Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
Data File : VF059761.D
Acq On : 1 Aug 2018 17:55
Operator : VA/AP
Sample : J4231-07
Misc : 5.01g/5mL/MSVOA_F/SOIL
ALS Vial : 91 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-4

Quant Time: Aug 02 05:30:09 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	0.00	168	0	0.00	ug/l	-5.03
34) 1,4-Difluorobenzene	6.01	114	60	50.00	ug/l	0.25
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.91
72) 1,4-Dichlorobenzene-d4	12.53	152	75	50.00	ug/l	-0.11
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	72	0.00	ug/l	0.03
Spiked Amount 50.000			Recovery = 0.00%			
35) Dibromofluoromethane	4.34	113	64	102.70	ug/l	0.05
Spiked Amount 50.000			Recovery = 205.40%			
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
62) 4-Bromofluorobenzene	12.09	95	61	75.82	ug/l	0.58
Spiked Amount 50.000			Recovery = 151.64%			
Target Compounds						Qvalue
37) Ethyl Acetate	4.49	43	111	403.489	ug/l #	19
38) Carbon Tetrachloride	4.37	117	64	67.089	ug/l #	14
41) Methacrylonitrile	5.10	41	72	502.081	ug/l #	24
43) Isopropyl Acetate	7.39	43	61	170.025	ug/l #	46
45) 1,2-Dichloropropane	6.76	63	86	268.758	ug/l #	43
46) Dibromomethane	6.44	93	78	256.747	ug/l #	8
48) Methyl methacrylate	7.16	41	150	555.847	ug/l #	50
49) 1,4-Dioxane	7.11	88	69	14039.117	ug/l #	21
51) 4-Methyl-2-Pentanone	8.73	43	206	754.807	ug/l #	42
53) t-1,3-Dichloropropene	8.72	75	63	87.761	ug/l #	41
54) cis-1,3-Dichloropropene	7.81	75	91	130.875	ug/l #	18
55) 1,1,2-Trichloroethane	9.08	97	253	770.959	ug/l #	14
56) Ethyl methacrylate	9.12	69	76	222.071	ug/l #	14
58) 2-Chloroethyl Vinyl ether	7.97	63	80	2024.618	ug/l	100
59) 2-Hexanone	10.03	43	71	324.640	ug/l #	30
60) Dibromochloromethane	9.18	129	87	150.244	ug/l #	12
73) Isopropylbenzene	11.05	105	83	16.866	ug/l #	50
74) N-amyl acetate	11.44	43	86	69.269	ug/l #	48
76) 1,2,3-Trichloropropane	11.95	75	60	76.170	ug/l #	39
78) n-propylbenzene	11.84	91	88	13.820	ug/l #	54
79) 2-Chlorotoluene	11.84	91	155	48.712	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.93	105	70	14.522	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.95	75	60	183.926	ug/l #	9
82) 4-Chlorotoluene	11.93	91	87	23.531	ug/l #	44
83) tert-Butylbenzene	12.28	119	108	24.447	ug/l #	26
86) p-Isopropyltoluene	12.54	119	83	15.029	ug/l #	49
89) n-Butylbenzene	13.00	91	66	11.438	ug/l #	29
92) 1,2-Dibromo-3-Chloropropan	13.78	75	103	454.837	ug/l #	9
94) Hexachlorobutadiene	14.14	225	66	53.651	ug/l #	19
95) Naphthalene	14.51	128	1335	412.854	ug/l #	70

