

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
 Data File : VF059757.D
 Acq On : 1 Aug 2018 16:06
 Operator : VA/AP
 Sample : J4231-01
 Misc : 5.04g/5mL/MSVOA_F/SOIL
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-1

Quant Time: Aug 02 05:29:19 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	128614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	179300	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	174199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	101960	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	104807	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
35) Dibromofluoromethane	4.29	113	84040	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
50) Toluene-d8	7.71	98	156538	36.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.10%	
62) 4-Bromofluorobenzene	11.51	95	76383	31.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	207	Below Cal	#	44
3) Chloromethane	1.10	50	539	Below Cal		99
5) Bromomethane	1.31	94	440	Below Cal		85
6) Chloroethane	1.42	64	87	Below Cal	#	35
10) Methyl Iodide	2.04	142	81	Below Cal	#	20
11) Tert butyl alcohol	2.68	59	93	Below Cal	#	74
13) Acrolein	2.05	56	431	24.326	ug/l	84
16) Acetone	2.33	43	5481	13.183	ug/l #	80
17) Carbon Disulfide	1.87	76	164	Below Cal	#	3
18) Methyl Acetate	2.48	43	2893	Below Cal	#	64
20) Methylene Chloride	2.28	84	2970	Below Cal	#	65
21) trans-1,2-Dichloroethene	2.41	96	151	Below Cal	#	1
25) 2-Butanone	4.53	43	1056	2.276	ug/l #	55
28) Bromochloromethane	3.92	49	64	Below Cal	#	15
31) Cyclohexane	3.87	56	79	Below Cal	#	15
36) 1,1-Dichloropropene	4.47	75	85	Below Cal	#	46
37) Ethyl Acetate	4.31	43	79	Below Cal	#	19
39) Methylcyclohexane	5.65	83	200	Below Cal	#	13
41) Methacrylonitrile	4.89	41	109	Below Cal	#	39
44) Trichloroethene	5.70	130	62	Below Cal		2
49) 1,4-Dioxane	7.07	88	86	Below Cal	#	47
52) Toluene	7.79	92	174	Below Cal		92
68) m/p-Xylenes	10.27	106	520	Below Cal	#	34
78) n-propylbenzene	11.69	91	1256	Below Cal	#	76
79) 2-Chlorotoluene	11.82	91	598	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	11.91	105	813	Below Cal		88
82) 4-Chlorotoluene	11.99	91	466	Below Cal	#	44
84) 1,2,4-Trimethylbenzene	12.29	105	2439	Below Cal		92
85) sec-Butylbenzene	12.39	105	674	Below Cal	#	57
86) p-Isopropyltoluene	12.54	119	535	Below Cal	#	53
87) 1,3-Dichlorobenzene	12.56	146	232	Below Cal	#	26
88) 1,4-Dichlorobenzene	12.65	146	397	Below Cal	#	75
89) n-Butylbenzene	12.92	91	1324	Below Cal	#	66
91) 1,2-Dichlorobenzene	13.02	146	316	Below Cal	#	24

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QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

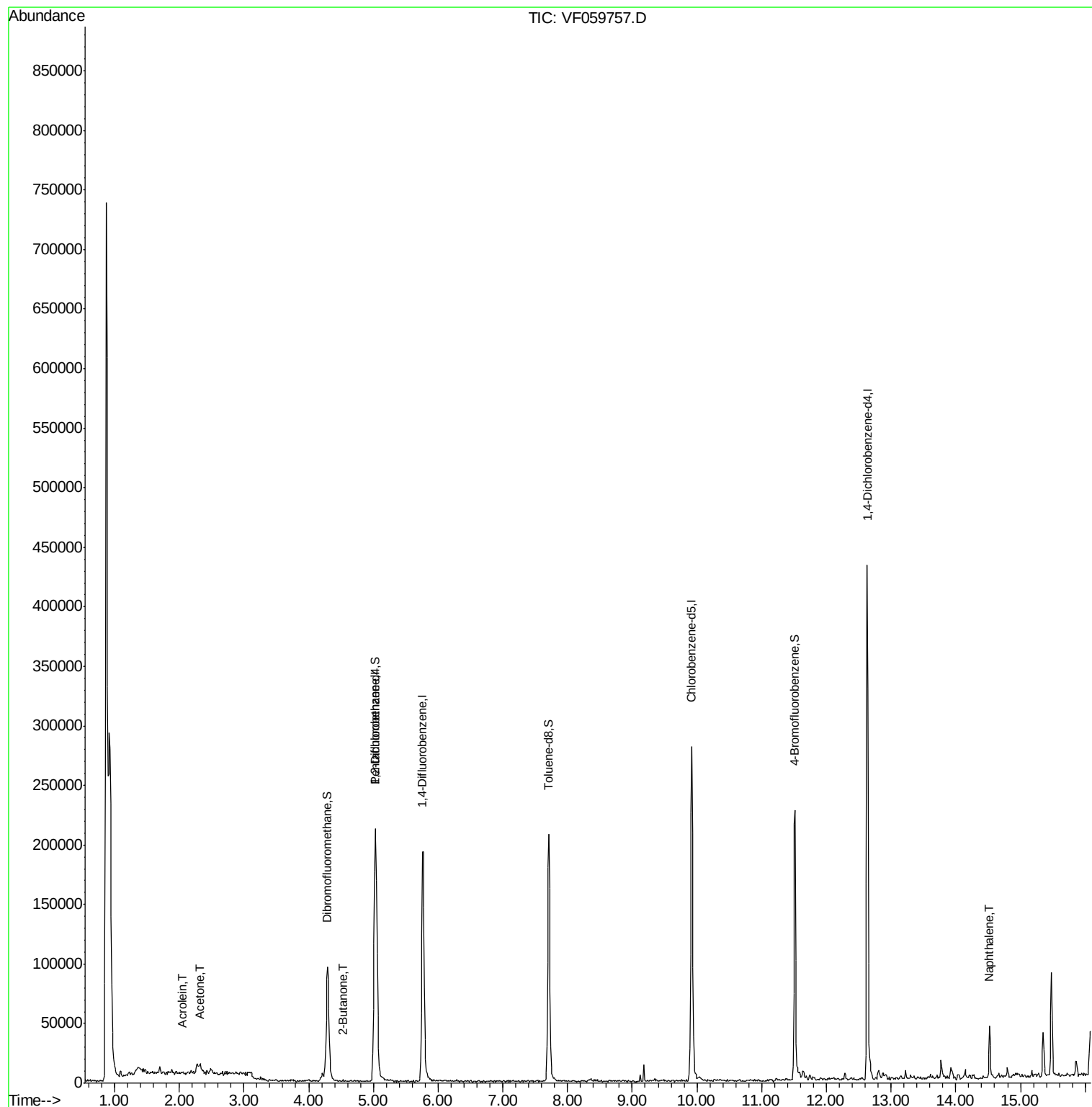
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	390	Below Cal	72
95) Naphthalene	14.52	128	28116	6.396 ug/l	96

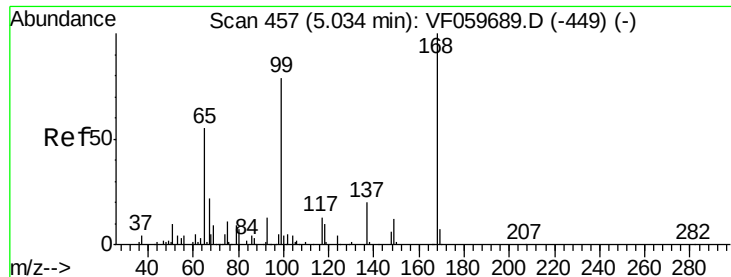
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Instrument :

MSVOA_F

ClientSampleId :

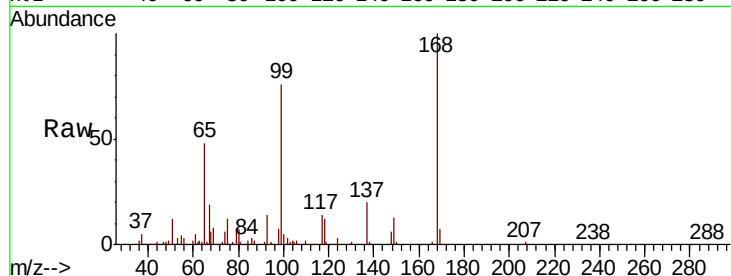
2018-NYSEG-CLARK-AREA-14-1

Tgt Ion:168 Resp: 128614

Ion Ratio Lower Upper

168 100

99 76.1 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

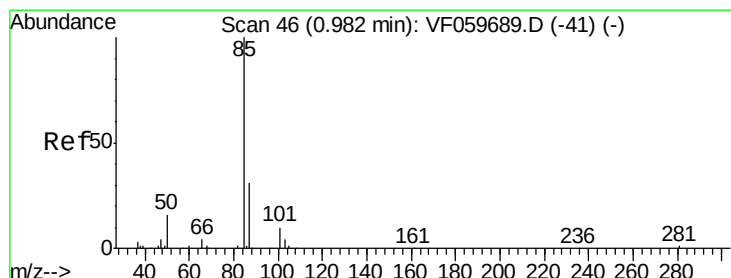
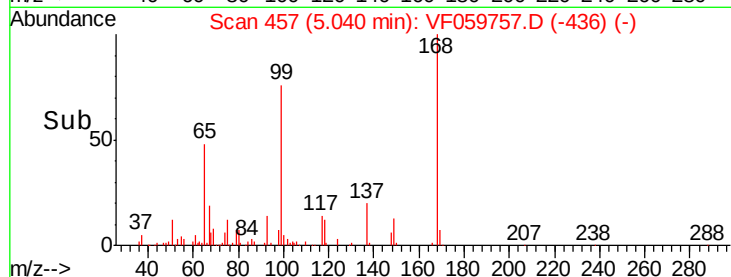
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.99 min Scan# 46

Delta R.T. 0.01 min

Lab File: VF059757.D

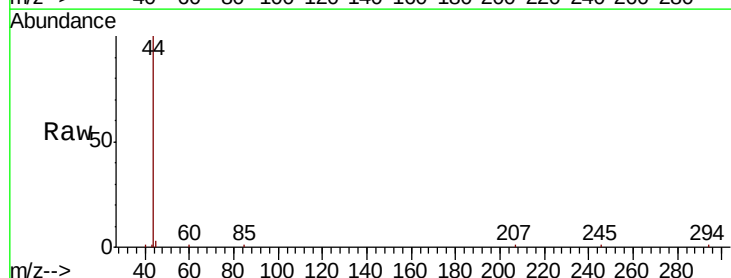
Acq: 1 Aug 2018 16:06

Tgt Ion: 85 Resp: 207

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

200

150

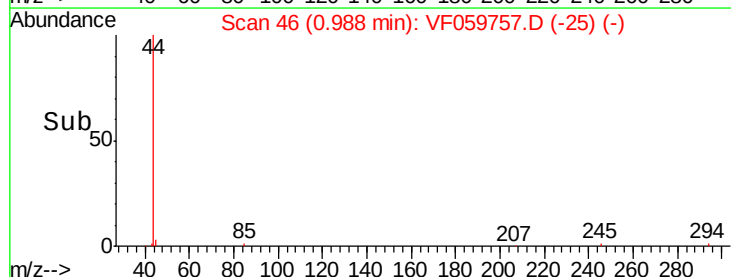
100

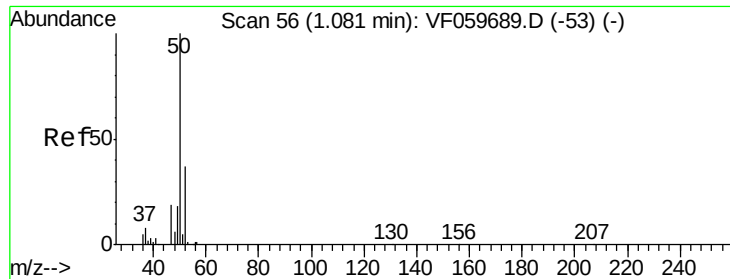
50

0

0.95 1.00

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 1.10 min Scan# 57

Delta R.T. 0.02 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Instrument :

MSVOA_F

ClientSampleId :

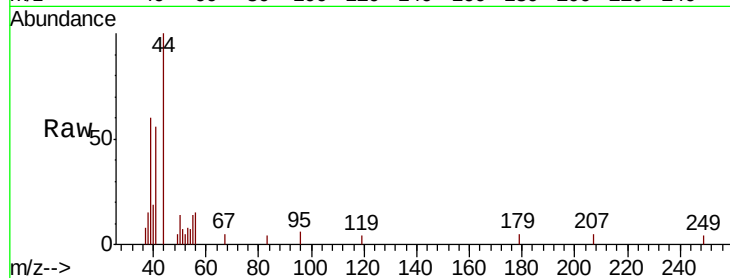
2018-NYSEG-CLARK-AREA-14-1

Tgt Ion: 50 Resp: 539

Ion Ratio Lower Upper

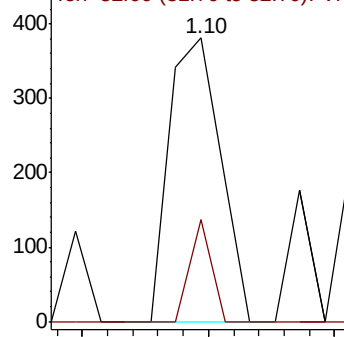
50 100

52 36.0 29.1 43.7

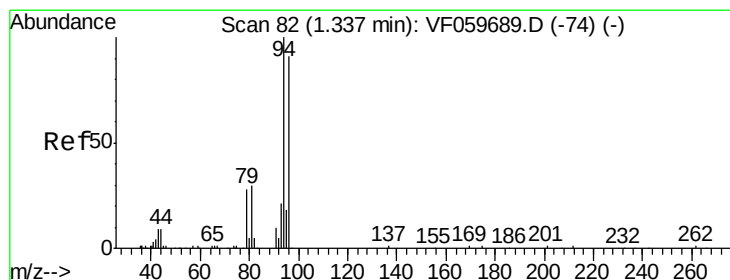
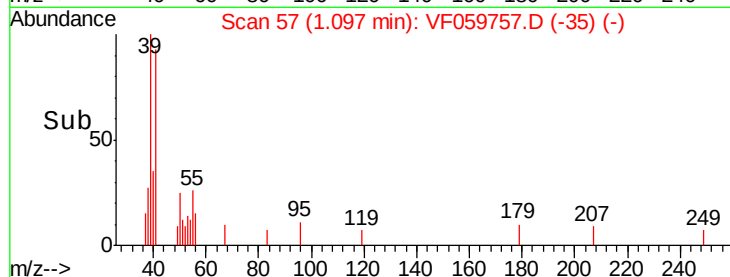


Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.31 min Scan# 79

Delta R.T. -0.02 min

Lab File: VF059757.D

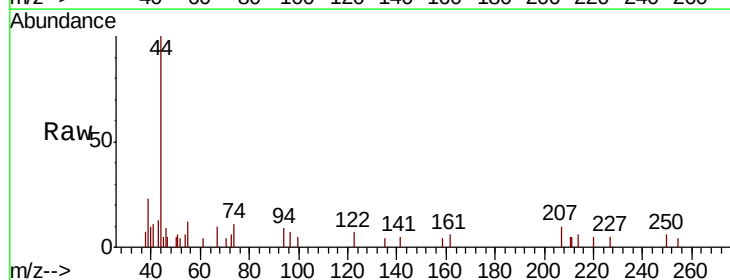
Acq: 1 Aug 2018 16:06

Tgt Ion: 94 Resp: 440

Ion Ratio Lower Upper

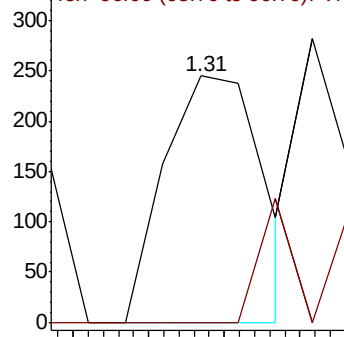
94 100

96 78.0 73.6 110.4

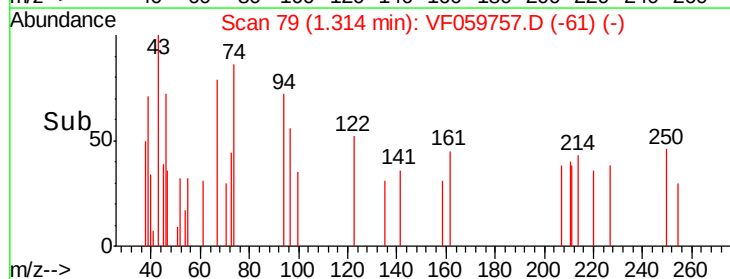


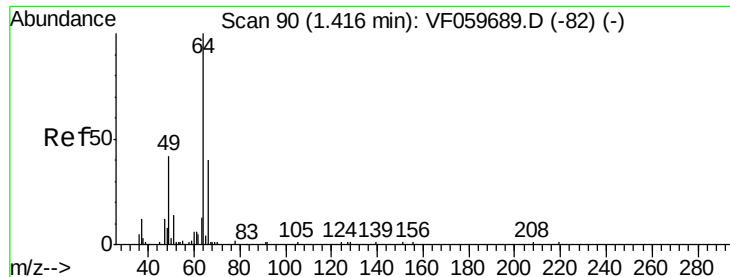
Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.42 min Scan# 90

Delta R.T. 0.01 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Instrument :

MSVOA_F

ClientSampleId :

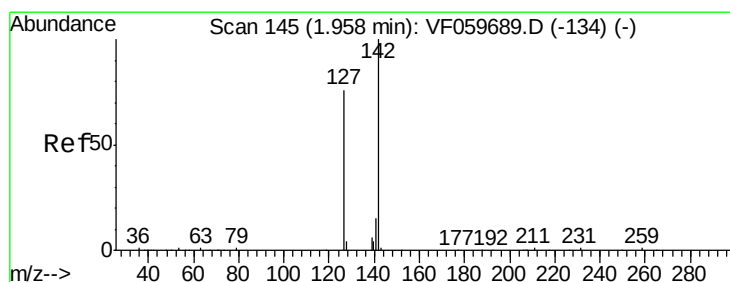
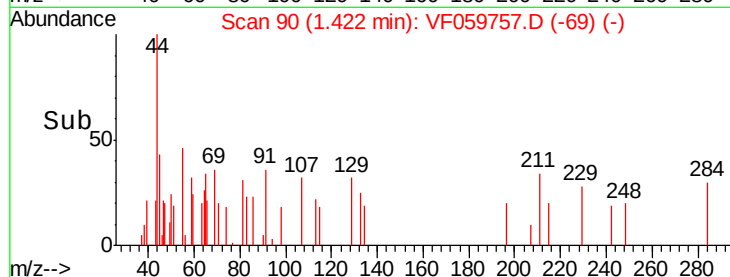
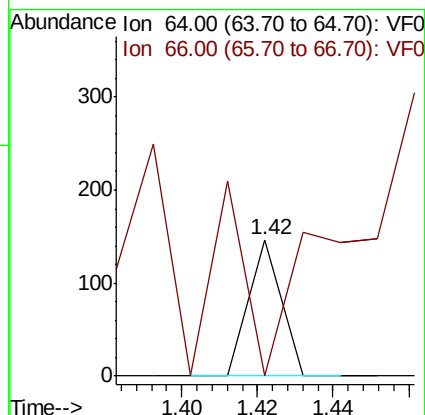
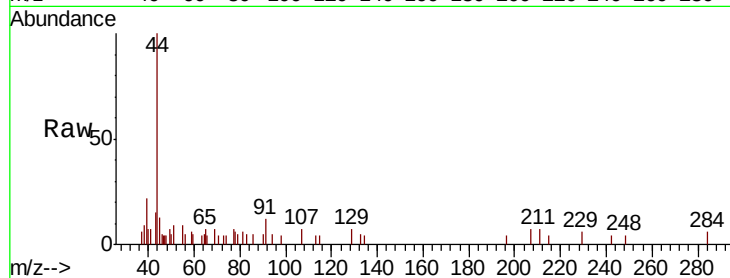
2018-NYSEG-CLARK-AREA-14-1

Tgt Ion: 64 Resp: 87

Ion Ratio Lower Upper

64 100

66 0.0 32.6 49.0#



#10

Methyl Iodide

Concen: Below Cal

RT: 2.04 min Scan# 153

Delta R.T. 0.09 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

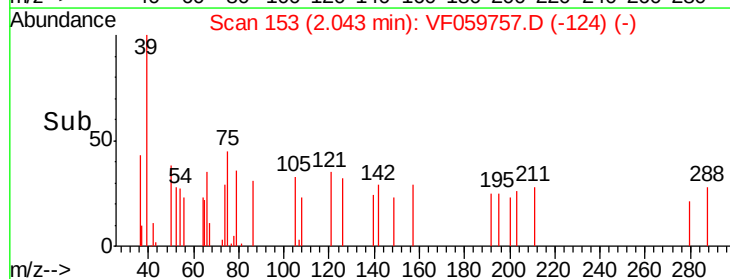
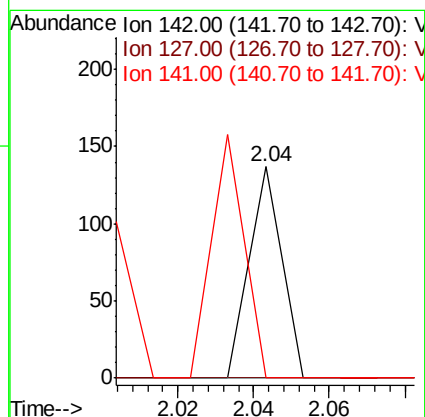
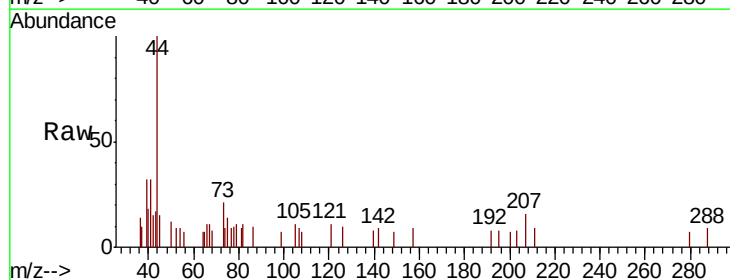
Tgt Ion: 142 Resp: 81

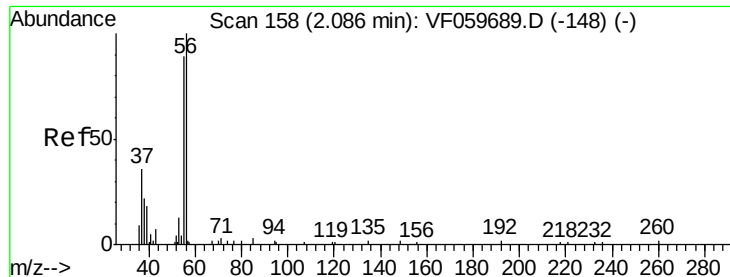
Ion Ratio Lower Upper

142 100

127 0.0 60.6 91.0#

141 0.0 12.0 18.0#





#13

Acrolein

Concen: 24.326 ug/l

RT: 2.05 min Scan# 154

Delta R.T. -0.03 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Instrument :

MSVOA_F

ClientSampleId :

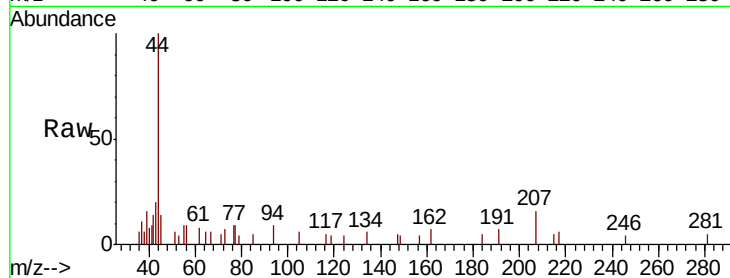
2018-NYSEG-CLARK-AREA-14-1

Tgt Ion: 56 Resp: 431

Ion Ratio Lower Upper

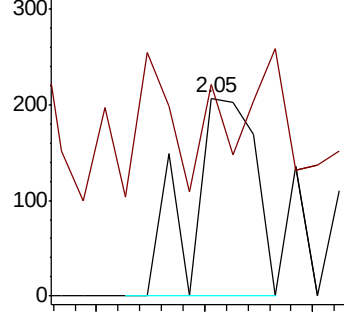
56 100

55 106.8 73.2 109.8

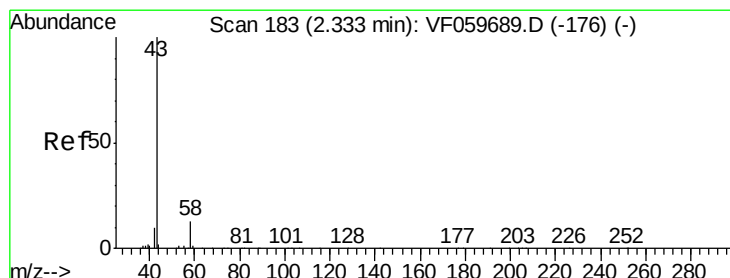
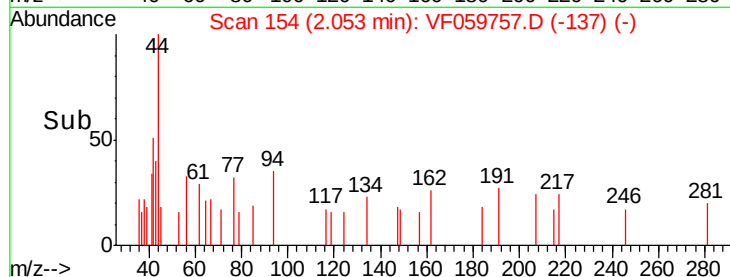


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



Time-->



#16

Acetone

Concen: 13.183 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059757.D

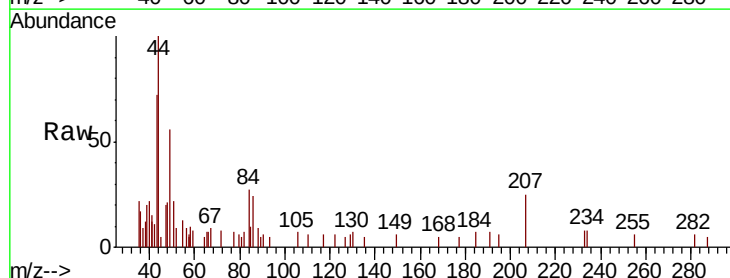
Acq: 1 Aug 2018 16:06

Tgt Ion: 43 Resp: 5481

Ion Ratio Lower Upper

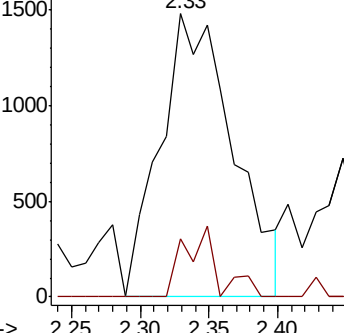
43 100

58 20.4 10.1 15.1#

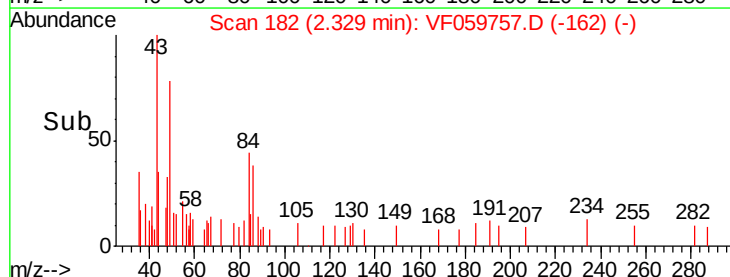


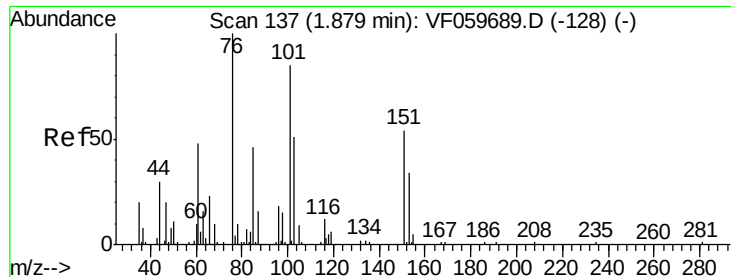
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->

