.25 4.30 4.35

Time-->



#36

1,1-Dichloropropene

Concen: Below Cal

RT: 4.40 min Scan# 392

Delta R.T. -0.05 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

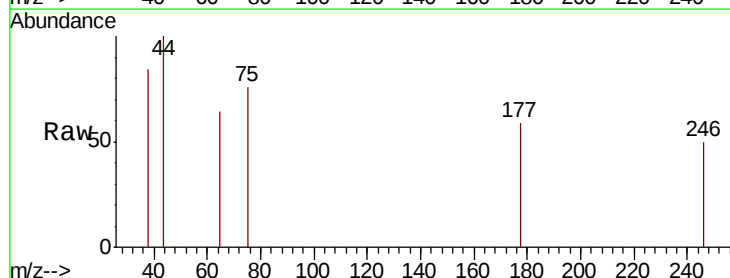
Tgt Ion: 75 Resp: 95

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

200

150

100

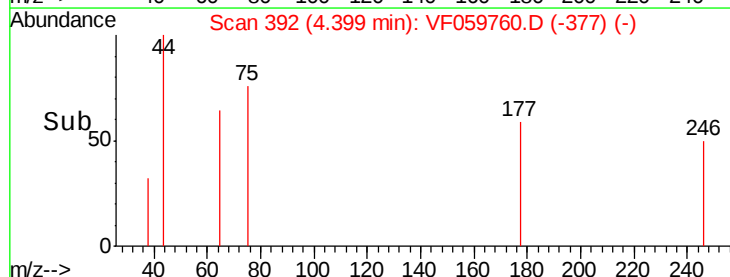
50

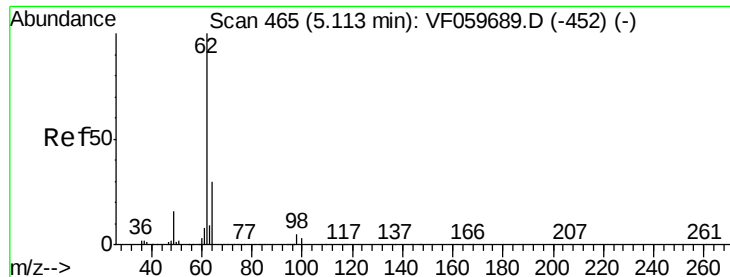
0

4.40

4.36 4.38 4.40 4.42

Time-->





#42

1,2-Dichloroethane

Concen: 1.756 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.08 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

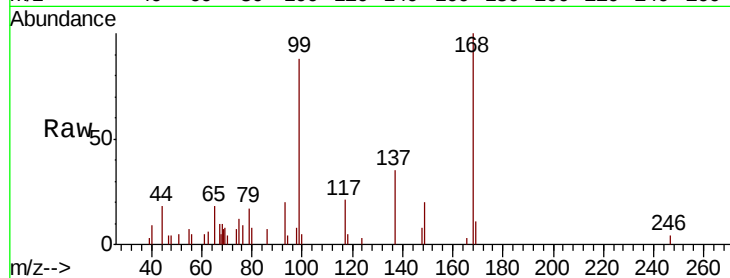
2018-NYSEG-CLARK-AREA-14-3

Tgt Ion: 62 Resp: 260

Ion Ratio Lower Upper

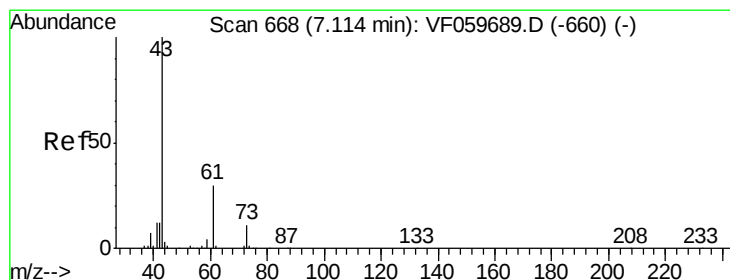
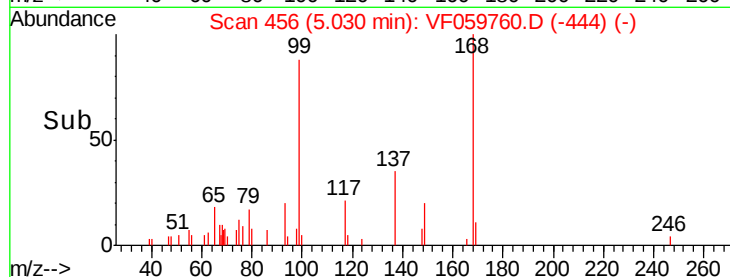
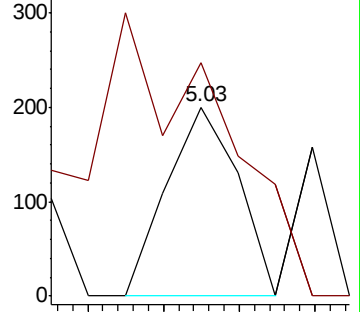
62 100

98 124.0 0.0 9.6#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#43

Isopropyl Acetate

Concen: 1.085 ug/l

RT: 7.09 min Scan# 665

Delta R.T. -0.02 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

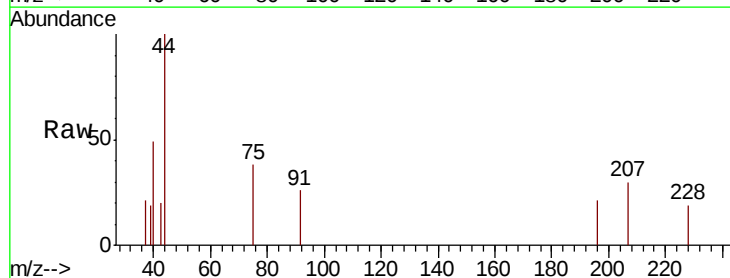
Tgt Ion: 43 Resp: 68

Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.8#

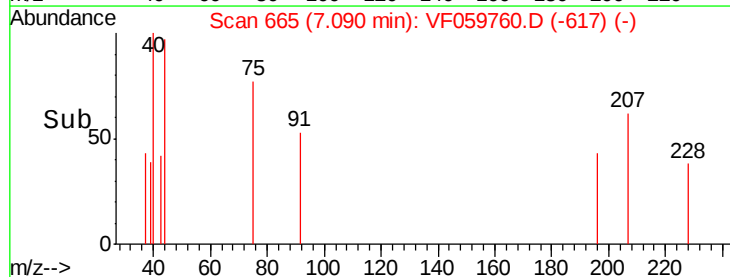
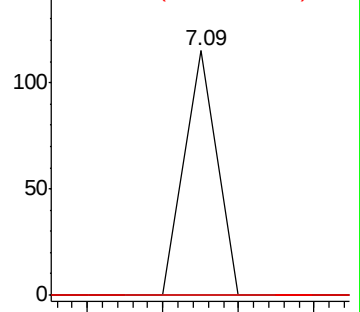
87 0.0 0.6 1.0#

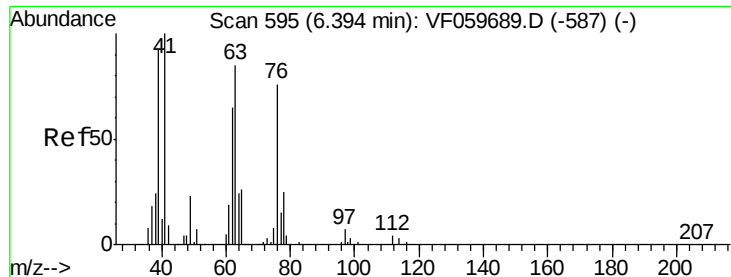


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#45

1,2-Dichloropropane

Concen: 1.253 ug/l

RT: 6.23 min Scan# 578

Delta R.T. -0.16 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

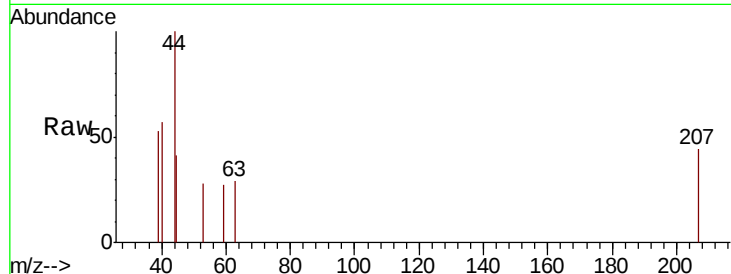
2018-NYSEG-CLARK-AREA-14-3

Tgt Ion: 63 Resp: 70

Ion Ratio Lower Upper

63 100

65 0.0 25.2 37.8#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.23

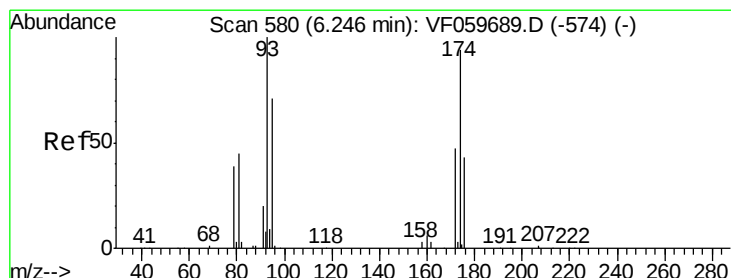
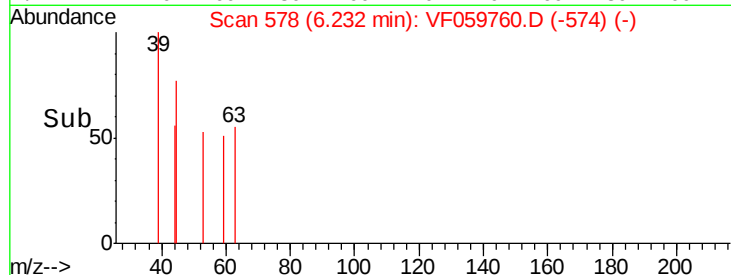
100

