

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059800.D
 Acq On : 2 Aug 2018 15:02
 Operator : VA/AP
 Sample : J4231-09RE
 Misc : 5.08g/5mL/MSVOA F/SOIL
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-5RE

Quant Time: Aug 02 15:28:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	1651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	2340	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	1474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	154	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.98	65	511	17.22	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	34.44%	
35) Dibromofluoromethane	4.28	113	522	21.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	42.96%	
50) Toluene-d8	7.71	98	1075	18.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	37.94%	
62) 4-Bromofluorobenzene	11.49	95	551	17.56	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	35.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.96	85	77	Below Cal	#	44
3) Chloromethane	1.08	50	90	4.95	ug/l #	22
5) Bromomethane	1.49	94	81	5.94	ug/l #	4
6) Chloroethane	1.31	64	75	8.44	ug/l #	35
7) Trichlorofluoromethane	1.49	101	60	1.95	ug/l #	18
10) Methyl Iodide	1.87	142	84	Below Cal	#	20
11) Tert butyl alcohol	2.55	59	92	75.88	ug/l #	74
12) 1,1-Dichloroethene	1.99	96	66	5.16	ug/l #	1
13) Acrolein	2.03	56	60	105.66	ug/l #	4
14) Allyl chloride	2.14	41	83	4.07	ug/l #	54
15) Acrylonitrile	3.08	53	59	30.83	ug/l #	7
16) Acetone	2.35	43	130	24.36	ug/l #	68
17) Carbon Disulfide	1.90	76	77	Below Cal	#	71
18) Methyl Acetate	2.42	43	71	4.00	ug/l #	64
19) Methyl tert-butyl Ether	2.43	73	155	3.98	ug/l #	60
20) Methylene Chloride	2.27	84	60	Below Cal	#	42
21) trans-1,2-Dichloroethene	2.47	96	90	5.79	ug/l #	1
22) Diisopropyl ether	2.90	45	117	2.71	ug/l #	33
23) Vinyl Acetate	3.29	43	137	6.17	ug/l #	83
24) 1,1-Dichloroethane	3.00	63	64	2.13	ug/l #	91
25) 2-Butanone	4.49	43	339	56.92	ug/l #	74
26) 2,2-Dichloropropane	3.71	77	70	3.27	ug/l #	66
28) Bromochloromethane	3.94	49	90	4.45	ug/l #	15
29) Tetrahydrofuran	4.31	42	61	26.65	ug/l #	39
31) Cyclohexane	3.80	56	77	1.28	ug/l #	15
32) 1,1,1-Trichloroethane	4.30	97	60	1.83	ug/l #	22
36) 1,1-Dichloropropene	4.51	75	62	Below Cal	#	46
37) Ethyl Acetate	4.29	43	130	7.16	ug/l #	19
38) Carbon Tetrachloride	4.21	117	90	2.42	ug/l #	14
40) Benzene	4.84	78	150	3.17	ug/l #	52
41) Methacrylonitrile	4.94	41	151	24.18	ug/l #	24
42) 1,2-Dichloroethane	5.15	62	95	2.87	ug/l	85
43) Isopropyl Acetate	7.10	43	338	24.16	ug/l #	46
46) Dibromomethane	6.26	93	60	5.06	ug/l #	8

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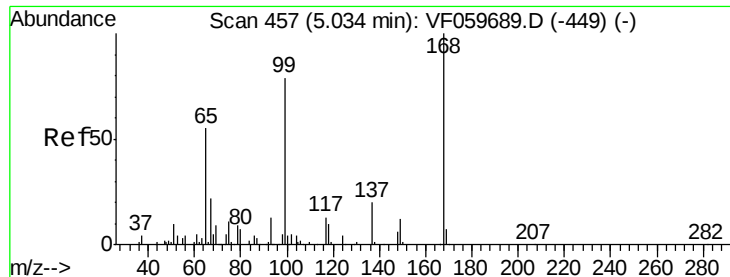
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

47) Bromodichloromethane	6.61	83	65	2.01	ug/l #	25
48) Methyl methacrylate	6.87	41	225	21.38	ug/l #	1
49) 1,4-Dioxane	6.84	88	69	1019.04	ug/l #	26
51) 4-Methyl-2-Pentanone	8.40	43	752	70.65	ug/l #	42
53) t-1,3-Dichloropropene	8.41	75	81	2.89	ug/l #	41
54) cis-1,3-Dichloropropene	7.42	75	80	2.95	ug/l #	18
56) Ethyl methacrylate	8.85	69	66	4.94	ug/l #	5
58) 2-Chloroethyl Vinyl ether	7.69	63	93	60.35	ug/l	100
59) 2-Hexanone	9.59	43	1319	154.64	ug/l #	59
64) Tetrachloroethene	8.33	164	62	1.99	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.03	131	101	7.34	ug/l #	9
67) Ethyl Benzene	10.13	91	137	2.69	ug/l #	46
68) m/p-Xylenes	10.20	106	67	Below Cal	#	1
69) o-Xylene	10.67	106	70	3.72	ug/l #	1
70) Styrene	10.91	104	191	6.71	ug/l #	45
73) Isopropylbenzene	11.32	105	64	6.33	ug/l #	50
74) N-amyl acetate	11.44	43	244	95.71	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	11.81	83	73	38.38	ug/l #	25
76) 1,2,3-Trichloropropane	11.87	75	200	123.65	ug/l #	39
77) Bromobenzene	11.59	156	64	24.26	ug/l #	53
78) n-propylbenzene	11.68	91	90	4.09	ug/l #	54
79) 2-Chlorotoluene	11.79	91	140	18.73	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.86	105	67	3.96	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.93	75	66	98.53	ug/l #	17
82) 4-Chlorotoluene	11.98	91	153	19.53	ug/l #	44
84) 1,2,4-Trimethylbenzene	12.40	105	82	6.11	ug/l #	33
85) sec-Butylbenzene	12.40	105	82	2.87	ug/l #	57
86) p-Isopropyltoluene	12.54	119	717	83.42	ug/l #	43
87) 1,3-Dichlorobenzene	12.56	146	91	17.34	ug/l #	24
88) 1,4-Dichlorobenzene	12.63	146	91	18.27	ug/l #	24
89) n-Butylbenzene	12.90	91	272	29.49	ug/l #	29
90) Hexachloroethane	13.06	117	62	24.33	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	13.75	75	69	148.39	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.22	180	109	30.64	ug/l #	12
94) Hexachlorobutadiene	14.20	225	72	28.50	ug/l #	19
95) Naphthalene	14.51	128	242	36.45	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.64	180	69	18.80	ug/l #	13

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

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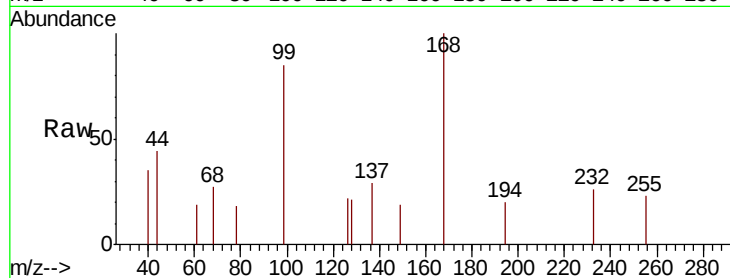
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion:168 Resp: 1651

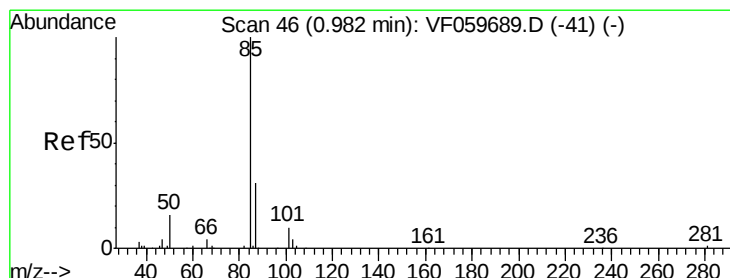
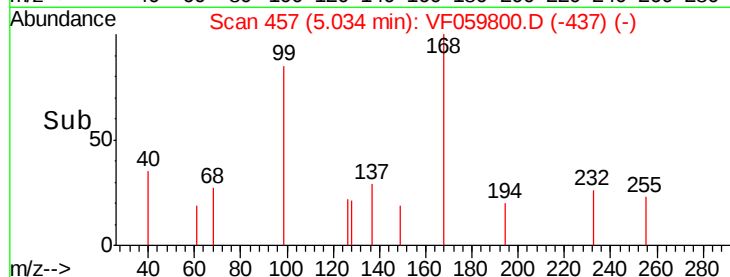
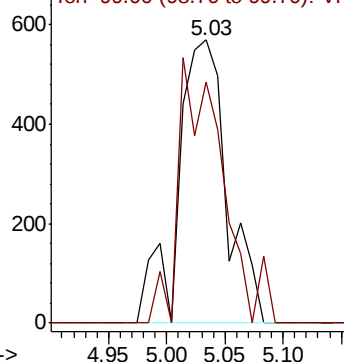
Ion Ratio Lower Upper

168 100

99 85.2 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.96 min Scan# 44

Delta R.T. -0.02 min

Lab File: VF059800.D

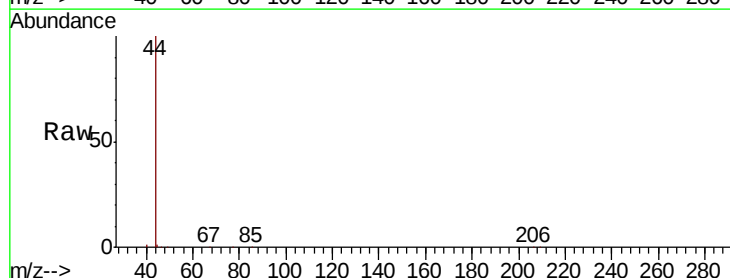
Acq: 2 Aug 2018 15:02

Tgt Ion: 85 Resp: 77

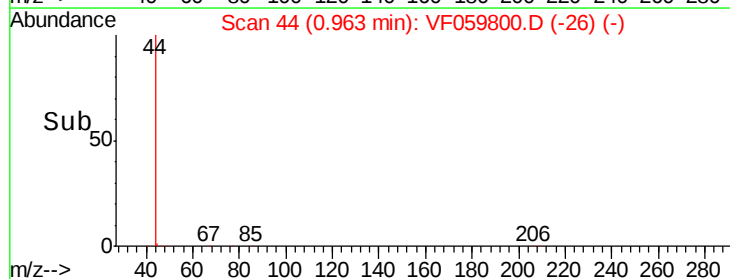
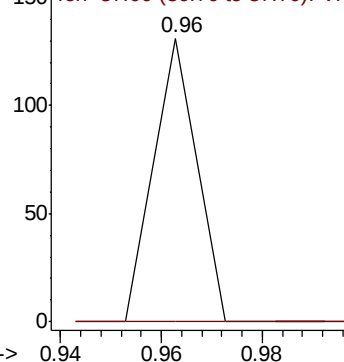
Ion Ratio Lower Upper

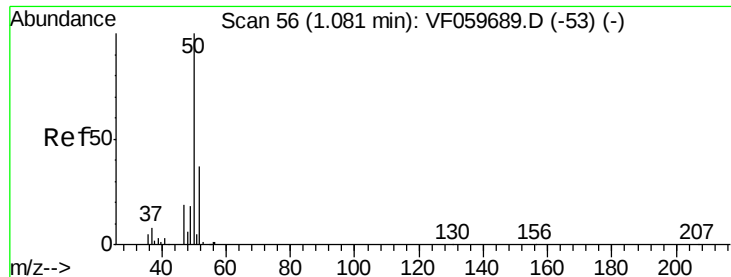
85 100

87 0.0 15.3 45.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 4.95 ug/l

RT: 1.08 min Scan# 56

Delta R.T. 0.00 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

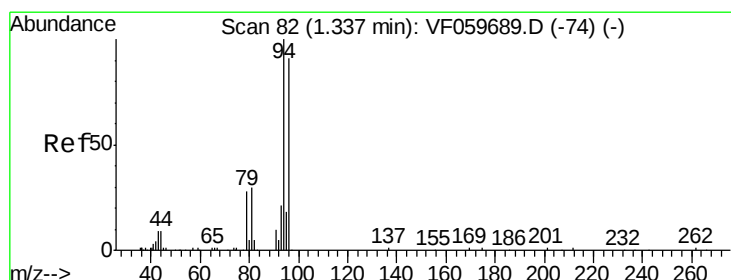
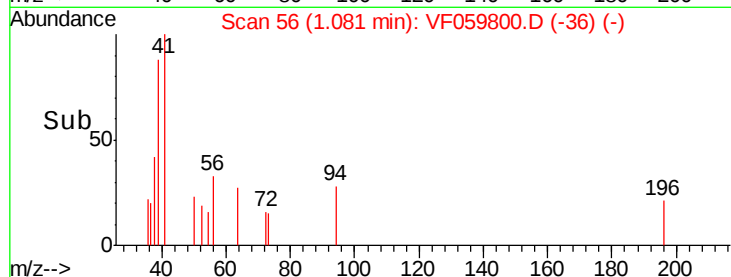
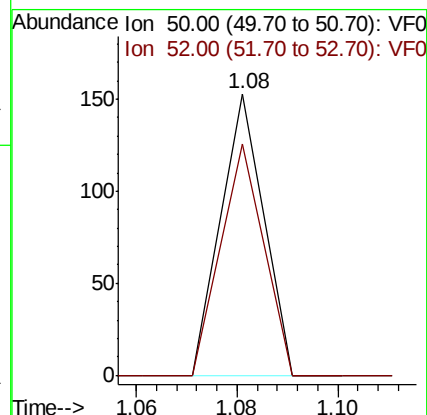
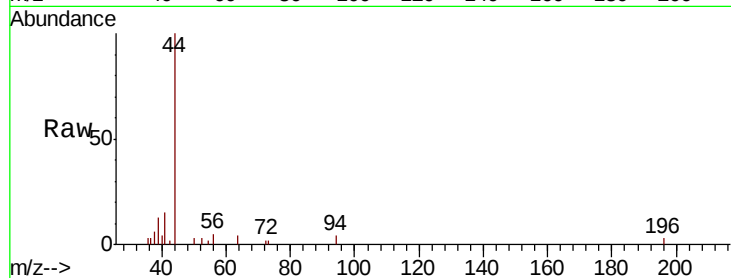
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 50 Resp: 90

Ion Ratio Lower Upper

50 100

52 82.4 29.1 43.7#



#5

Bromomethane

Concen: 5.94 ug/l

RT: 1.49 min Scan# 97

Delta R.T. 0.15 min

Lab File: VF059800.D

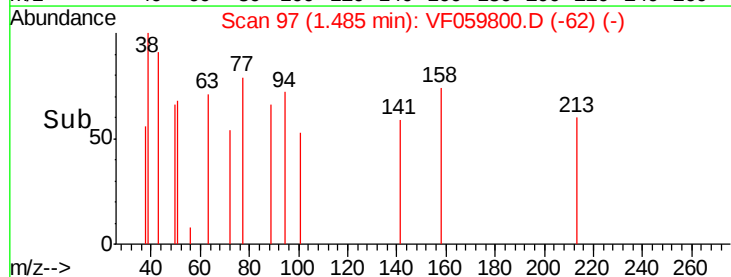
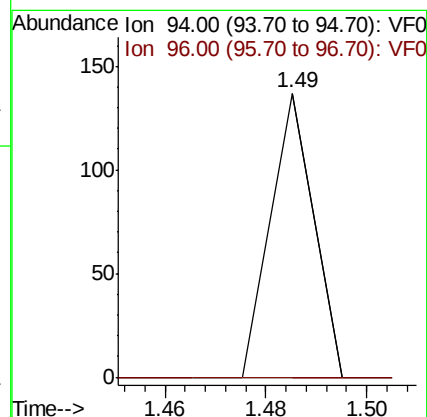
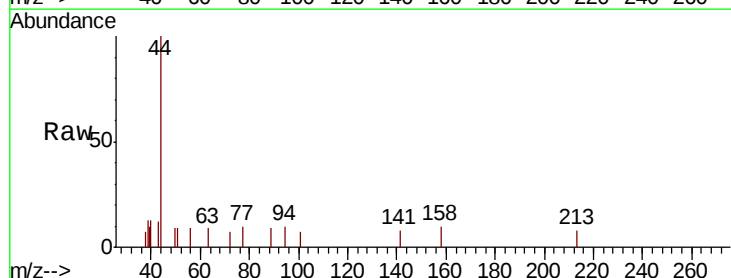
Acq: 2 Aug 2018 15:02

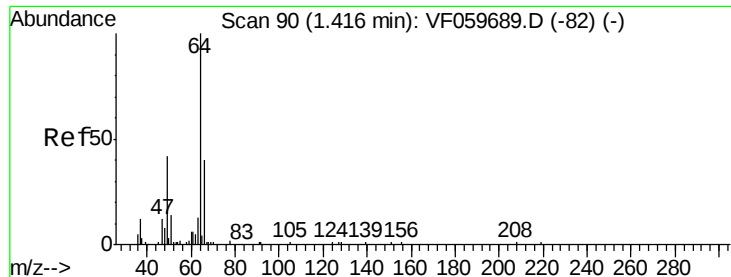
Tgt Ion: 94 Resp: 81

Ion Ratio Lower Upper

94 100

96 0.0 73.6 110.4#





#6

Chloroethane

Concen: 8.44 ug/l

RT: 1.31 min Scan# 79

Delta R.T. -0.11 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

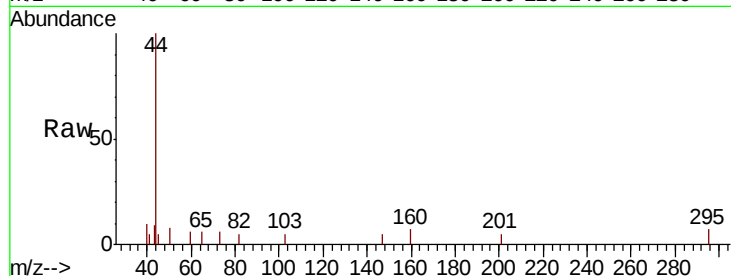
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 64 Resp: 75

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

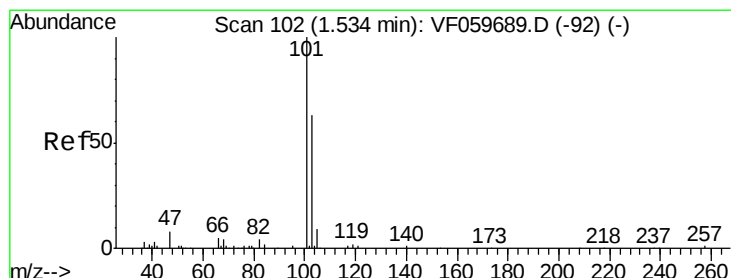
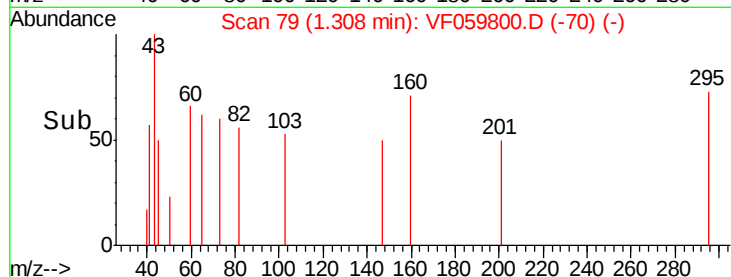
1.31

100

50

0

Time-->



#7

Trichlorofluoromethane

Concen: 1.95 ug/l

RT: 1.49 min Scan# 97

Delta R.T. -0.05 min

Lab File: VF059800.D

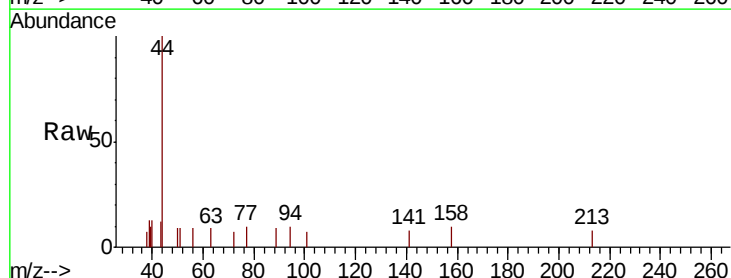
Acq: 2 Aug 2018 15:02

Tgt Ion: 101 Resp: 60

Ion Ratio Lower Upper

101 100

103 0.0 50.8 76.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.49

120

100

80

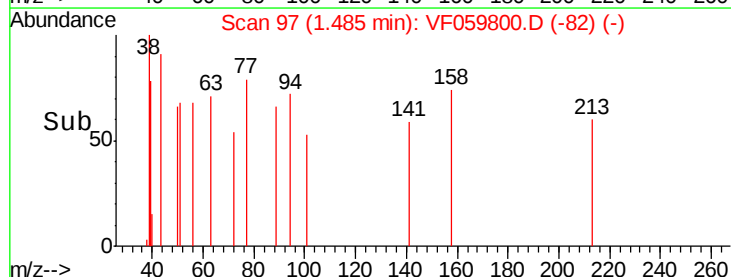
60

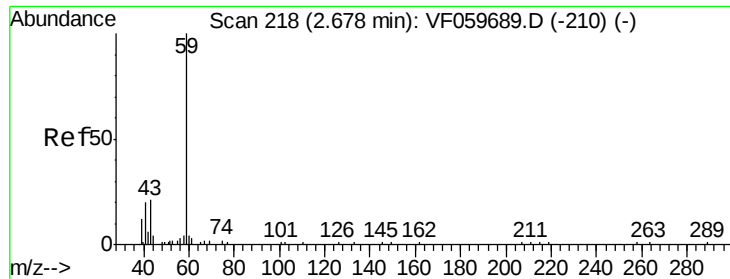
40

20

0

Time-->



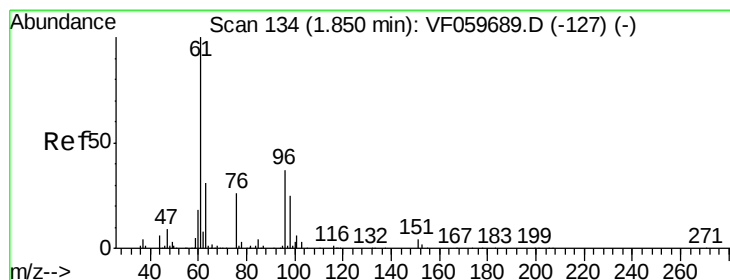
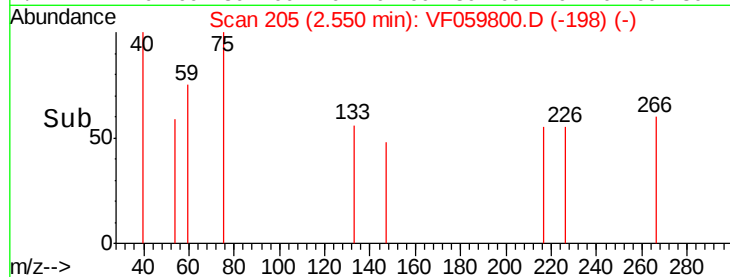
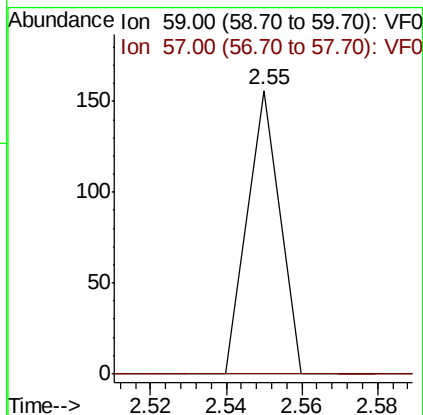
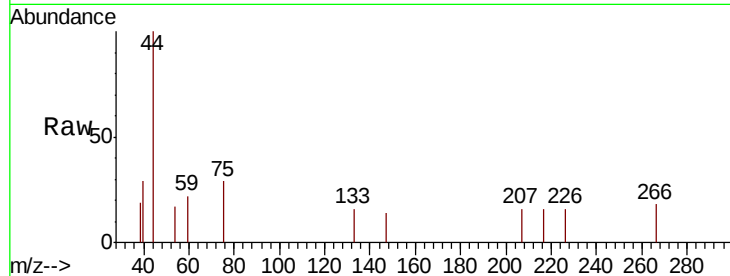


#11

Tert butyl alcohol
 Concen: 75.88 ug/l
 RT: 2.55 min Scan# 205
 Delta R.T. -0.13 min
 Lab File: VF059800.D
 Acq: 2 Aug 2018 15:02

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 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-5RE

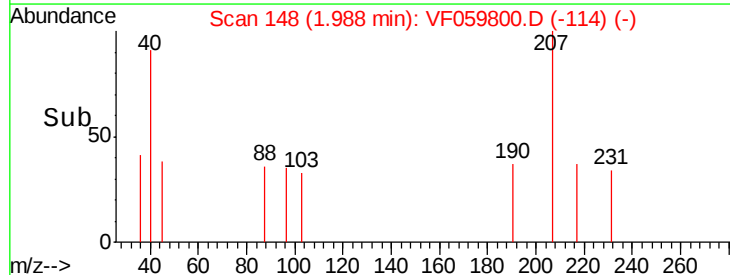
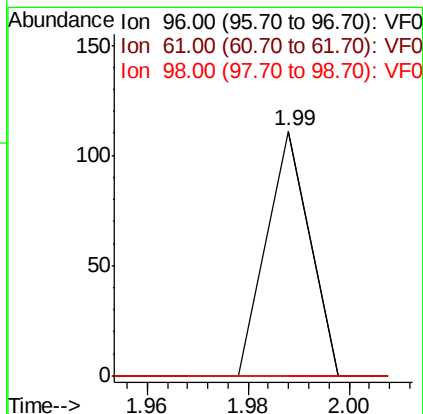
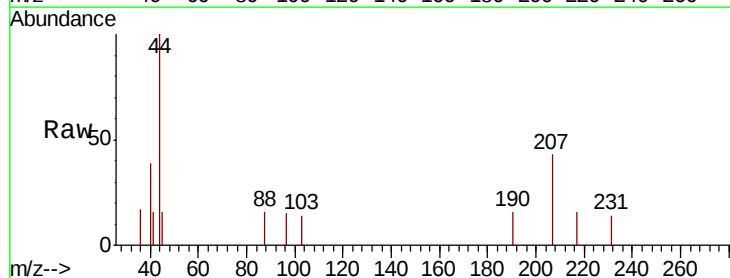
Tot Ion: 59 Resp: 92
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