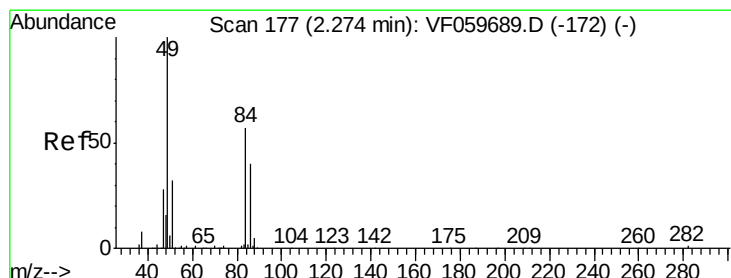
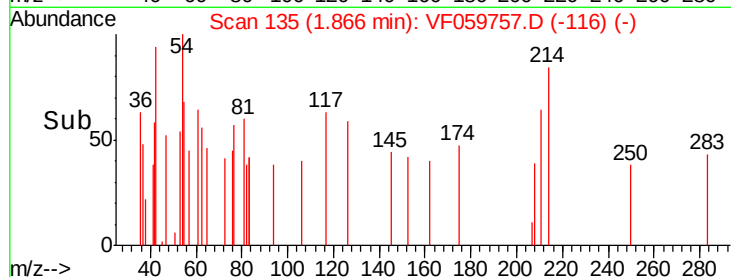
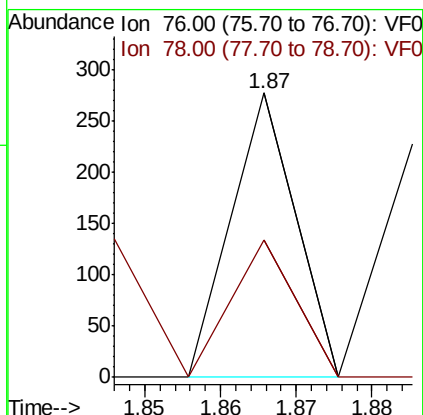
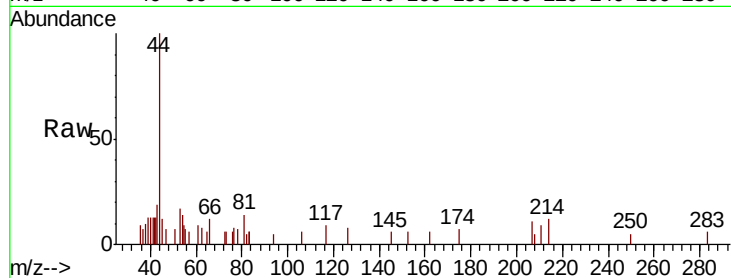




#17
Carbon Disulfide
Concen: Below Cal
RT: 1.87 min Scan# 135
Delta R.T. -0.01 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

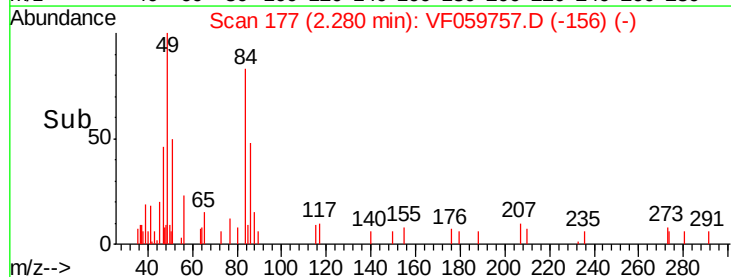
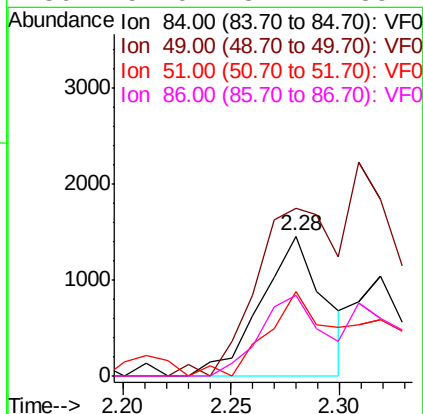
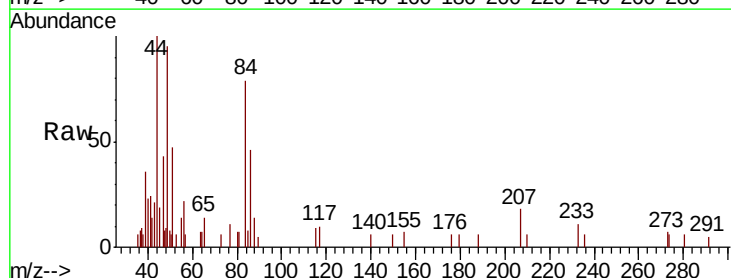
Instrument :
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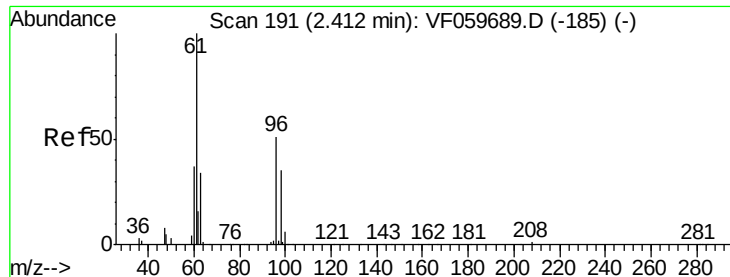
Tgt Ion: 76 Resp: 164
Ion Ratio Lower Upper
76 100
78 48.0 8.9 13.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

Tgt Ion: 84 Resp: 2970
Ion Ratio Lower Upper
84 100
49 108.6 142.2 213.4#
51 54.2 46.2 69.2
86 52.0 57.1 85.7#





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 2.41 min Scan# 190

Delta R.T. -0.00 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-1

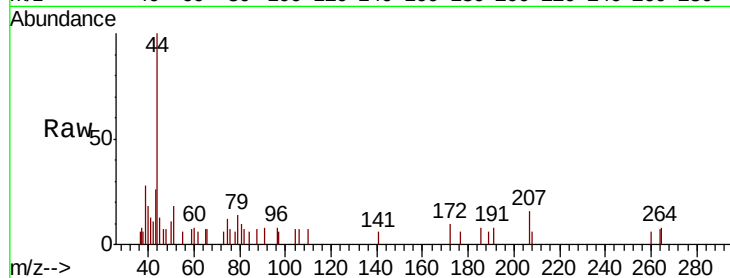
Tgt Ion: 96 Resp: 151

Ion Ratio Lower Upper

96 100

61 0.0 157.4 236.0#

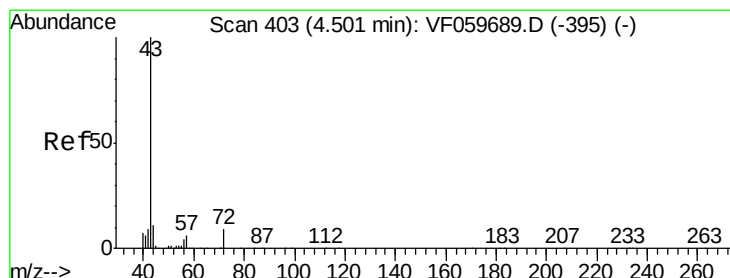
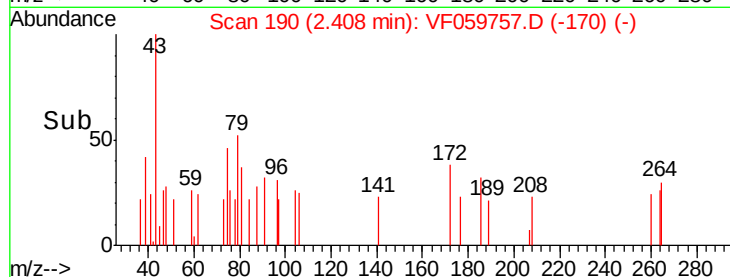
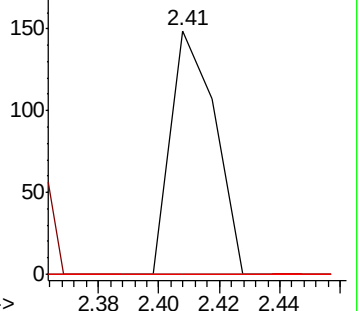
98 0.0 55.0 82.4#



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#25

2-Butanone

Concen: 2.276 ug/l

RT: 4.53 min Scan# 405

Delta R.T. 0.03 min

Lab File: VF059757.D

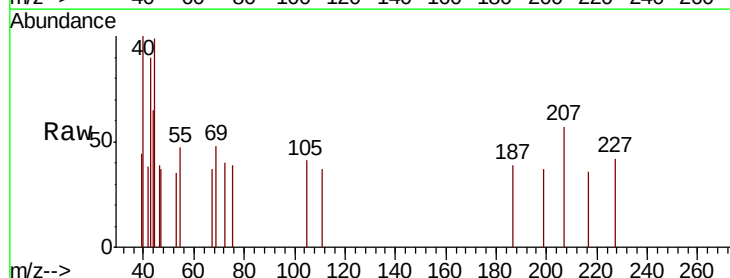
Acq: 1 Aug 2018 16:06

Tgt Ion: 43 Resp: 1056

Ion Ratio Lower Upper

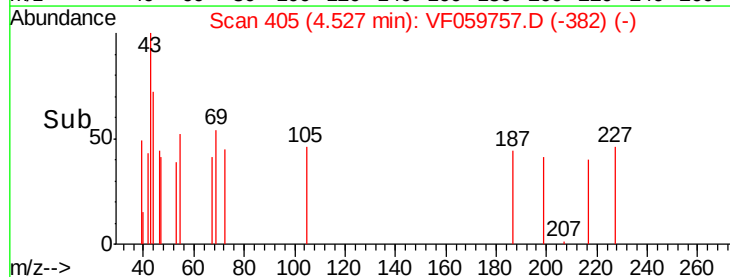
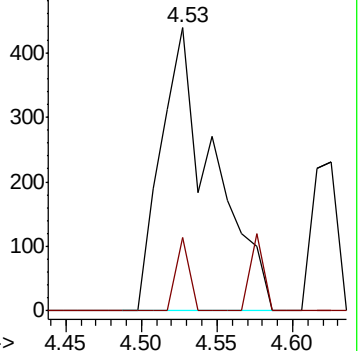
43 100

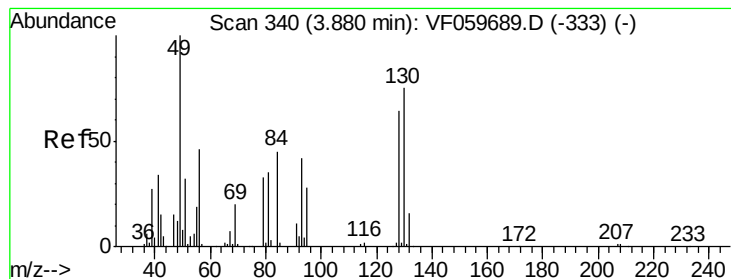
72 26.0 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0





#28

Bromochloromethane

Concen: Below Cal

RT: 3.92 min Scan# 343

Delta R.T. 0.04 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

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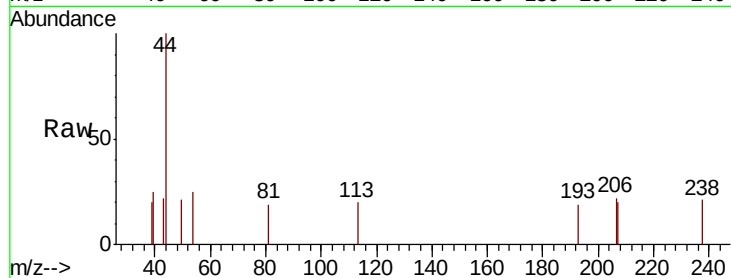
Tgt Ion: 49 Resp: 64

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

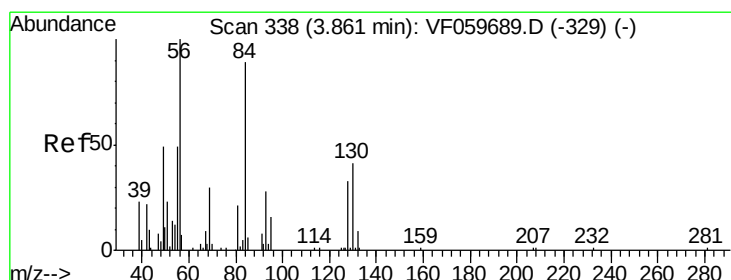
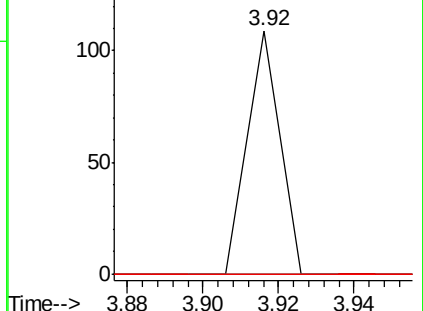
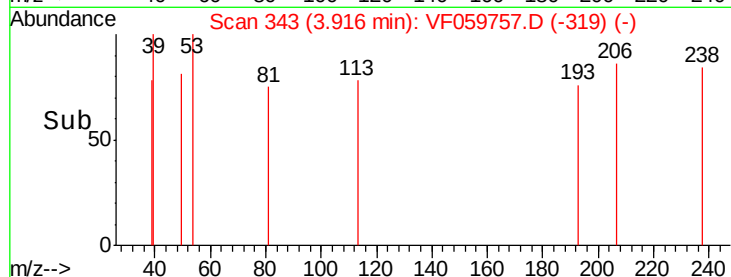
130 0.0 59.6 89.4#