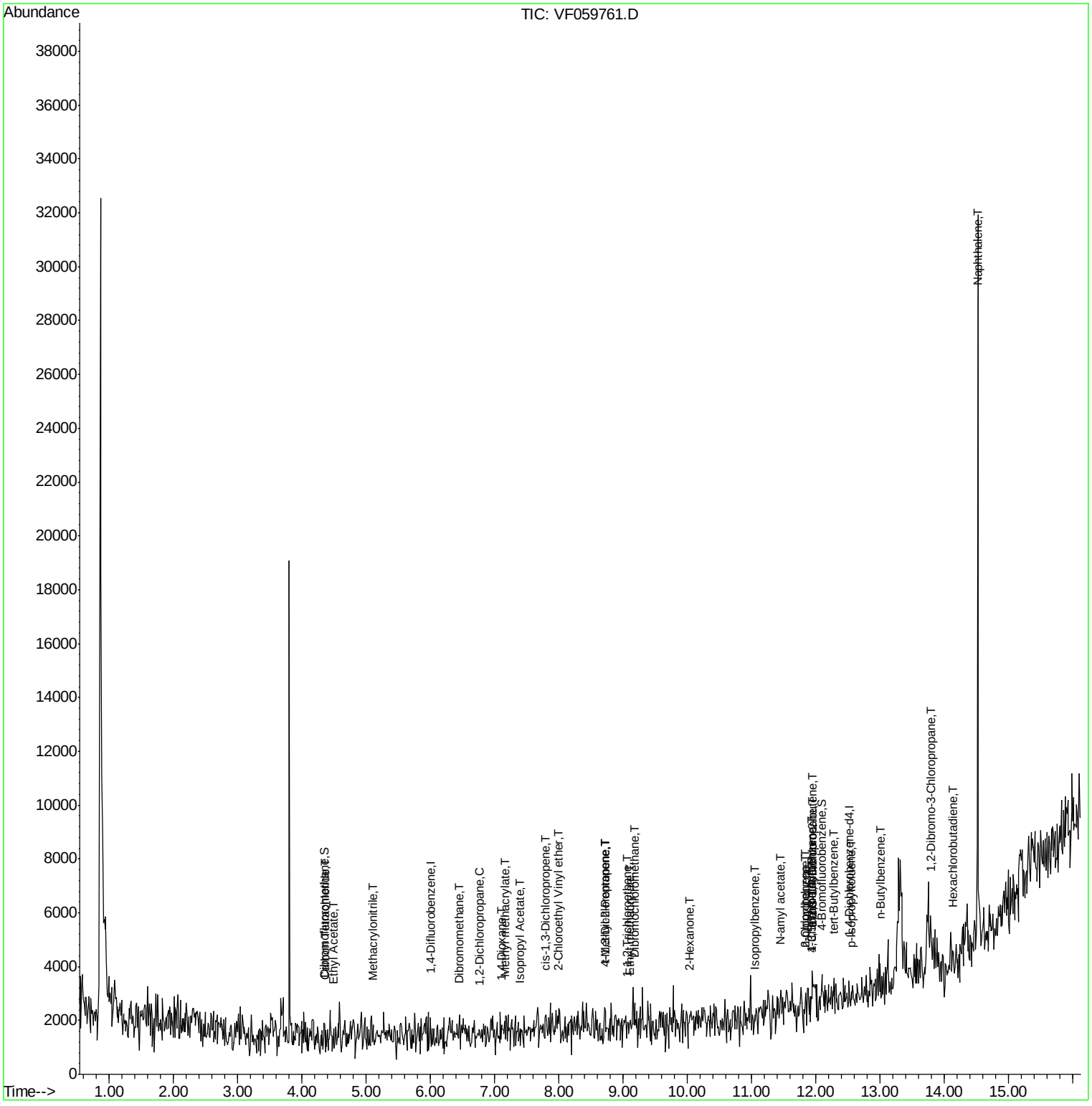
(#) = qualifier out of range (m) = manual integration (+) = signals summed

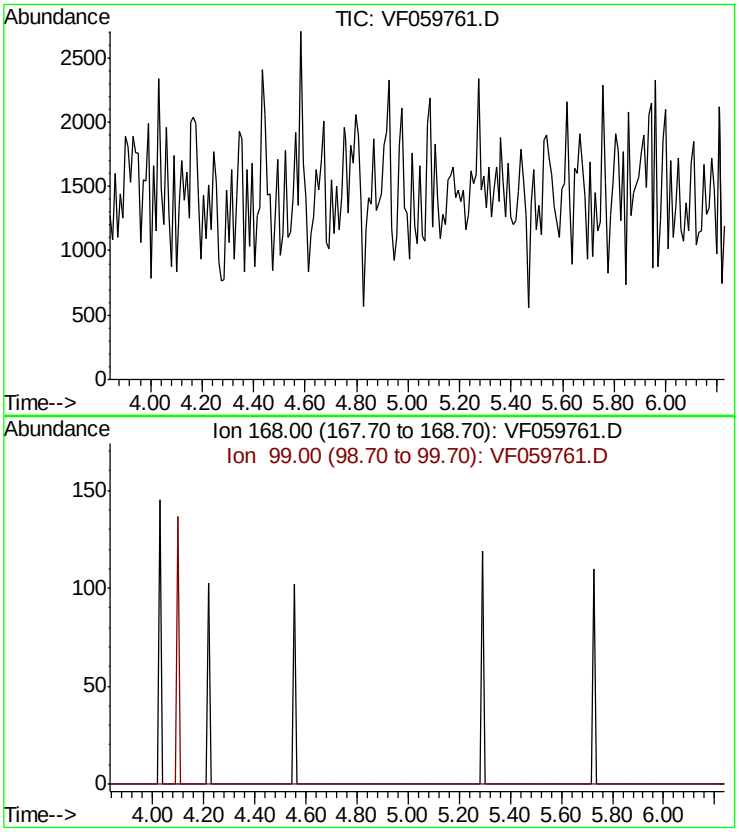
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
Data File : VF059761.D
Acq On : 1 Aug 2018 17:55
Operator : VA/AP
Sample : J4231-07
Misc : 5.01g/5mL/MSVOA_F/SOIL
ALS Vial : 91 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Quant Time: Aug 02 05:30:09 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