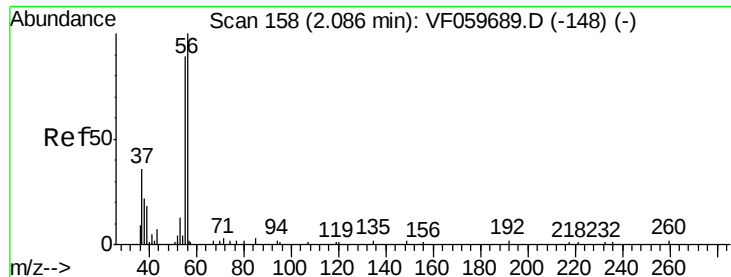


#12

1,1-Dichloroethene
 Concen: 5.16 ug/l
 RT: 1.99 min Scan# 148
 Delta R.T. 0.14 min
 Lab File: VF059800.D
 Acq: 2 Aug 2018 15:02

Tgt Ion: 96 Resp: 66
 Ion Ratio Lower Upper
 96 100
 61 0.0 215.1 322.7#
 98 0.0 54.3 81.5#





#13

Acrolein

Concen: 105.66 ug/l

RT: 2.03 min Scan# 152

Delta R.T. -0.06 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

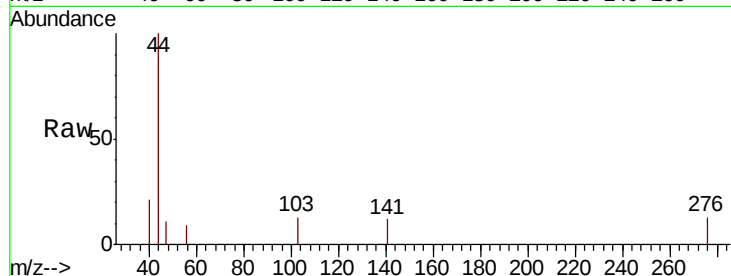
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 0.0 73.2 109.8#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

2.03

100

80

60

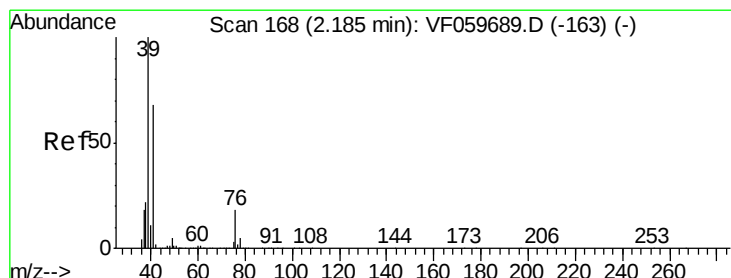
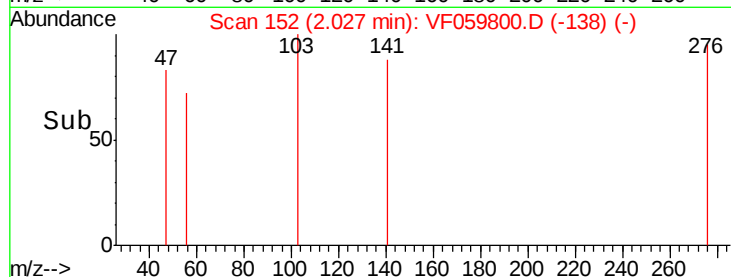
40

20

0

2.00 2.02 2.04 2.06

Time-->



#14

Allyl chloride

Concen: 4.07 ug/l

RT: 2.14 min Scan# 163

Delta R.T. -0.05 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

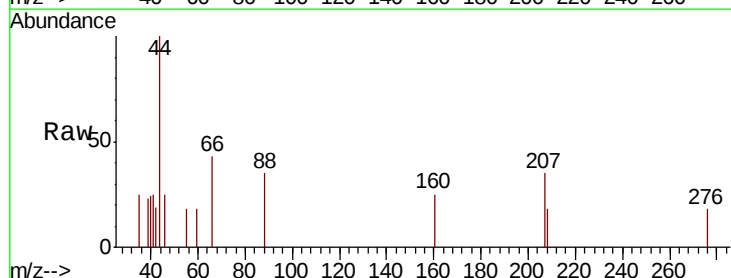
Tgt Ion: 41 Resp: 83

Ion Ratio Lower Upper

41 100

39 91.5 118.1 177.1#

76 0.0 22.0 33.0#



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0

200

150

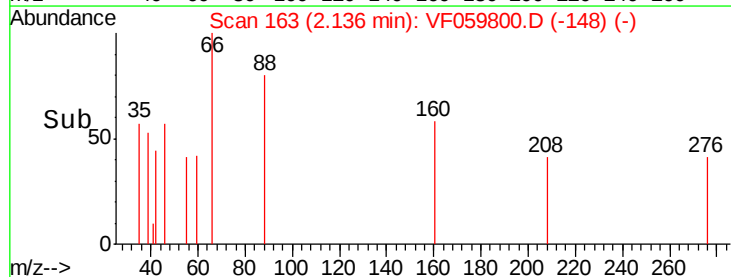
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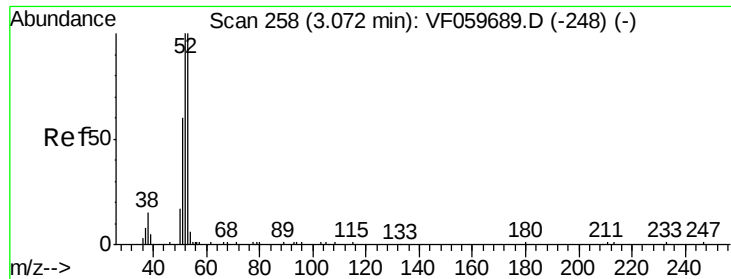
50

0

2.12 2.14 2.16

Time-->





#15

Acrylonitrile

Concen: 30.83 ug/l

RT: 3.08 min Scan# 259

Delta R.T. 0.01 min

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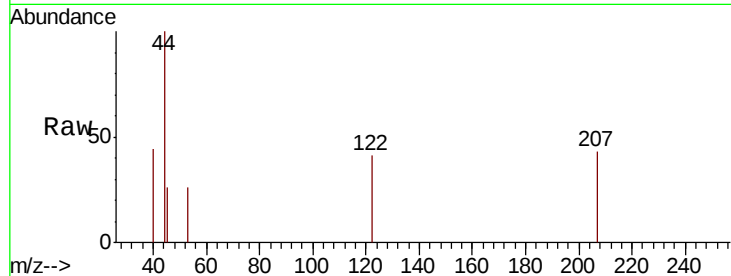
Tot Ion: 53 Resp: 59

Ion Ratio Lower Upper

53 100

52 0.0 80.3 120.5#

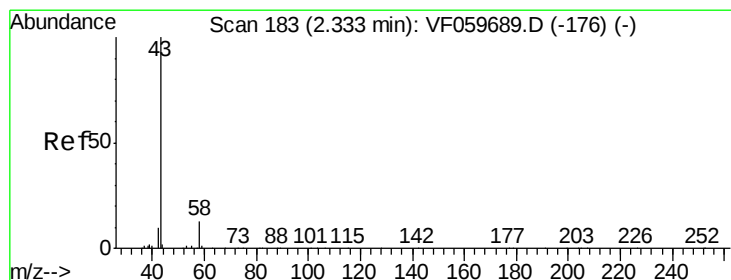
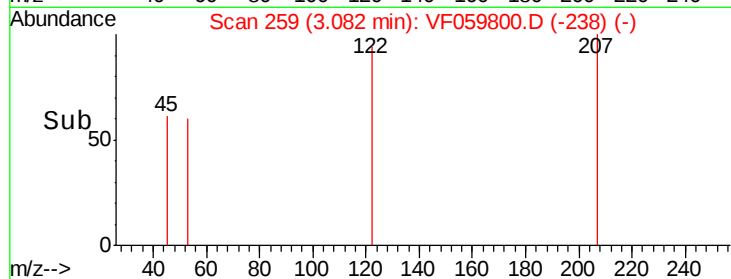
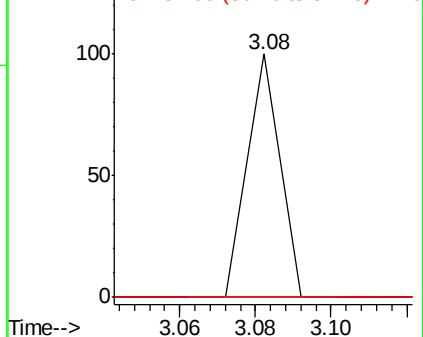
51 0.0 49.4 74.0#



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: 24.36 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.02 min

Lab File: VF059800.D

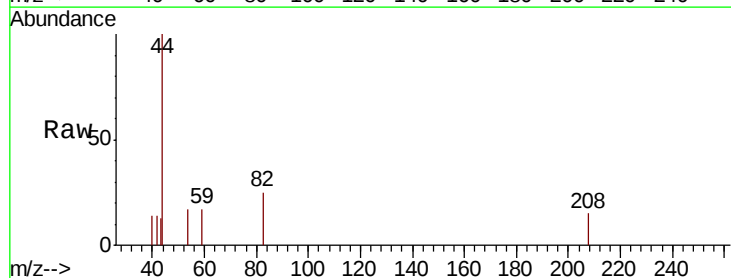
Acq: 2 Aug 2018 15:02

Tgt Ion: 43 Resp: 130

Ion Ratio Lower Upper

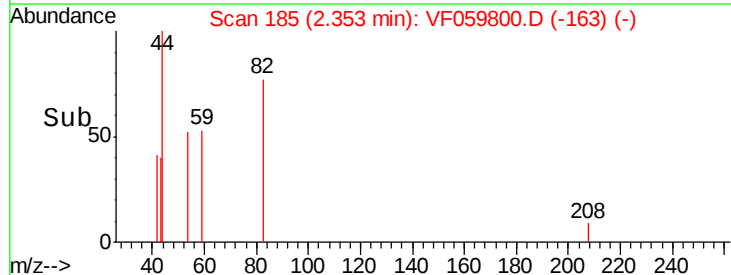
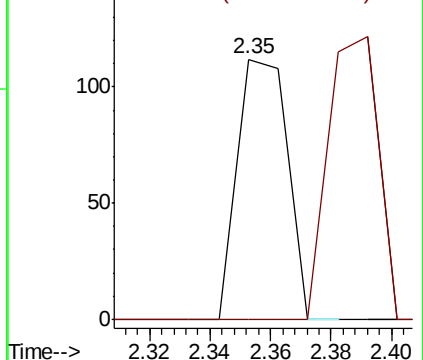
43 100

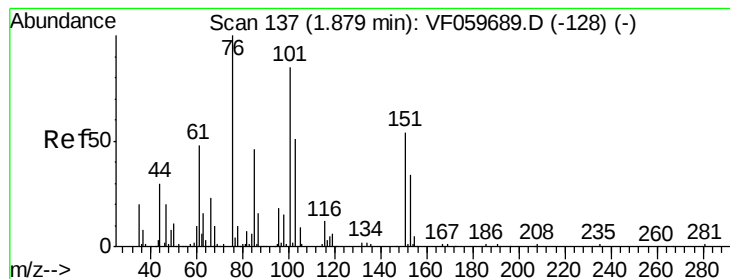
58 0.0 10.1 15.1#



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: 1.90 min Scan# 139

Delta R.T. 0.02 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

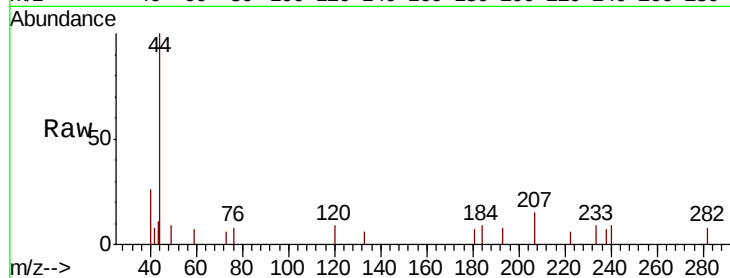
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 76 Resp: 77

Ion Ratio Lower Upper

76 100

78 0.0 8.9 13.3#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

1.90

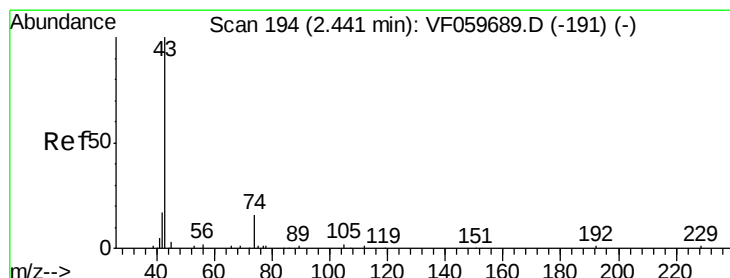
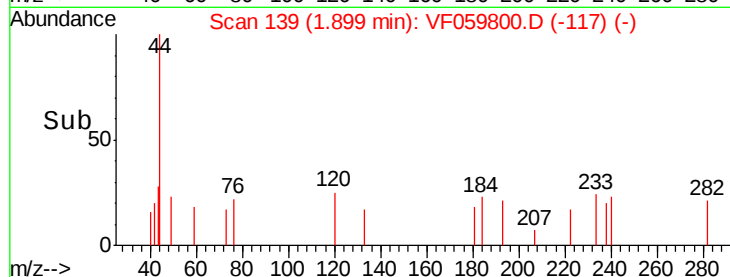
150

100

50

0

Time-->



#18

Methyl Acetate

Concen: 4.00 ug/l

RT: 2.42 min Scan# 192

Delta R.T. -0.02 min

Lab File: VF059800.D

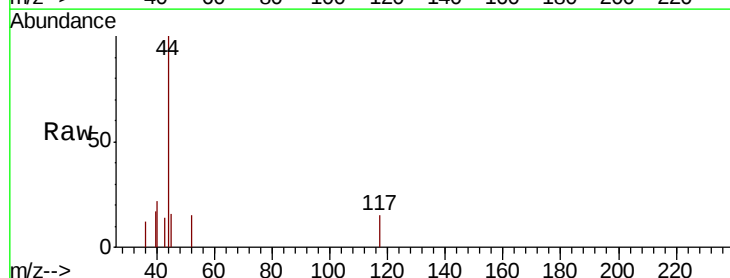
Acq: 2 Aug 2018 15:02

Tgt Ion: 43 Resp: 71

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

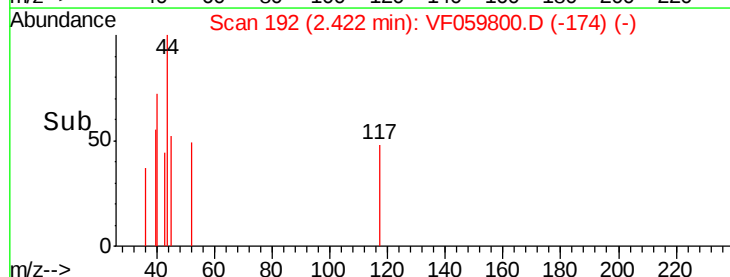
2.42

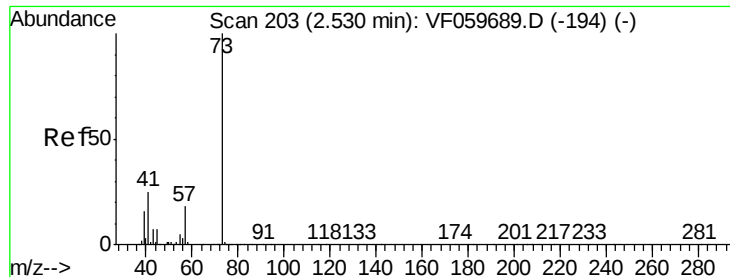
100

50

0

Time-->



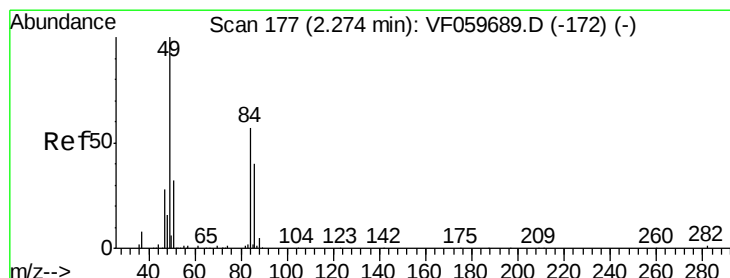
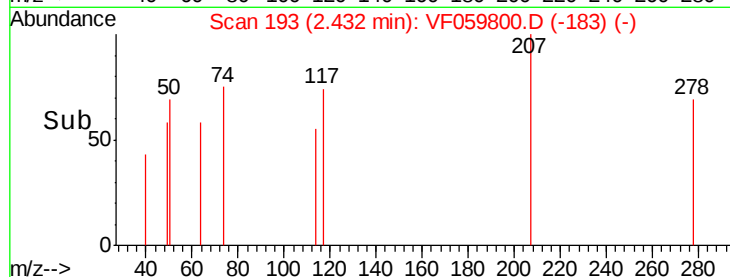
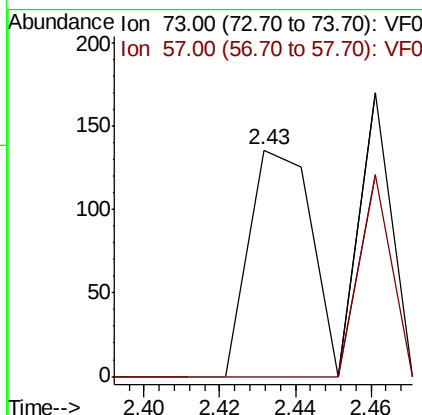
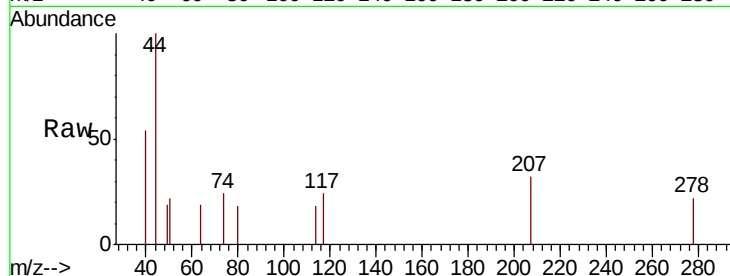


#19

Methyl tert-butyl Ether
 Concen: 3.98 ug/l
 RT: 2.43 min Scan# 193
 Delta R.T. -0.10 min
 Lab File: VF059800.D
 Acq: 2 Aug 2018 15:02

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-5RE

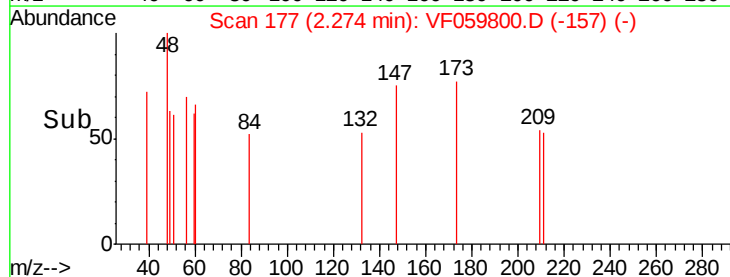
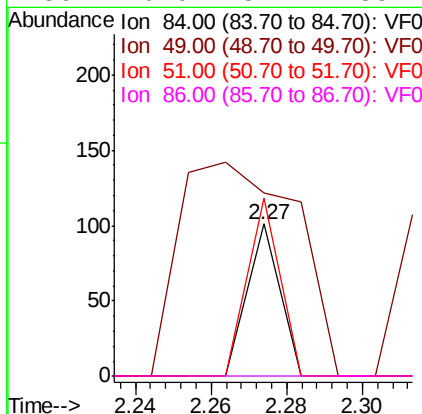
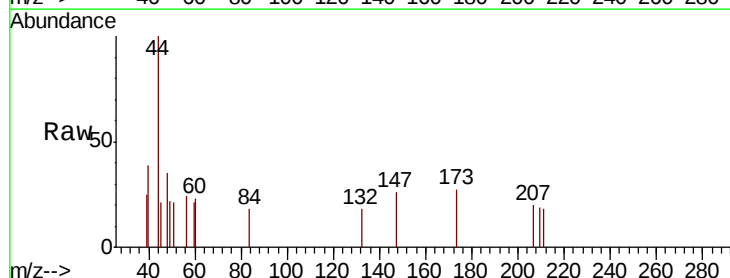
Tot Ion: 73 Resp: 155
 Ion Ratio Lower Upper
 73 100
 57 0.0 14.2 21.2#

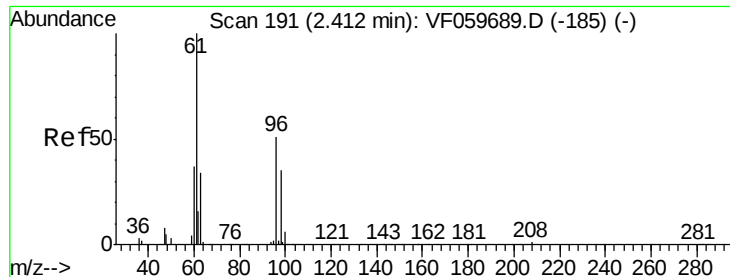


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.27 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VF059800.D
 Acq: 2 Aug 2018 15:02

Tgt Ion: 84 Resp: 60
 Ion Ratio Lower Upper
 84 100
 49 120.8 142.2 213.4#
 51 116.8 46.2 69.2#
 86 0.0 57.1 85.7#





#21

trans-1,2-Dichloroethene

Concen: 5.79 ug/l

RT: 2.47 min Scan# 197

Delta R.T. 0.06 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-5RE

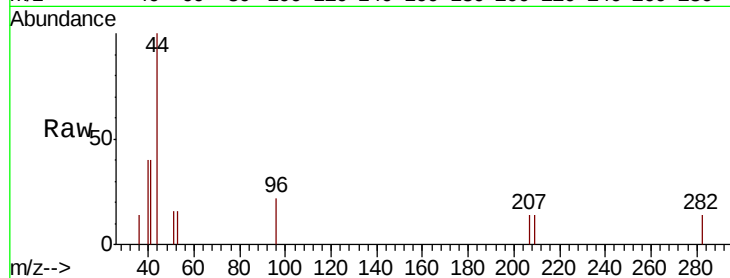
Tot Ion: 96 Resp: 90

Ion Ratio Lower Upper

96 100

61 0.0 157.4 236.0#

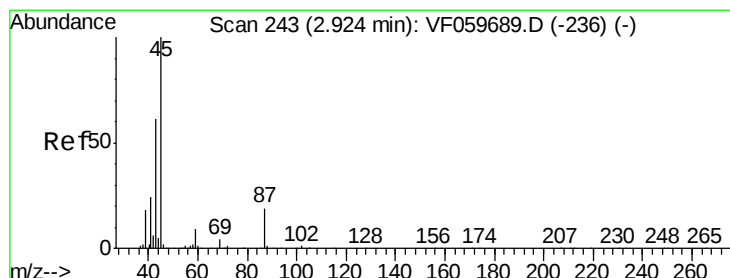
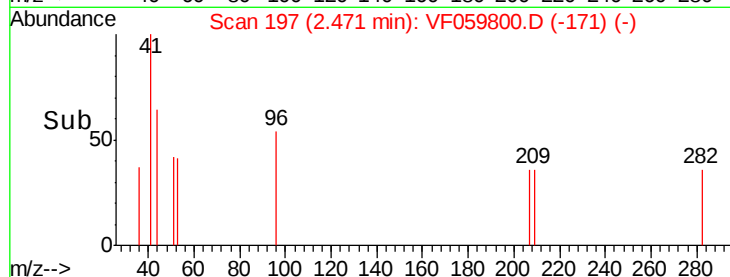
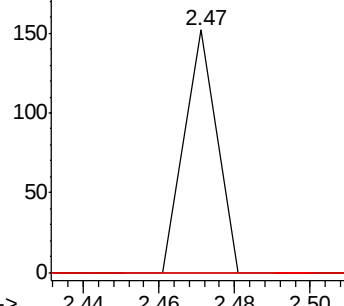
98 0.0 55.0 82.4#



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 2.71 ug/l

RT: 2.90 min Scan# 241

Delta R.T. -0.02 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Tgt Ion: 45 Resp: 117

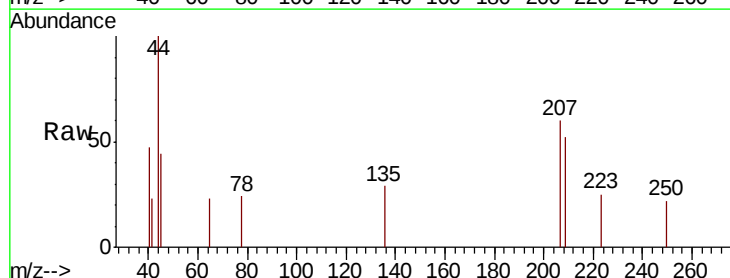
Ion Ratio Lower Upper

45 100

43 0.0 49.3 73.9#

87 0.0 15.3 22.9#

59 0.0 7.1 10.7#

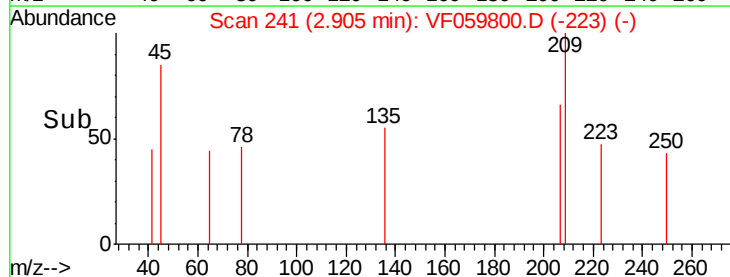
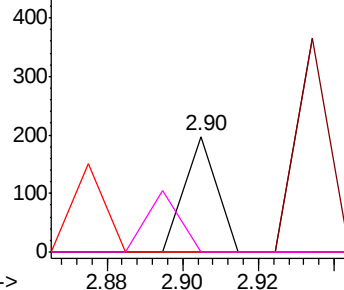