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



#31

Cyclohexane

Concen: Below Cal

RT: 3.87 min Scan# 338

Delta R.T. 0.01 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

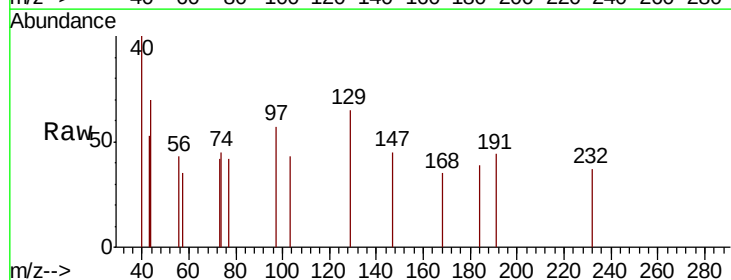
Tgt Ion: 56 Resp: 79

Ion Ratio Lower Upper

56 100

69 0.0 23.7 35.5#

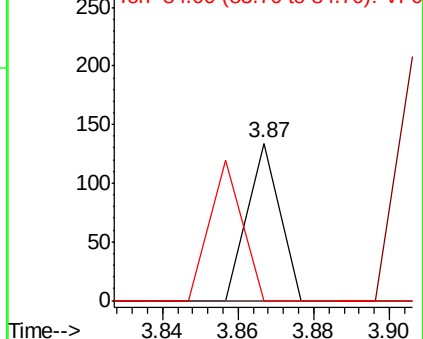
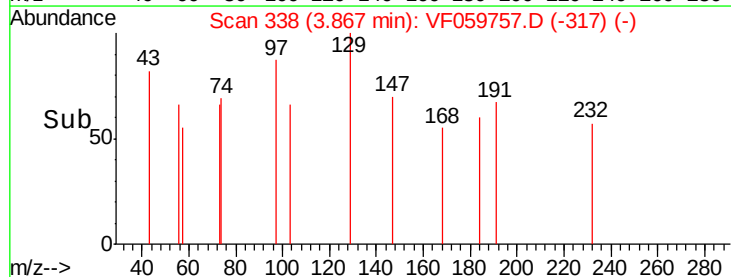
84 0.0 71.1 106.7#

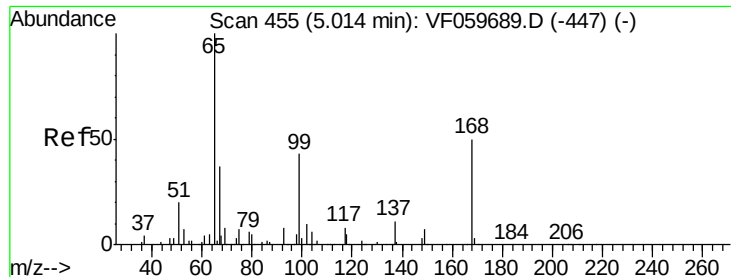


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0

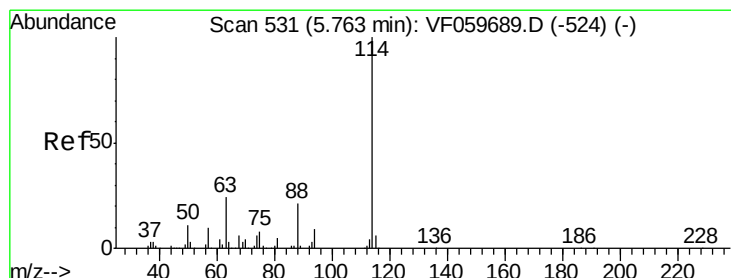
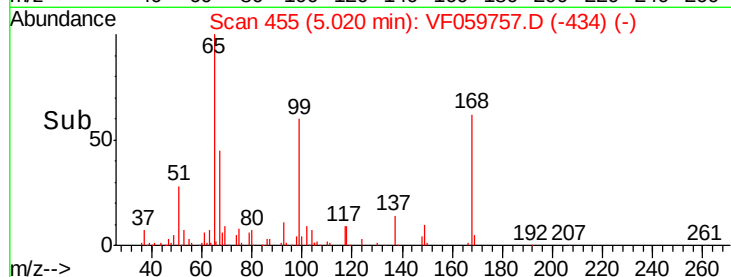
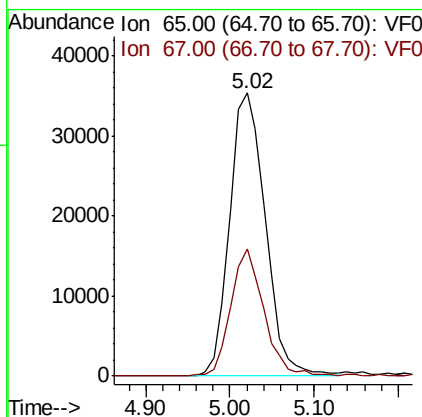
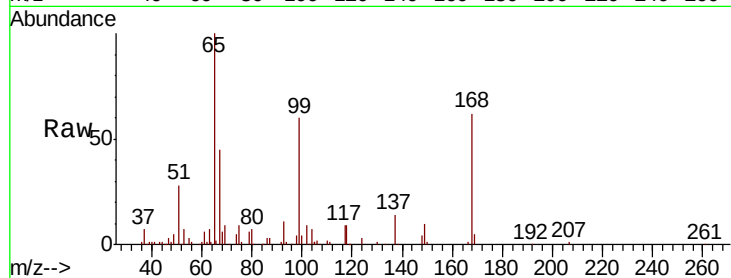




#33
 1,2-Dichloroethane-d4
 Concen: 45.343 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.01 min
 Lab File: VF059757.D
 Acq: 1 Aug 2018 16:06

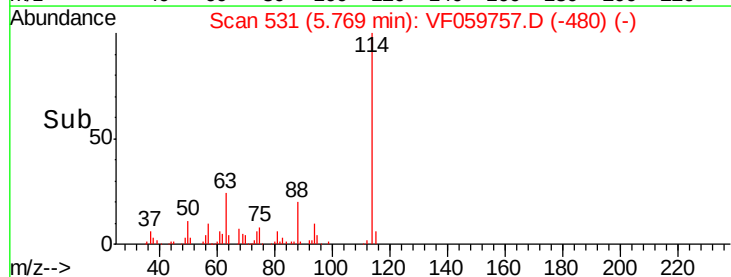
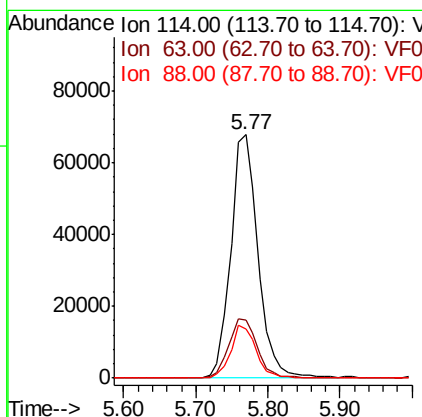
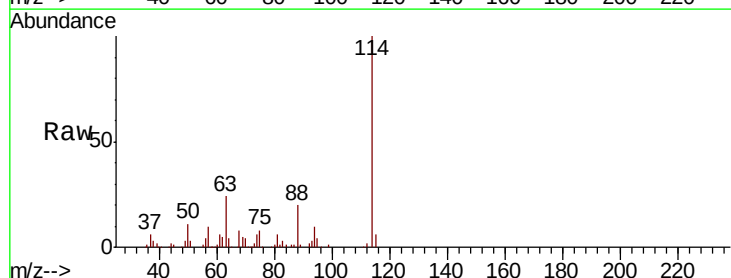
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-1

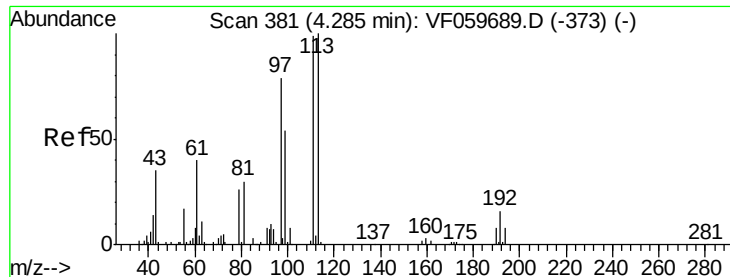
Tgt Ion: 65 Resp: 104807
 Ion Ratio Lower Upper
 65 100
 67 45.2 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VF059757.D
 Acq: 1 Aug 2018 16:06

Tgt Ion: 114 Resp: 179300
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 47.4
 88 20.3 0.0 41.2





#35

Dibromofluoromethane

Concen: 45.127 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-1

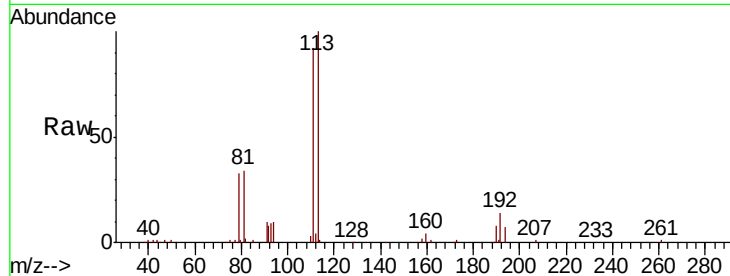
Tgt Ion:113 Resp: 84040

Ion Ratio Lower Upper

113 100

111 92.3 79.0 118.4

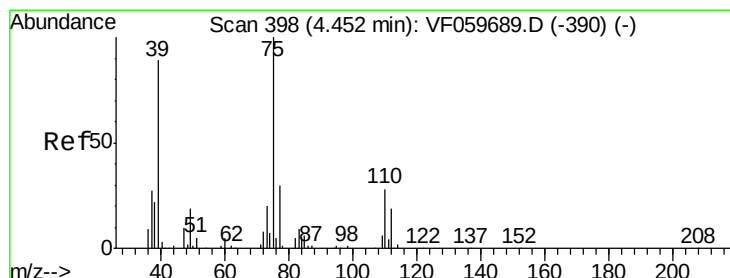
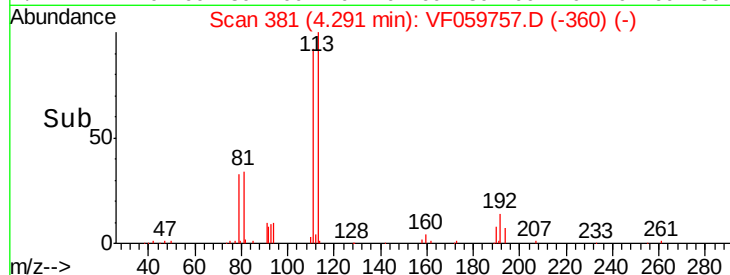
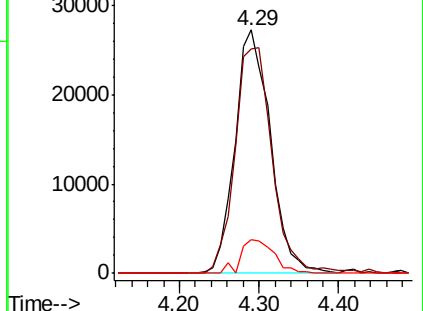
192 14.1 13.2 19.8



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: Below Cal

RT: 4.47 min Scan# 399

Delta R.T. 0.02 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

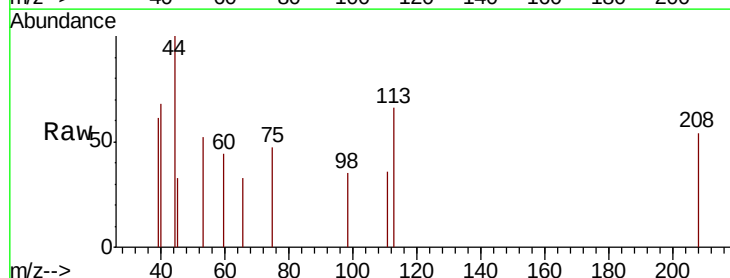
Tgt Ion: 75 Resp: 85

Ion Ratio Lower Upper

75 100

110 0.0 14.0 41.9#

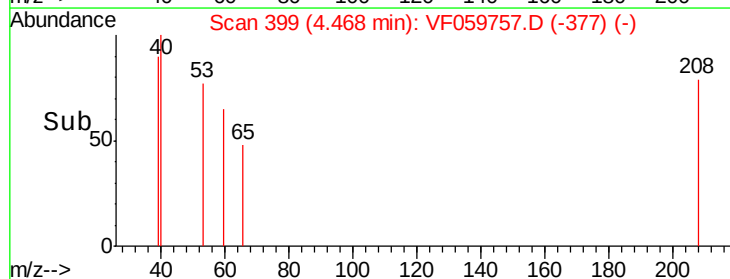
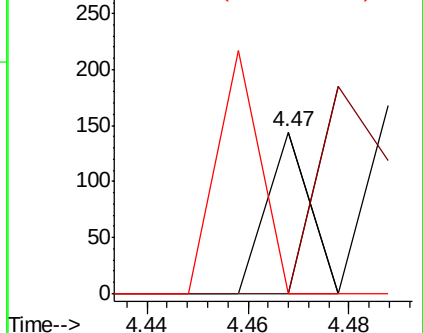
77 0.0 24.2 36.2#

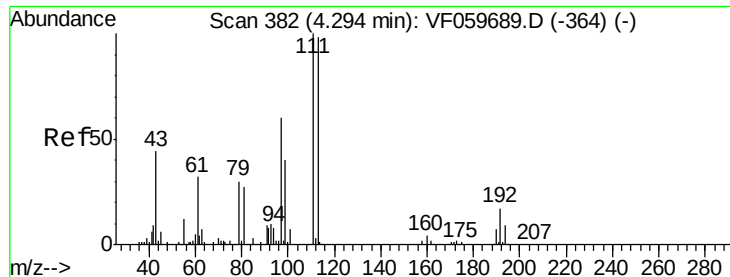


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.31 min Scan# 383

Delta R.T. 0.02 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-1

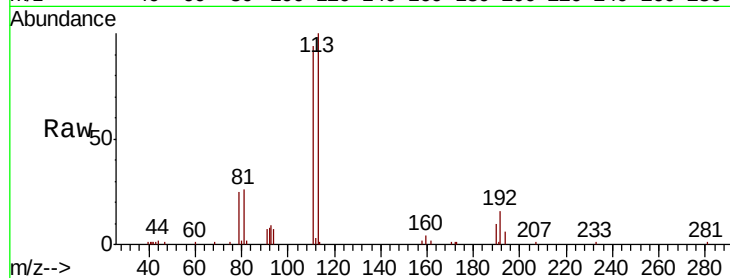
Tgt Ion: 43 Resp: 79

Ion Ratio Lower Upper

43 100

61 0.0 58.2 87.2#

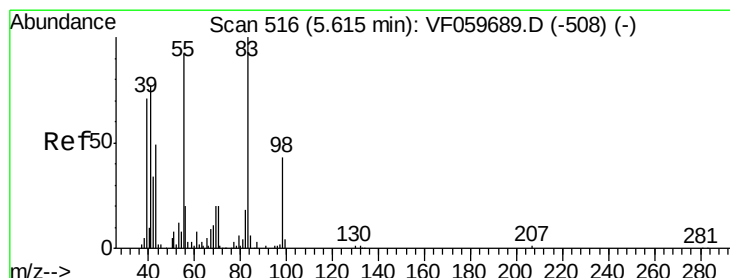
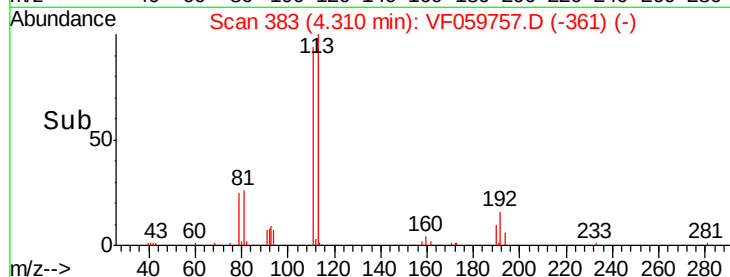
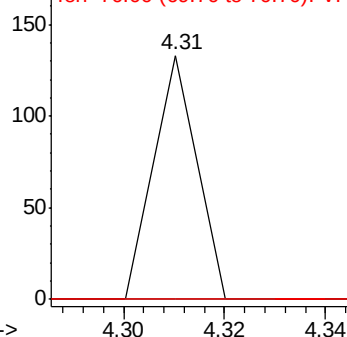
70 0.0 6.0 9.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#39