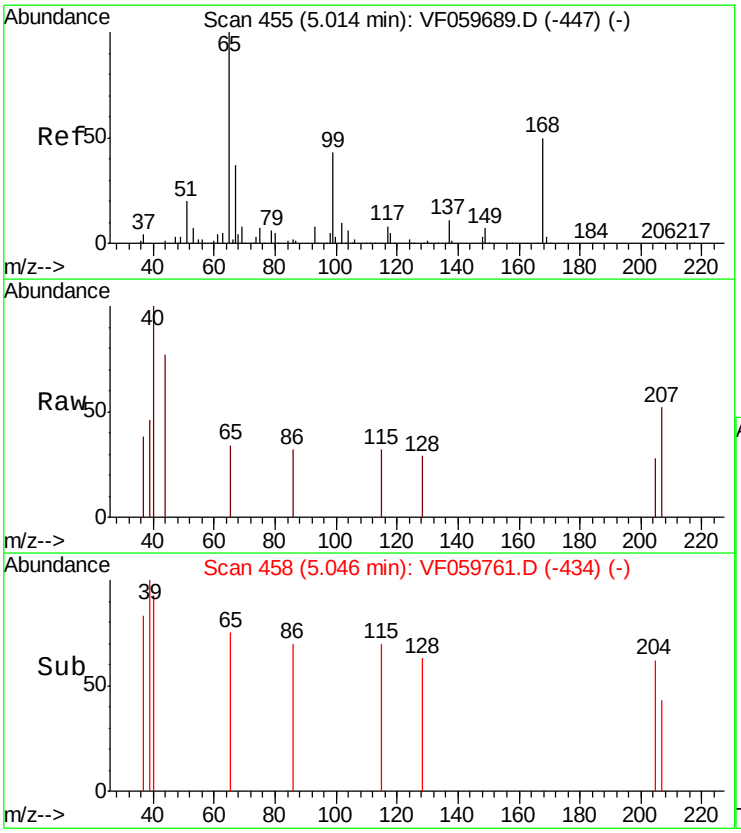
#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 5.03 min

Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 168

Sig	Exp	Ratio
168	100	
99		79.1

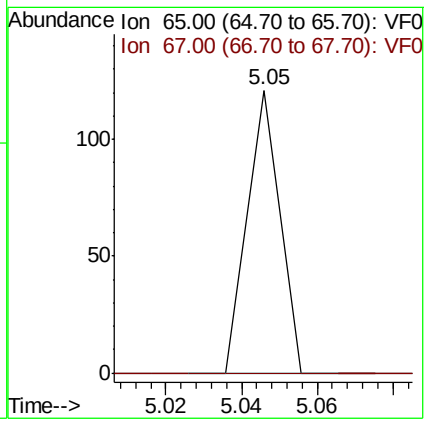
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