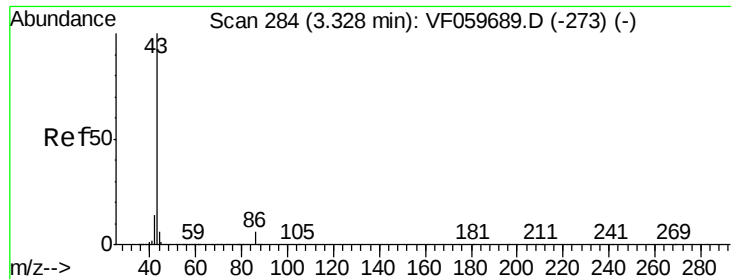
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 6.17 ug/l

RT: 3.29 min Scan# 280

Delta R.T. -0.04 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

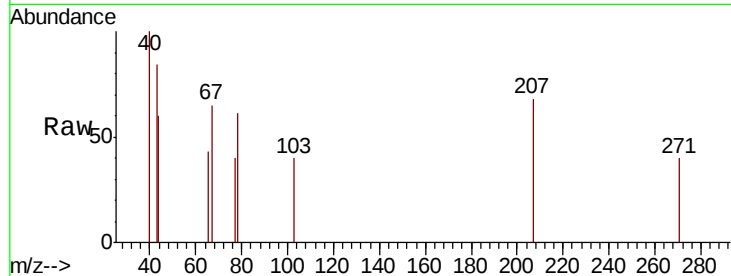
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 43 Resp: 137

Ion Ratio Lower Upper

43 100

86 0.0 4.6 6.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.29

250

200

150

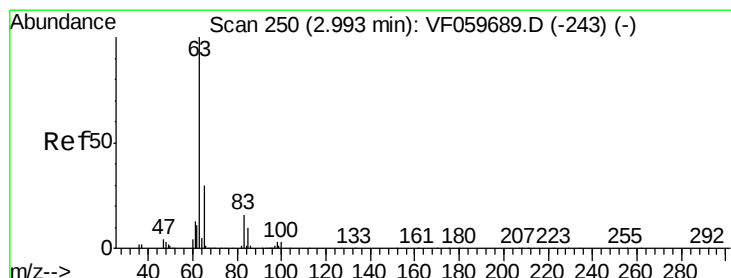
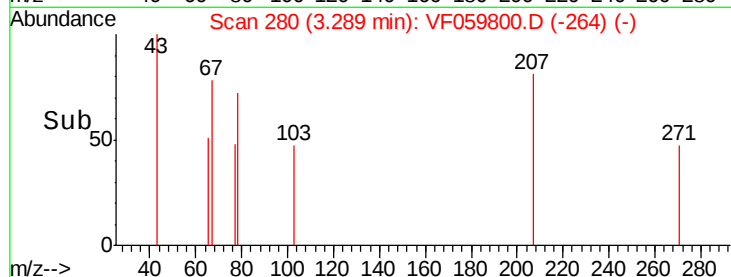
100

50

0

Time-->

3.26 3.28 3.30 3.32



#24

1,1-Dichloroethane

Concen: 2.13 ug/l

RT: 3.00 min Scan# 251

Delta R.T. 0.01 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

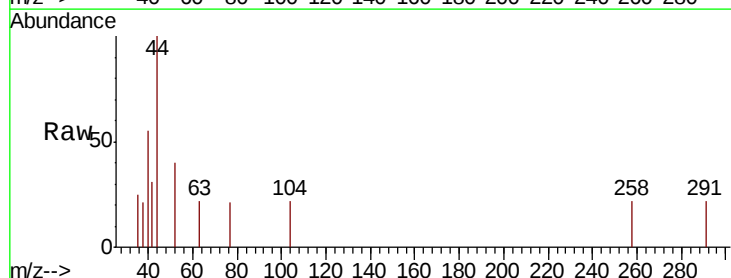
Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

98 0.0 1.4 4.2#

100 0.0 1.6 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

150

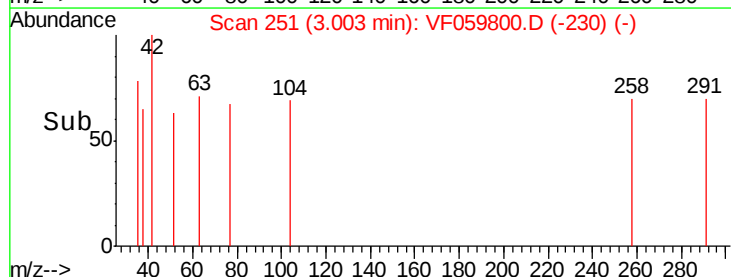
100

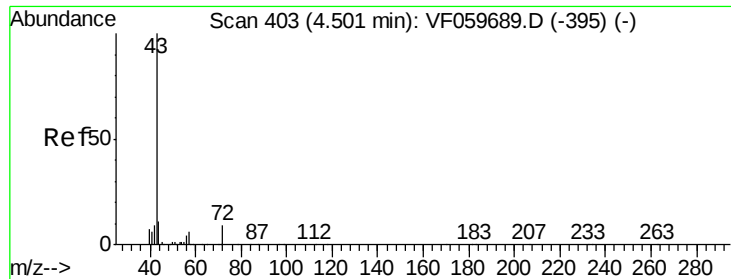
50

0

Time-->

2.98 3.00 3.02





#25

2-Butanone

Concen: 56.92 ug/l

RT: 4.49 min Scan# 402

Delta R.T. -0.01 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

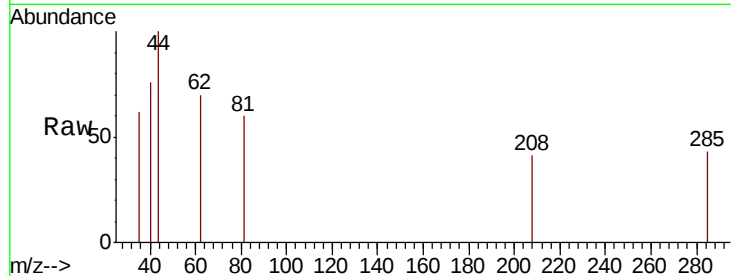
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 43 Resp: 339

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

250

200

150

100

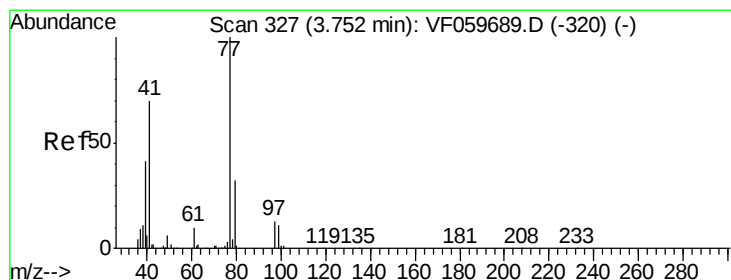
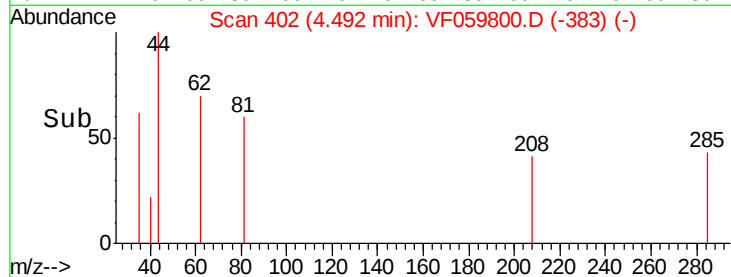
50

0

4.45

4.50

Time-->



#26

2,2-Dichloropropane

Concen: 3.27 ug/l

RT: 3.71 min Scan# 323

Delta R.T. -0.04 min

Lab File: VF059800.D

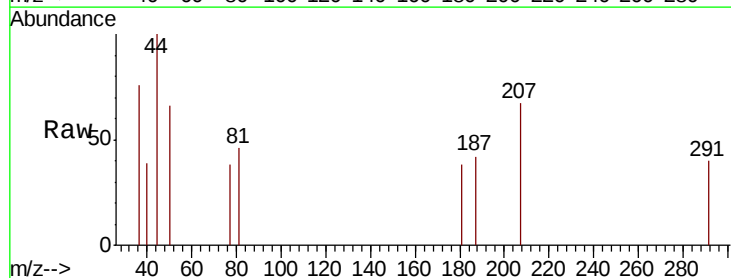
Acq: 2 Aug 2018 15:02

Tgt Ion: 77 Resp: 70

Ion Ratio Lower Upper

77 100

97 0.0 6.8 20.4#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

100

50

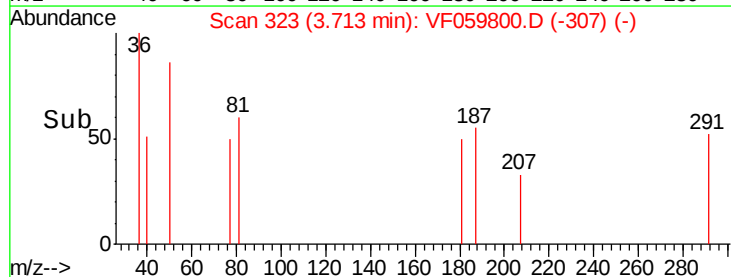
0

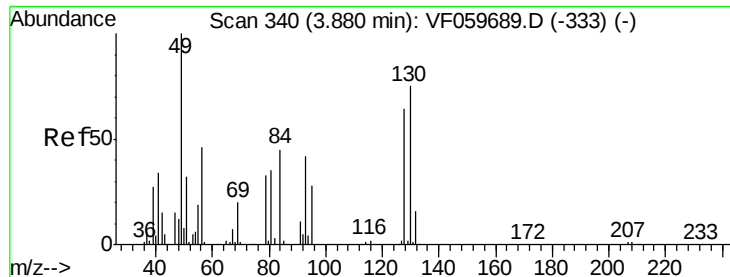
3.70

3.72

3.74

Time-->





#28

Bromochloromethane

Concen: 4.45 ug/l

RT: 3.94 min Scan# 346

Delta R.T. 0.06 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5RE

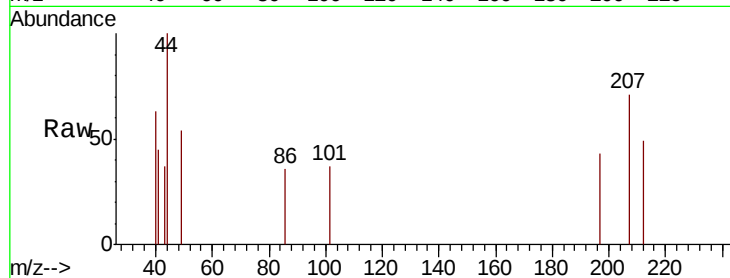
Tot Ion: 49 Resp: 90

Ion Ratio Lower Upper

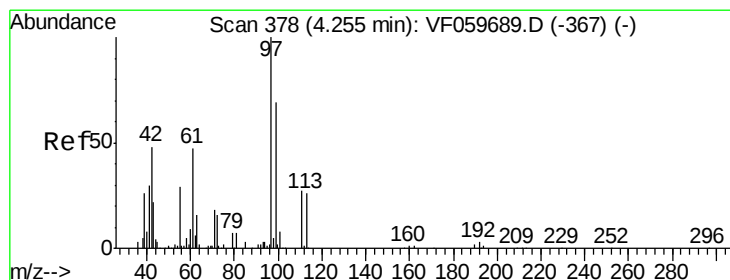
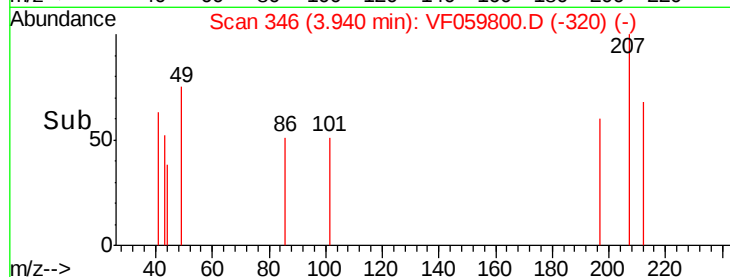
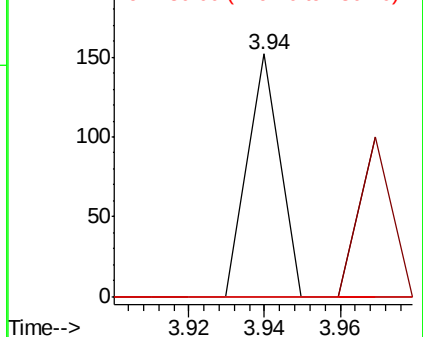
49 100

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: 26.65 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.06 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

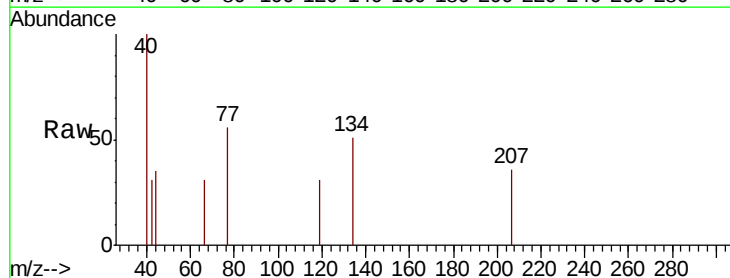
Tgt Ion: 42 Resp: 61

Ion Ratio Lower Upper

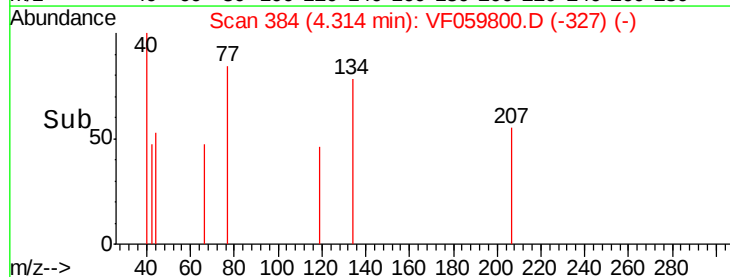
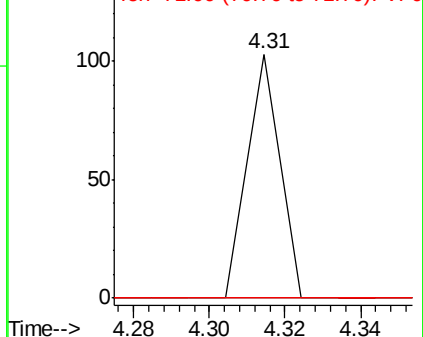
42 100

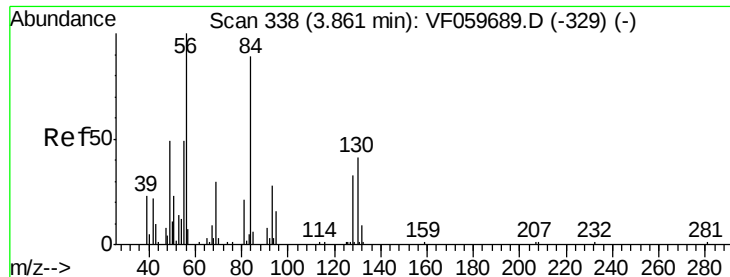
72 0.0 27.0 40.6#

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

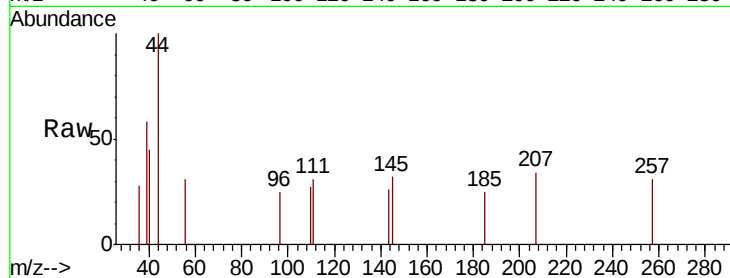




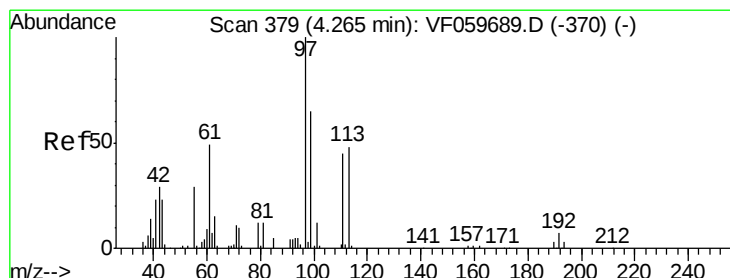
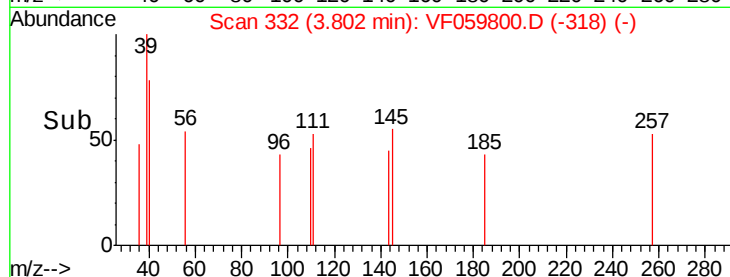
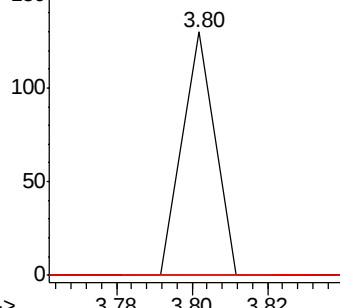
#31
Cvclohexane
Concen: 1.28 ug/l
RT: 3.80 min Scan# 332
Delta R.T. -0.06 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
69 0.0 23.7 35.5#
84 0.0 71.1 106.7#

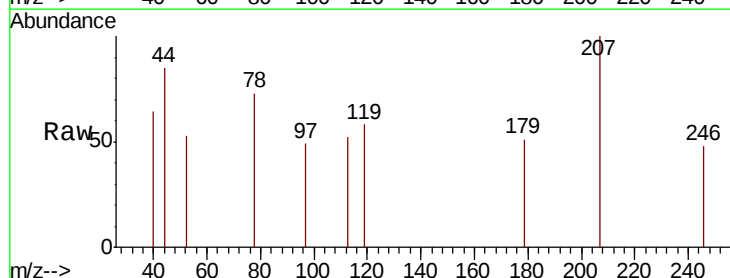


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

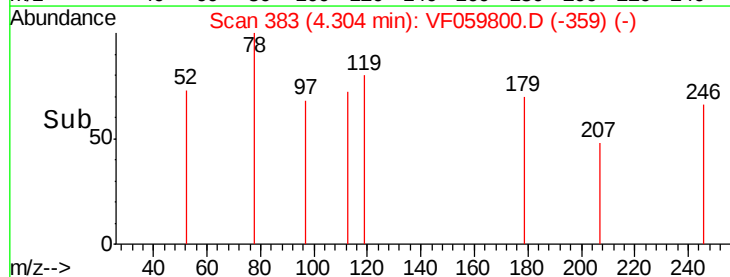
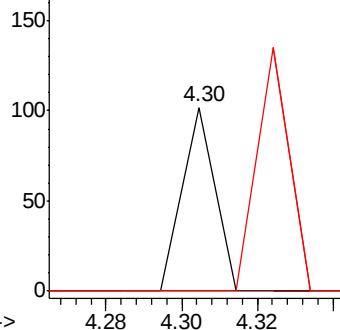


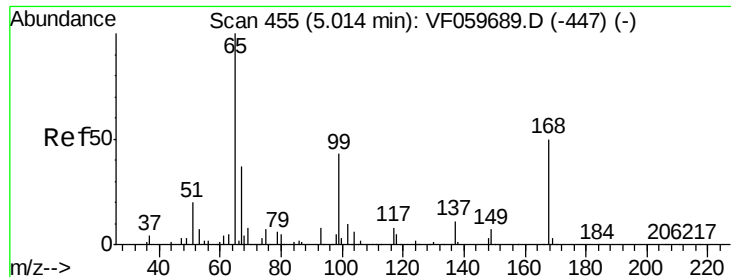
#32
1,1,1-Trichloroethane
Concen: 1.83 ug/l
RT: 4.30 min Scan# 383
Delta R.T. 0.04 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

Tgt Ion: 97 Resp: 60
Ion Ratio Lower Upper
97 100
99 0.0 52.4 78.6#
61 0.0 39.7 59.5#



Abundance Ion 97.00 (96.70 to 97.70): VF0
Ion 99.00 (98.70 to 99.70): VF0
Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 17.22 ug/l

RT: 4.98 min Scan# 452

Delta R.T. -0.03 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

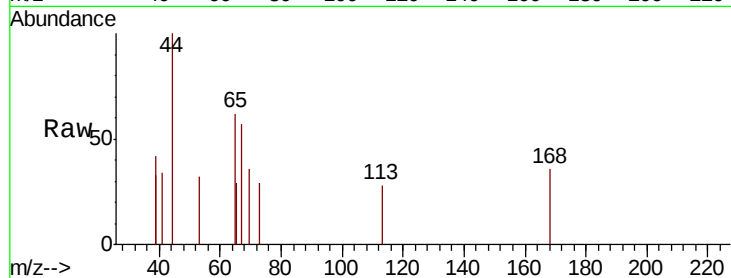
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 65 Resp: 511

Ion Ratio Lower Upper

65 100

67 62.6 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.98

300

200

100

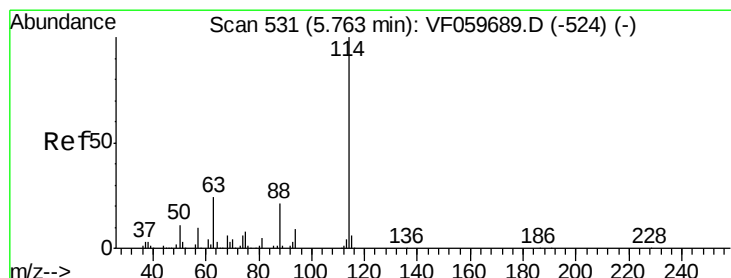
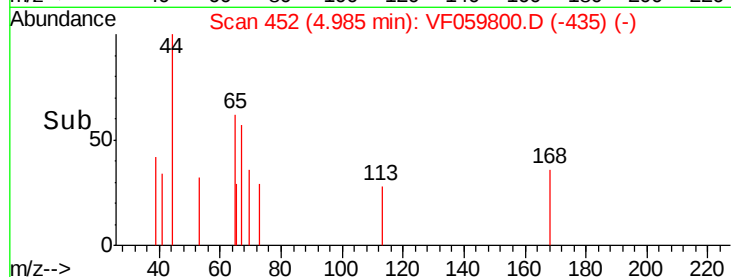
0

4.95

5.00

5.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

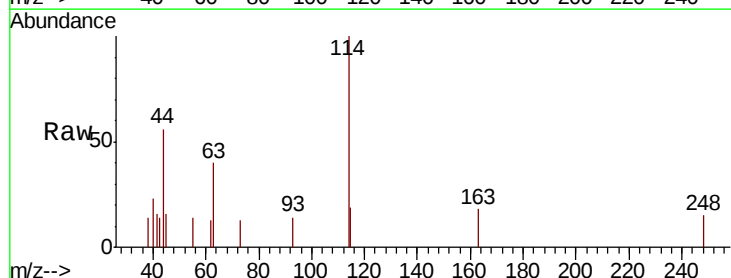
Tgt Ion: 114 Resp: 2340

Ion Ratio Lower Upper

114 100

63 33.5 0.0 47.4

88 0.0 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

1000

800

600

400

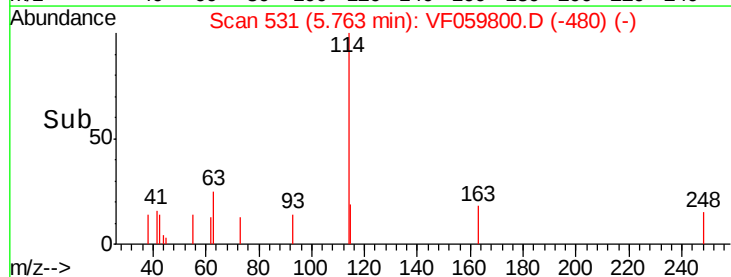
200

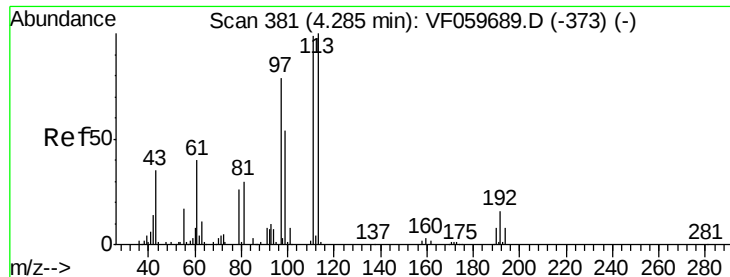
0

5.70

5.80

Time-->

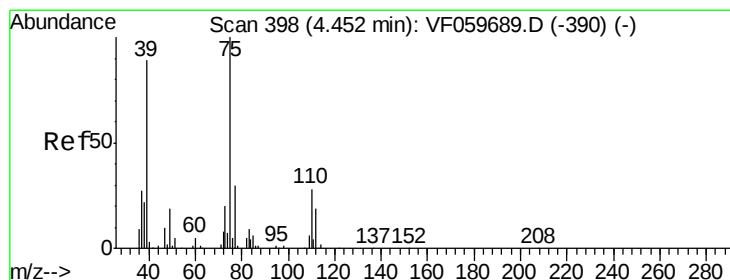
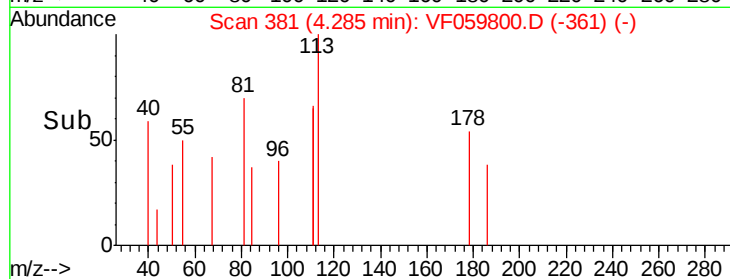
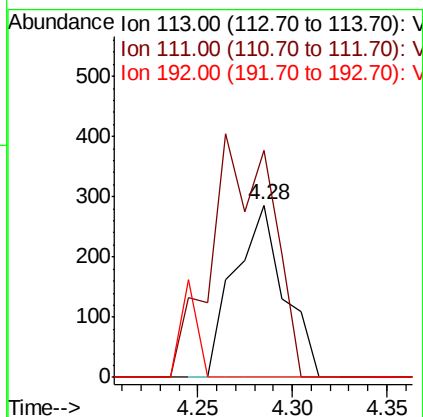
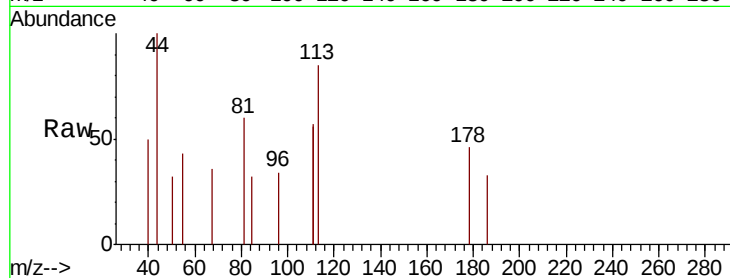