Methylcyclohexane

Concen: Below Cal

RT: 5.65 min Scan# 519

Delta R.T. 0.04 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

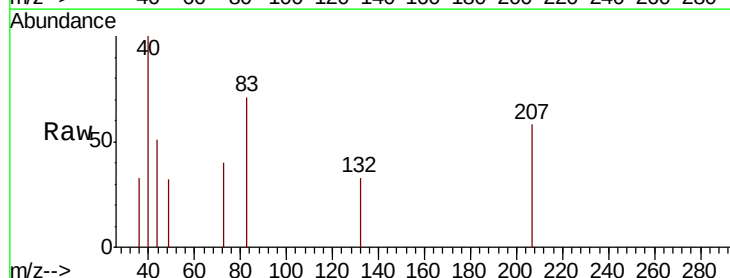
Tgt Ion: 83 Resp: 200

Ion Ratio Lower Upper

83 100

55 0.0 73.4 110.2#

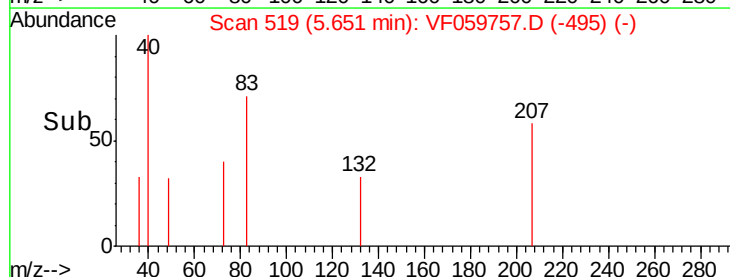
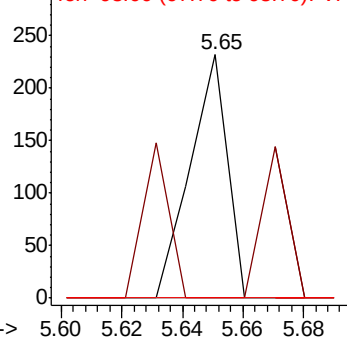
98 0.0 34.2 51.4#

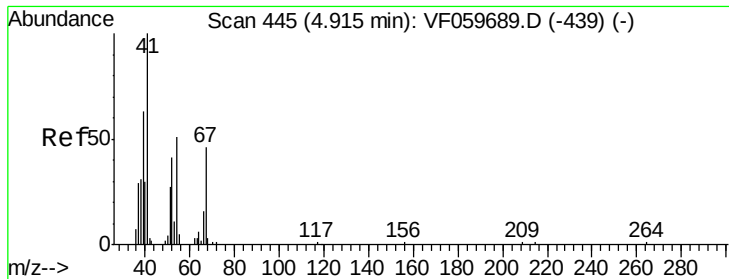


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

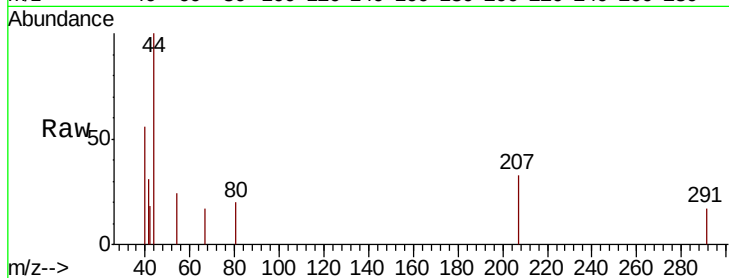




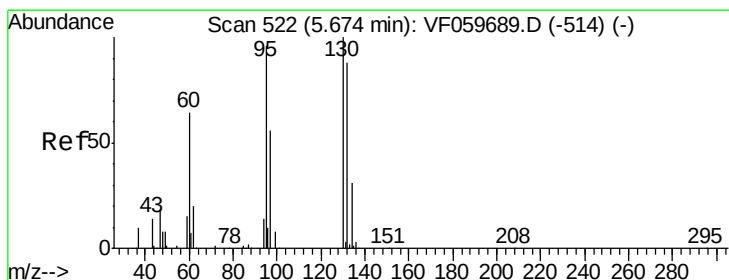
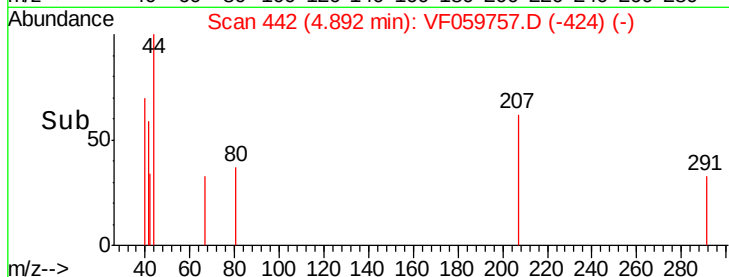
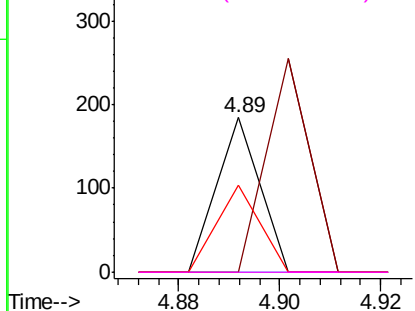
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.89 min Scan# 442
Delta R.T. -0.02 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

Tgt Ion:	41	Resp:	109
Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.2	82.8#
67	56.0	36.2	54.2#
52	0.0	37.7	56.5#

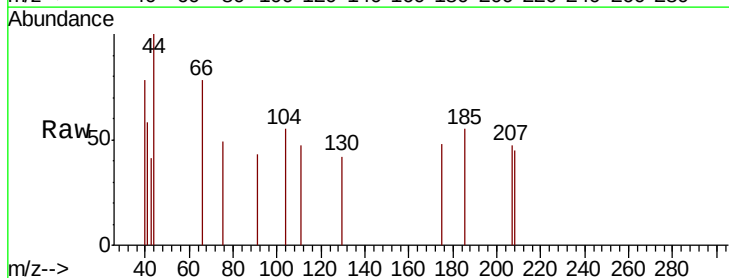


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

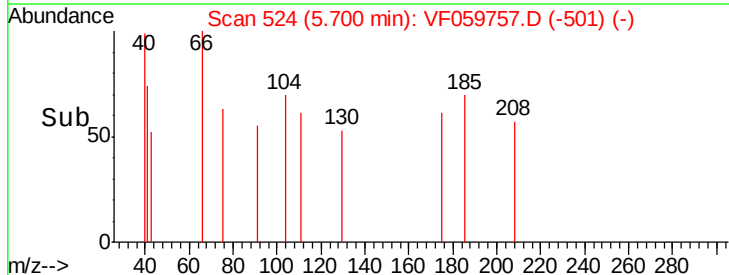
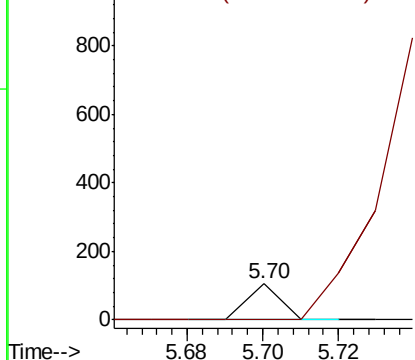


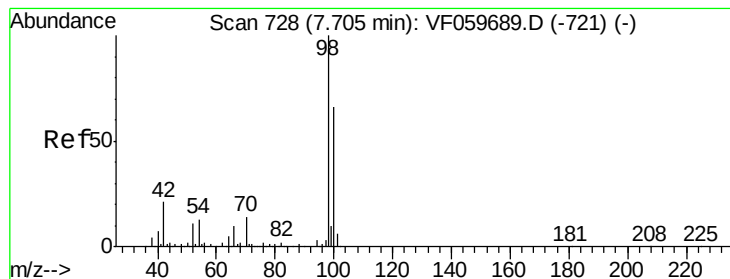
#44
Trichloroethene
Concen: Below Cal
RT: 5.70 min Scan# 524
Delta R.T. 0.03 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

Tgt Ion:	130	Resp:	62
Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	191.0



Abundance Ion 129.90 (129.60 to 130.60): V
Ion 94.90 (94.60 to 95.60): VF0





#50

Toluene-d8

Concen: 36.045 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.01 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Instrument :

MSVOA_F

ClientSampleId :

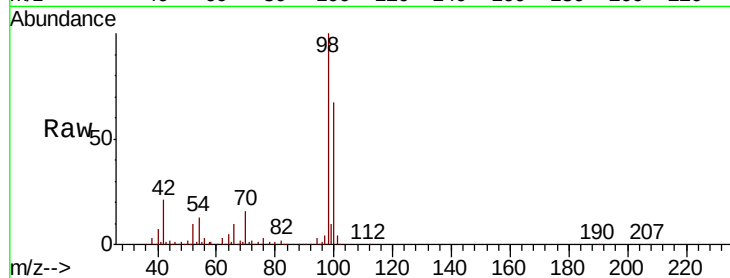
2018-NYSEG-CLARK-AREA-14-1

Tgt Ion: 98 Resp: 156538

Ion Ratio Lower Upper

98 100

100 67.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.71

60000

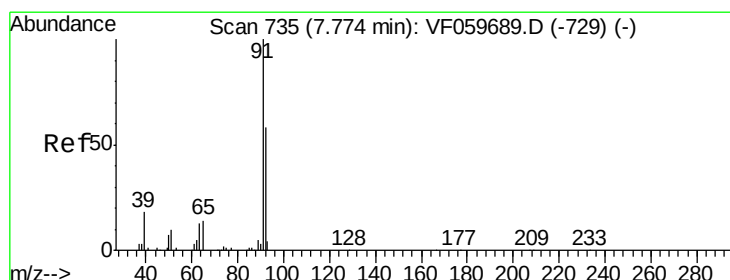
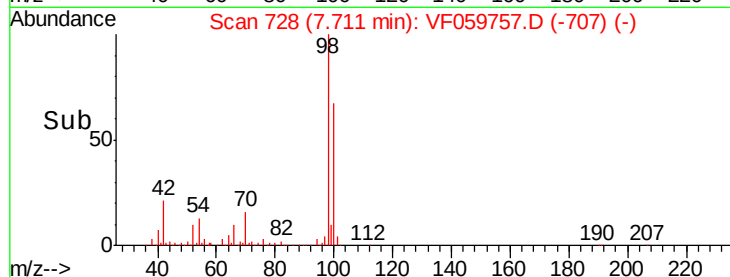
40000