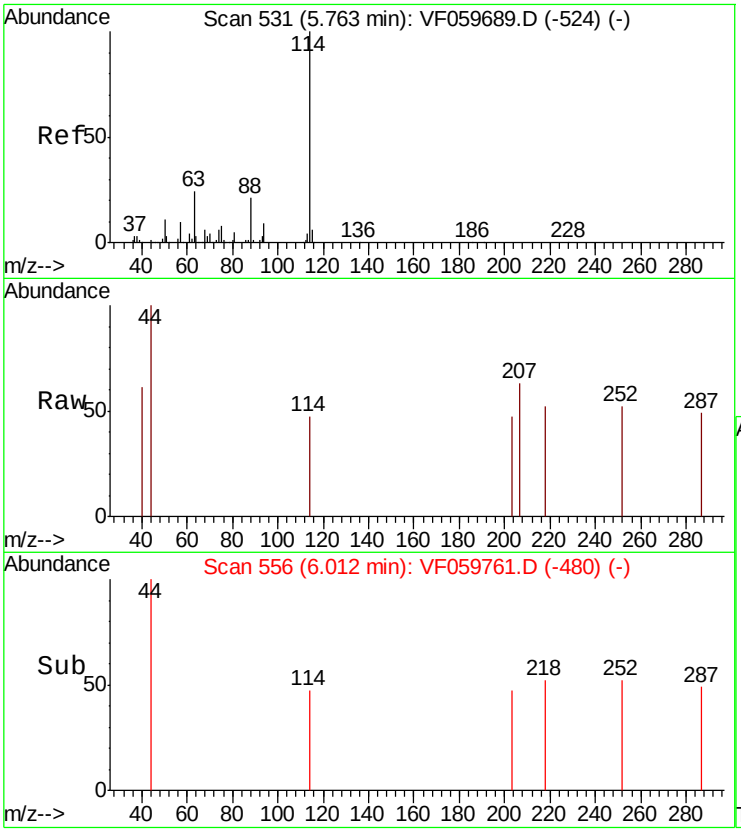


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 65 Resp: 72

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	84.6



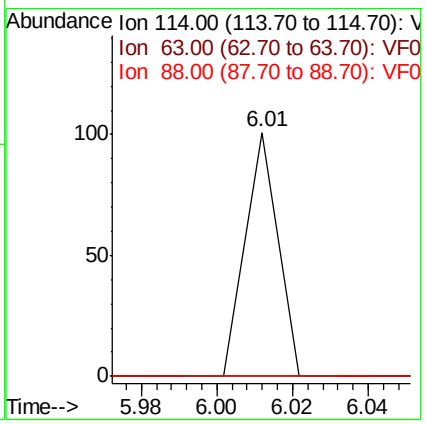


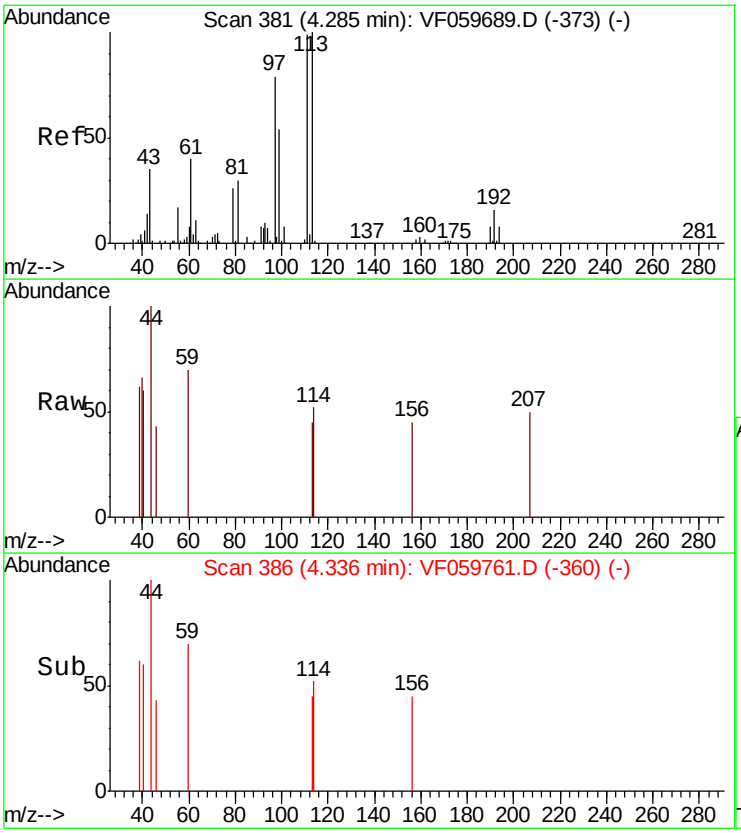
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.01 min Scan# 556
Delta R.T. 0.25 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion:114 Resp: 60