50

0

6.22 6.24 6.26

Time-->



#46

Dibromomethane

Concen: 3.223 ug/l

RT: 6.13 min Scan# 568

Delta R.T. -0.11 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

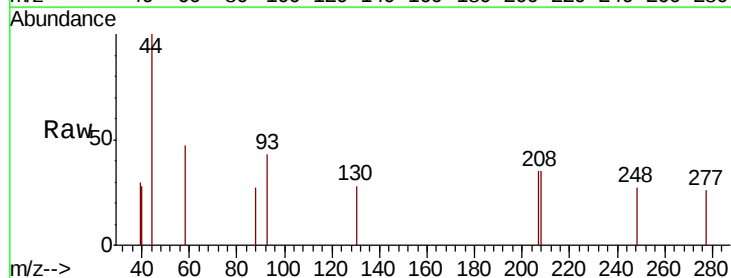
Tgt Ion: 93 Resp: 171

Ion Ratio Lower Upper

93 100

95 0.0 57.1 85.7#

174 0.0 74.8 112.2#



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

200

150

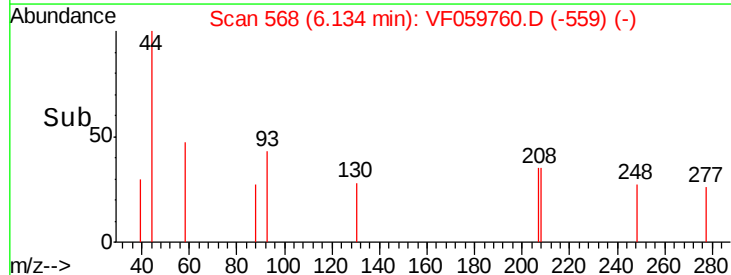
100

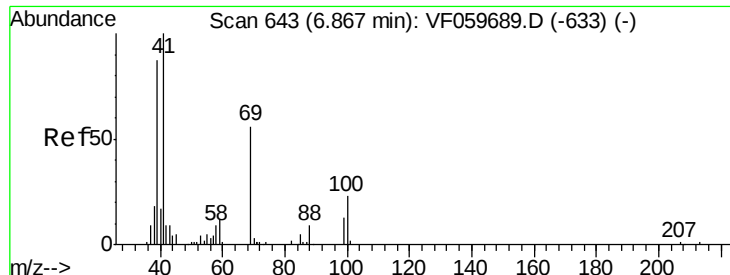
50

0

6.08 6.10 6.12 6.14 6.16

Time-->

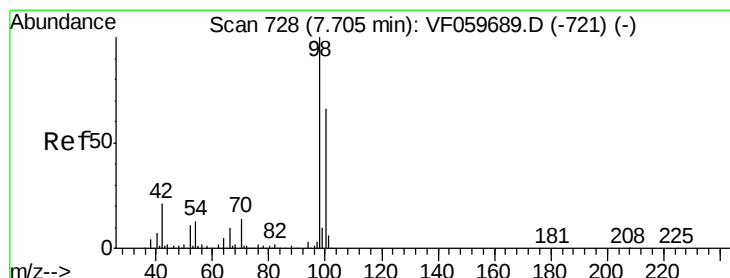
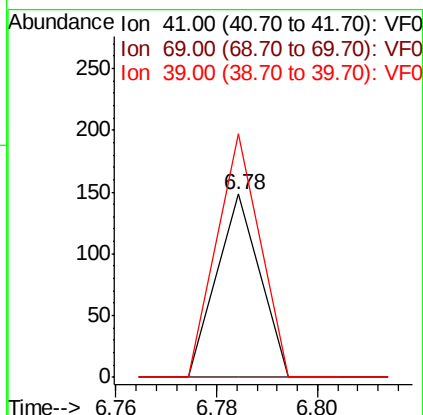
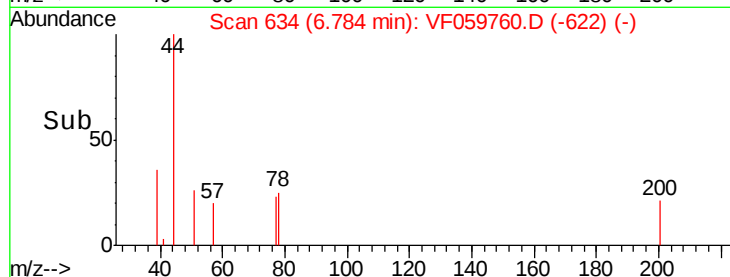
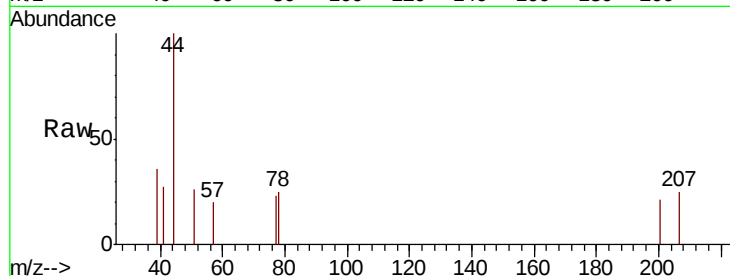




#48
Methyl methacrylate
Concen: 1.868 ug/l
RT: 6.78 min Scan# 634
Delta R.T. -0.08 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

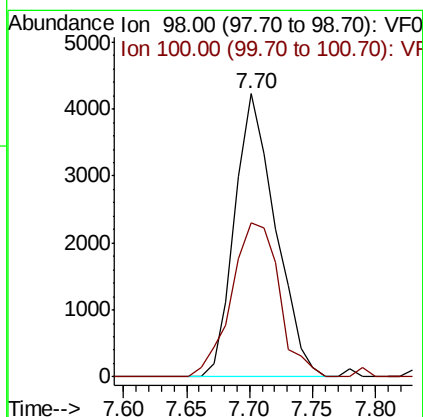
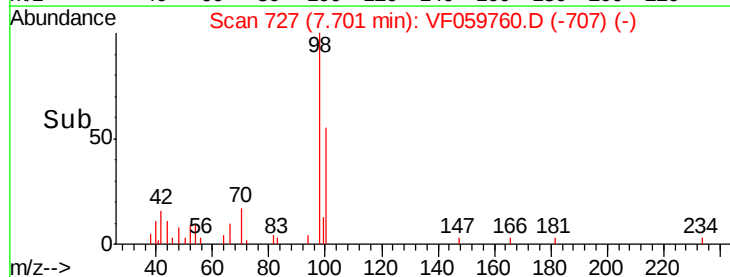
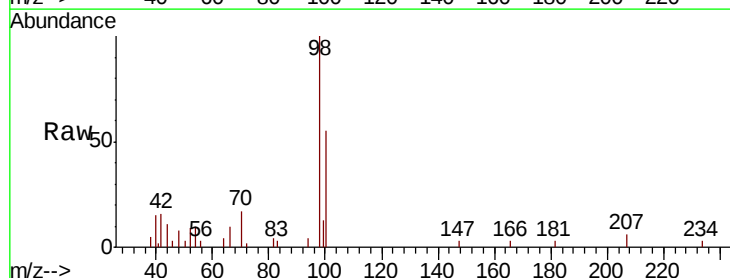
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

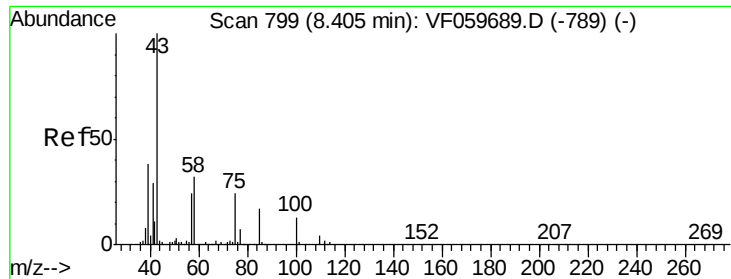
Tgt Ion: 41 Resp: 88
Ion Ratio Lower Upper
41 100
69 0.0 44.4 66.6#
39 133.1 69.4 104.2#



#50
Toluene-d8
Concen: 37.322 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

Tgt Ion: 98 Resp: 9471
Ion Ratio Lower Upper
98 100
100 54.5 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 1.637 ug/l

RT: 8.36 min Scan# 794

Delta R.T. -0.04 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

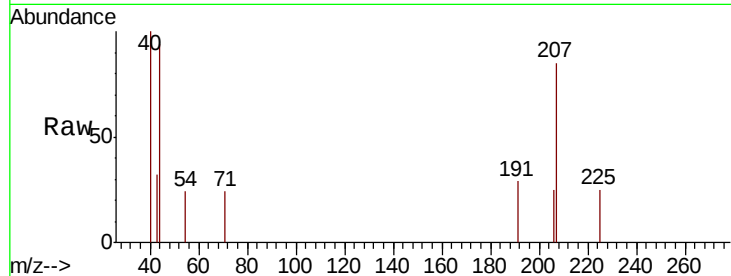
2018-NYSEG-CLARK-AREA-14-3

Tgt Ion: 43 Resp: 78

Ion Ratio Lower Upper

43 100

58 0.0 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.36

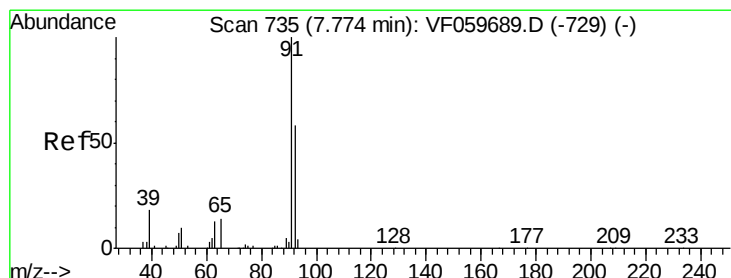
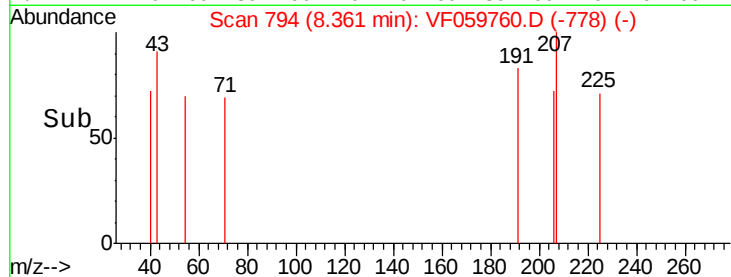
150