20000

0

7.60 7.70 7.80 7.90

Time-->



#52

Toluene

Concen: Below Cal

RT: 7.79 min Scan# 736

Delta R.T. 0.02 min

Lab File: VF059757.D

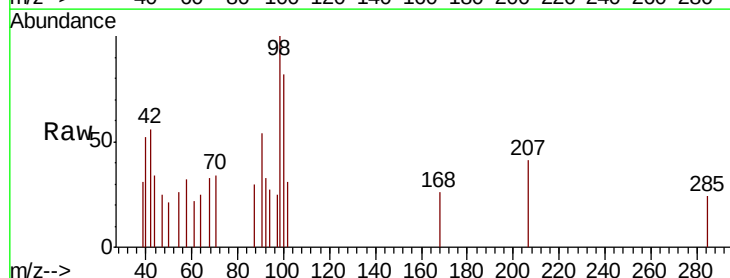
Acq: 1 Aug 2018 16:06

Tgt Ion: 92 Resp: 174

Ion Ratio Lower Upper

92 100

91 163.0 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.79

300

250

200

150

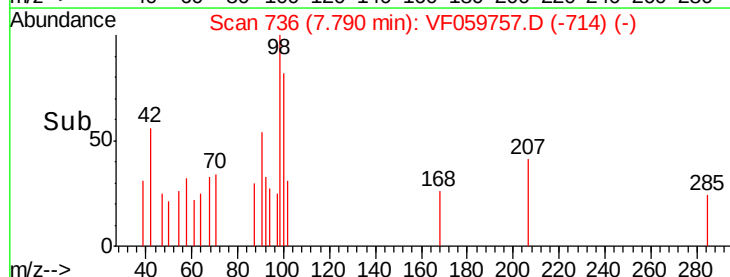
100

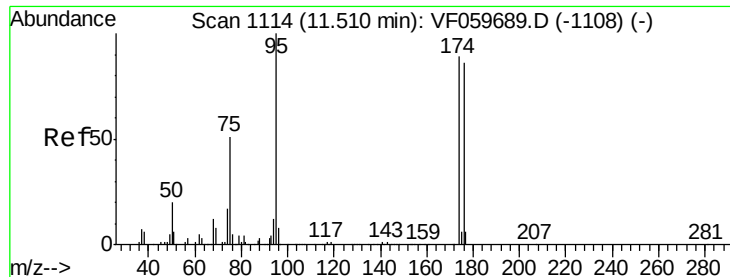
50

0

7.74 7.76 7.78 7.80 7.82

Time-->





#62

4-Bromofluorobenzene

Concen: 31.771 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-1

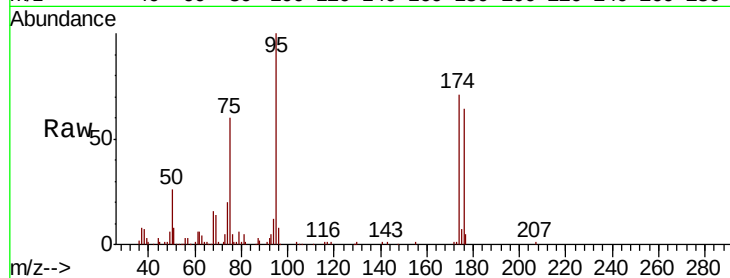
Tgt Ion: 95 Resp: 76383

Ion Ratio Lower Upper

95 100

174 70.6 0.0 178.4

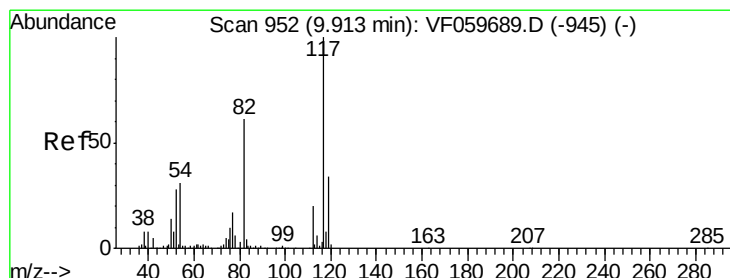
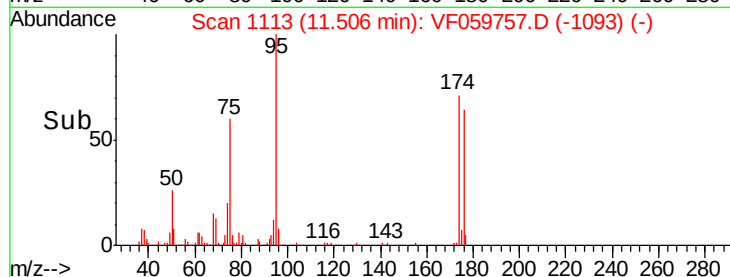
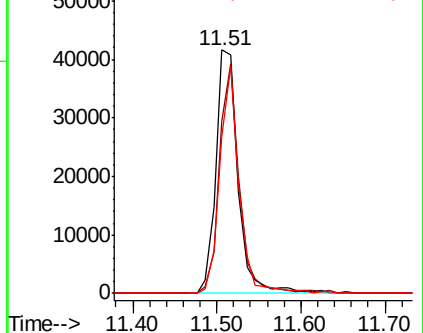
176 64.1 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

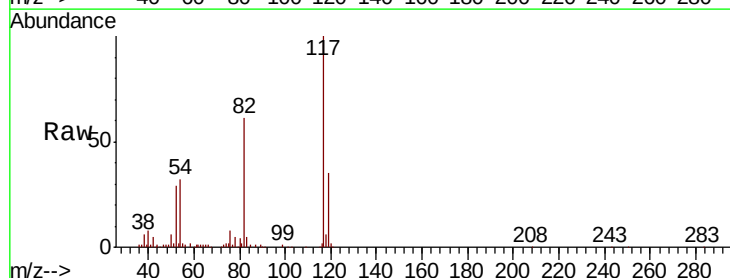
Tgt Ion: 117 Resp: 174199

Ion Ratio Lower Upper

117 100

82 61.4 49.0 73.4

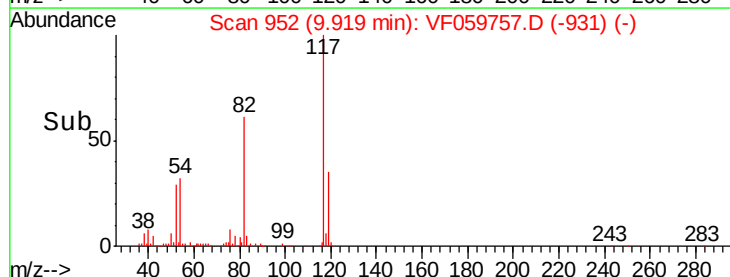
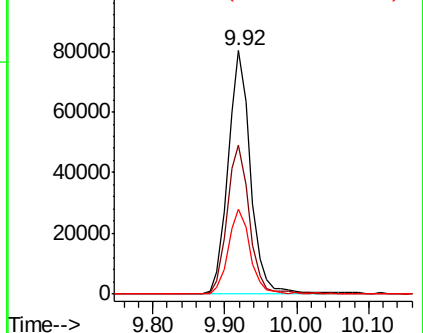
119 34.6 27.3 40.9

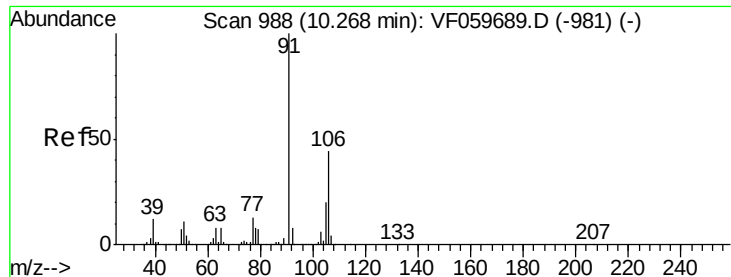


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

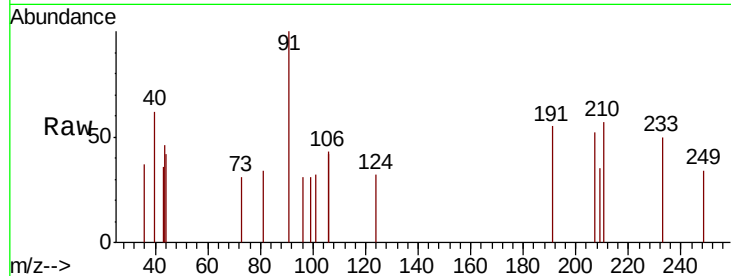




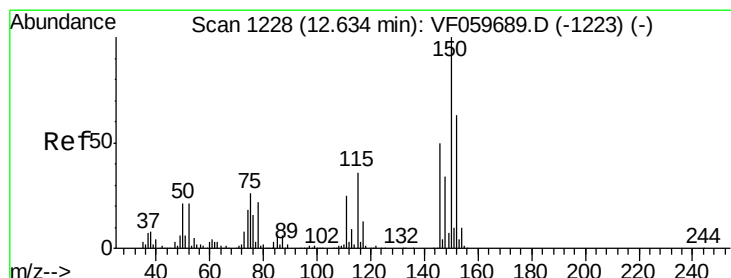
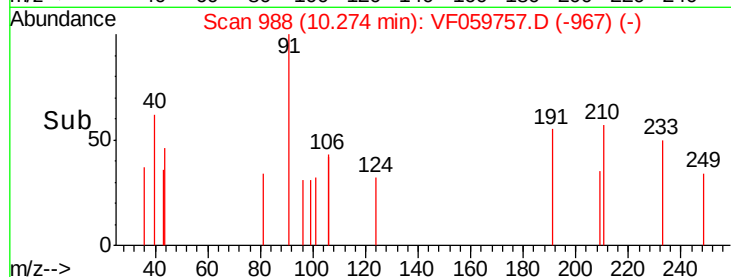
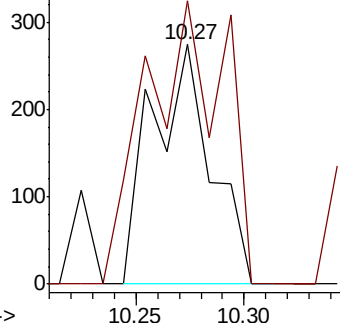
#68
m/p-Xylenes
Concen: Below Cal
RT: 10.27 min Scan# 988
Delta R.T. 0.01 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

Tgt Ion:106 Resp: 520
Ion Ratio Lower Upper
106 100
91 118.2 181.7 272.5#

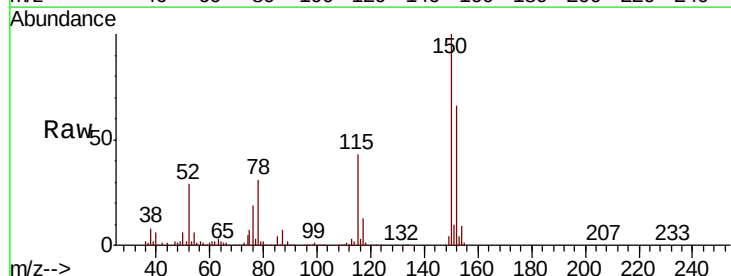


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

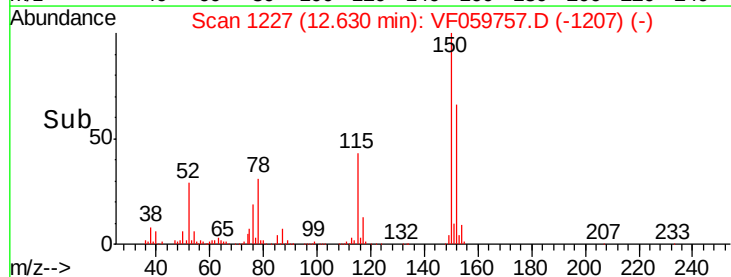
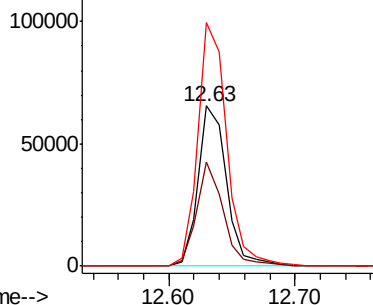


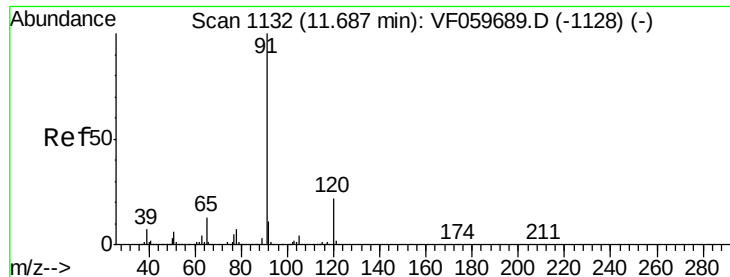
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

Tgt Ion:152 Resp: 101960
Ion Ratio Lower Upper
152 100
115 65.1 28.2 84.6
150 151.9 0.0 316.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

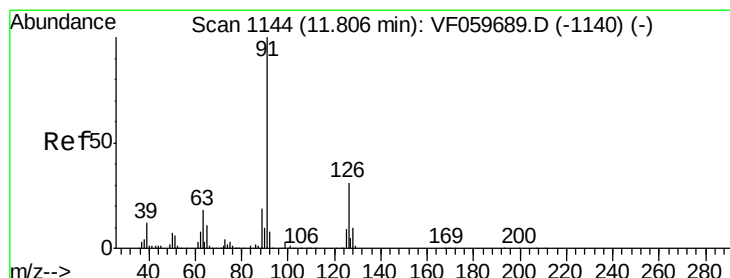
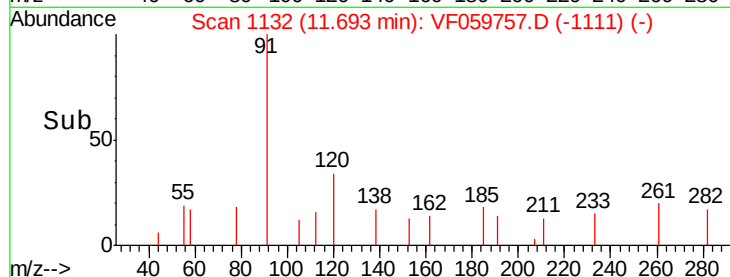
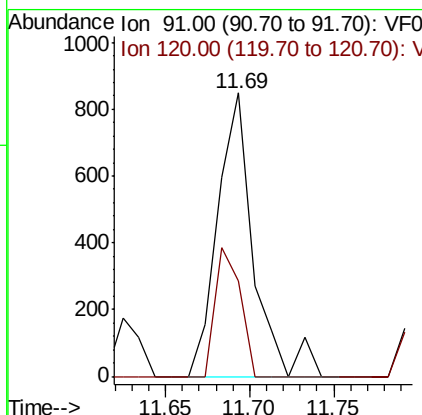
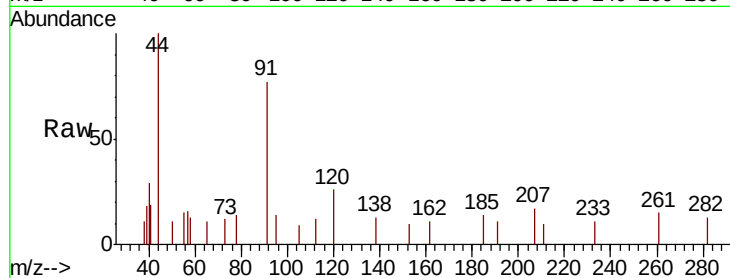




#78
n-propylbenzene
Concen: Below Cal
RT: 11.69 min Scan# 1132
Delta R.T. 0.01 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

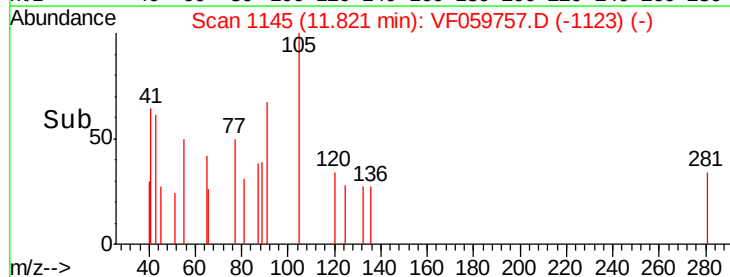
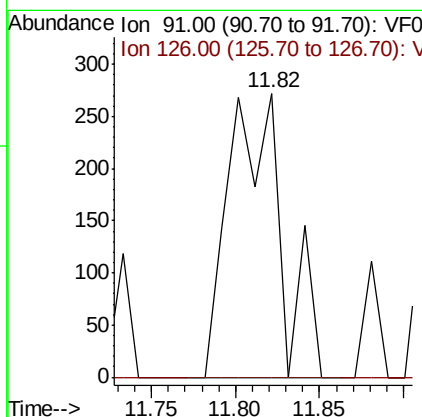
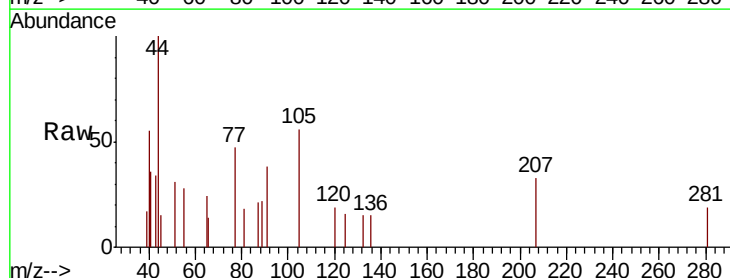
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