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	47.4
88	0.0	0.0	41.2

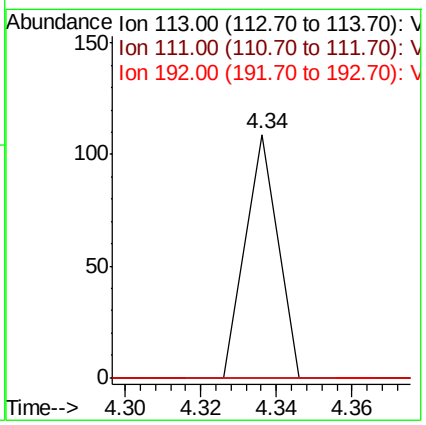


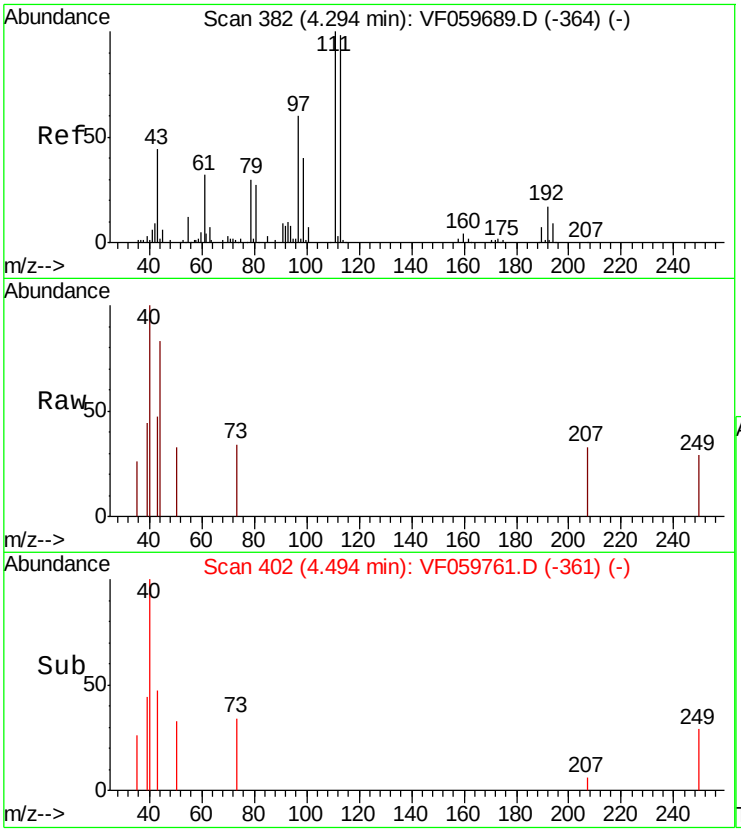


#35
Dibromofluoromethane
Concen: 102.697 ug/l
RT: 4.34 min Scan# 386
Delta R.T. 0.05 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion:113 Resp: 64

Ion	Ratio	Lower	Upper
113	100		
111	0.0	79.0	118.4#
192	0.0	13.2	19.8#



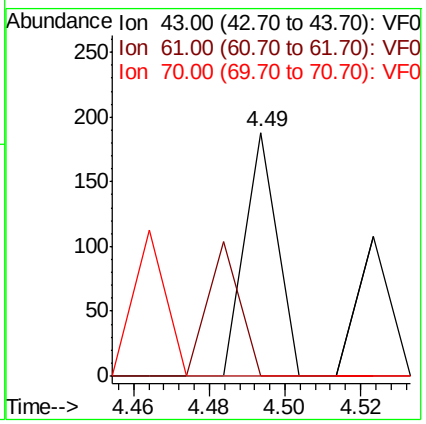


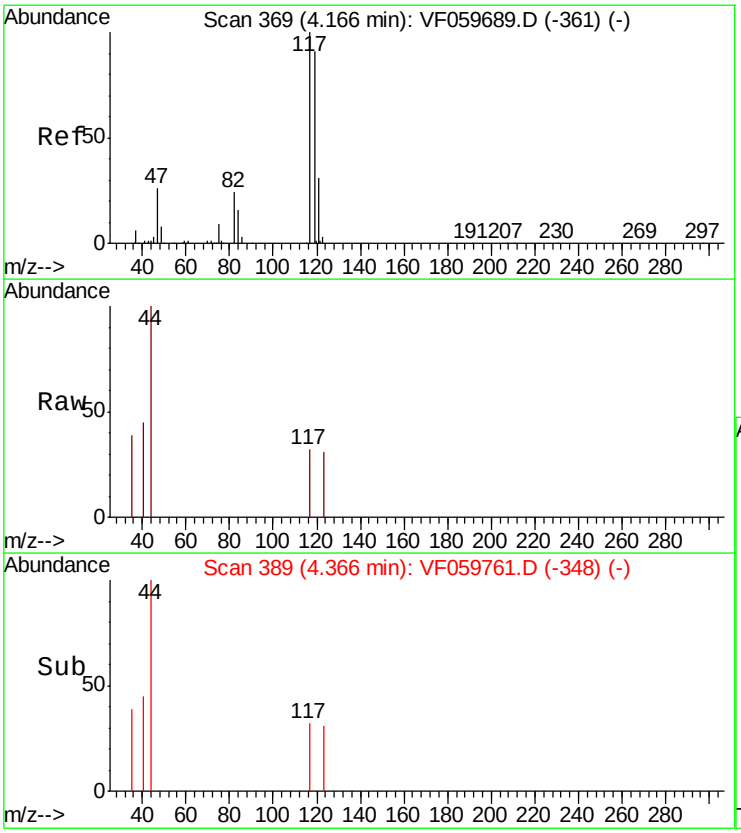
#37
Ethyl Acetate
Concen: 403.489 ug/l
RT: 4.49 min Scan# 402
Delta R.T. 0.20 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 43 Resp: 111