#35
 Dibromofluoromethane
 Concen: 21.48 ug/l
 RT: 4.28 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VF059800.D
 Acq: 2 Aug 2018 15:02

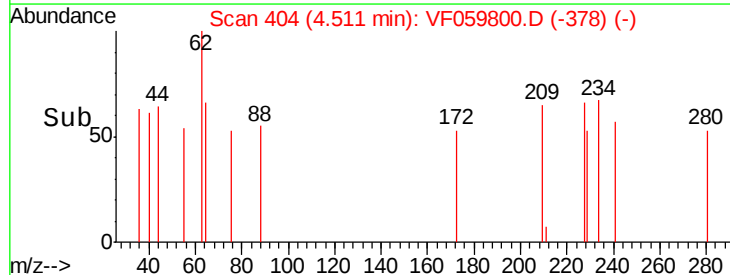
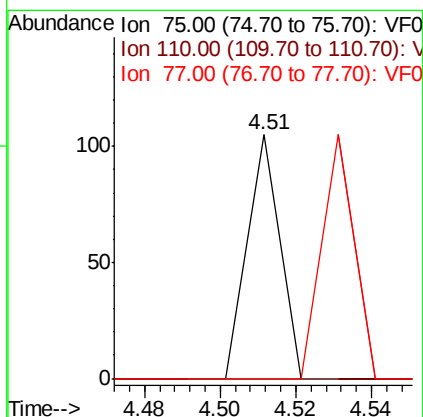
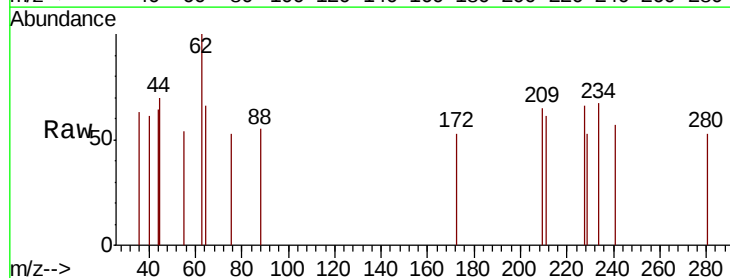
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-5RE

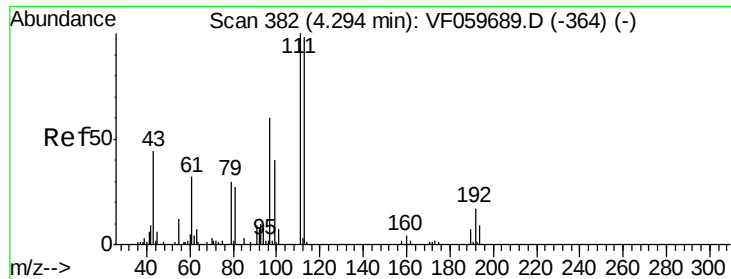
Tot Ion:113 Resp: 522
 Ion Ratio Lower Upper
 113 100
 111 131.5 79.0 118.4#
 192 0.0 13.2 19.8#



#36
 1,1-Dichloropropene
 Concen: Below Cal
 RT: 4.51 min Scan# 404
 Delta R.T. 0.06 min
 Lab File: VF059800.D
 Acq: 2 Aug 2018 15:02

Tgt Ion: 75 Resp: 62
 Ion Ratio Lower Upper
 75 100
 110 0.0 14.0 41.9#
 77 0.0 24.2 36.2#

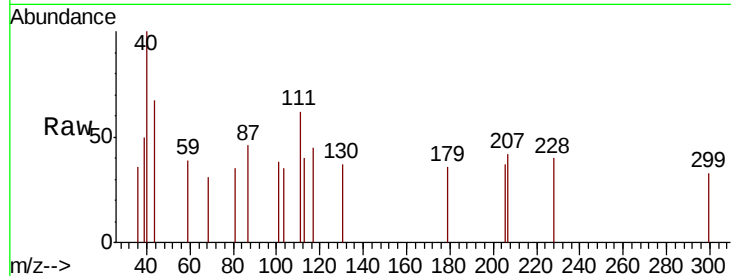




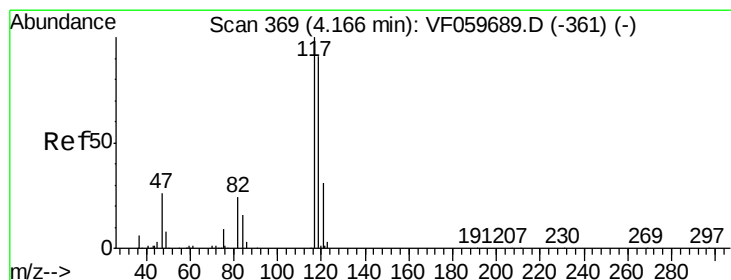
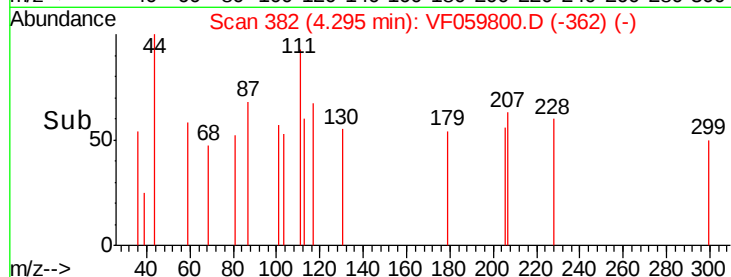
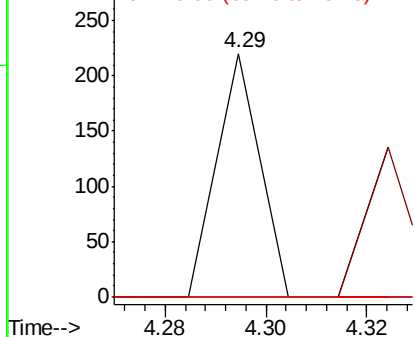
#37
Ethyl Acetate
Concen: 7.16 ug/l
RT: 4.29 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
61 0.0 58.2 87.2#
70 0.0 6.0 9.0#

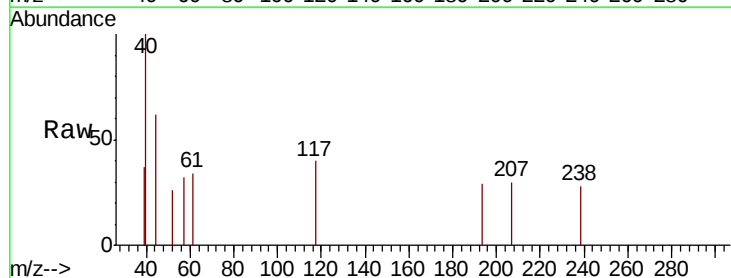


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

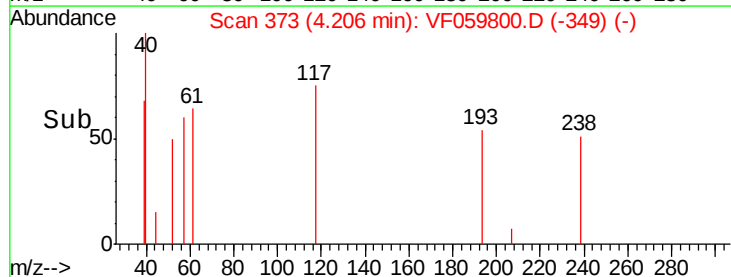
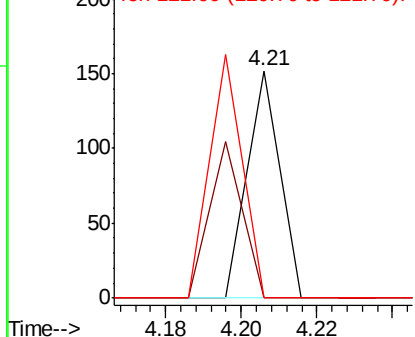


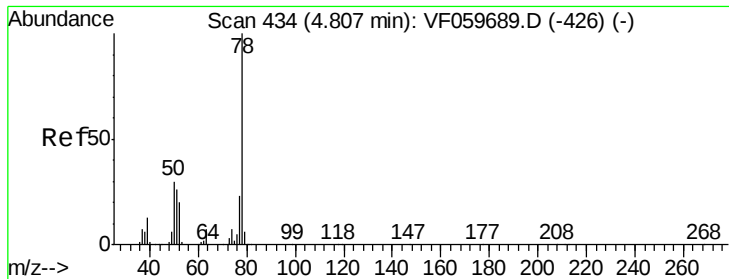
#38
Carbon Tetrachloride
Concen: 2.42 ug/l
RT: 4.21 min Scan# 373
Delta R.T. 0.04 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

Tgt Ion: 117 Resp: 90
Ion Ratio Lower Upper
117 100
119 0.0 72.9 109.3#
121 0.0 25.0 37.4#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V





#40

Benzene

Concen: 3.17 ug/l

RT: 4.84 min Scan# 437

Delta R.T. 0.03 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

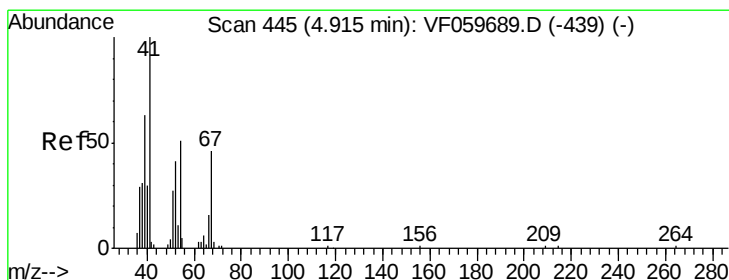
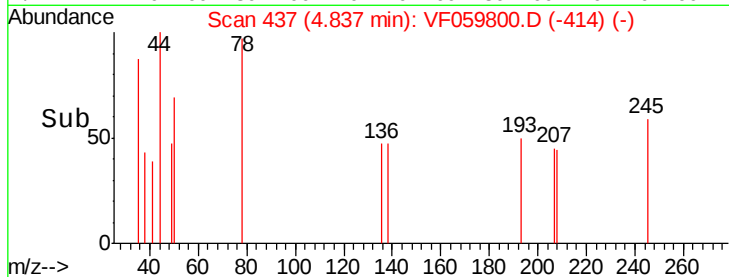
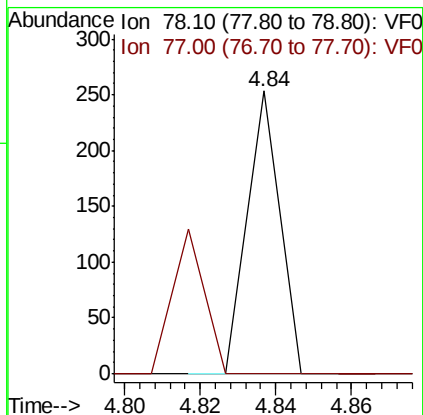
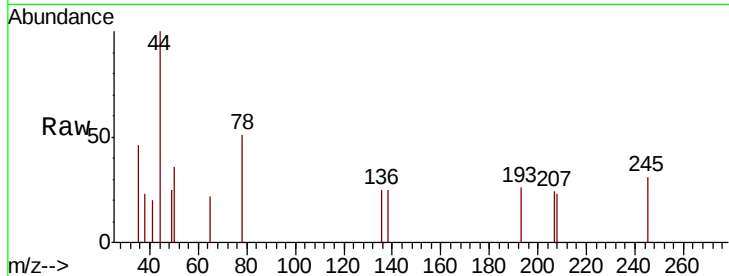
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 78 Resp: 150

Ion Ratio Lower Upper

78 100

77 0.0 18.9 28.3#



#41

Methacrylonitrile

Concen: 24.18 ug/l

RT: 4.94 min Scan# 447

Delta R.T. 0.02 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Tgt Ion: 41 Resp: 151

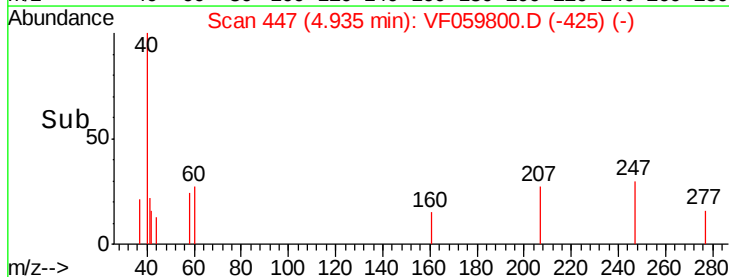
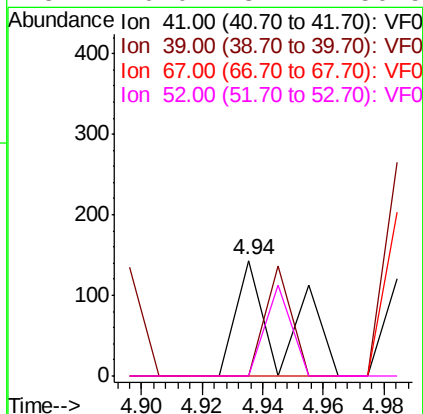
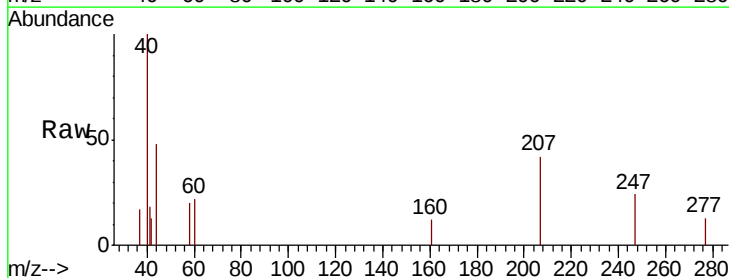
Ion Ratio Lower Upper

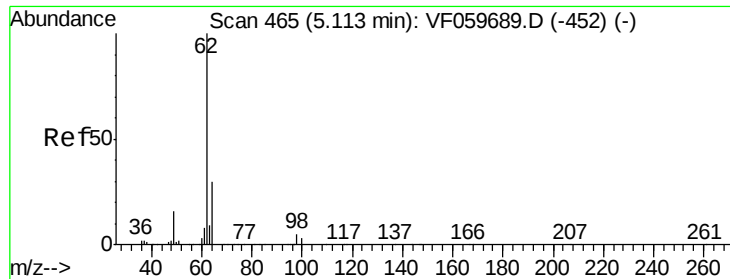
41 100

39 0.0 55.2 82.8#

67 0.0 36.2 54.2#

52 0.0 37.7 56.5#





#42

1,2-Dichloroethane

Concen: 2.87 ug/l

RT: 5.15 min Scan# 469

Delta R.T. 0.04 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

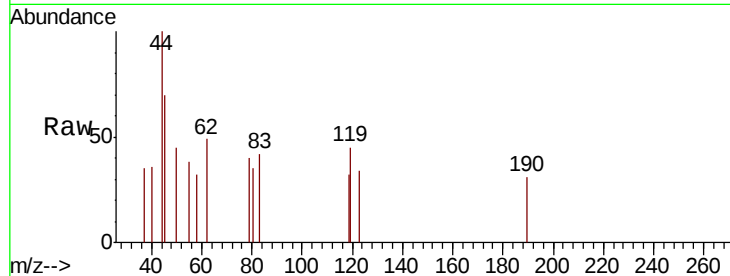
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 62 Resp: 95

Ion Ratio Lower Upper

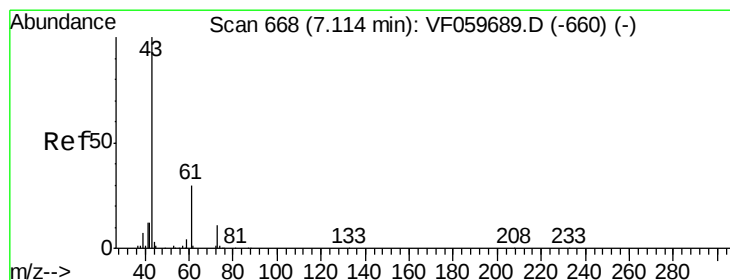
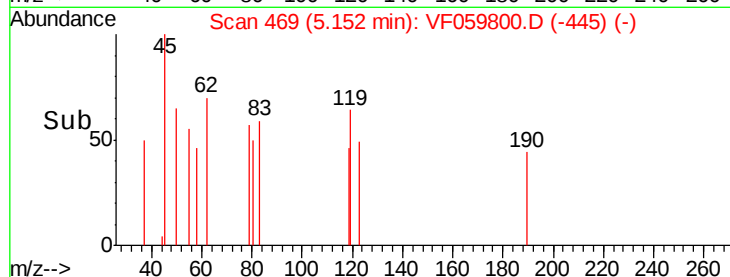
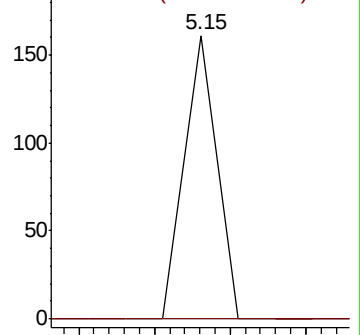
62 100

98 0.0 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: 24.16 ug/l

RT: 7.10 min Scan# 667

Delta R.T. -0.01 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

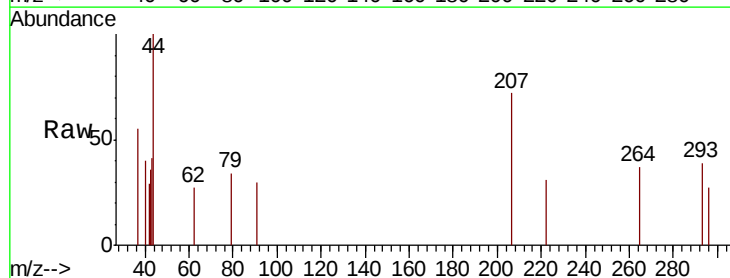
Tgt Ion: 43 Resp: 338

Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.8#

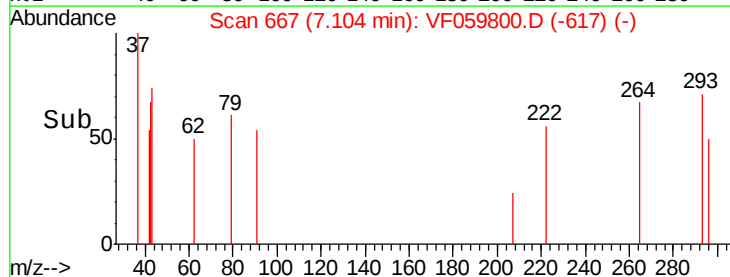
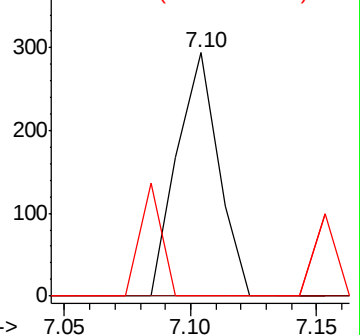
87 0.0 0.6 1.0#

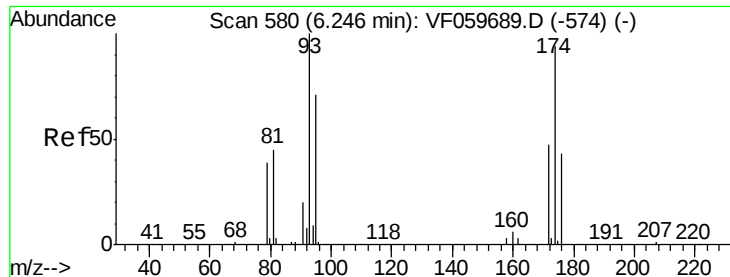


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#46

Dibromomethane

Concen: 5.06 ug/l

RT: 6.26 min Scan# 581

Delta R.T. 0.01 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-5RE

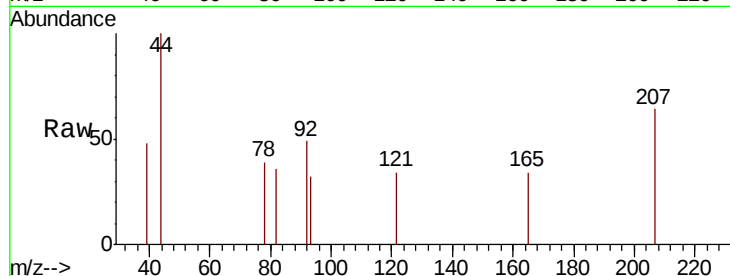
Tot Ion: 93 Resp: 60

Ion Ratio Lower Upper

93 100

95 0.0 57.1 85.7#

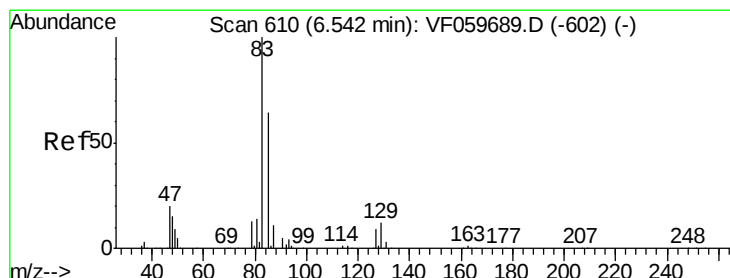
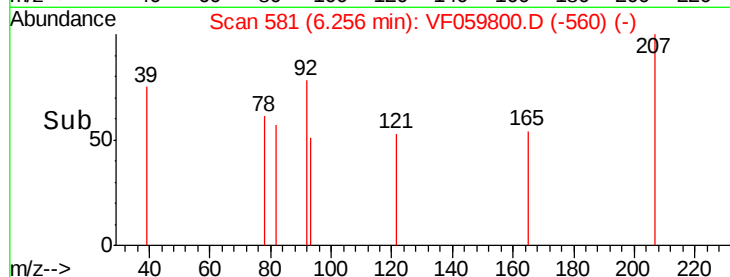
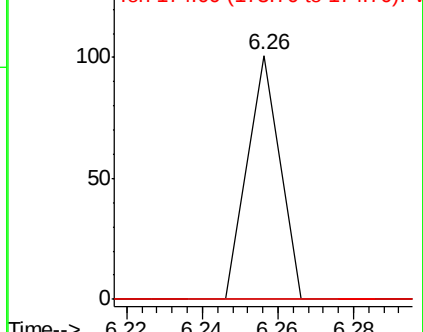
174 0.0 74.8 112.2#



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



#47

Bromodichloromethane

Concen: 2.01 ug/l

RT: 6.61 min Scan# 617

Delta R.T. 0.07 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

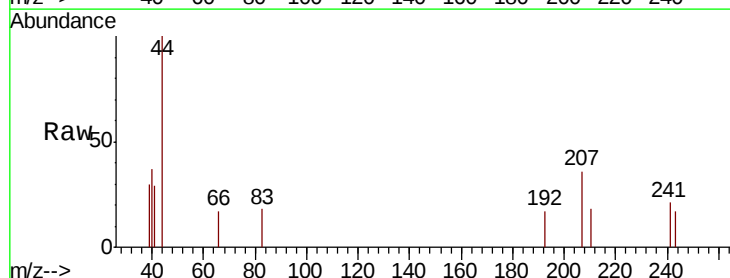
Tgt Ion: 83 Resp: 65

Ion Ratio Lower Upper

83 100

85 0.0 51.0 76.6#

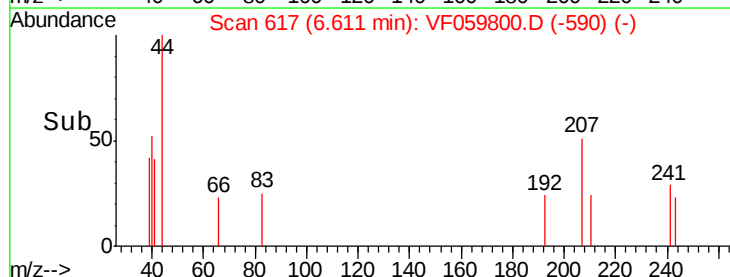
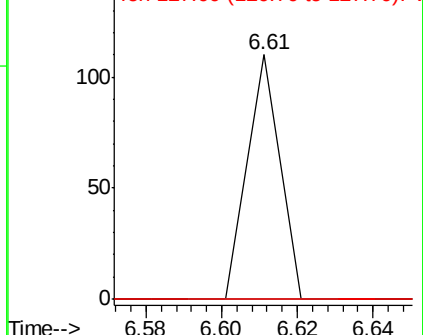
127 0.0 7.3 10.9#