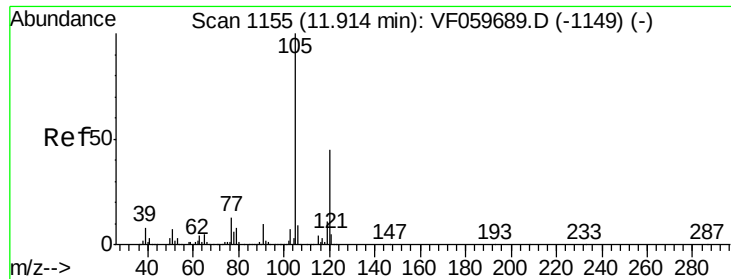
Tgt Ion: 91 Resp: 1256
Ion Ratio Lower Upper
91 100
120 33.6 11.0 33.0#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.82 min Scan# 1145
Delta R.T. 0.02 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

Tgt Ion: 91 Resp: 598
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 11.91 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Instrument :

MSVOA_F

ClientSampleId :

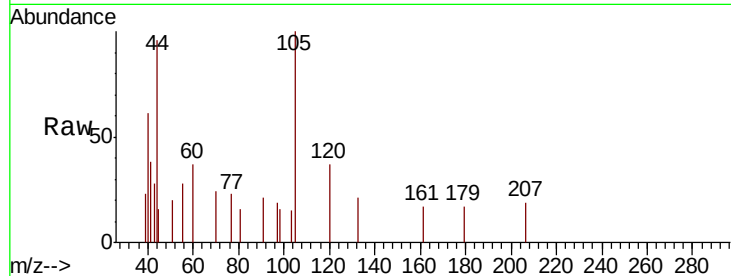
2018-NYSEG-CLARK-AREA-14-1

Tgt Ion: 105 Resp: 813

Ion Ratio Lower Upper

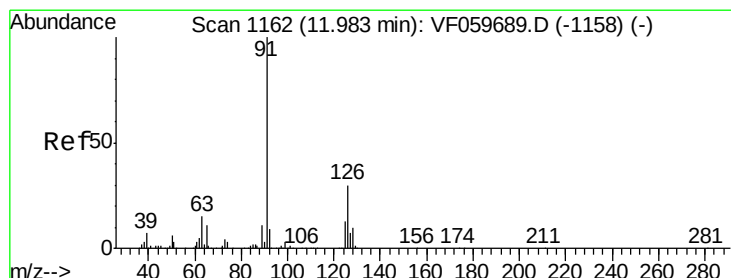
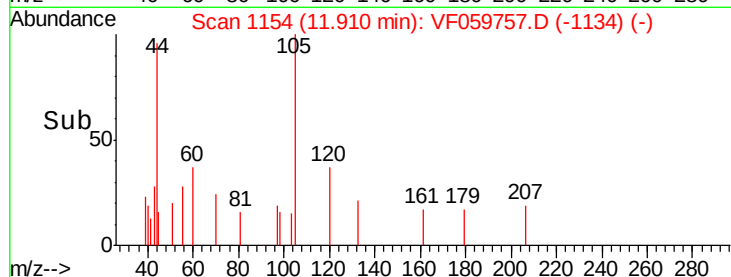
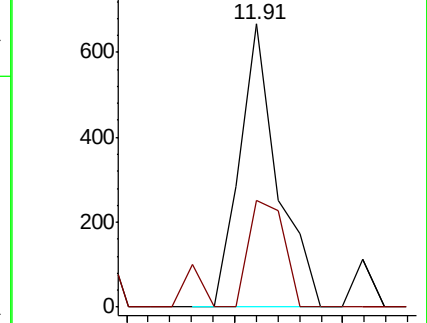
105 100

120 37.5 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

4-Chlorotoluene

Concen: Below Cal

RT: 11.99 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VF059757.D

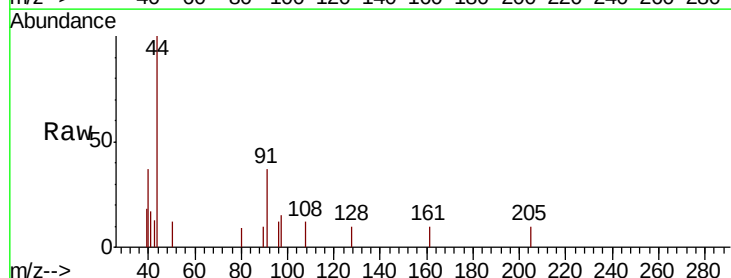
Acq: 1 Aug 2018 16:06

Tgt Ion: 91 Resp: 466

Ion Ratio Lower Upper

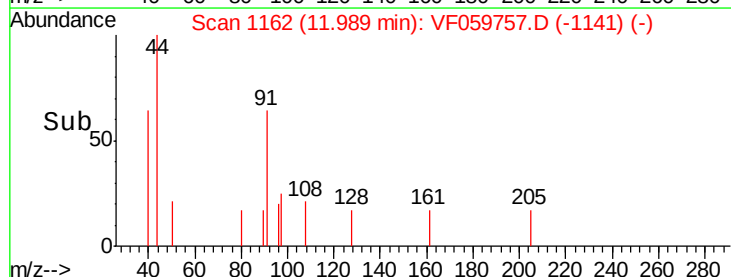
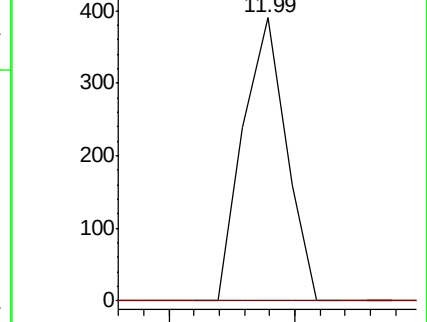
91 100

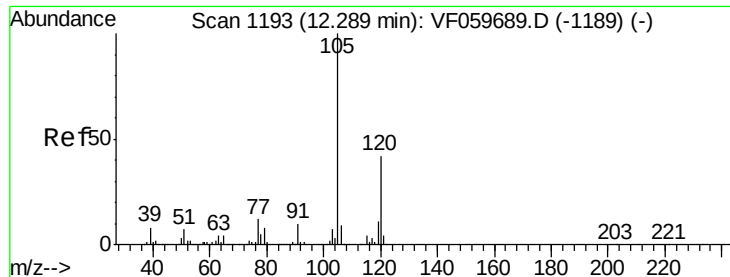
126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

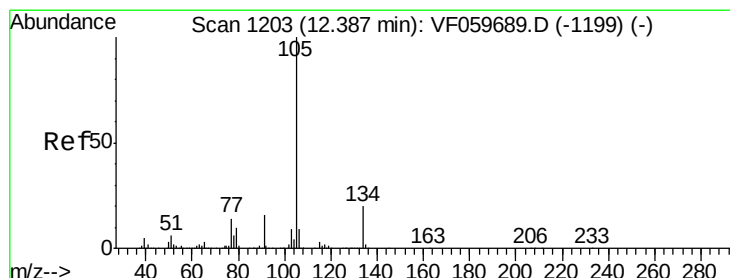
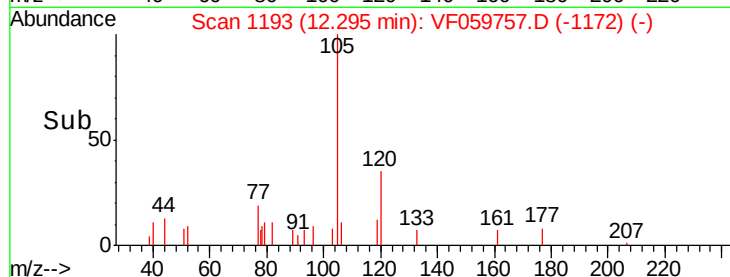
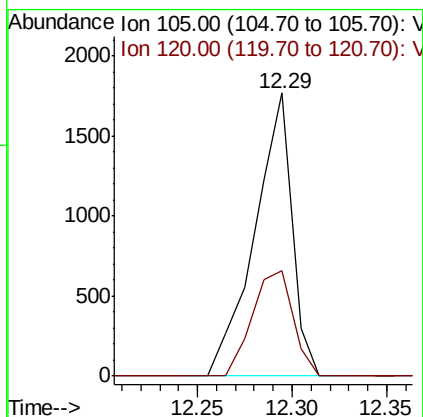
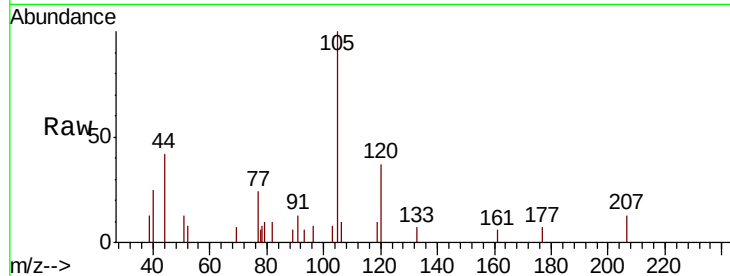




#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 12.29 min Scan# 1193
Delta R.T. 0.01 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

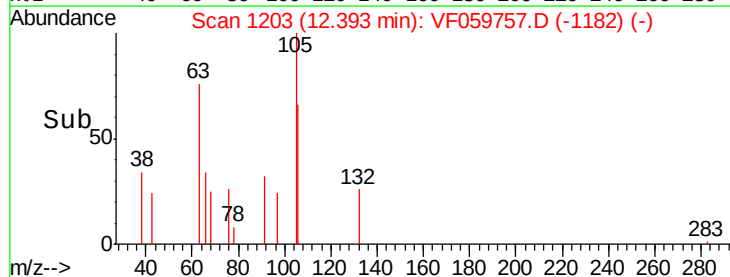
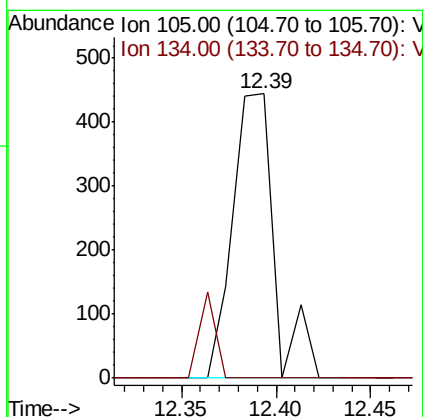
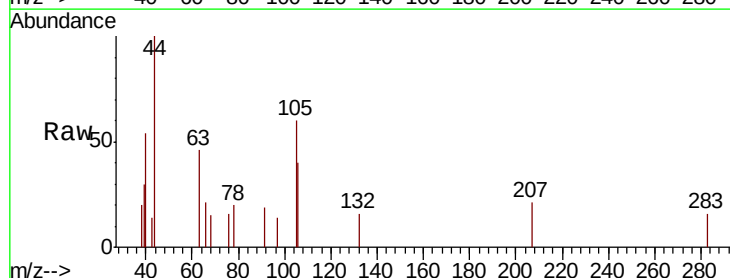
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

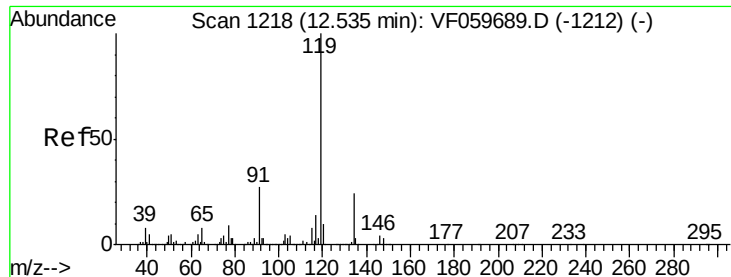
Tgt Ion:105 Resp: 2439
Ion Ratio Lower Upper
105 100
120 37.4 21.1 63.3



#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.39 min Scan# 1203
Delta R.T. 0.01 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

Tgt Ion:105 Resp: 674
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

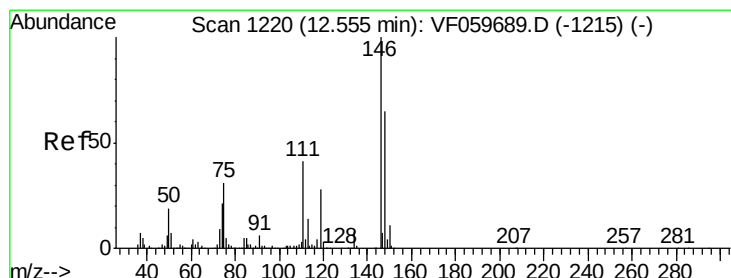
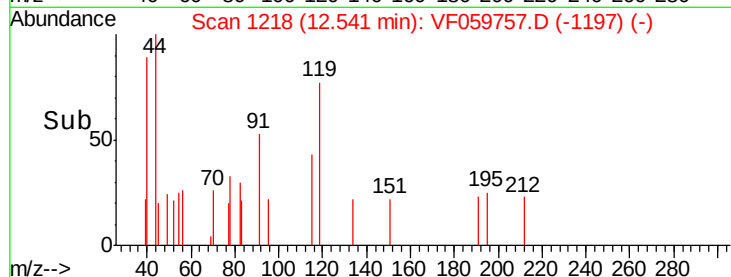
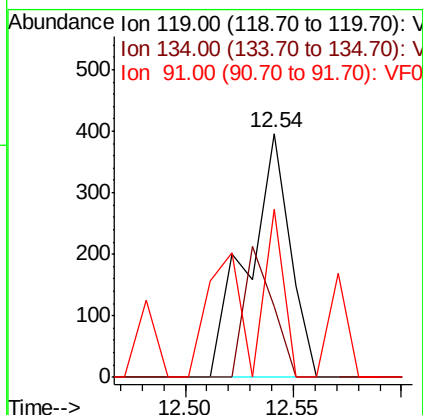
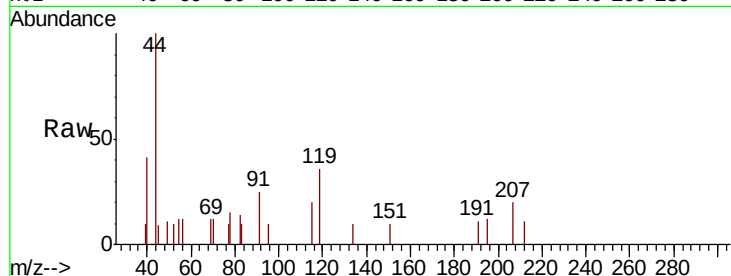