100

50

0

Time-->



#52

Toluene

Concen: Below Cal

RT: 7.69 min Scan# 726

Delta R.T. -0.08 min

Lab File: VF059760.D

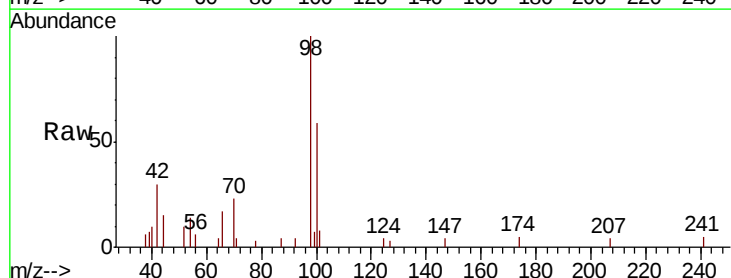
Acq: 1 Aug 2018 17:28

Tgt Ion: 92 Resp: 68

Ion Ratio Lower Upper

92 100

91 0.0 139.0 208.4#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

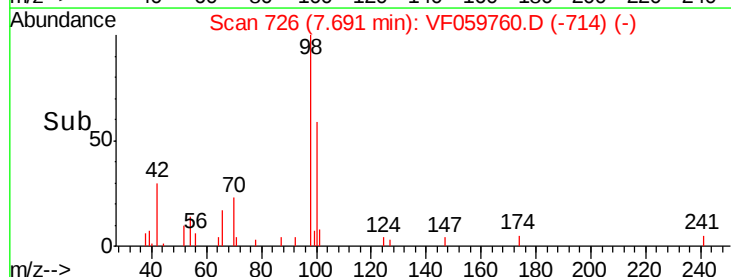
7.69

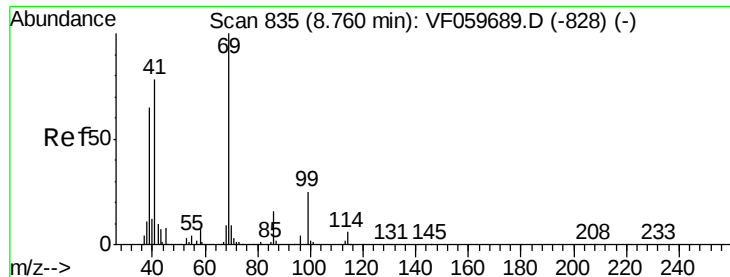
100

50

0

Time-->





#56

Ethyl methacrylate

Concen: 2.008 ug/l

RT: 8.74 min Scan# 832

Delta R.T. -0.02 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

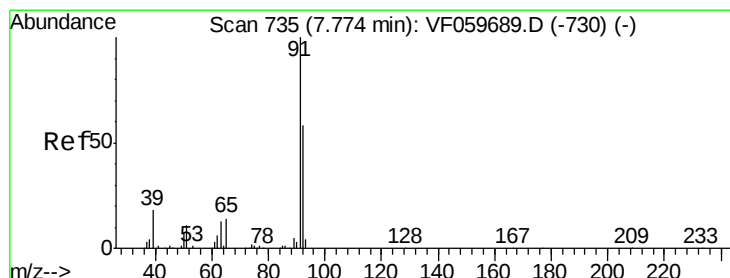
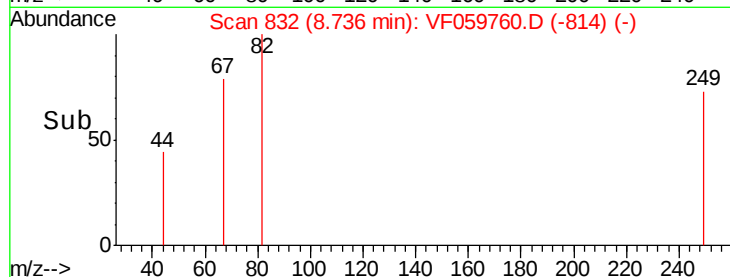
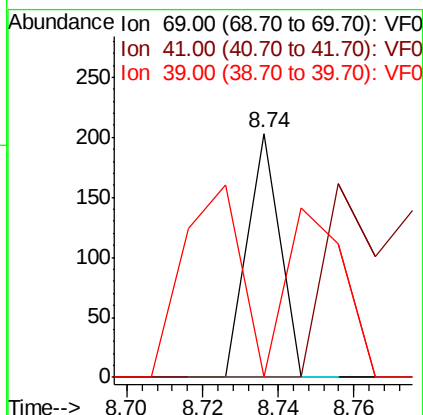
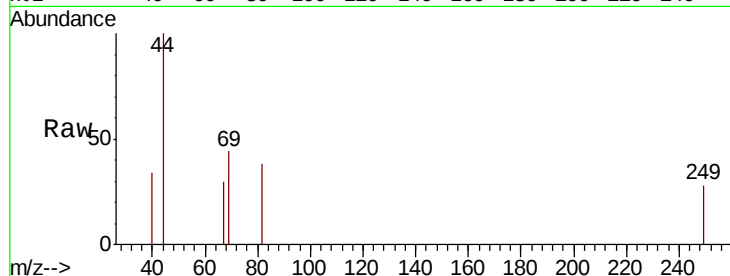
Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-3

Tgt Ion:	69	Resp:	120
Ion	Ratio	Lower	Upper
69	100		
41	0.0	62.3	93.5#
39	0.0	52.4	78.6#



#58

2-Chloroethyl Vinyl ether

Concen: 12.464 ug/l

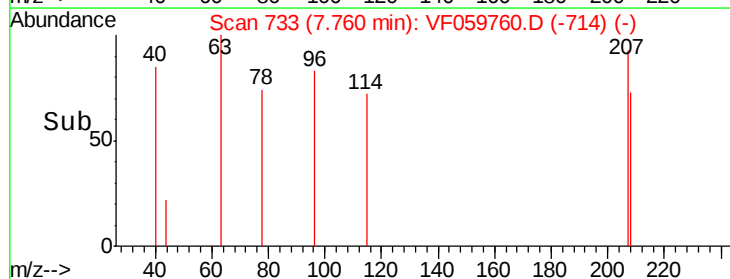
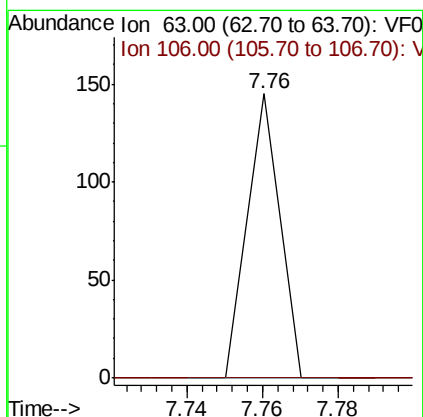
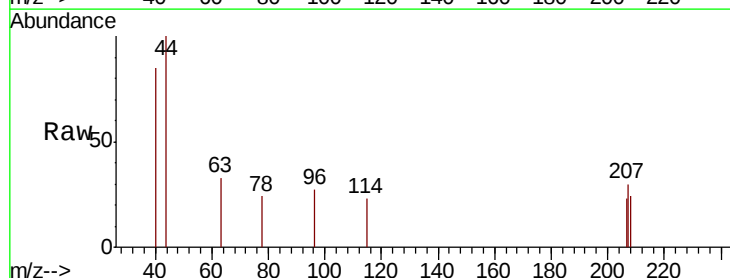
RT: 7.76 min Scan# 733

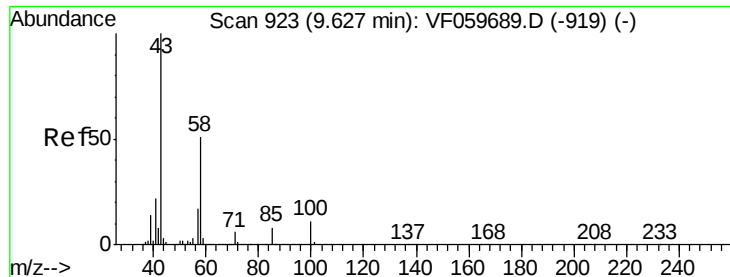
Delta R.T. -0.01 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Tgt Ion:	63	Resp:	86
Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

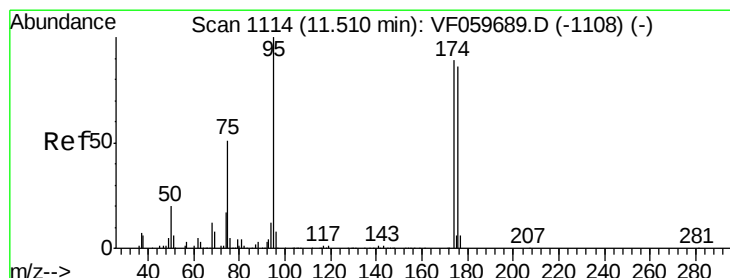
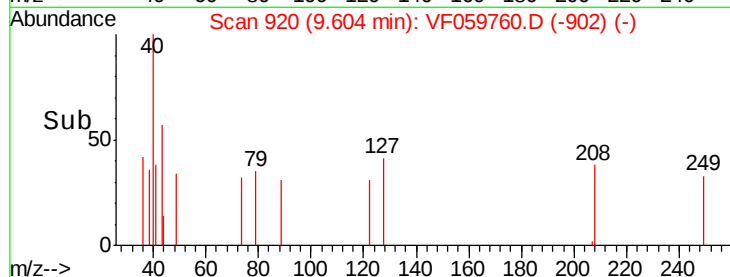
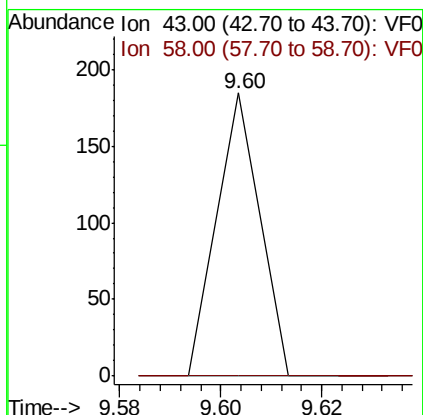
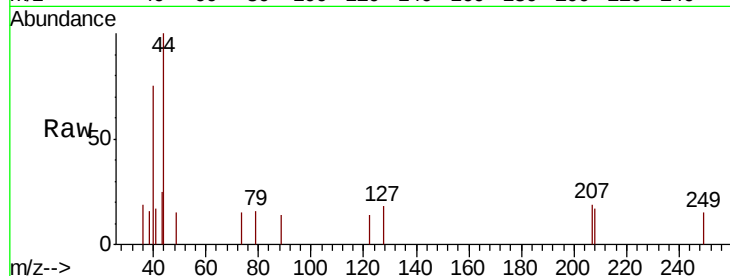




#59
2-Hexanone
Concen: 2.854 ug/l
RT: 9.60 min Scan# 920
Delta R.T. -0.02 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