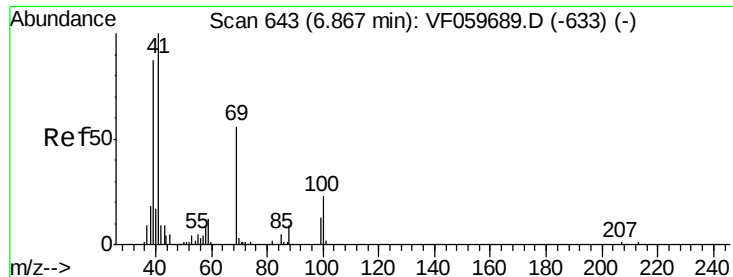


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V

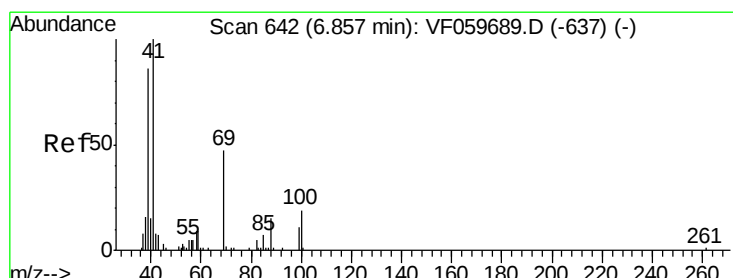
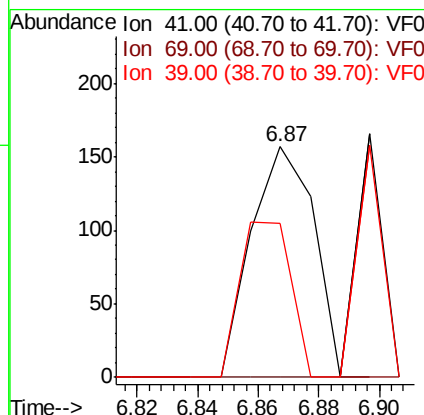
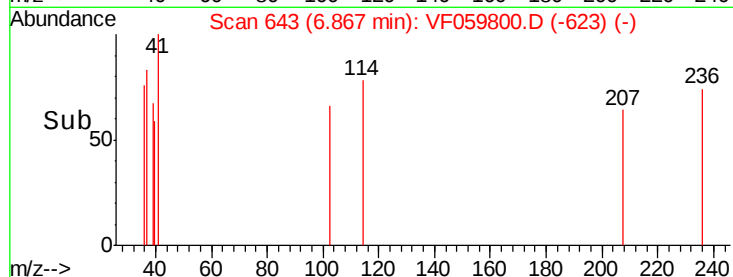
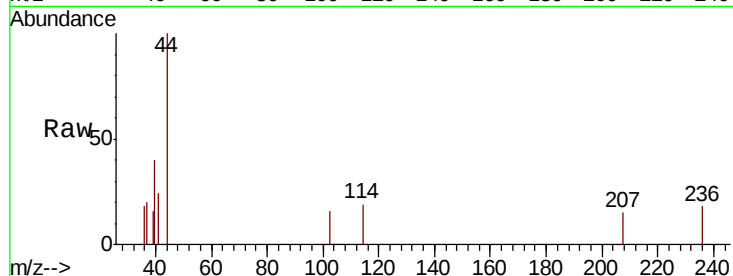




#48
Methyl methacrylate
Concen: 21.38 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.00 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

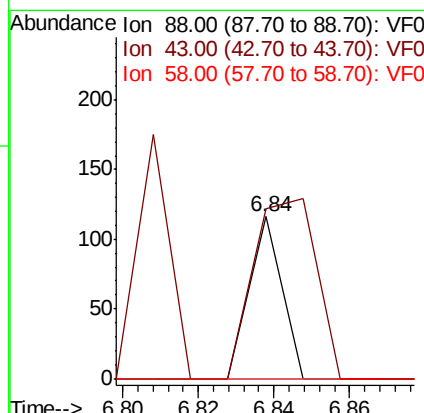
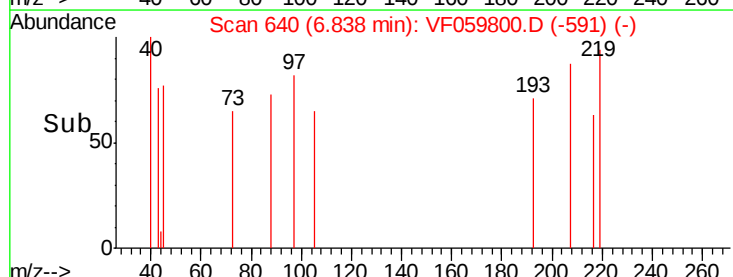
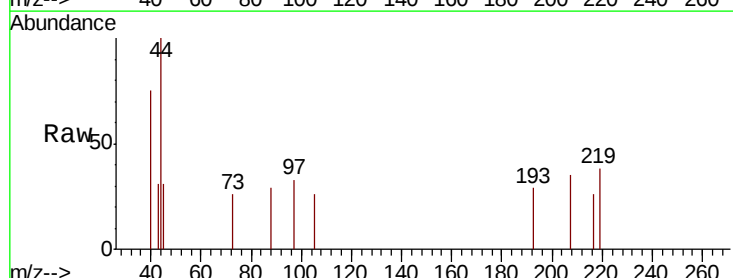
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5RE

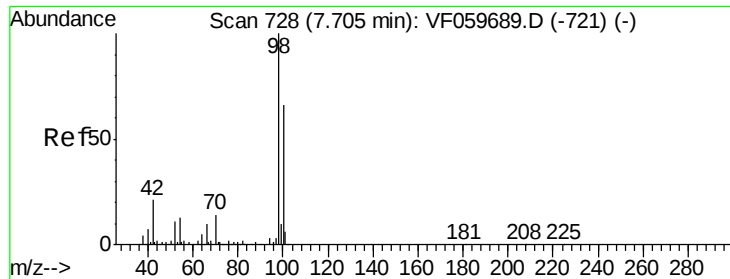
Tot Ion: 41 Resp: 225
Ion Ratio Lower Upper
41 100
69 0.0 44.4 66.6#
39 233.1 69.4 104.2#



#49
1,4-Dioxane
Concen: 1019.04 ug/l
RT: 6.84 min Scan# 640
Delta R.T. -0.02 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 105.2 45.2 67.8#
58 0.0 49.0 73.6#

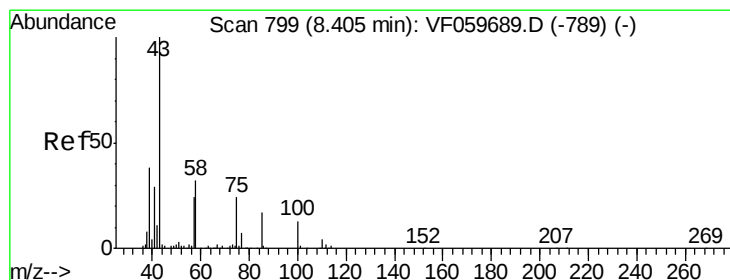
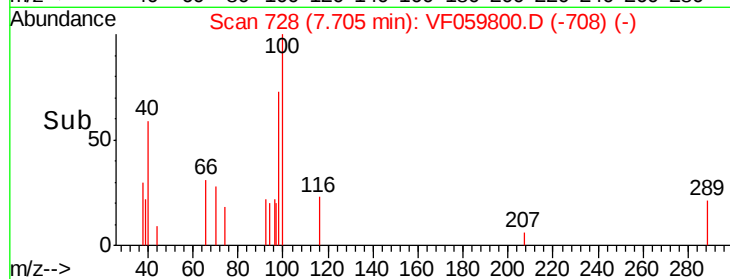
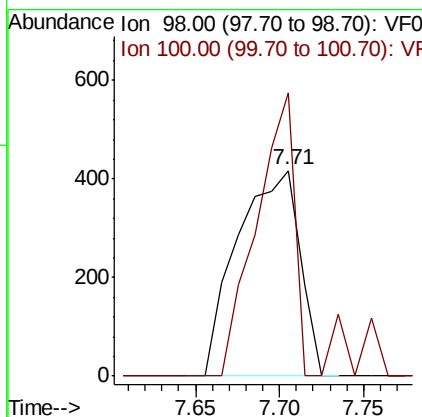
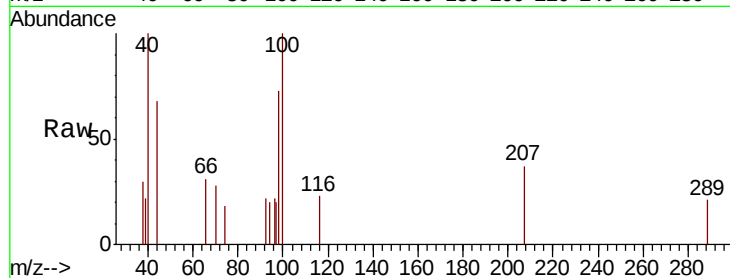




#50
Toluene-d8
Concen: 18.97 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

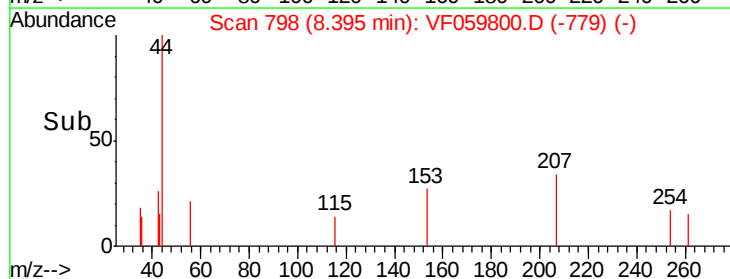
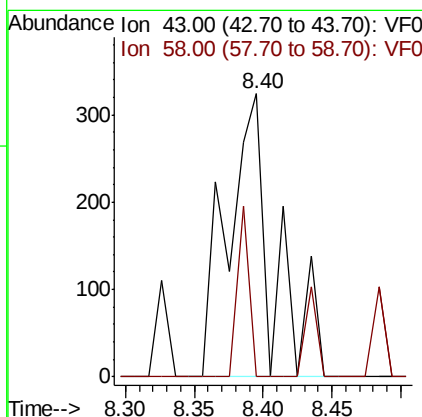
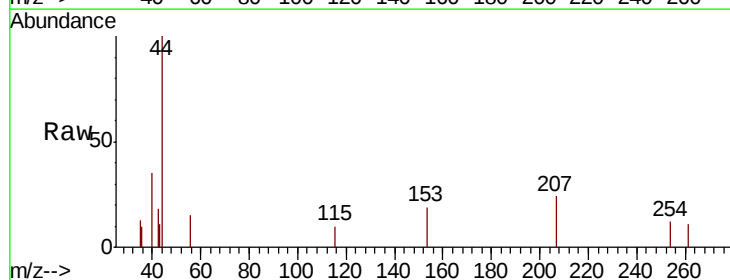
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5RE

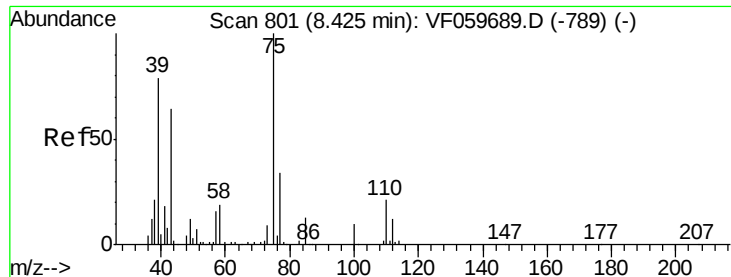
Tot Ion: 98 Resp: 1075
Ion Ratio Lower Upper
98 100
100 137.6 52.8 79.2#



#51
4-Methyl-2-Pentanone
Concen: 70.65 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.01 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#





#53

t-1,3-Dichloropropene

Concen: 2.89 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.02 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

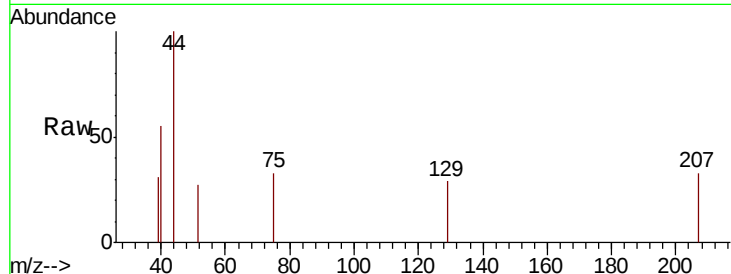
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 75 Resp: 81

Ion Ratio Lower Upper

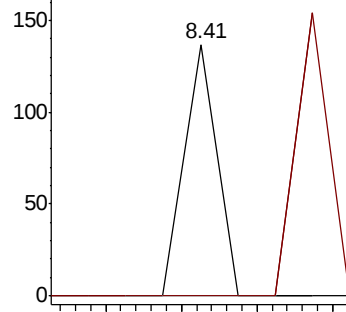
75 100

77 0.0 27.0 40.4#

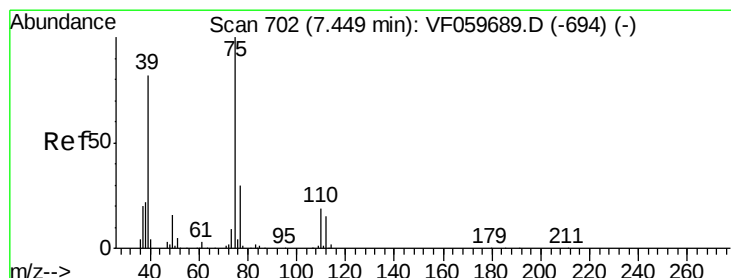
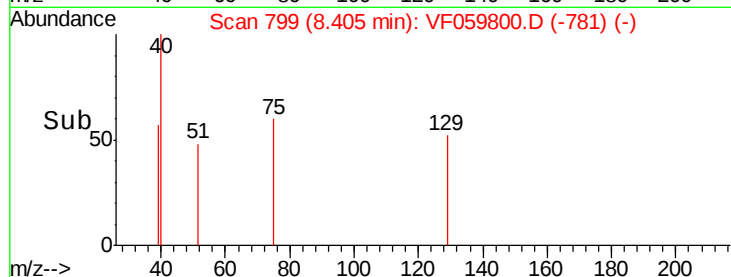


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 2.95 ug/l

RT: 7.42 min Scan# 699

Delta R.T. -0.03 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

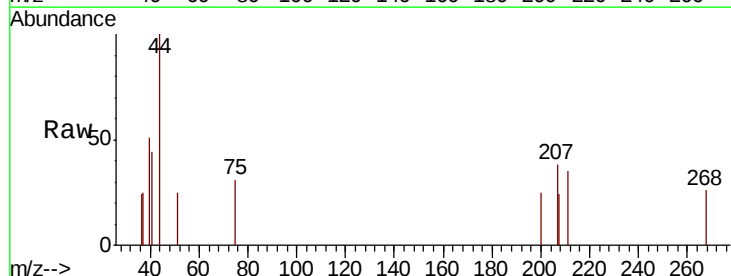
Tgt Ion: 75 Resp: 80

Ion Ratio Lower Upper

75 100

77 0.0 24.0 36.0#

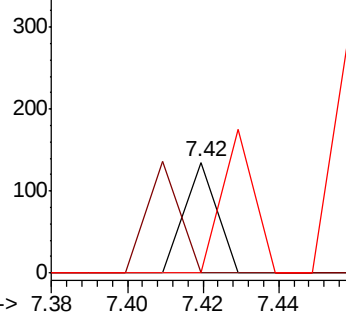
39 0.0 65.4 98.2#



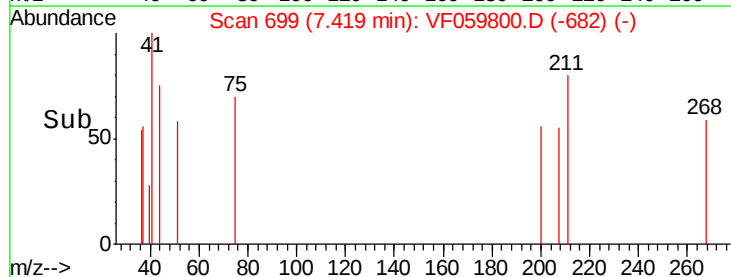
Abundance Ion 75.00 (74.70 to 75.70): VF0

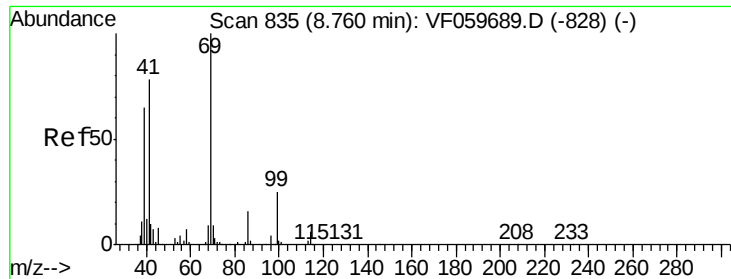
Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->





#56

Ethyl methacrylate

Concen: 4.94 ug/l

RT: 8.85 min Scan# 844

Delta R.T. 0.09 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-5RE

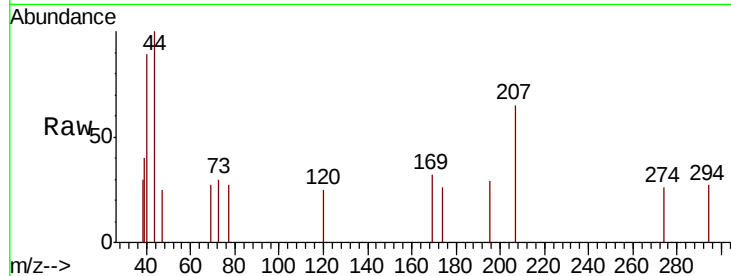
Tot Ion: 69 Resp: 66

Ion Ratio Lower Upper

69 100

41 0.0 62.3 93.5#

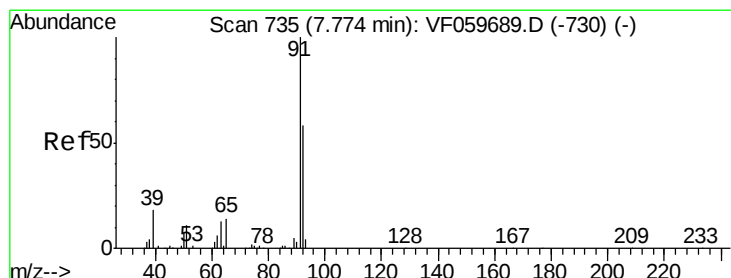
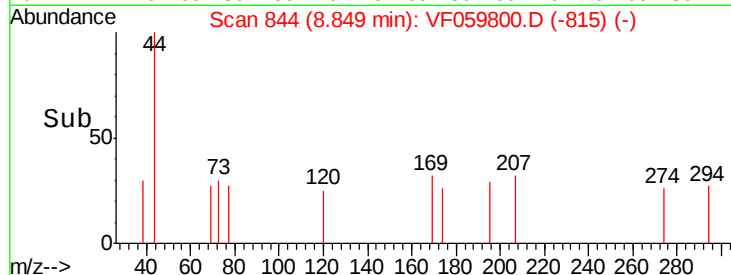
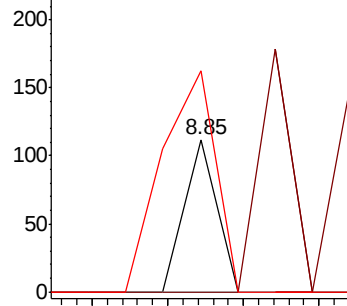
39 145.5 52.4 78.6#



Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 60.35 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.09 min

Lab File: VF059800.D

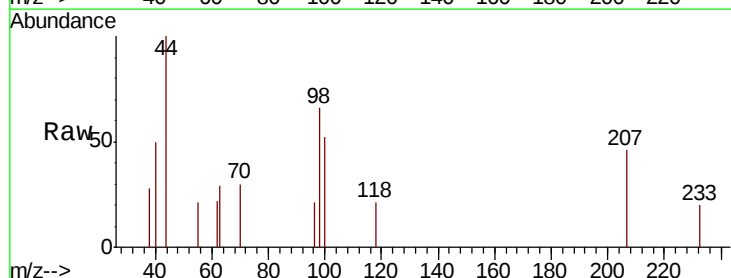
Acq: 2 Aug 2018 15:02

Tgt Ion: 63 Resp: 93

Ion Ratio Lower Upper

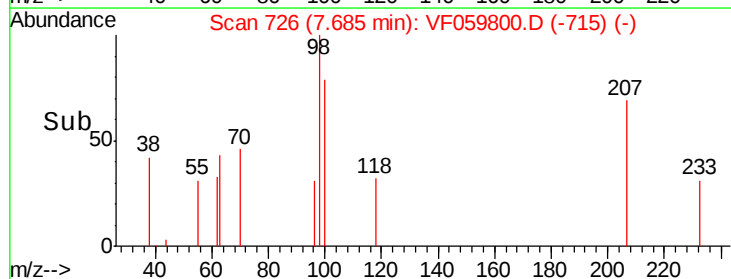
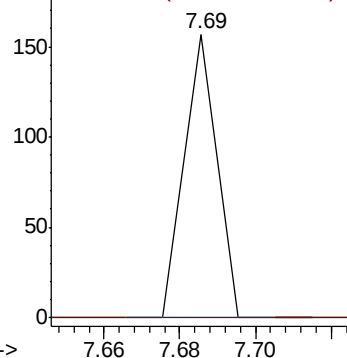
63 100

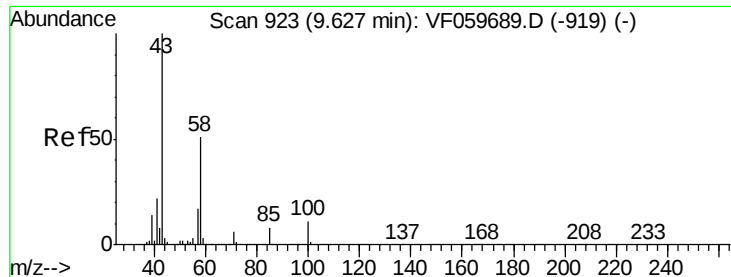
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

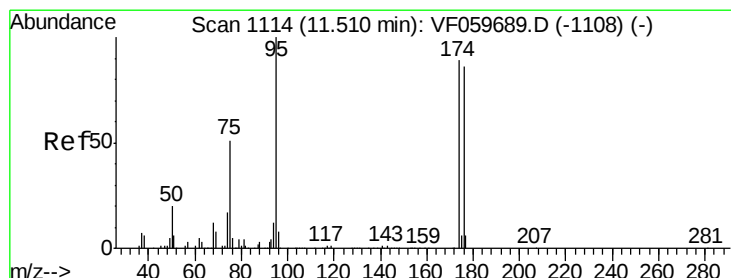
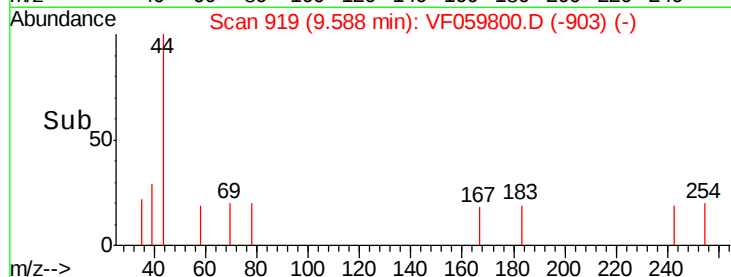
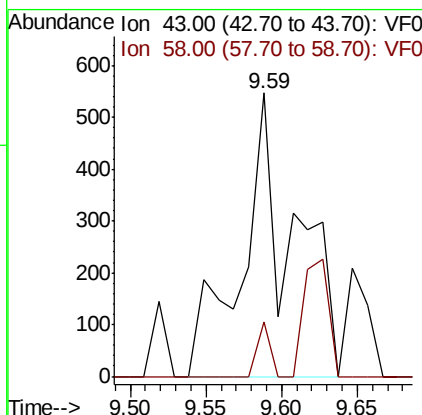
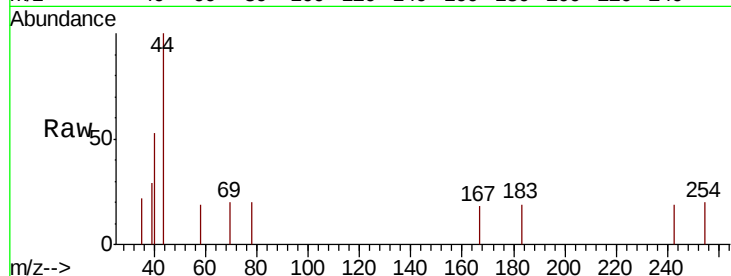




#59
2-Hexanone
Concen: 154.64 ug/l
RT: 9.59 min Scan# 919
Delta R.T. -0.04 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

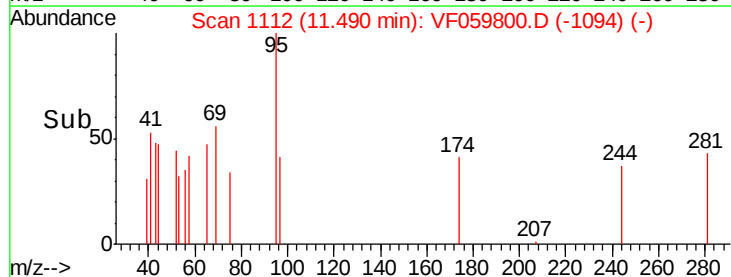
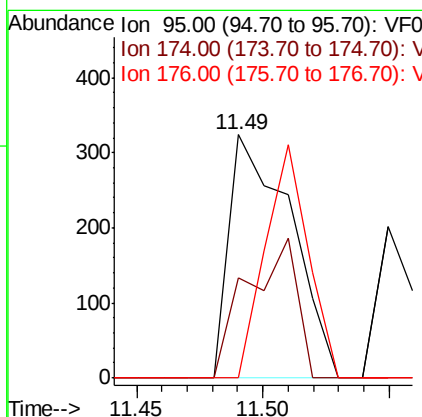
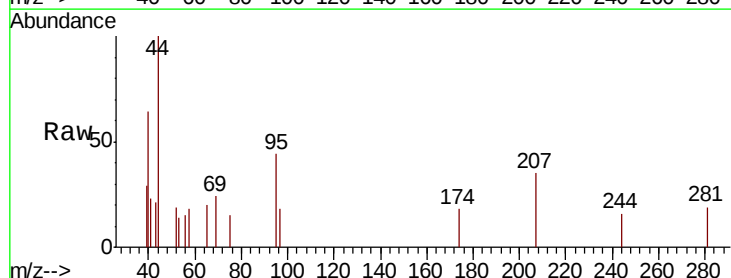
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5RE

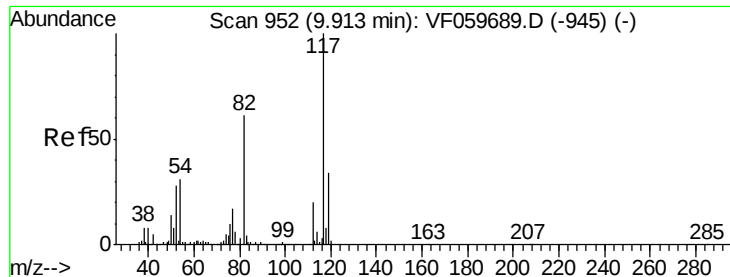
Tot Ion: 43 Resp: 1319
Ion Ratio Lower Upper
43 100
58 19.4 23.3 69.8#



#62
4-Bromofluorobenzene
Concen: 17.56 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