#86
 p-Isopropyltoluene
 Concen: Below Cal
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: VF059757.D
 Acq: 1 Aug 2018 16:06

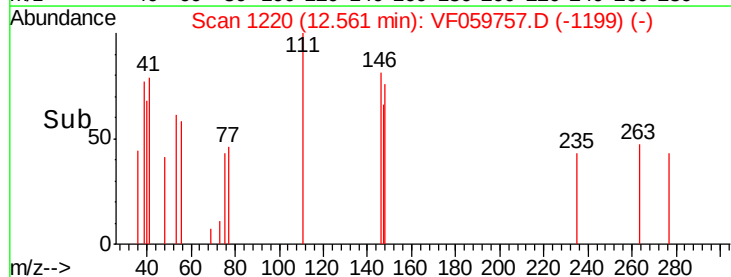
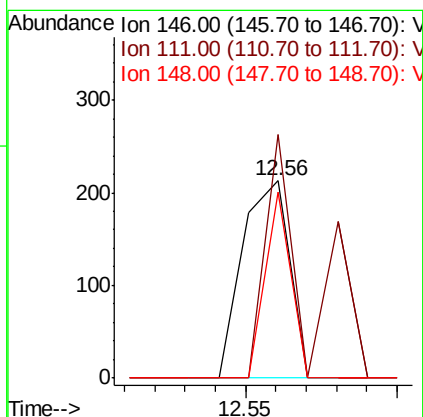
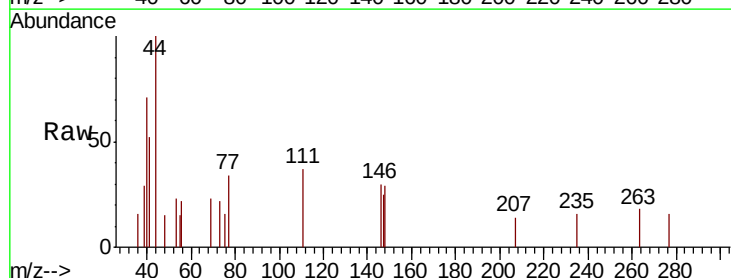
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-1

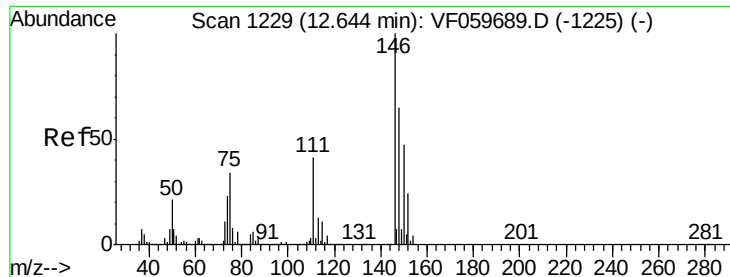
Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.0	12.2	36.6
91	69.2	13.4	40.2



#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 12.56 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: VF059757.D
 Acq: 1 Aug 2018 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	123.5	20.7	62.1
148	94.4	32.3	96.8

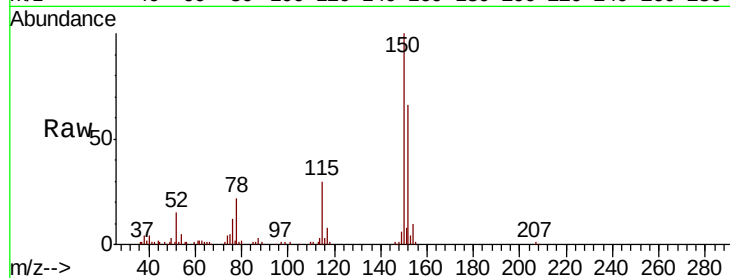




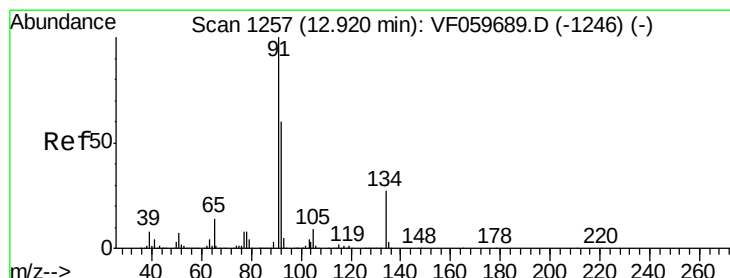
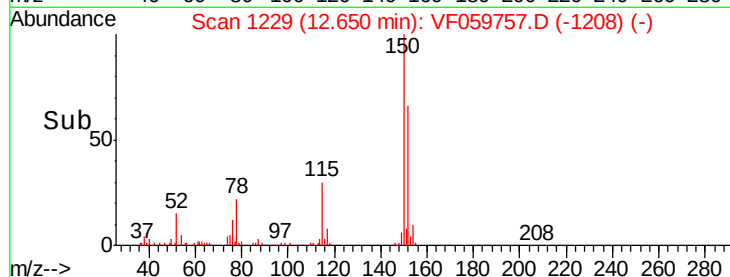
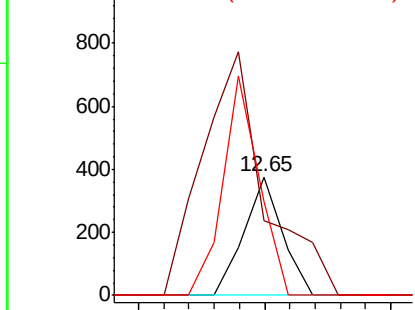
#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VF059757.D
 Acq: 1 Aug 2018 16:06

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-1

Tgt Ion: 146 Resp: 397
 Ion Ratio Lower Upper
 146 100
 111 63.1 20.8 62.2#
 148 79.3 32.3 96.9

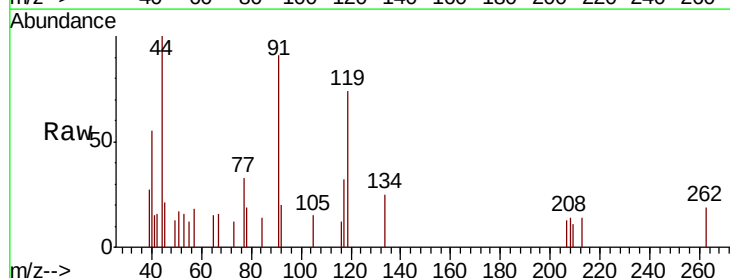


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

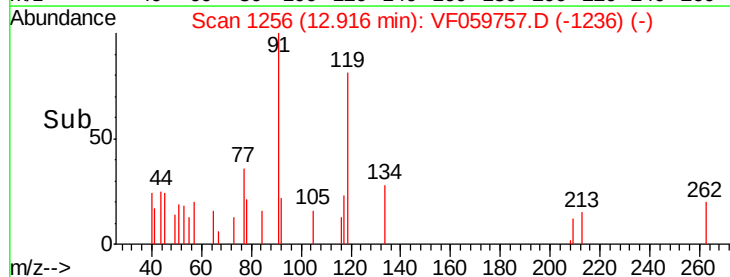
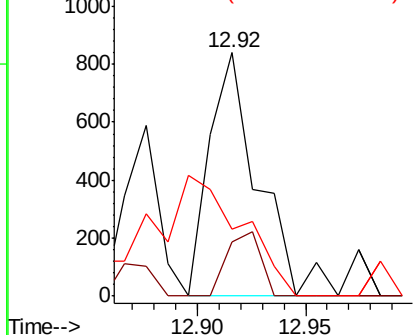


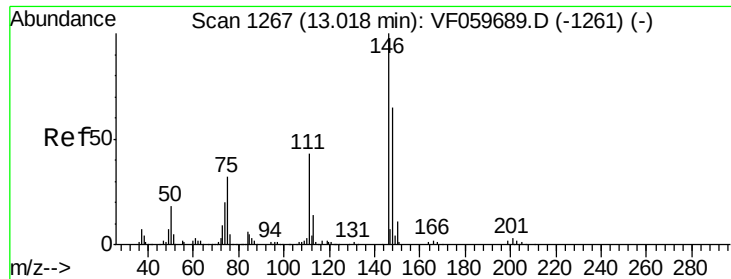
#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 12.92 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VF059757.D
 Acq: 1 Aug 2018 16:06

Tgt Ion: 91 Resp: 1324
 Ion Ratio Lower Upper
 91 100
 92 22.4 30.1 90.3#
 134 27.5 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





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.02 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

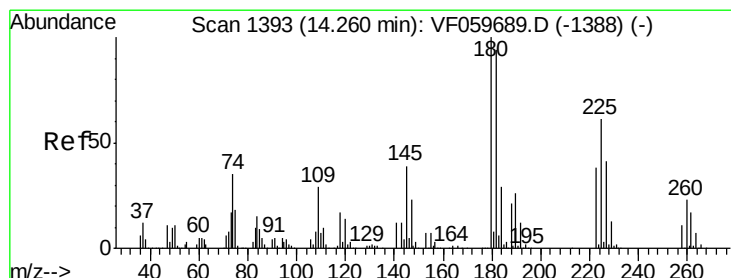
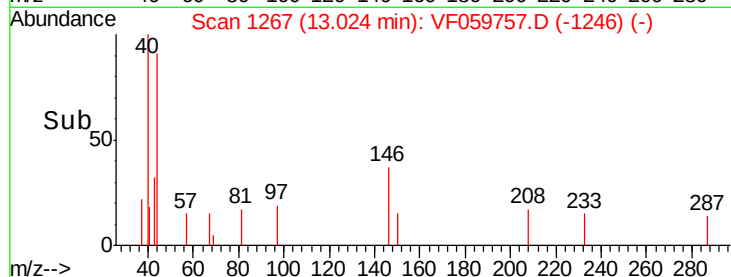
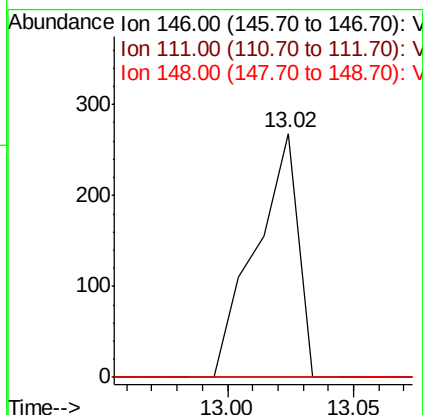
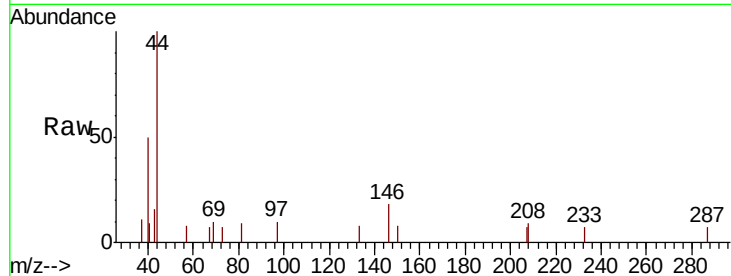
Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-1

Tgt Ion:	146	Resp:	316
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.6	65.0#
148	0.0	32.3	96.9#



#93

1,2,4-Trichlorobenzene

Concen: Below Cal

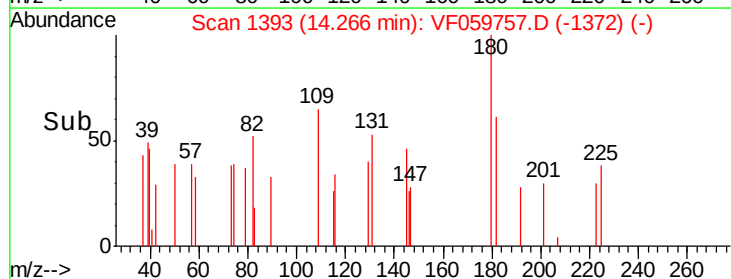
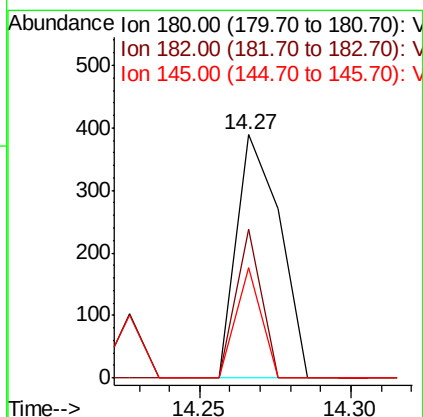
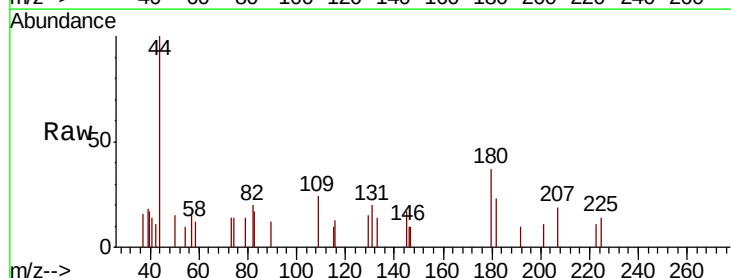
RT: 14.27 min Scan# 1393

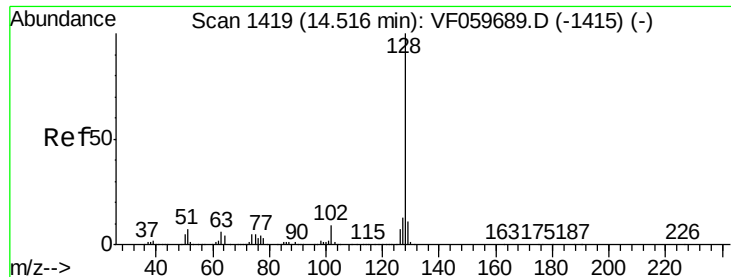
Delta R.T. 0.01 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Tgt Ion:	180	Resp:	390
Ion	Ratio	Lower	Upper
180	100		
182	61.2	47.2	141.6
145	45.5	19.3	57.9





#95
Naphthalene
Concen: 6.396 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.01 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

Tgt Ion:128 Resp: 28116
Ion Ratio Lower Upper
128 100
127 11.2 10.0 15.0
129 9.3 8.6 13.0