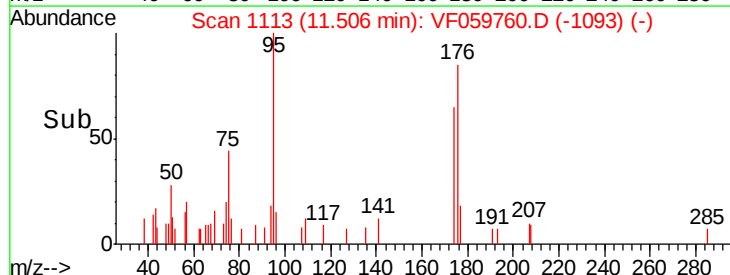
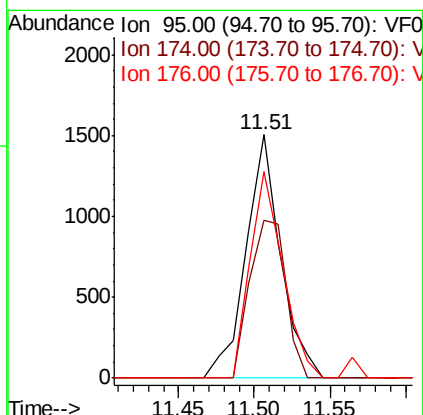
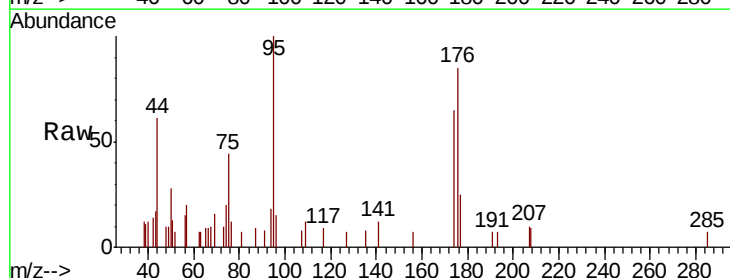
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

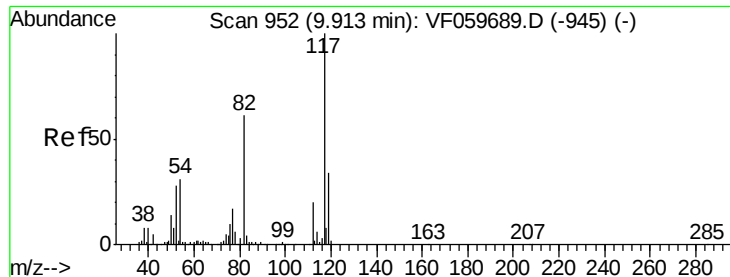
Tgt Ion: 43 Resp: 109
Ion Ratio Lower Upper
43 100
58 0.0 23.3 69.8#



#62
4-Bromofluorobenzene
Concen: 17.155 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

Tgt Ion: 95 Resp: 2410
Ion Ratio Lower Upper
95 100
174 65.1 0.0 178.4
176 84.9 0.0 173.0

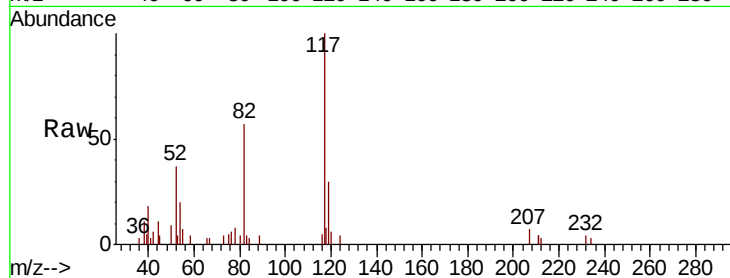




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.8	49.0	73.4
119	30.5	27.3	40.9

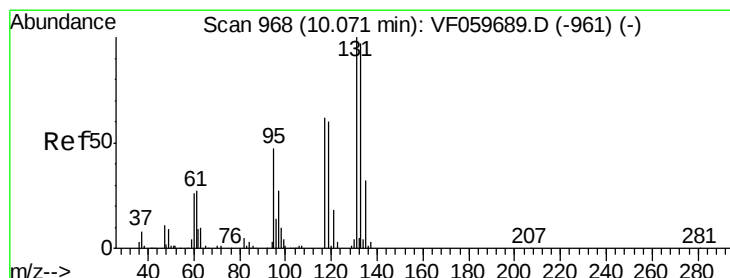
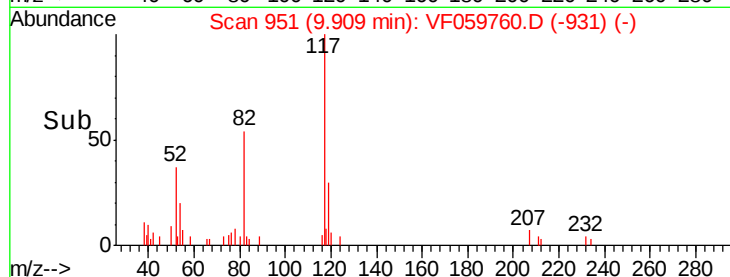
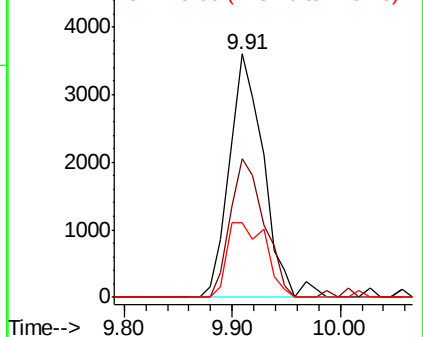


Abundance

Ion 117.00 (116.70 to 117.70): V

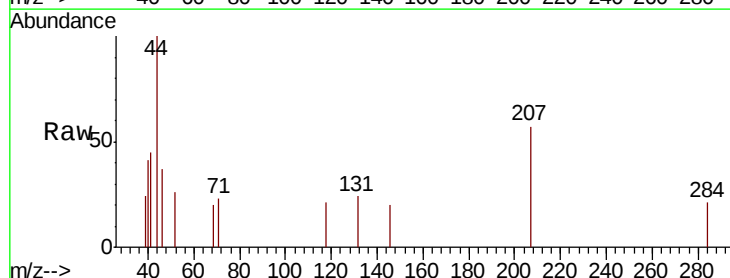
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#66
1,1,1,2-Tetrachloroethane
Concen: 1.021 ug/l
RT: 10.06 min Scan# 966
Delta R.T. -0.01 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	0.0	48.5	145.5#
119	0.0	30.3	90.8#

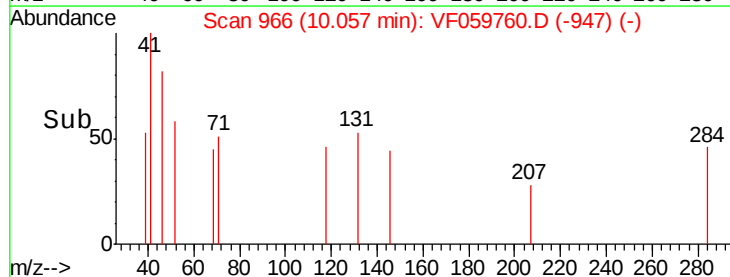
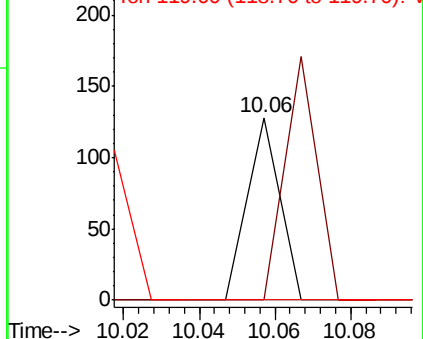


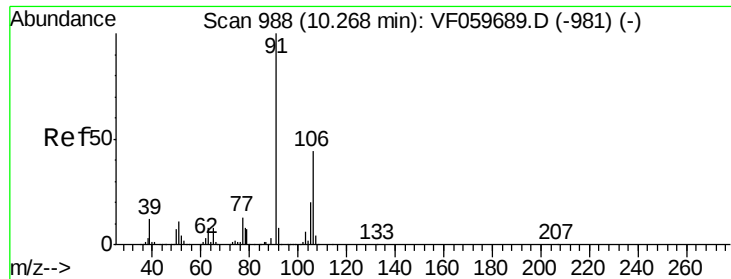
Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

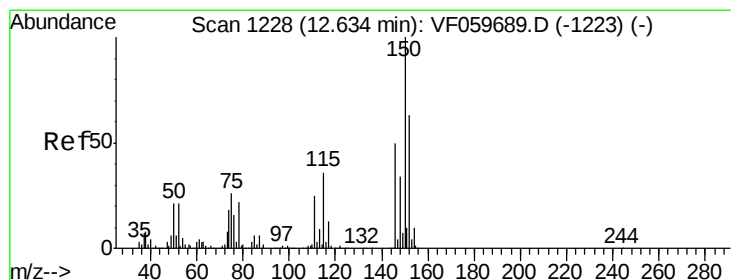
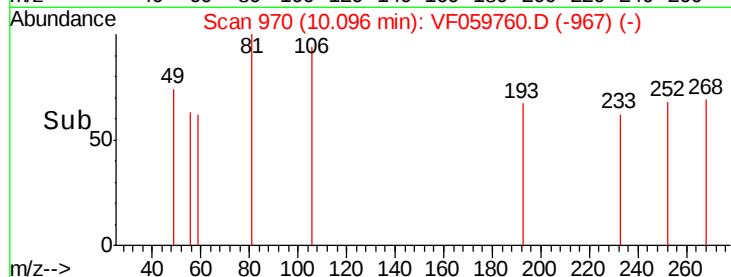
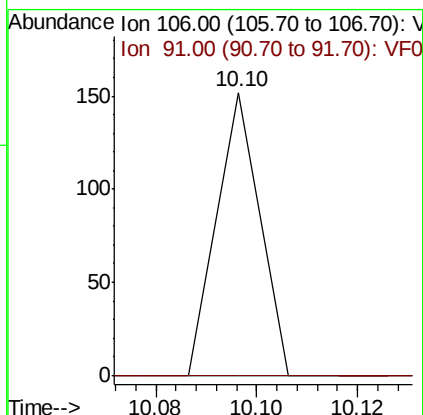
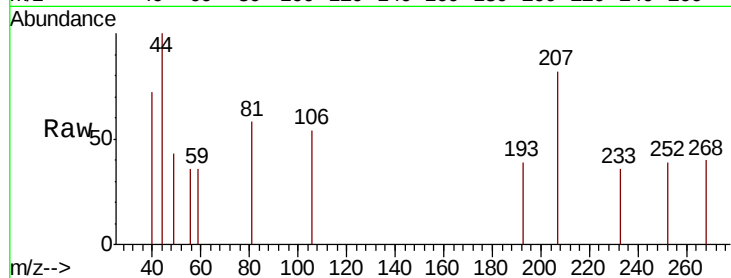




#68
m/p-Xylenes
Concen: Below Cal
RT: 10.10 min Scan# 970
Delta R.T. -0.17 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