Tgt Ion: 95 Resp: 551
Ion Ratio Lower Upper
95 100
174 41.0 0.0 178.4
176 0.0 0.0 173.0

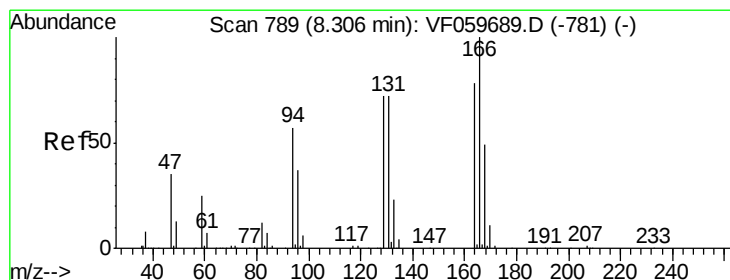
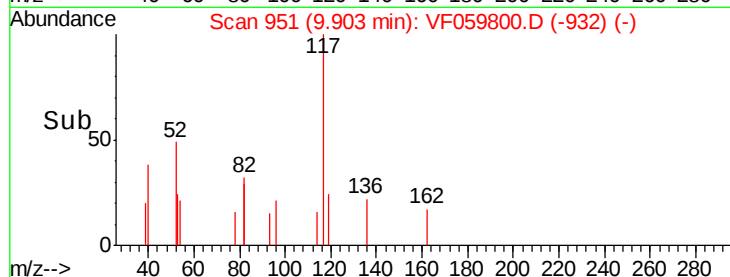
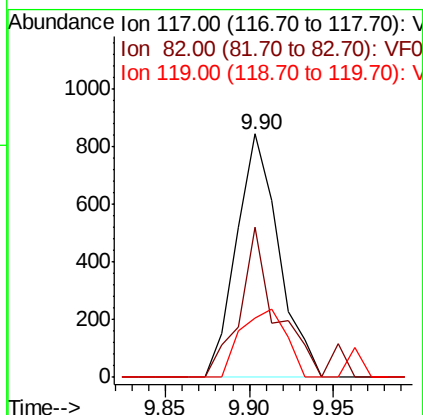
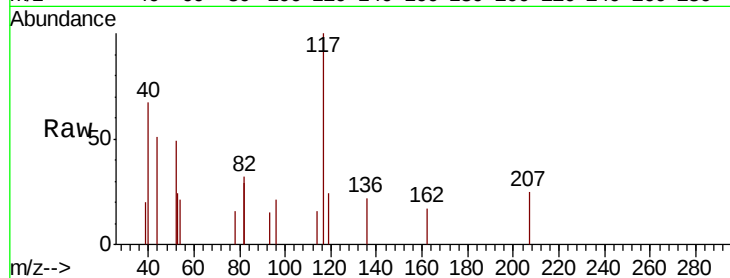




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

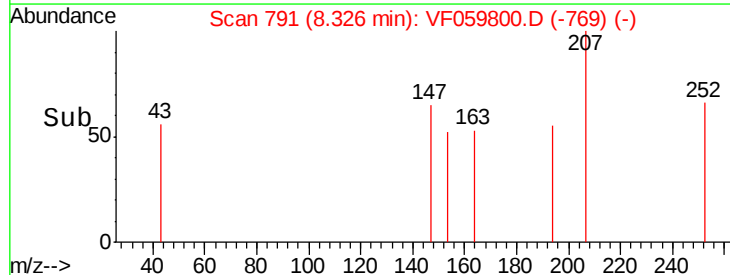
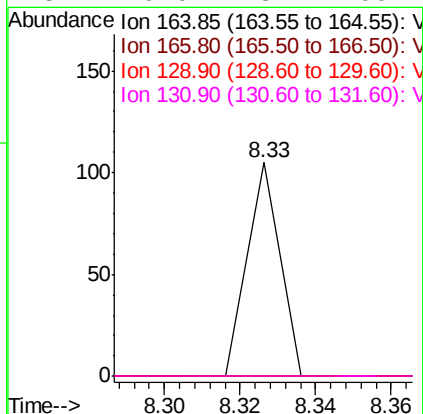
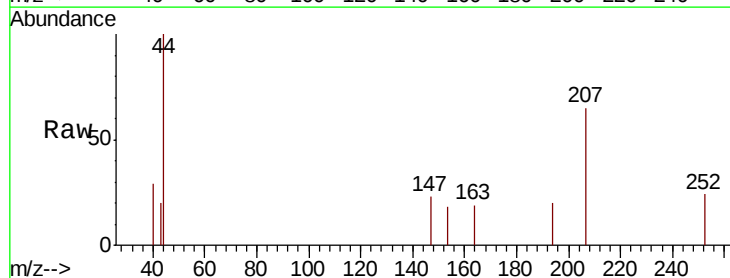
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5RE

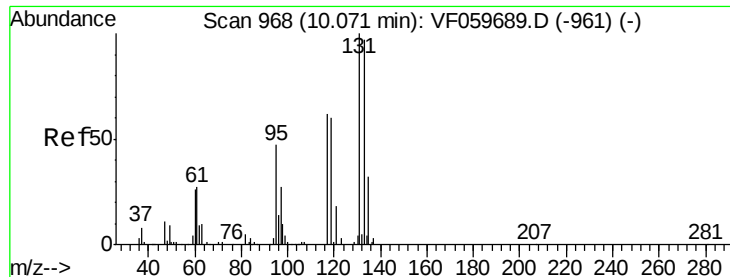
Tot Ion:117 Resp: 1474
Ion Ratio Lower Upper
117 100
82 61.5 49.0 73.4
119 24.4 27.3 40.9#



#64
Tetrachloroethene
Concen: 1.99 ug/l
RT: 8.33 min Scan# 791
Delta R.T. 0.02 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

Tgt Ion:164 Resp: 62
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#





#66

1,1,1,2-Tetrachloroethane

Concen: 7.34 ug/l

RT: 10.03 min Scan# 964

Delta R.T. -0.04 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-5RE

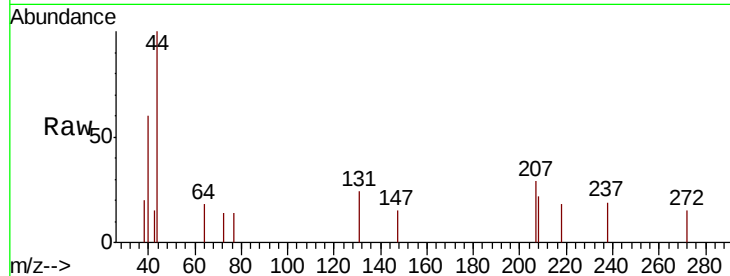
Tot Ion: 131 Resp: 101

Ion Ratio Lower Upper

131 100

133 0.0 48.5 145.5#

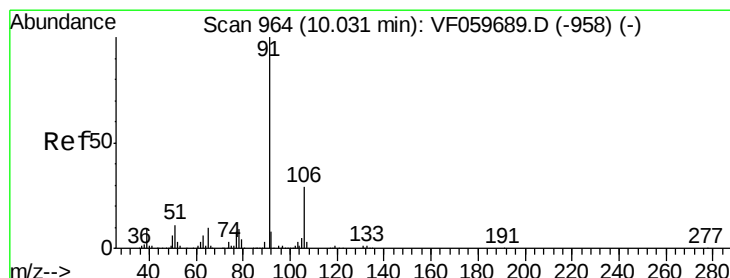
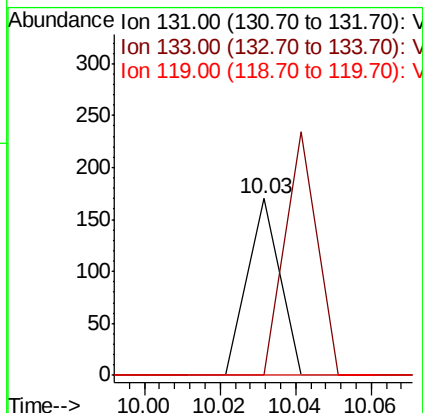
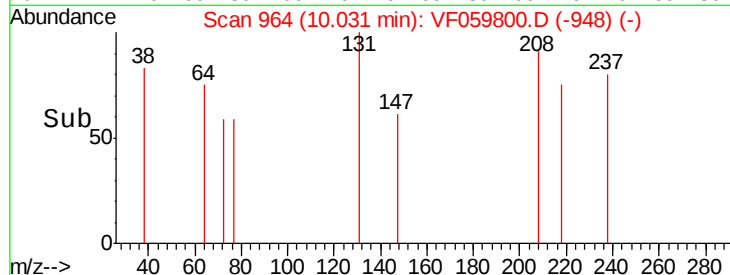
119 0.0 30.3 90.8#



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



#67

Ethyl Benzene

Concen: 2.69 ug/l

RT: 10.13 min Scan# 974

Delta R.T. 0.10 min

Lab File: VF059800.D

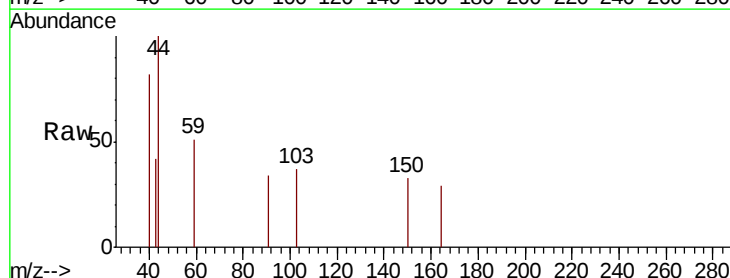
Acq: 2 Aug 2018 15:02

Tgt Ion: 91 Resp: 137

Ion Ratio Lower Upper

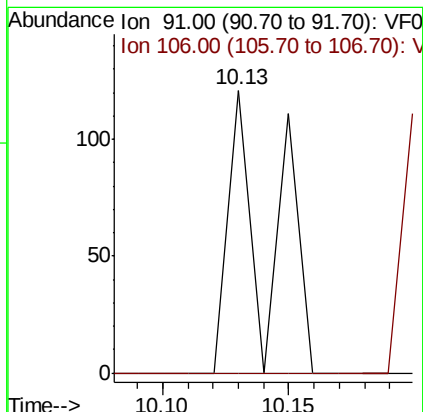
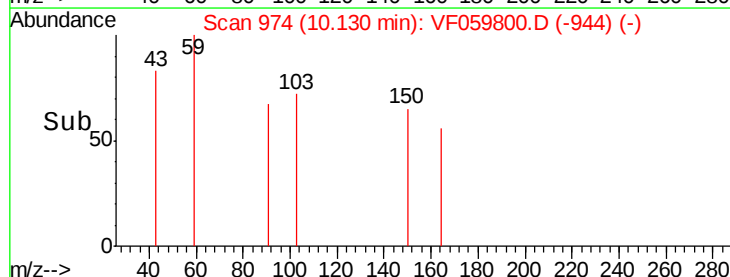
91 100

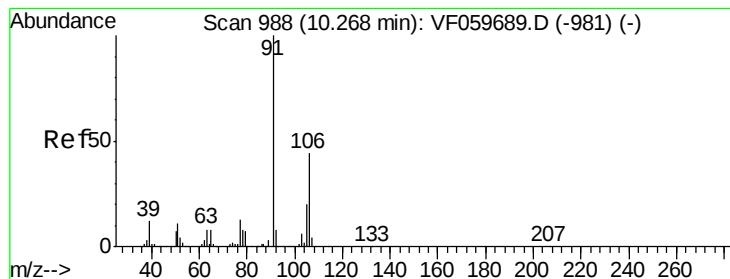
106 0.0 22.9 34.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: Below Cal

RT: 10.20 min Scan# 981

Delta R.T. -0.07 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

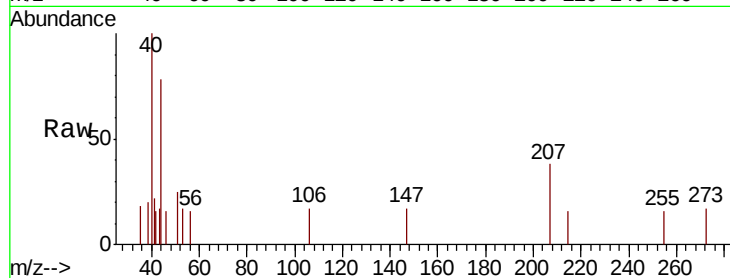
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion:106 Resp: 67

Ion Ratio Lower Upper

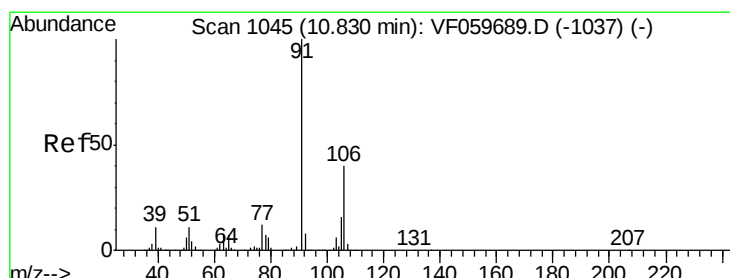
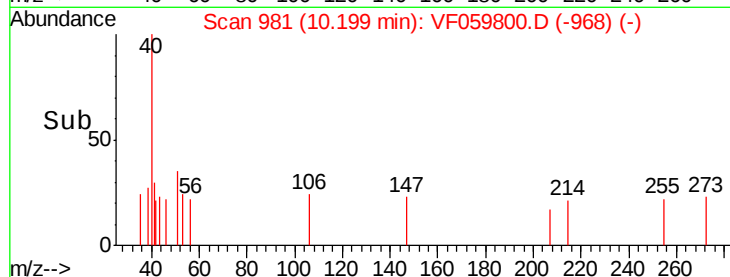
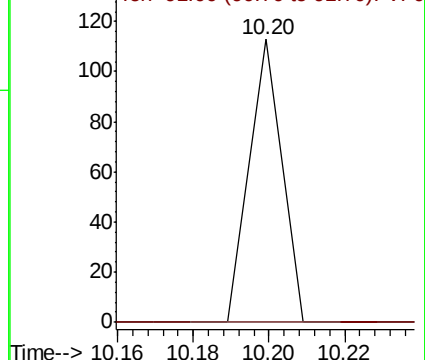
106 100

91 0.0 181.7 272.5#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#69

o-Xylene

Concen: 3.72 ug/l

RT: 10.67 min Scan# 1029

Delta R.T. -0.16 min

Lab File: VF059800.D

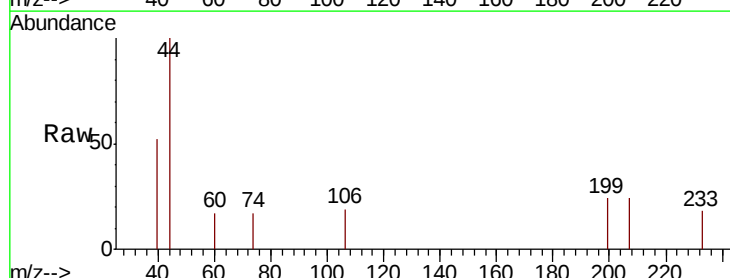
Acq: 2 Aug 2018 15:02

Tgt Ion:106 Resp: 70

Ion Ratio Lower Upper

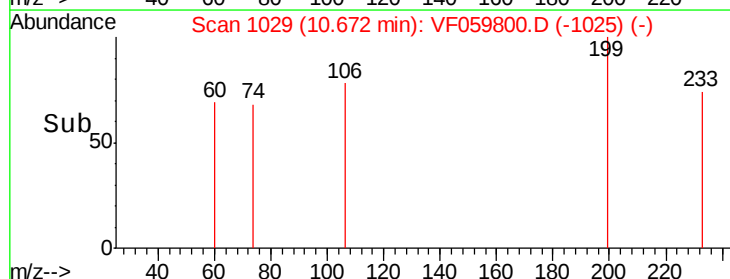
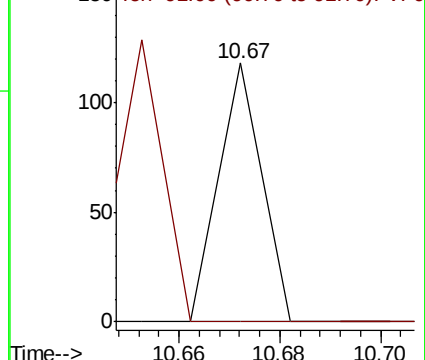
106 100

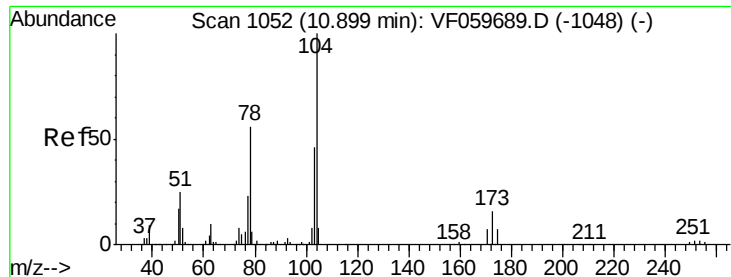
91 0.0 124.6 373.7#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





#70

Stvrene

Concen: 6.71 ug/l

RT: 10.91 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

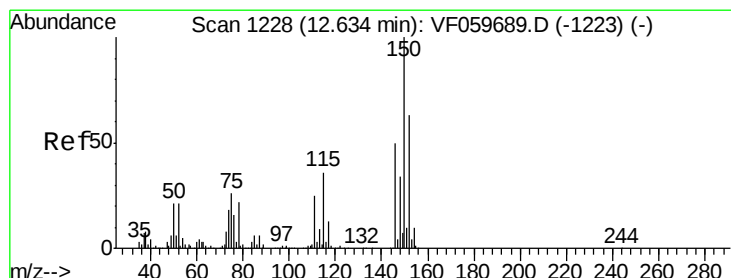
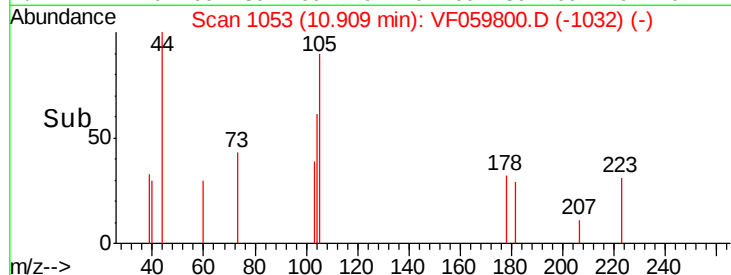
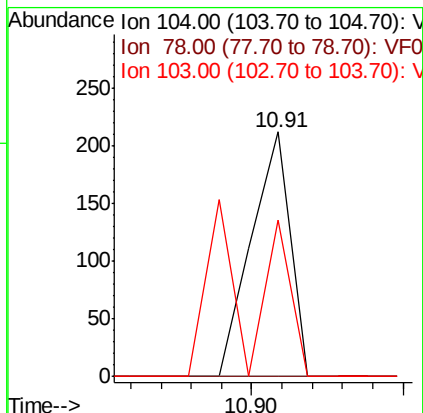
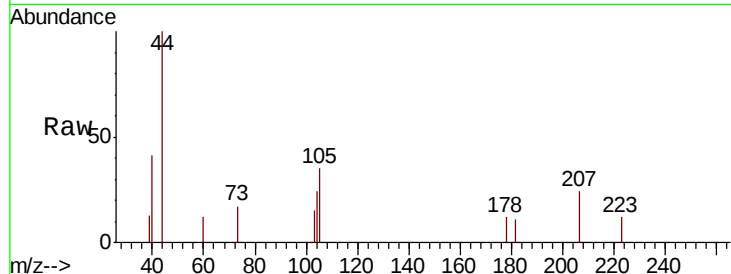
Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion:	104	Resp:	191
Ion	Ratio	Lower	Upper
104	100		
78	0.0	45.3	67.9#
103	64.2	36.6	54.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

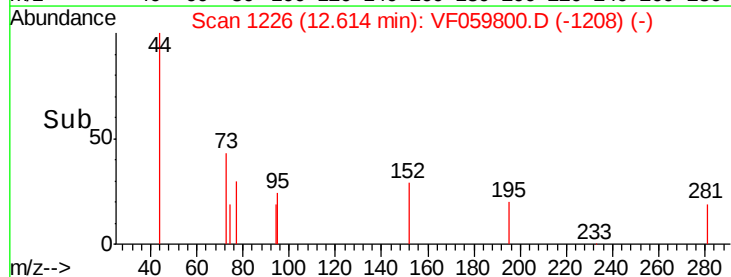
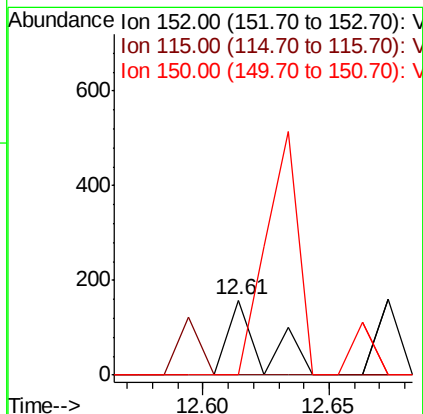
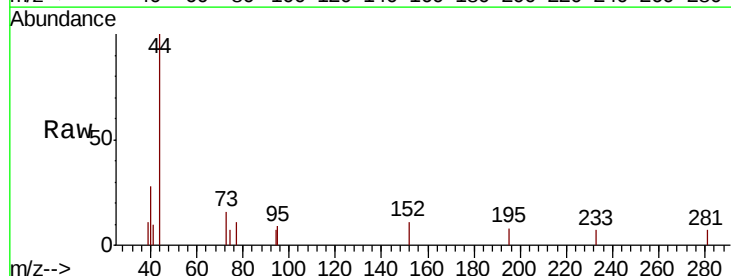
RT: 12.61 min Scan# 1226

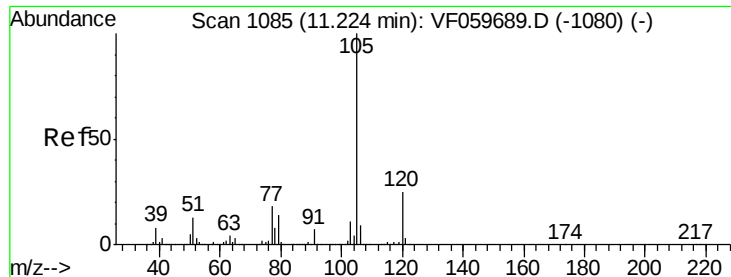
Delta R.T. -0.02 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Tgt Ion:	152	Resp:	154
Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.2	84.6#
150	0.0	0.0	316.2





#73

Isopropylbenzene

Concen: 6.33 ug/l

RT: 11.32 min Scan# 1095

Delta R.T. 0.10 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

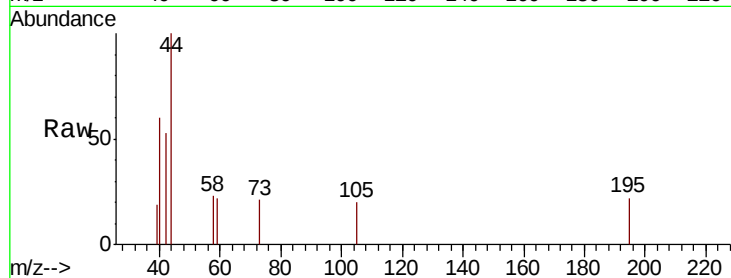
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion:105 Resp: 64

Ion Ratio Lower Upper

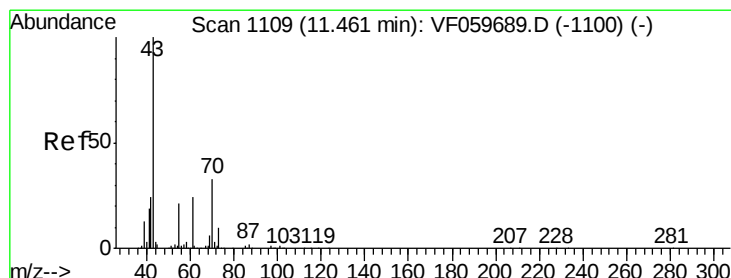
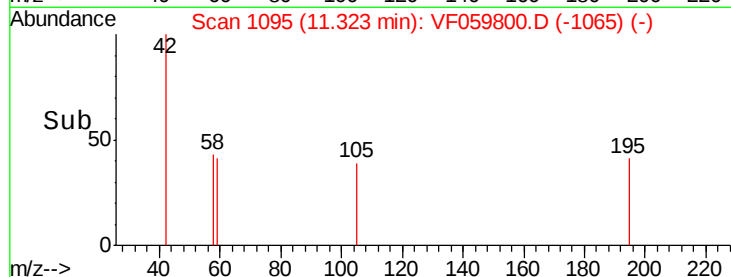
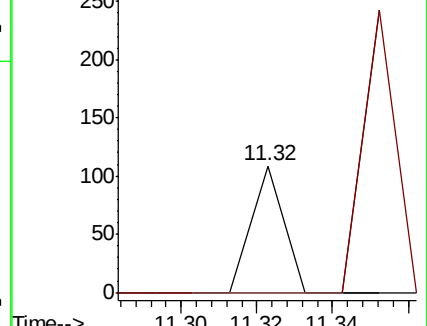
105 100

120 0.0 12.4 37.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 95.71 ug/l

RT: 11.44 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Tgt Ion: 43 Resp: 244

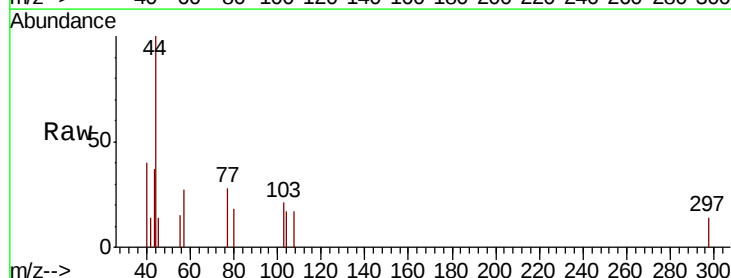
Ion Ratio Lower Upper

43 100

70 0.0 26.3 39.5#

55 39.9 16.6 25.0#

61 0.0 19.1 28.7#

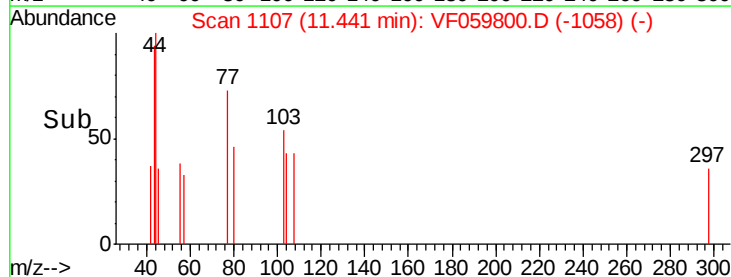
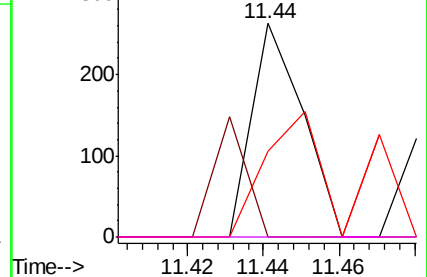