Ion	Ratio	Lower	Upper
43	100		
61	0.0	58.2	87.2#
70	0.0	6.0	9.0#

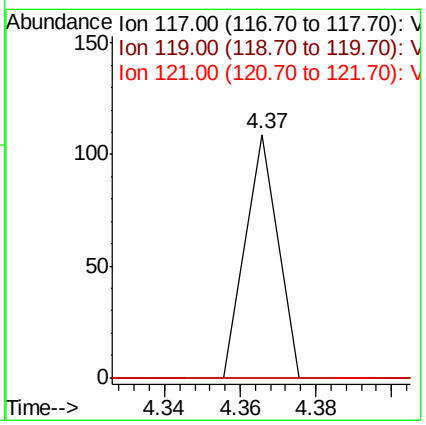


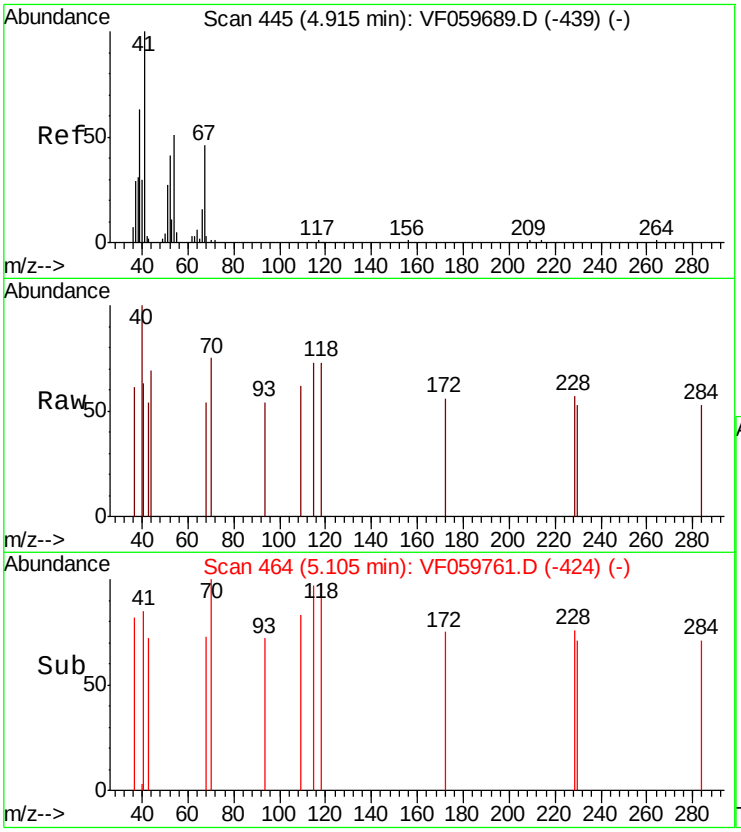


#38
Carbon Tetrachloride
Concen: 67.089 ug/l
RT: 4.37 min Scan# 389
Delta R.T. 0.20 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion:117 Resp: 64