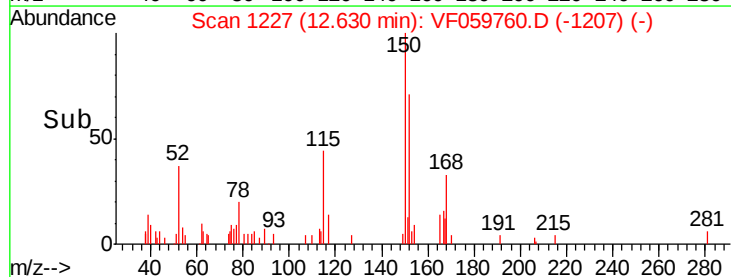
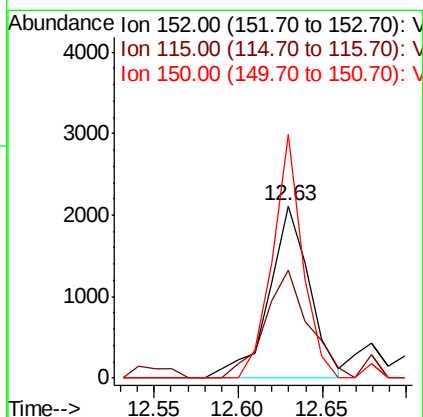
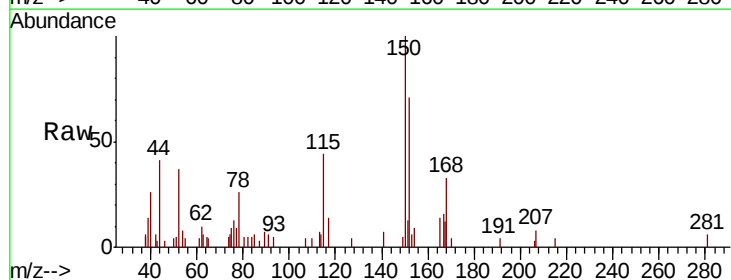
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

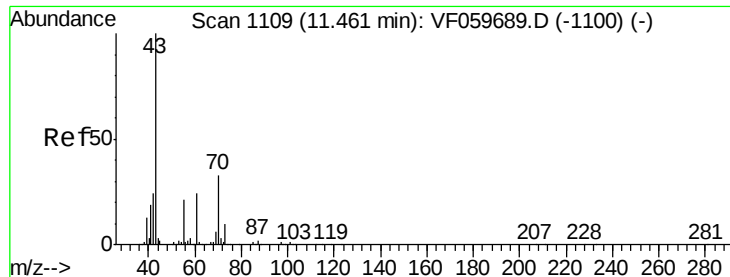
Tgt Ion:106 Resp: 90
Ion Ratio Lower Upper
106 100
91 0.0 181.7 272.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

Tgt Ion:152 Resp: 3504
Ion Ratio Lower Upper
152 100
115 63.0 28.2 84.6
150 141.5 0.0 316.2





#74

N-ethyl acetate

Concen: 8.379 ug/l

RT: 11.44 min Scan# 1106

Delta R.T. -0.02 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-3

Tgt Ion: 43 Resp: 486

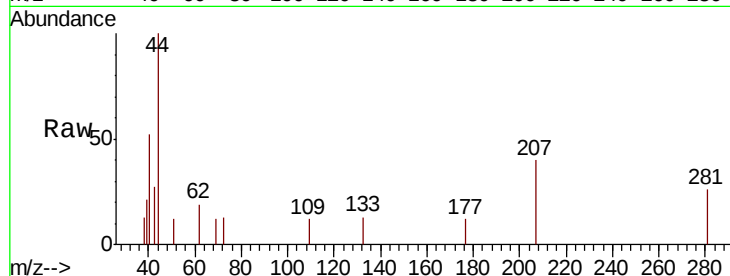
Ion Ratio Lower Upper

43 100

70 0.0 26.3 39.5#

55 0.0 16.6 25.0#

61 0.0 19.1 28.7#

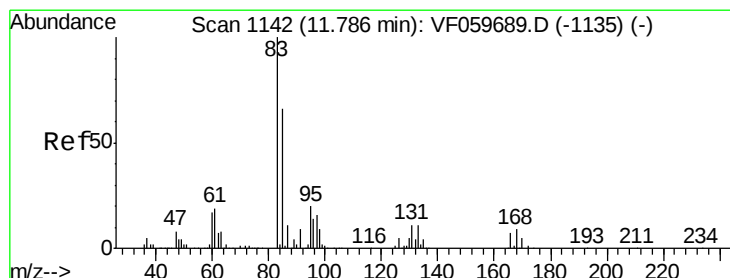
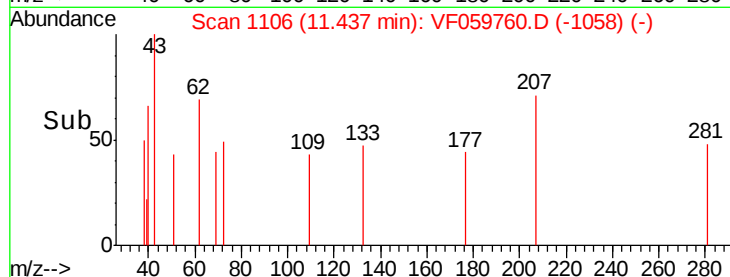
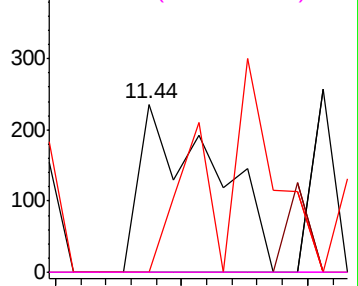


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.687 ug/l

RT: 11.76 min Scan# 1139

Delta R.T. -0.02 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

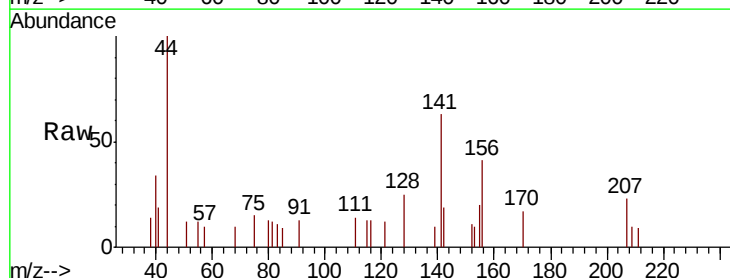
Tgt Ion: 83 Resp: 73

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.3#

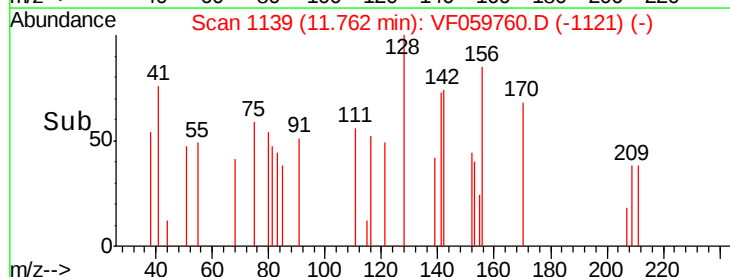
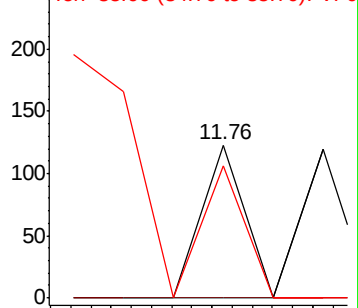
85 86.2 32.8 98.3

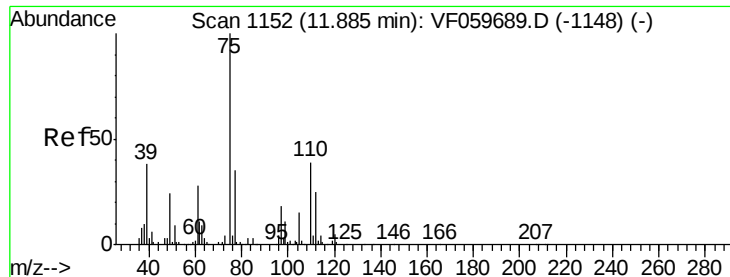


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#76

1,2,3-Trichloropropane

Concen: 5.380 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. -0.07 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

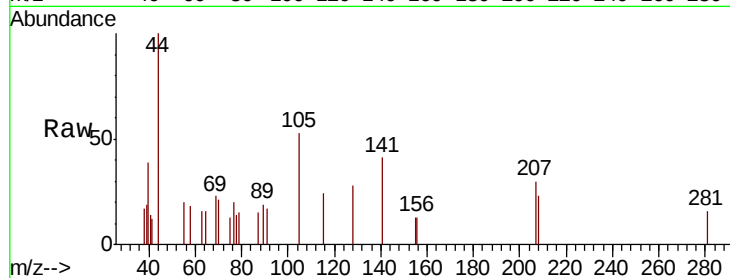
2018-NYSEG-CLARK-AREA-14-3

Tgt Ion: 75 Resp: 198

Ion Ratio Lower Upper

75 100

77 153.5 18.0 54.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

400

300

200

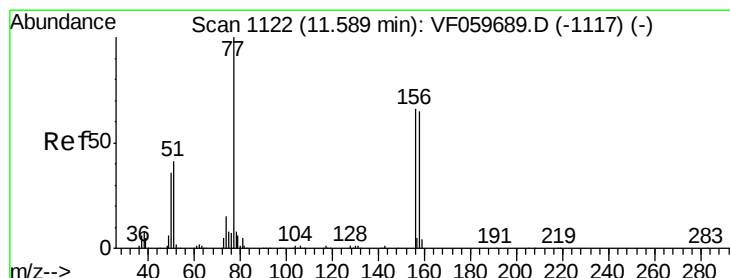
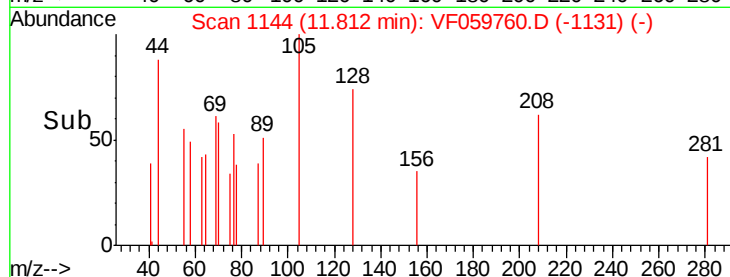
100