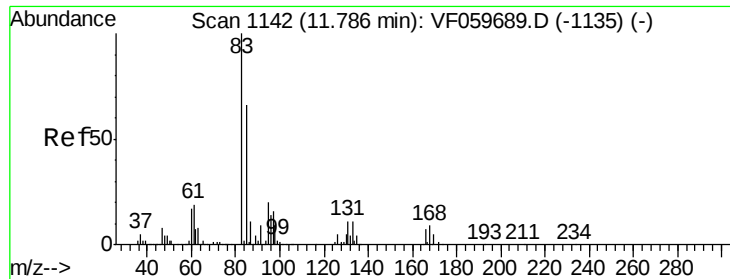
Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 38.38 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.02 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-5RE

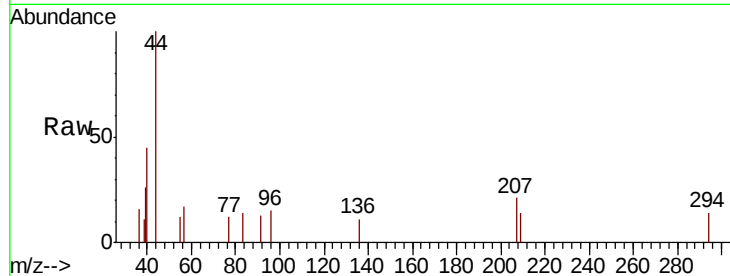
Tot Ion: 83 Resp: 73

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.3#

85 0.0 32.8 98.3#



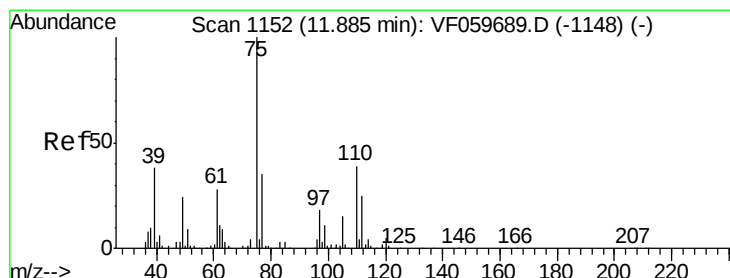
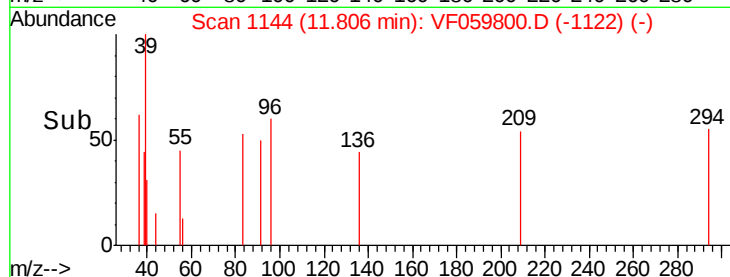
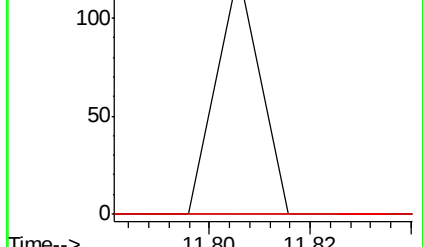
Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0

11.81

11.80 11.82



#76

1,2,3-Trichloropropane

Concen: 123.65 ug/l

RT: 11.87 min Scan# 1151

Delta R.T. -0.01 min

Lab File: VF059800.D

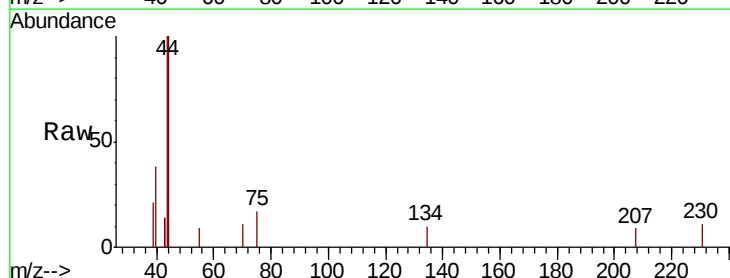
Acq: 2 Aug 2018 15:02

Tgt Ion: 75 Resp: 200

Ion Ratio Lower Upper

75 100

77 0.0 18.0 54.0#

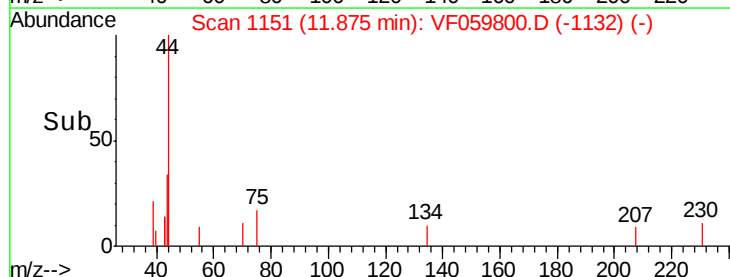
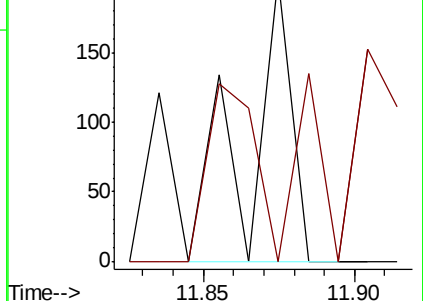


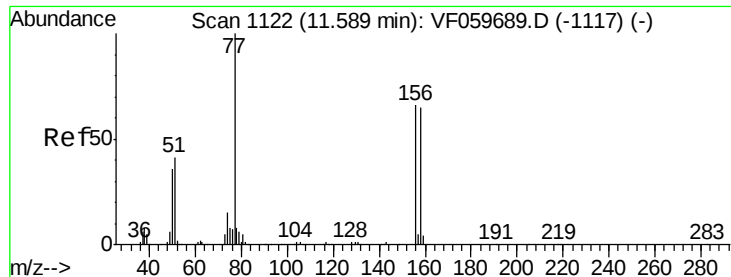
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

11.87

11.85 11.90





#77

Bromobenzene

Concen: 24.26 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-5RE

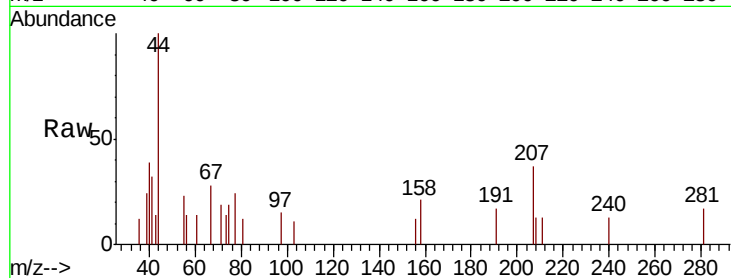
Tot Ion:156 Resp: 64

Ion Ratio Lower Upper

156 100

77 189.0 75.2 225.6

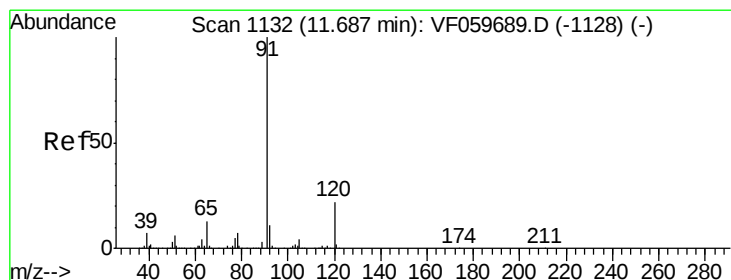
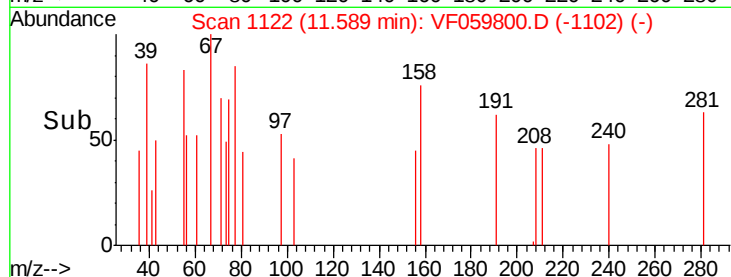
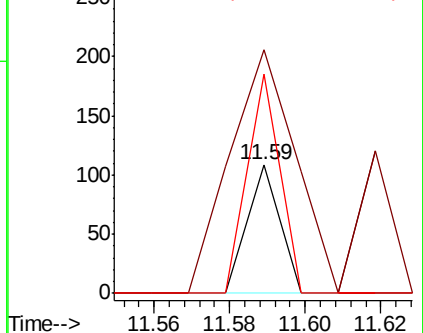
158 169.7 49.1 147.3#



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



#78

n-propylbenzene

Concen: 4.09 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF059800.D

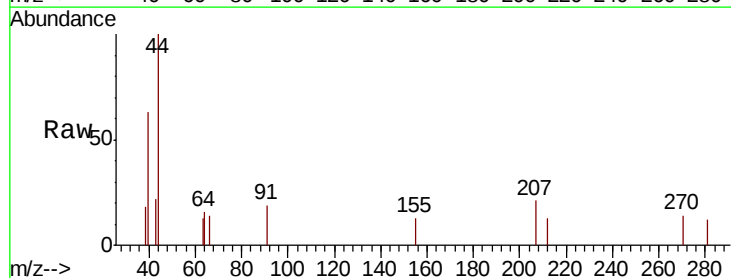
Acq: 2 Aug 2018 15:02

Tgt Ion: 91 Resp: 90

Ion Ratio Lower Upper

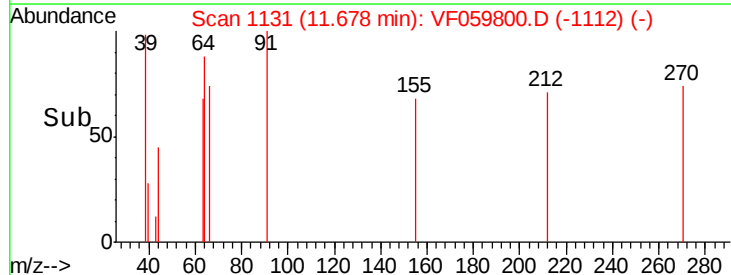
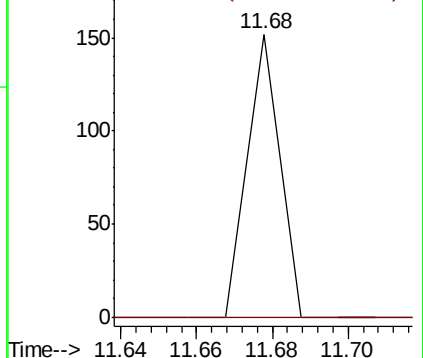
91 100

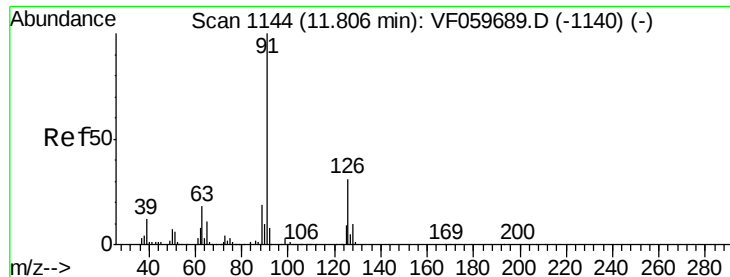
120 0.0 11.0 33.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.73 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.02 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

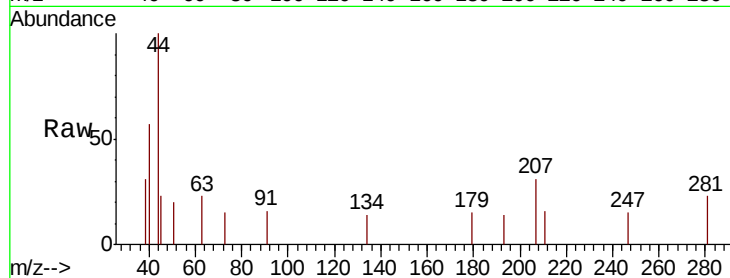
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion: 91 Resp: 140

Ion Ratio Lower Upper

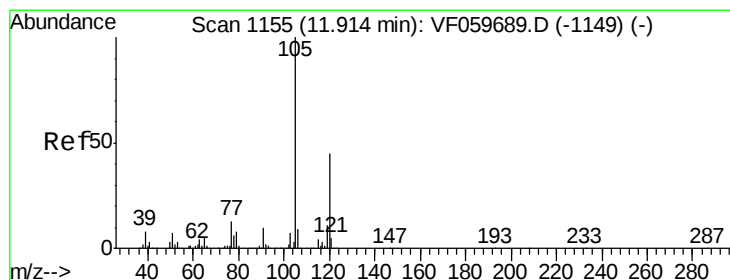
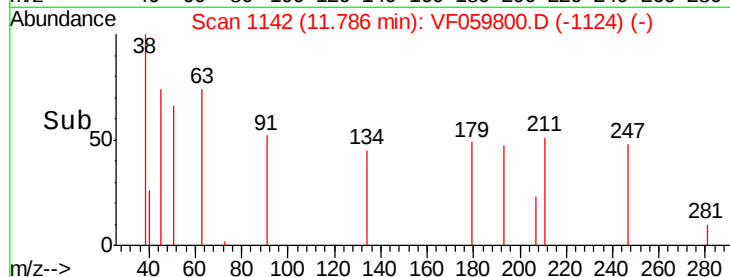
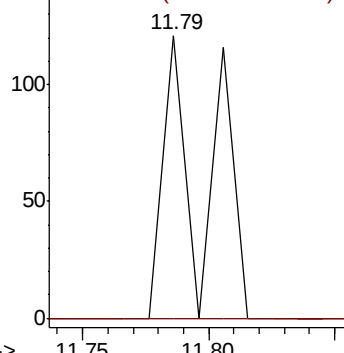
91 100

126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 3.96 ug/l

RT: 11.86 min Scan# 1150

Delta R.T. -0.05 min

Lab File: VF059800.D

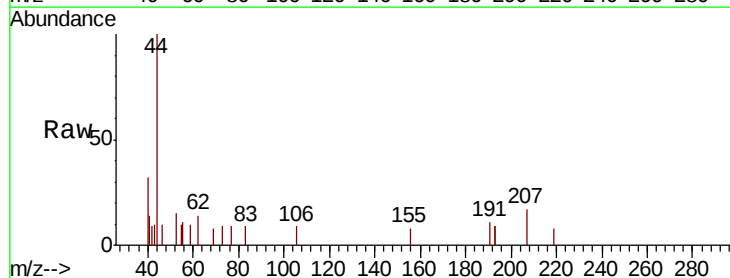
Acq: 2 Aug 2018 15:02

Tgt Ion:105 Resp: 67

Ion Ratio Lower Upper

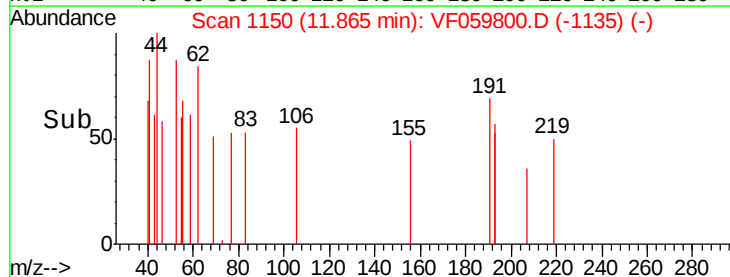
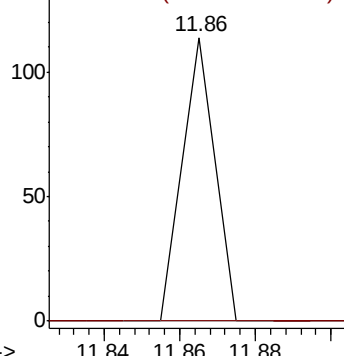
105 100

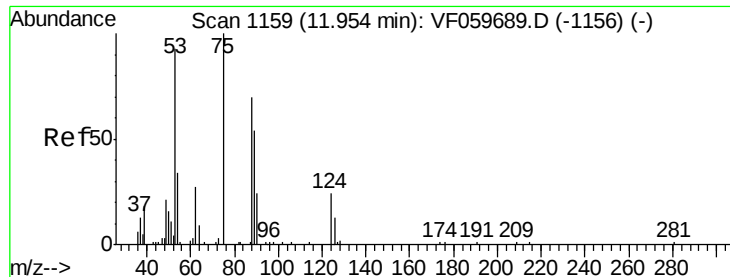
120 0.0 22.7 68.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 98.53 ug/l

RT: 11.93 min Scan# 1157

Delta R.T. -0.02 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-5RE

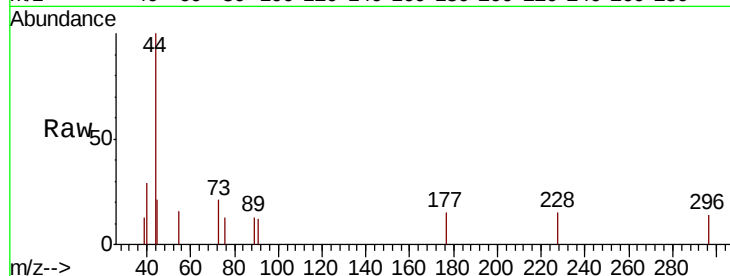
Tot Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

53 0.0 78.3 117.5#

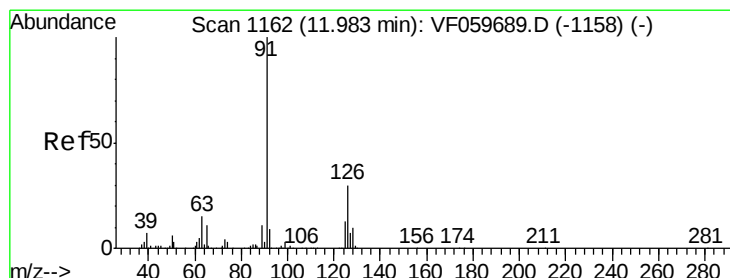
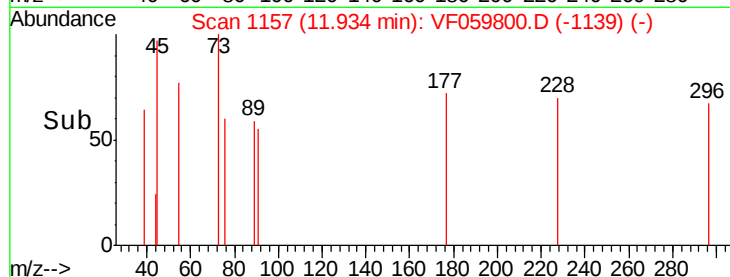
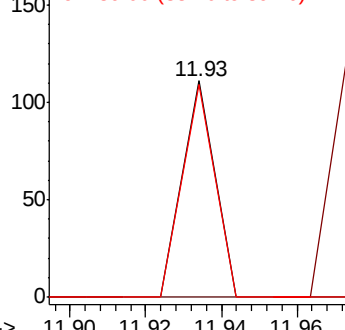
89 98.2 45.4 68.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 19.53 ug/l

RT: 11.98 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VF059800.D

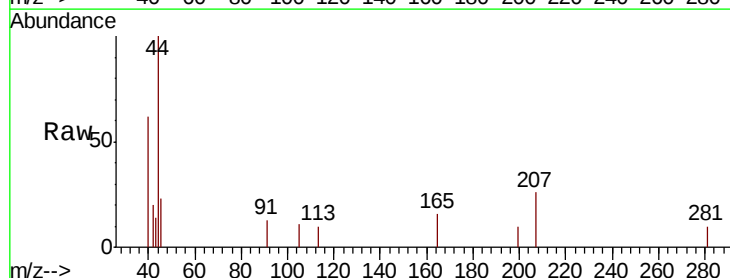
Acq: 2 Aug 2018 15:02

Tgt Ion: 91 Resp: 153

Ion Ratio Lower Upper

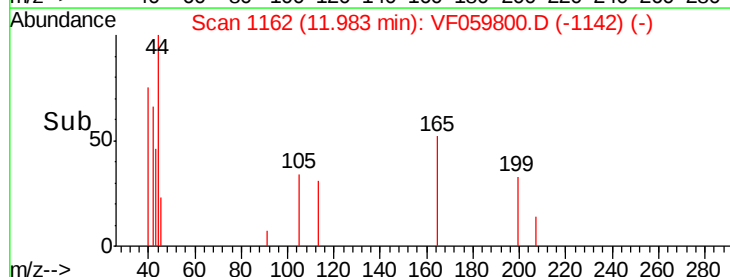
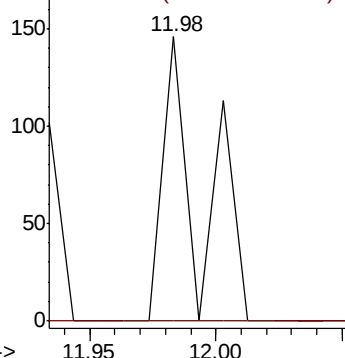
91 100

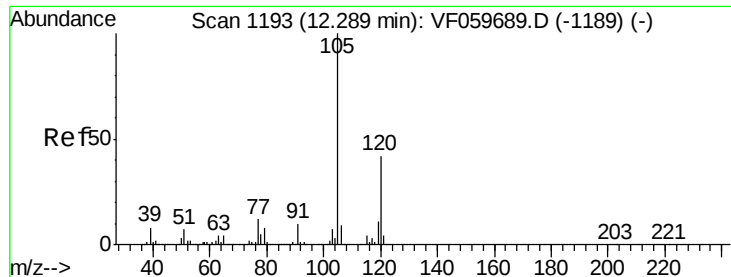
126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

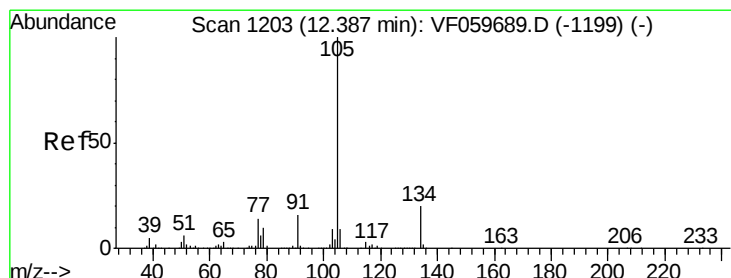
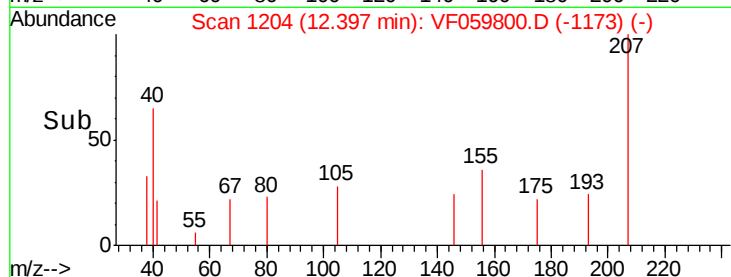
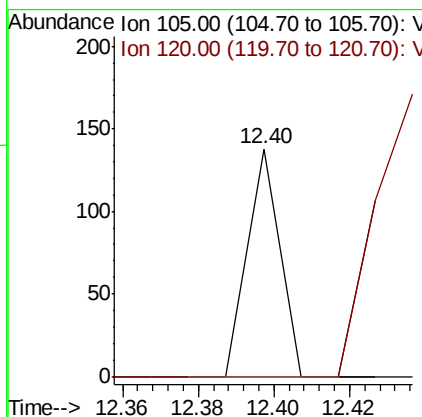
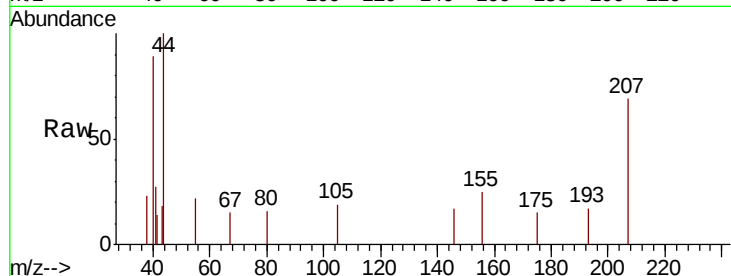




#84
 1,2,4-Trimethylbenzene
 Concen: 6.11 ug/l
 RT: 12.40 min Scan# 1204
 Delta R.T. 0.11 min
 Lab File: VF059800.D
 Acq: 2 Aug 2018 15:02

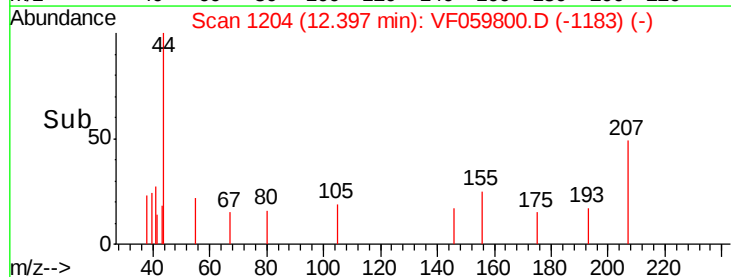
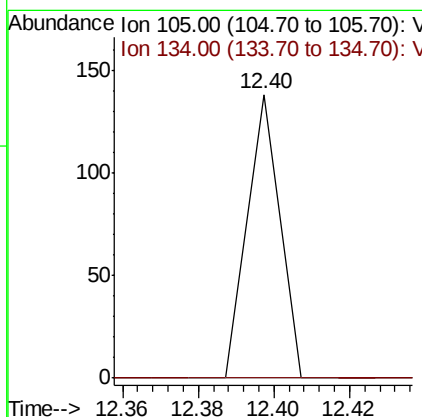
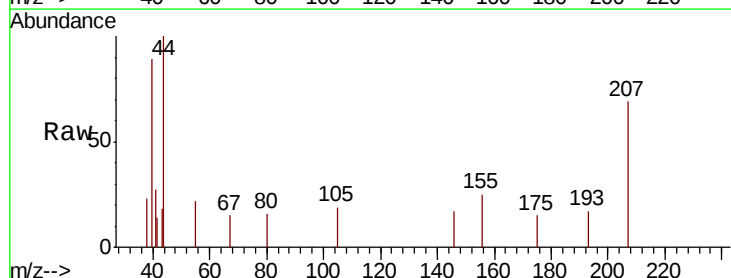
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-5RE