Ion	Ratio	Lower	Upper
117	100		
119	0.0	72.9	109.3#
121	0.0	25.0	37.4#



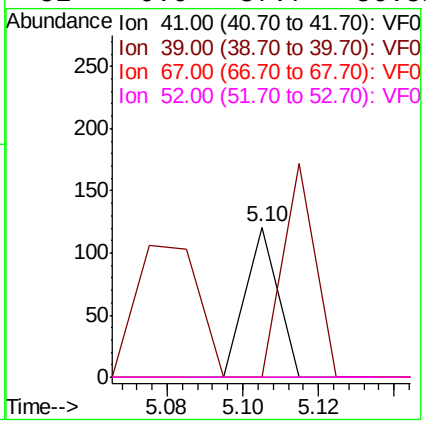


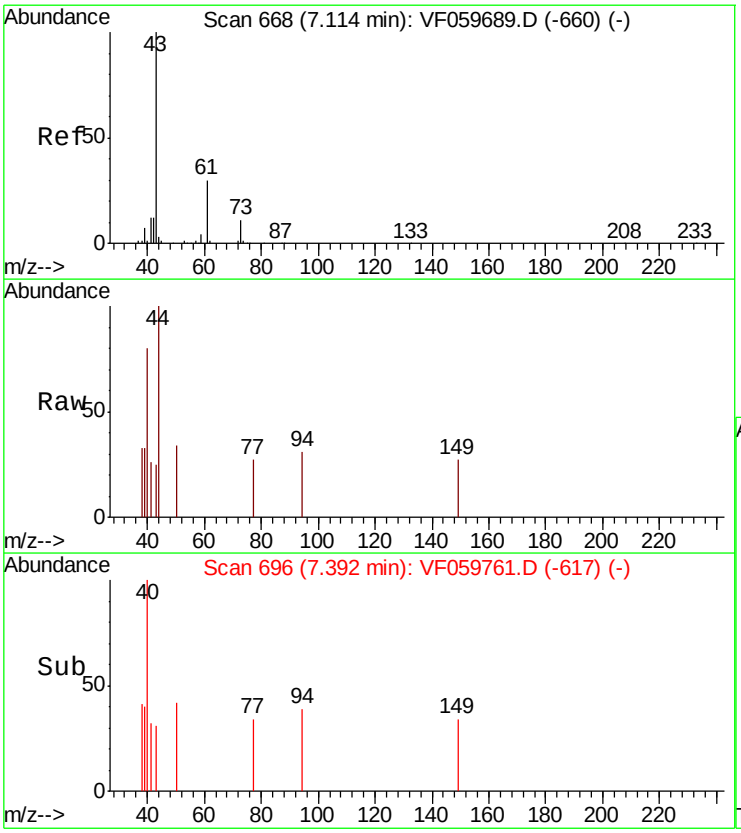
#41
Methacrylonitrile
Concen: 502.081 ug/l
RT: 5.10 min Scan# 464
Delta R.T. 0.19 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 41 Resp: 72