0

11.80

11.85

Time-->



#77

Bromobenzene

Concen: 22.319 ug/l

RT: 11.63 min Scan# 1126

Delta R.T. 0.05 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

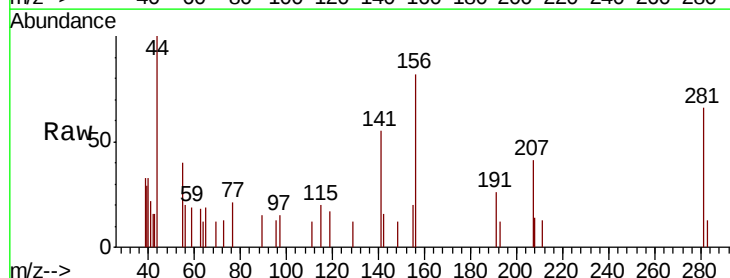
Tgt Ion: 156 Resp: 1340

Ion Ratio Lower Upper

156 100

77 25.4 75.2 225.6#

158 0.0 49.1 147.3#



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V

1200

1000

800

600

400

200

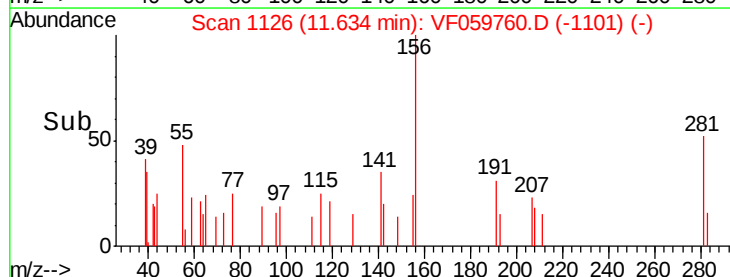
0

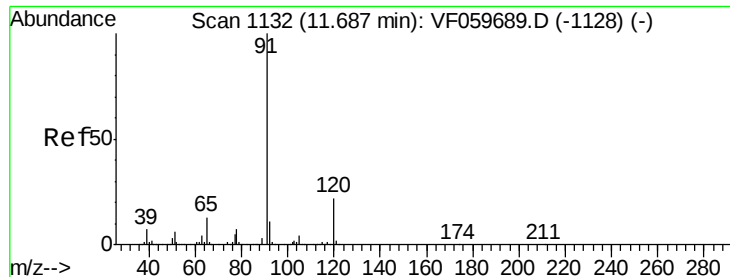
11.55

11.60

11.65

Time-->

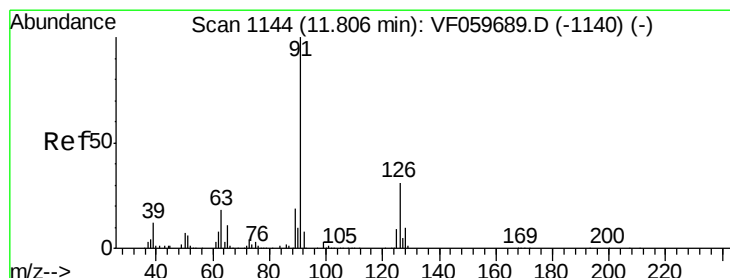
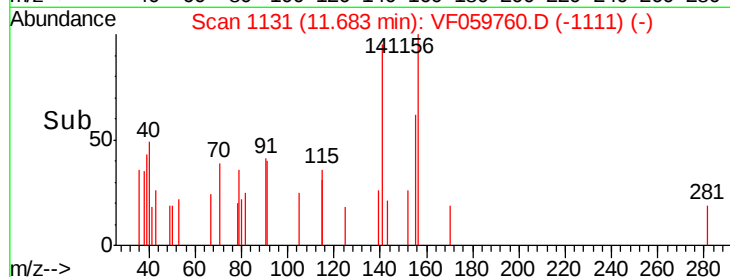
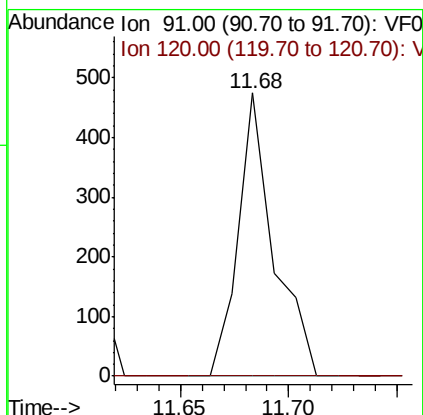
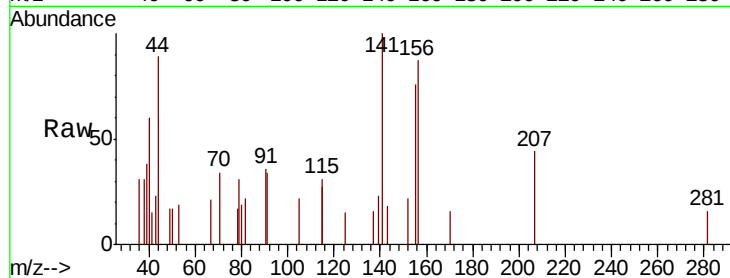




#78
n-propylbenzene
Concen: Below Cal
RT: 11.68 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

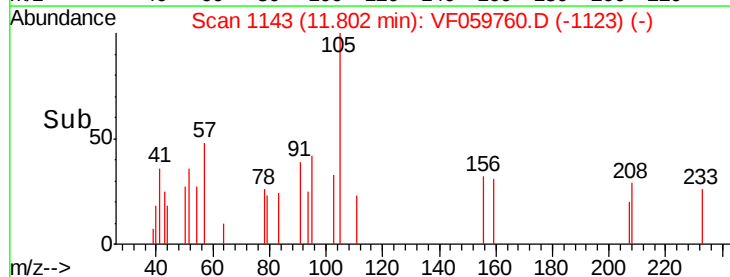
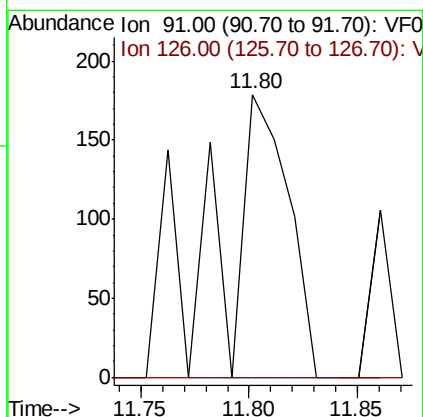
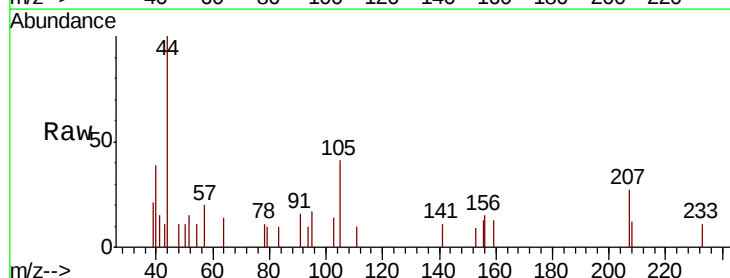
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

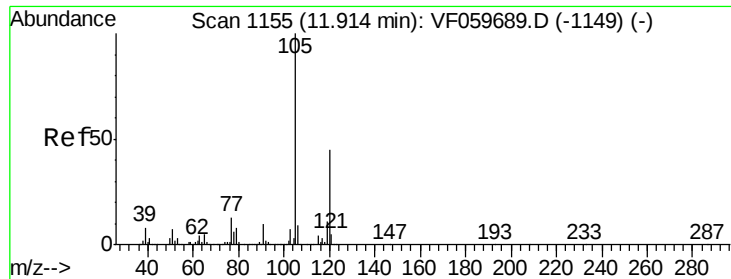
Tgt Ion: 91 Resp: 543
Ion Ratio Lower Upper
91 100
120 0.0 11.0 33.0#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.80 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

Tgt Ion: 91 Resp: 343
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#

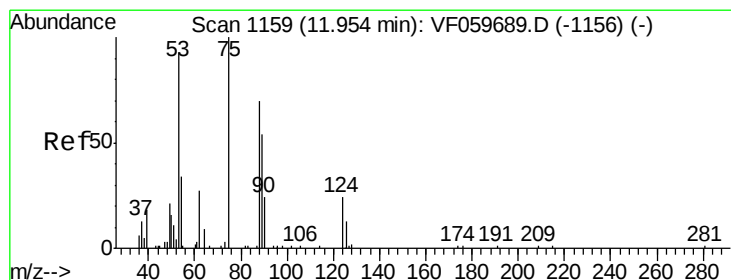
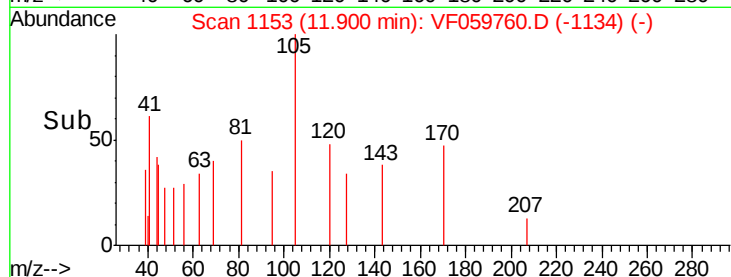
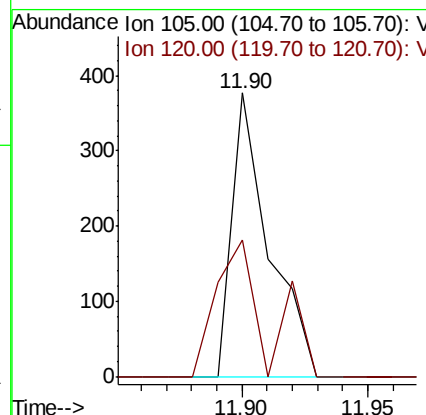
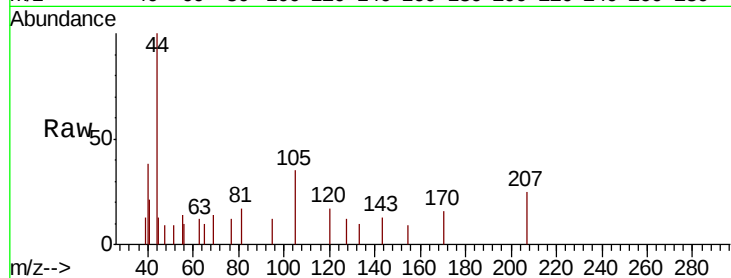




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 11.90 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: VF059760.D
 Acq: 1 Aug 2018 17:28