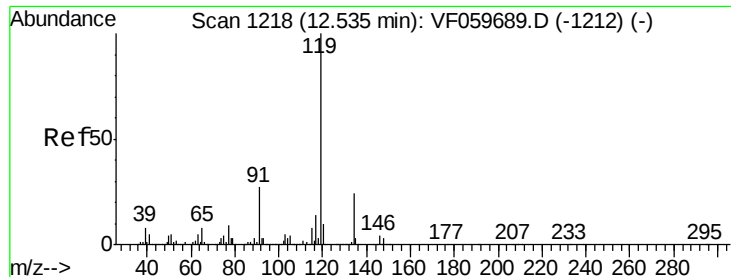
Tot Ion:105 Resp: 82
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.1 63.3#



#85
 sec-Butylbenzene
 Concen: 2.87 ug/l
 RT: 12.40 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: VF059800.D
 Acq: 2 Aug 2018 15:02

Tgt Ion:105 Resp: 82
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#

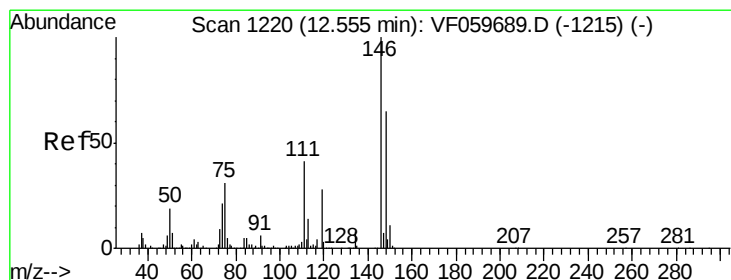
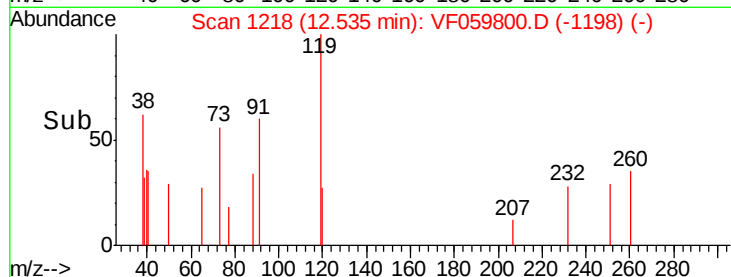
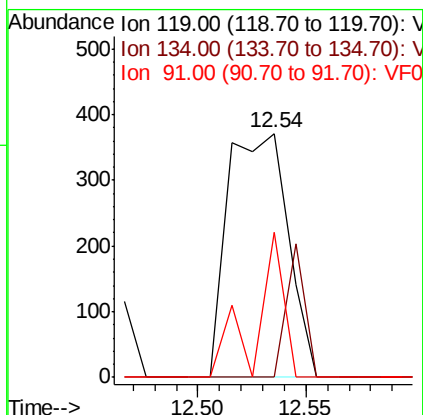
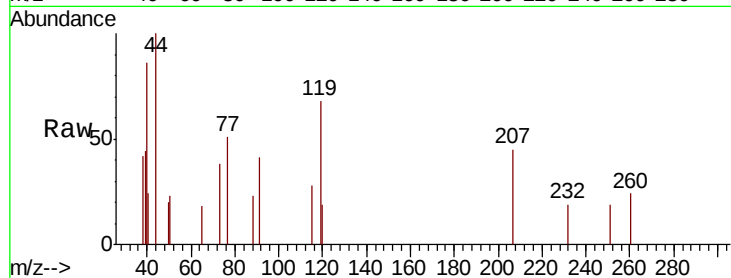




#86
 p-Isopropyltoluene
 Concen: 83.42 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VF059800.D
 Acq: 2 Aug 2018 15:02

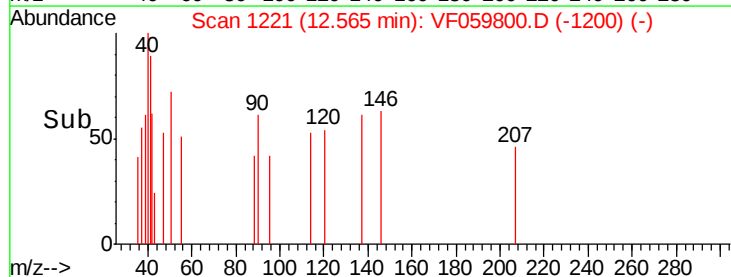
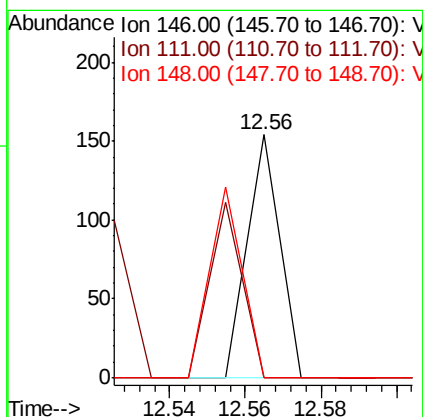
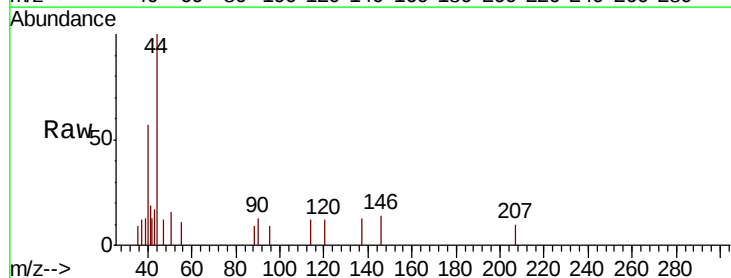
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-5RE

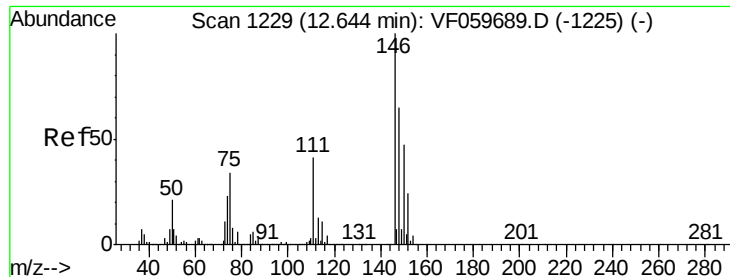
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.2	36.6#
91	59.6	13.4	40.2#



#87
 1,3-Dichlorobenzene
 Concen: 17.34 ug/l
 RT: 12.56 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: VF059800.D
 Acq: 2 Aug 2018 15:02

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

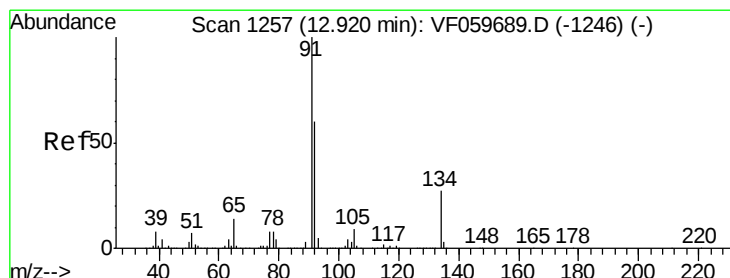
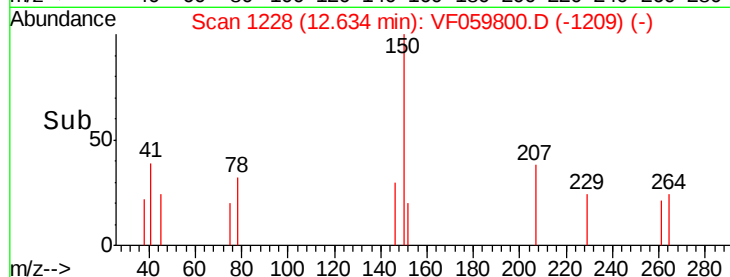
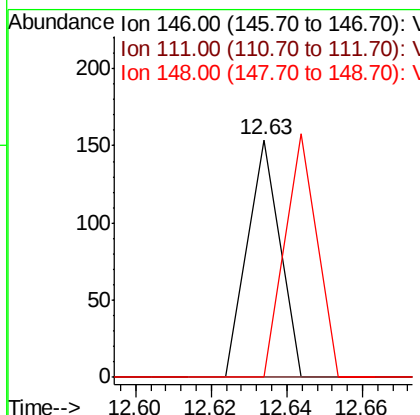
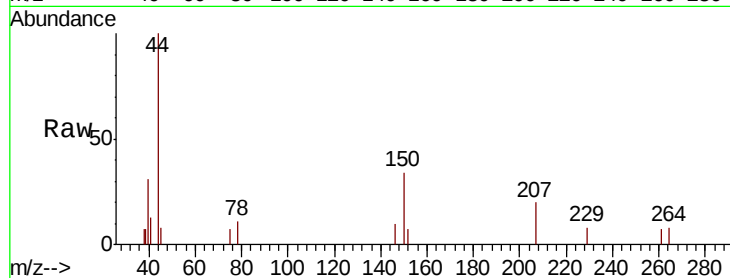




#88
 1,4-Dichlorobenzene
 Concen: 18.27 ug/l
 RT: 12.63 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VF059800.D
 Acq: 2 Aug 2018 15:02

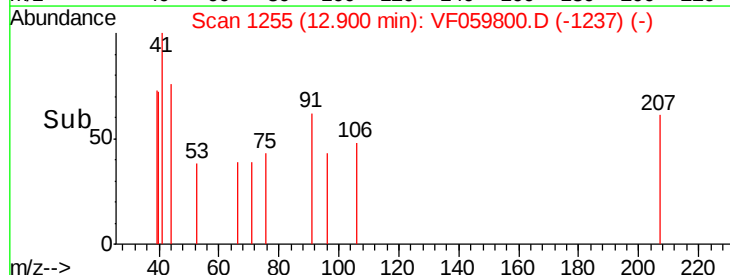
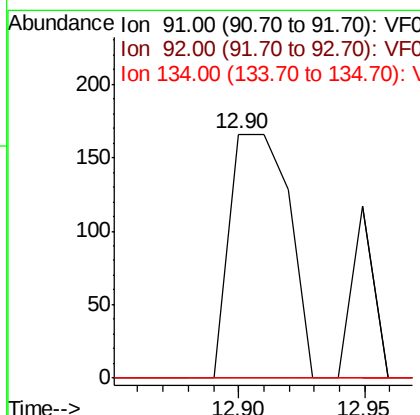
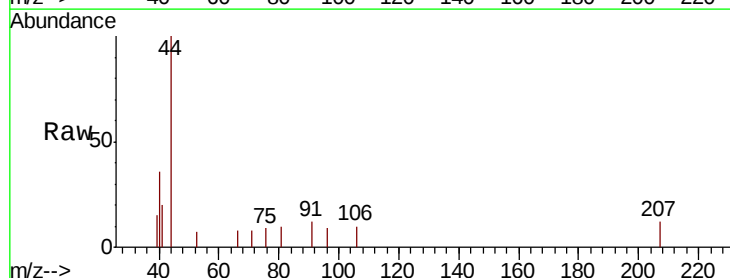
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-5RE

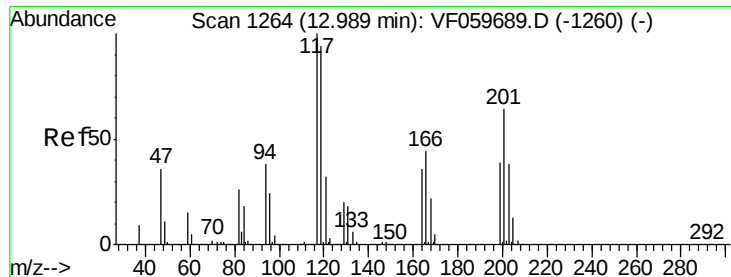
Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.8	62.2#
148	0.0	32.3	96.9#



#89
 n-Butylbenzene
 Concen: 29.49 ug/l
 RT: 12.90 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: VF059800.D
 Acq: 2 Aug 2018 15:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	30.1	90.3#
134	0.0	13.7	41.0#





#90

Hexachloroethane

Concen: 24.33 ug/l

RT: 13.06 min Scan# 1271

Delta R.T. 0.07 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

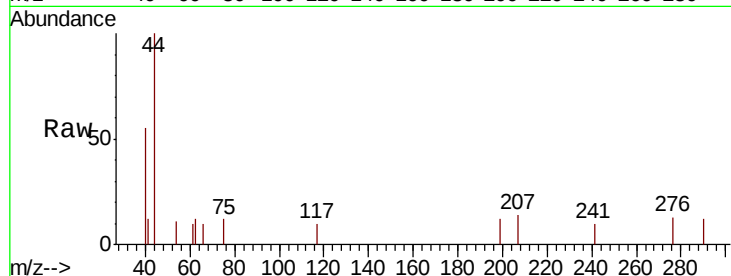
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion:117 Resp: 62

Ion Ratio Lower Upper

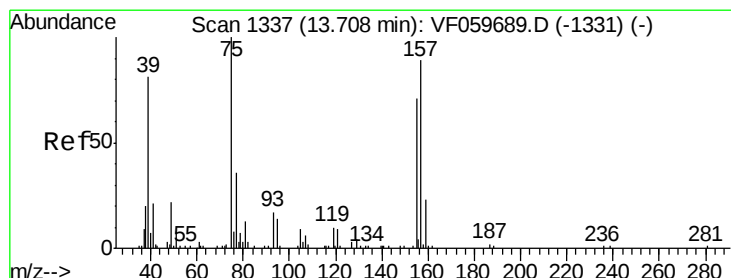
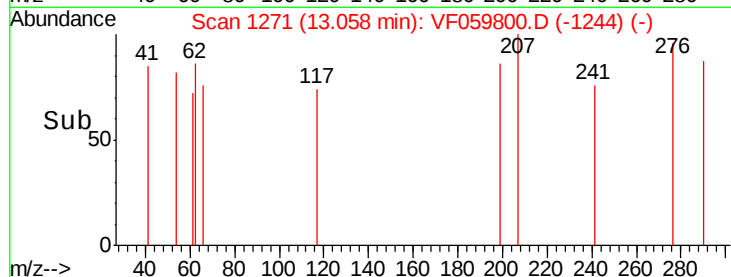
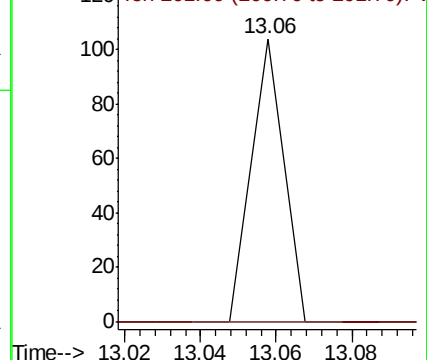
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 148.39 ug/l

RT: 13.75 min Scan# 1341

Delta R.T. 0.04 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

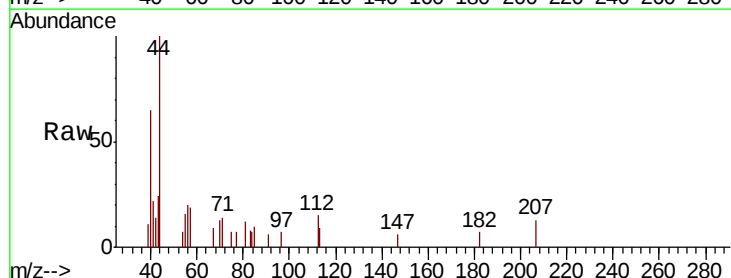
Tgt Ion: 75 Resp: 69

Ion Ratio Lower Upper

75 100

155 0.0 35.4 106.2#

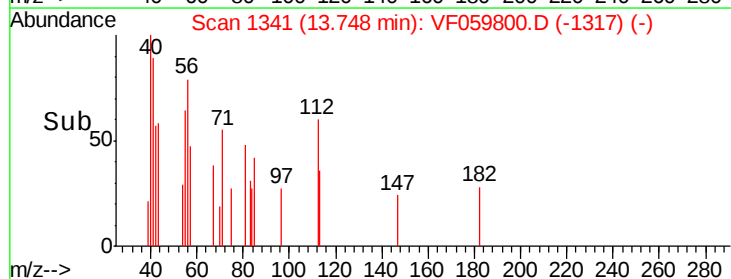
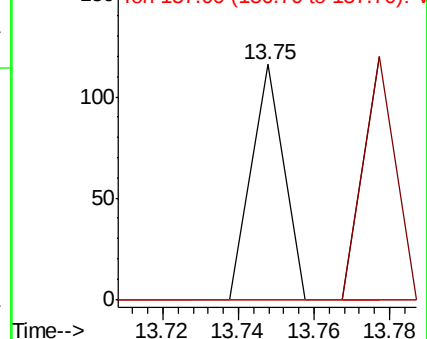
157 0.0 44.4 133.2#

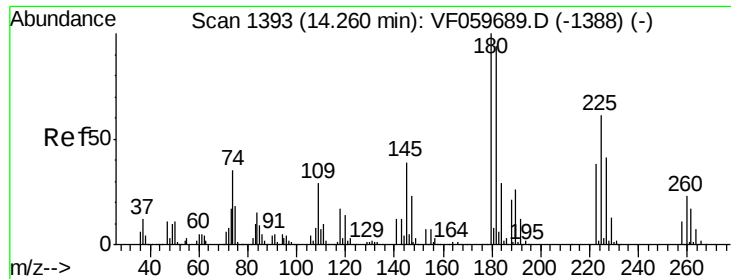


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#93

1,2,4-Trichlorobenzene

Concen: 30.64 ug/l

RT: 14.22 min Scan# 1389

Delta R.T. -0.04 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

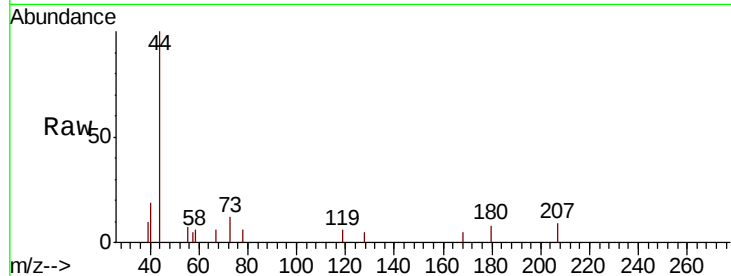
Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-5RE

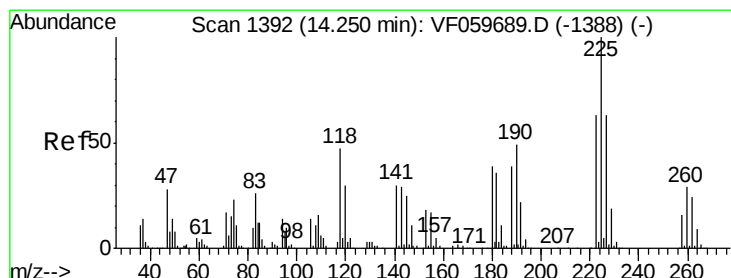
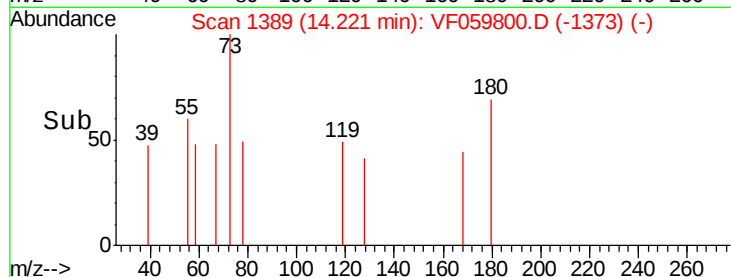
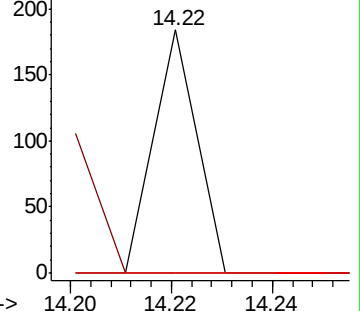
Tot Ion:180	Resp:	109
Ion Ratio	Lower	Upper
180	100	
182	0.0	47.2 141.6#
145	0.0	19.3 57.9#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94

Hexachlorobutadiene

Concen: 28.50 ug/l

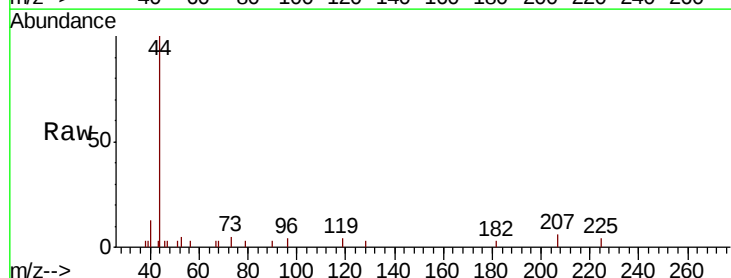
RT: 14.20 min Scan# 1387

Delta R.T. -0.05 min

Lab File: VF059800.D

Acq: 2 Aug 2018 15:02

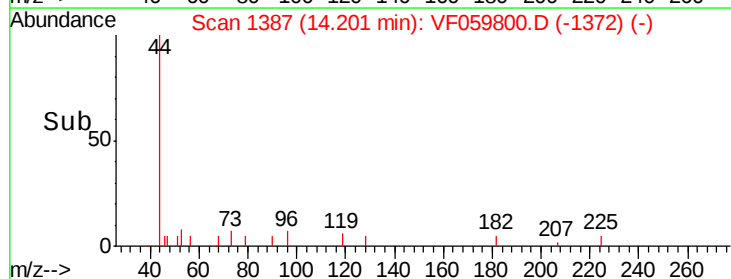
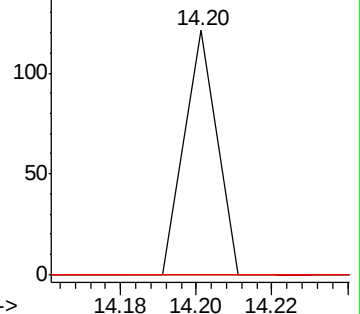
Tgt Ion:225	Resp:	72
Ion Ratio	Lower	Upper
225	100	
223	0.0	31.4 94.2#
227	0.0	31.5 94.5#

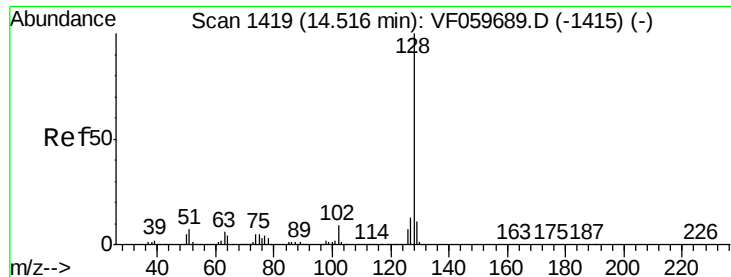


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

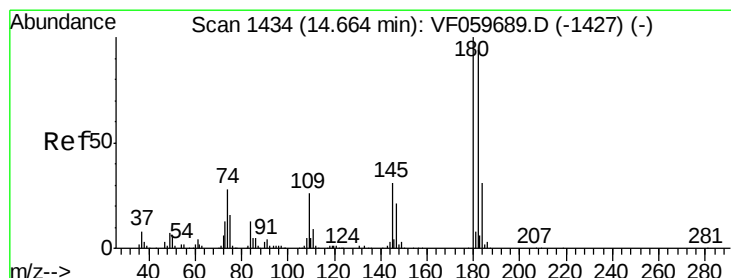
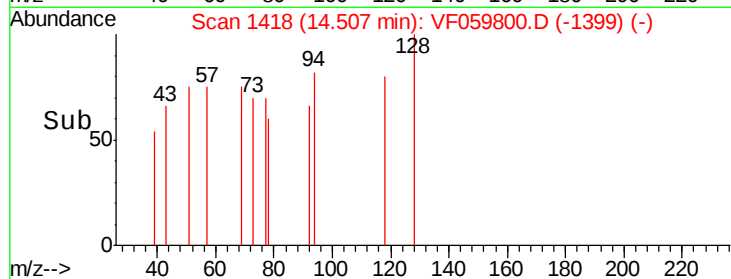
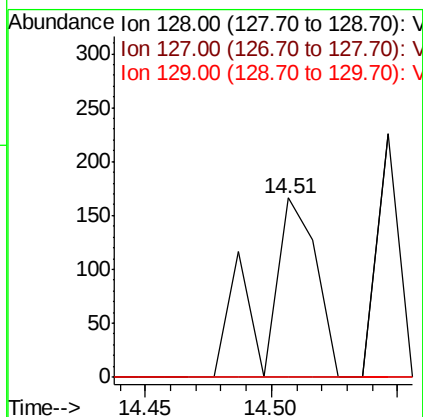
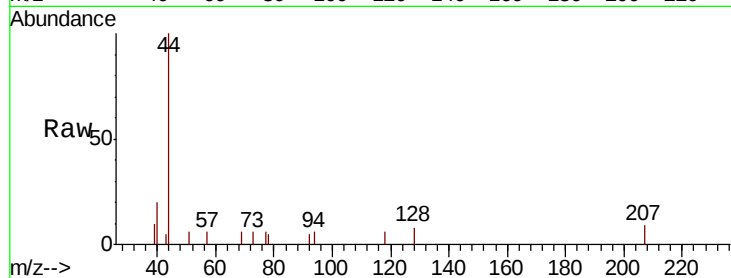




#95
Naphthalene
Concen: 36.45 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 18.80 ug/l
RT: 14.64 min Scan# 1432
Delta R.T. -0.02 min
Lab File: VF059800.D
Acq: 2 Aug 2018 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.2	141.6#
145	0.0	15.6	46.7#