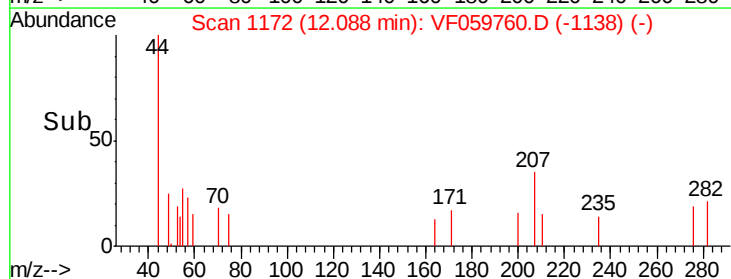
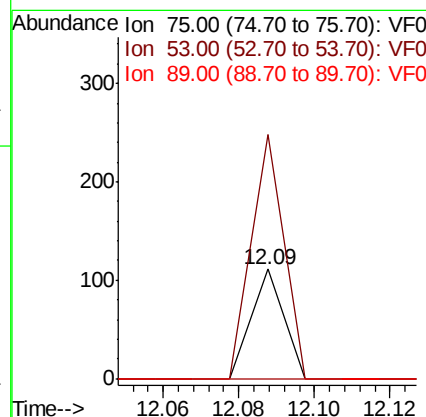
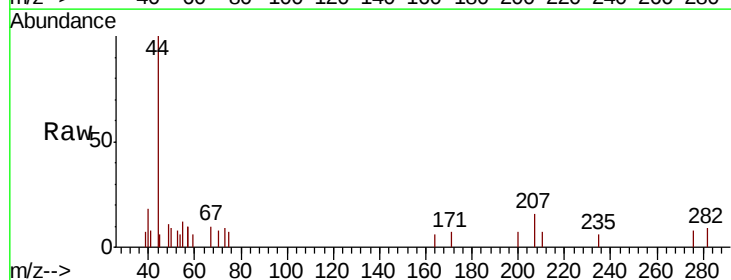
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-3

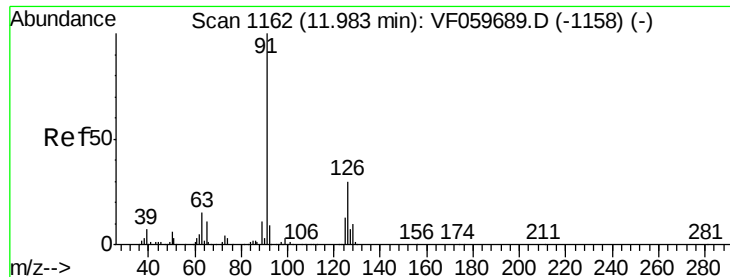
Tgt Ion: 105 Resp: 384
 Ion Ratio Lower Upper
 105 100
 120 48.3 22.7 68.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.330 ug/l
 RT: 12.09 min Scan# 1172
 Delta R.T. 0.13 min
 Lab File: VF059760.D
 Acq: 1 Aug 2018 17:28

Tgt Ion: 75 Resp: 66
 Ion Ratio Lower Upper
 75 100
 53 223.4 78.3 117.5#
 89 0.0 45.4 68.2#





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.01 min Scan# 1164

Delta R.T. 0.03 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

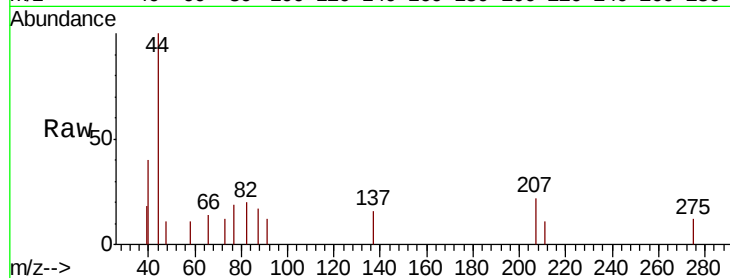
2018-NYSEG-CLARK-AREA-14-3

Tgt Ion: 91 Resp: 67

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

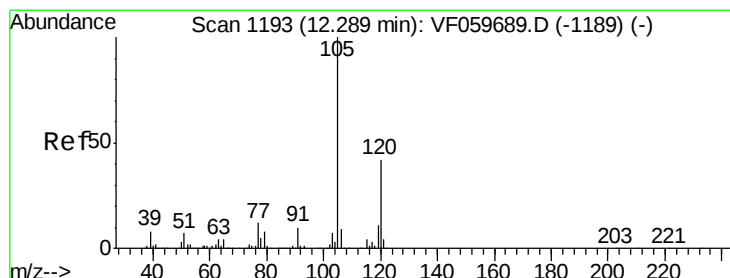
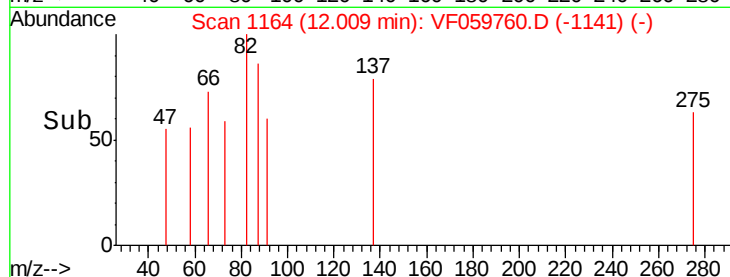
12.01

100

50

0

Time-->



#84

1,2,4-Trimethylbenzene

Concen: Below Cal

RT: 12.28 min Scan# 1192

Delta R.T. -0.00 min

Lab File: VF059760.D

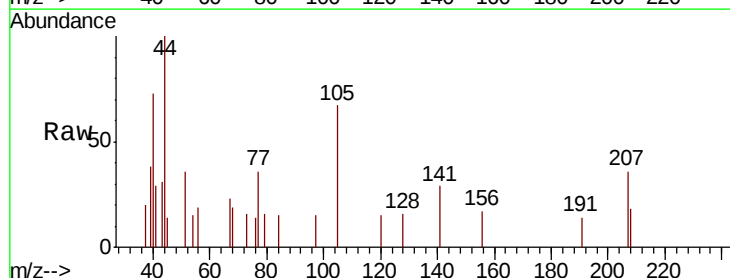
Acq: 1 Aug 2018 17:28

Tgt Ion: 105 Resp: 646

Ion Ratio Lower Upper

105 100

120 22.0 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.28

500

400

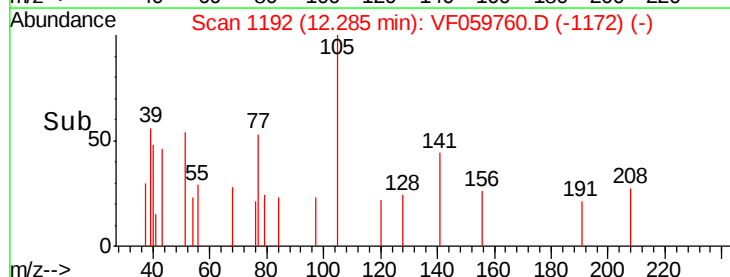
300

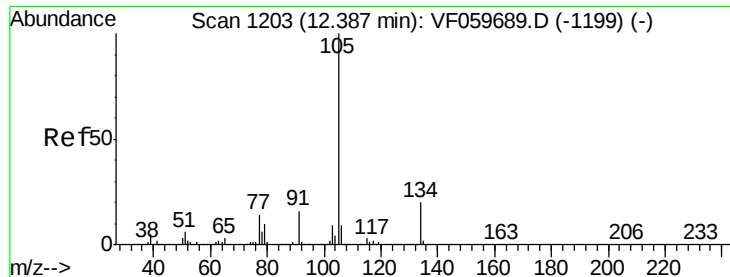
200

100

0

Time-->

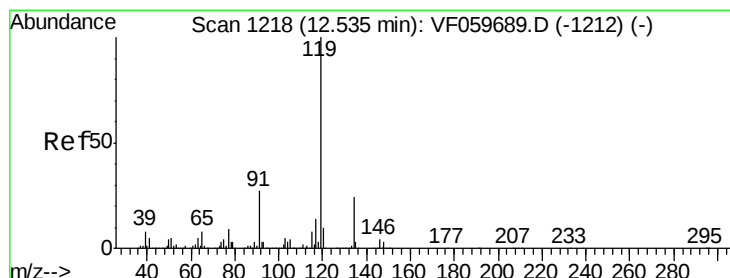
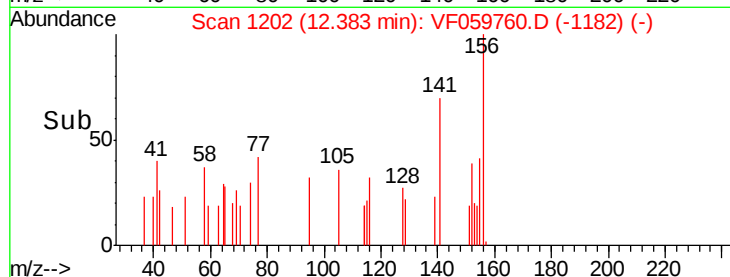
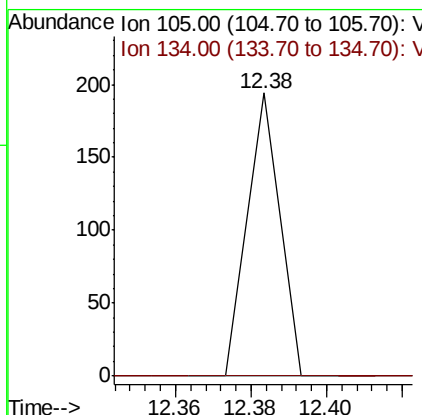
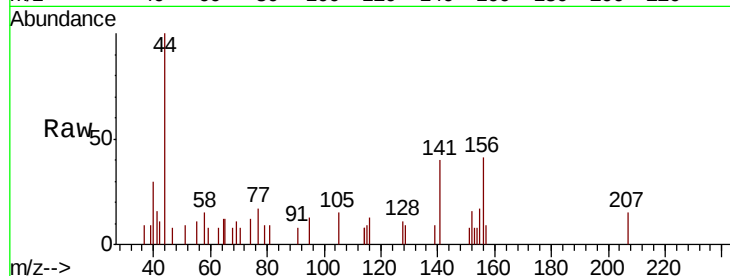




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 12.38 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VF059760.D
 Acq: 1 Aug 2018 17:28

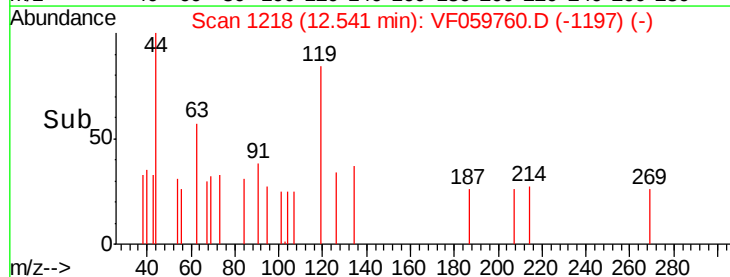
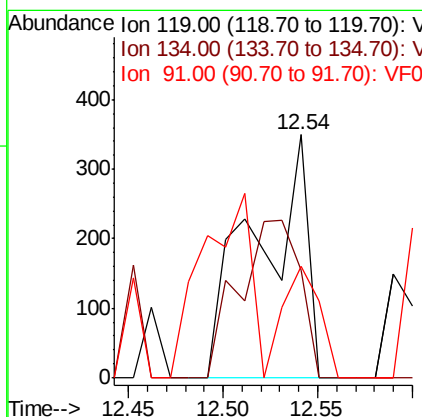
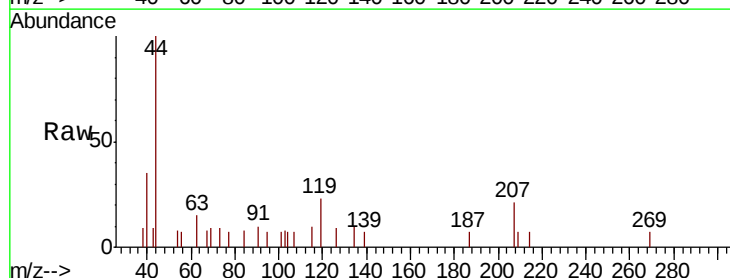
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-3

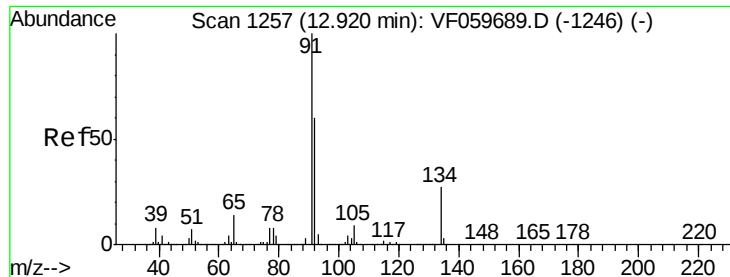
Tgt Ion:105 Resp: 115
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: Below Cal
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: VF059760.D
 Acq: 1 Aug 2018 17:28

Tgt Ion:119 Resp: 651
 Ion Ratio Lower Upper
 119 100
 134 44.3 12.2 36.6#
 91 45.7 13.4 40.2#





#89

n-Butylbenzene

Concen: Below Cal

RT: 12.91 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-3

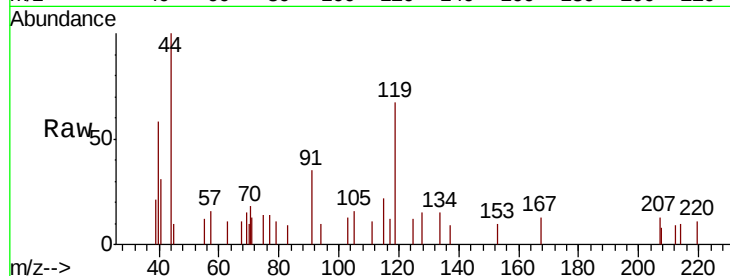
Tgt Ion: 91 Resp: 850

Ion Ratio Lower Upper

91 100

92 0.0 30.1 90.3#

134 44.3 13.7 41.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

12.91

12.95

13.00

13.05

13.10

13.15

13.20

13.25

13.30

13.35

13.40

13.45

13.50

13.55

13.60

13.65

13.70

13.75

13.80

13.85

13.90

13.95

14.00

14.05

14.10

14.15

14.20

14.25

14.30

14.35

14.40

14.45

14.50

14.55

14.60

14.65

14.70

14.75

14.80

14.85

14.90

14.95

15.00

15.05

15.10

15.15

15.20

15.25

15.30

15.35

15.40

15.45

15.50

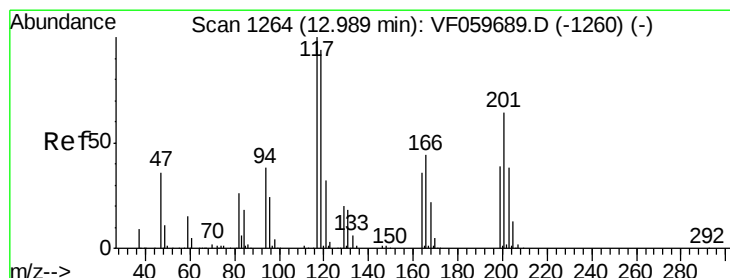
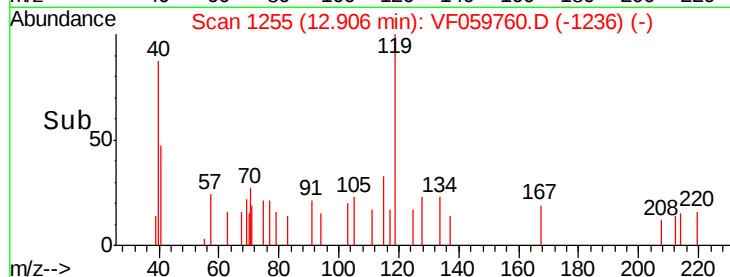
15.55

15.60

15.65

15.70

15.75



#90

Hexachloroethane

Concen: 1.224 ug/l

RT: 12.95 min Scan# 1260

Delta R.T. -0.03 min

Lab File: VF059760.D

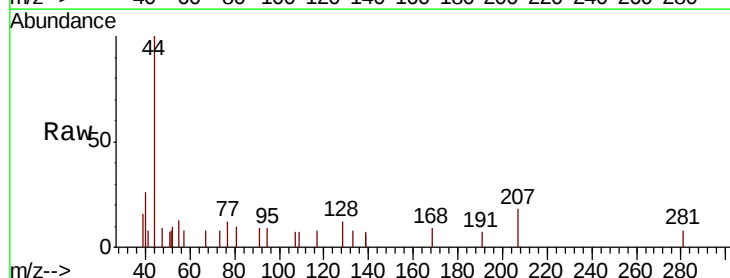
Acq: 1 Aug 2018 17:28

Tgt Ion: 117 Resp: 71

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

12.95

12.95

12.95

12.95

12.95

12.95

12.95

12.95

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12.95

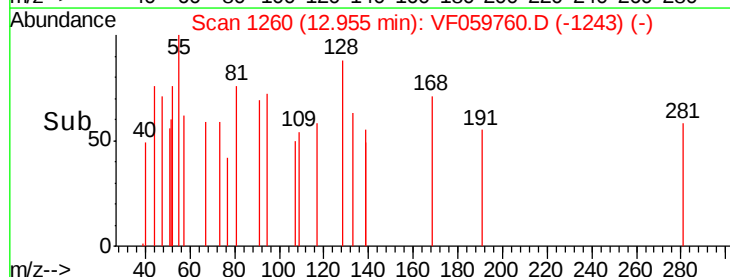
12.95

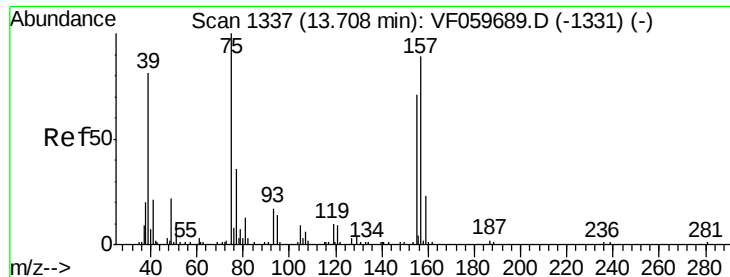
12.95

12.95

12.95

12.95

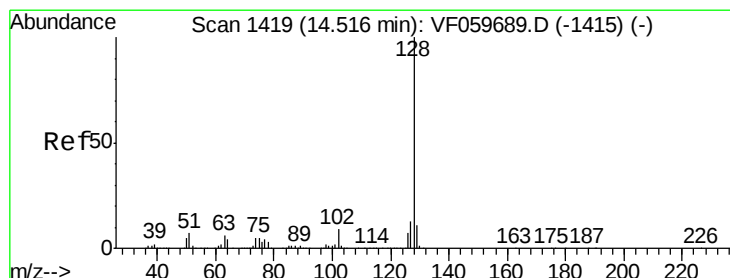
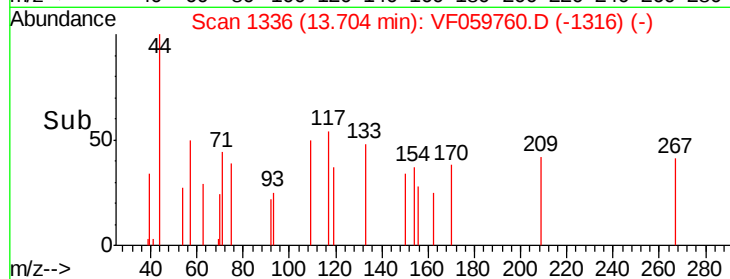
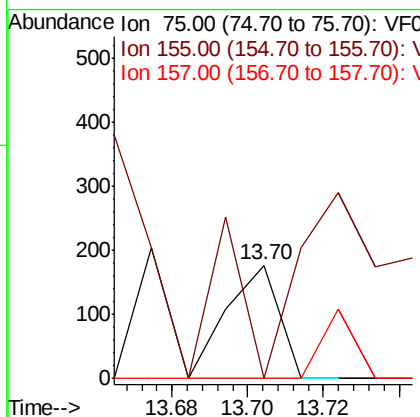
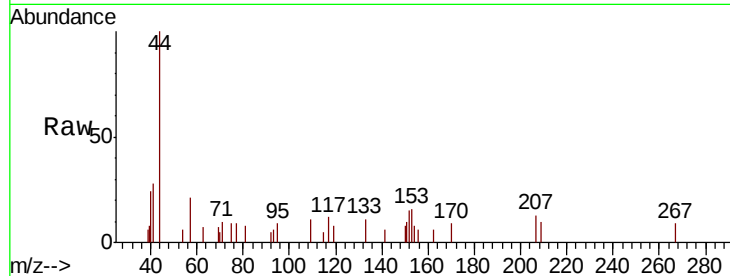




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.879 ug/l
 RT: 13.70 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VF059760.D
 Acq: 1 Aug 2018 17:28

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-3

Tgt Ion: 75 Resp: 168
 Ion Ratio Lower Upper
 75 100
 155 0.0 35.4 106.2#
 157 0.0 44.4 133.2#



#95
 Naphthalene
 Concen: 145.731 ug/l
 RT: 14.52 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: VF059760.D
 Acq: 1 Aug 2018 17:28

Tgt Ion: 128 Resp: 22016
 Ion Ratio Lower Upper
 128 100
 127 18.4 10.0 15.0#
 129 9.8 8.6 13.0