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#

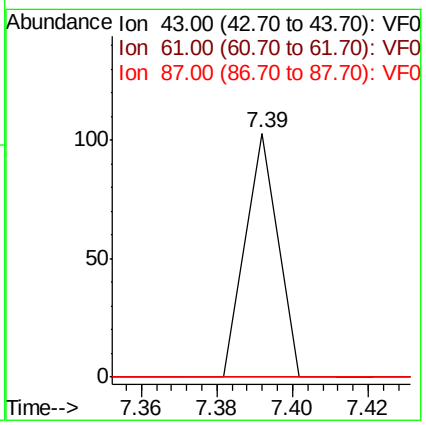


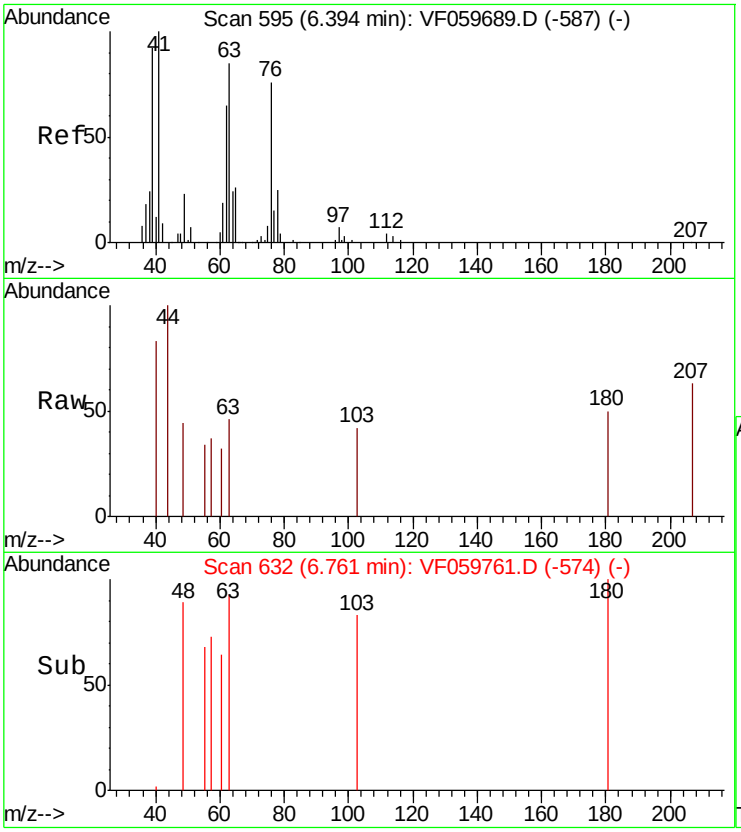


#43
Isopropyl Acetate
Concen: 170.025 ug/l
RT: 7.39 min Scan# 696
Delta R.T. 0.28 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 43 Resp: 61

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.8#
87	0.0	0.6	1.0#



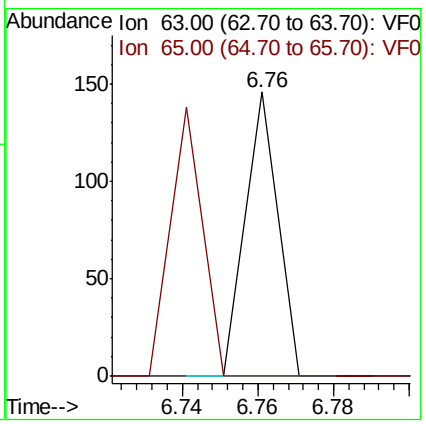


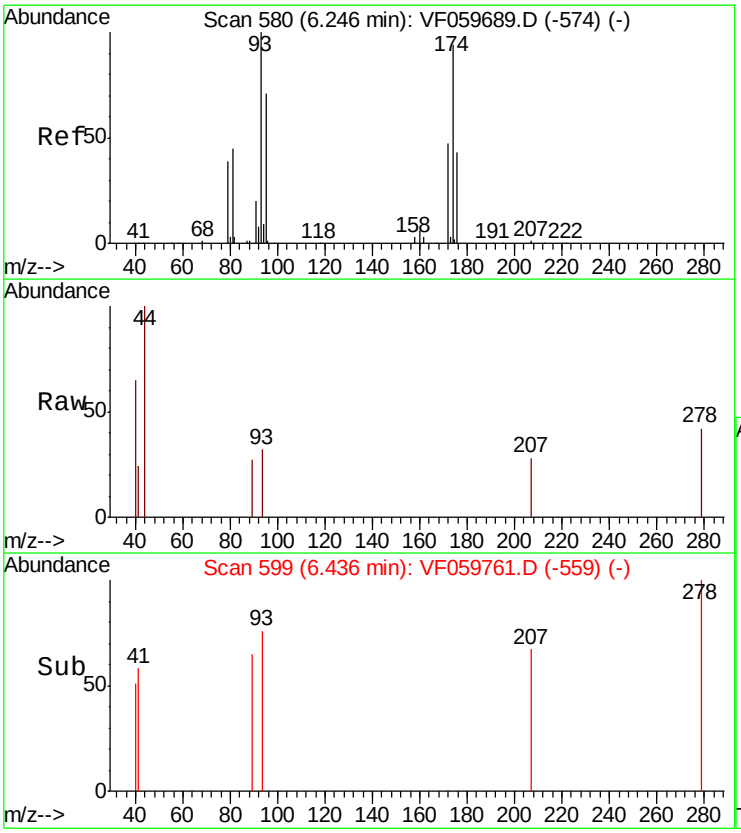
#45
1,2-Dichloropropane
Concen: 268.758 ug/l
RT: 6.76 min Scan# 632
Delta R.T. 0.37 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 63 Resp: 86

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.2	37.8#

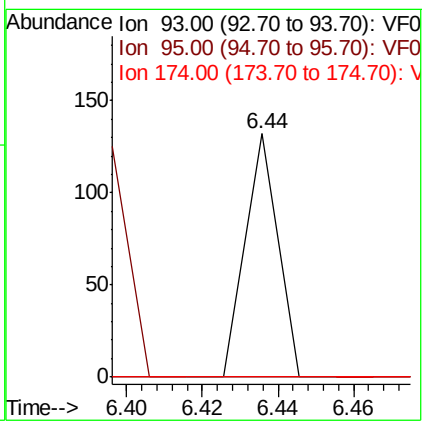


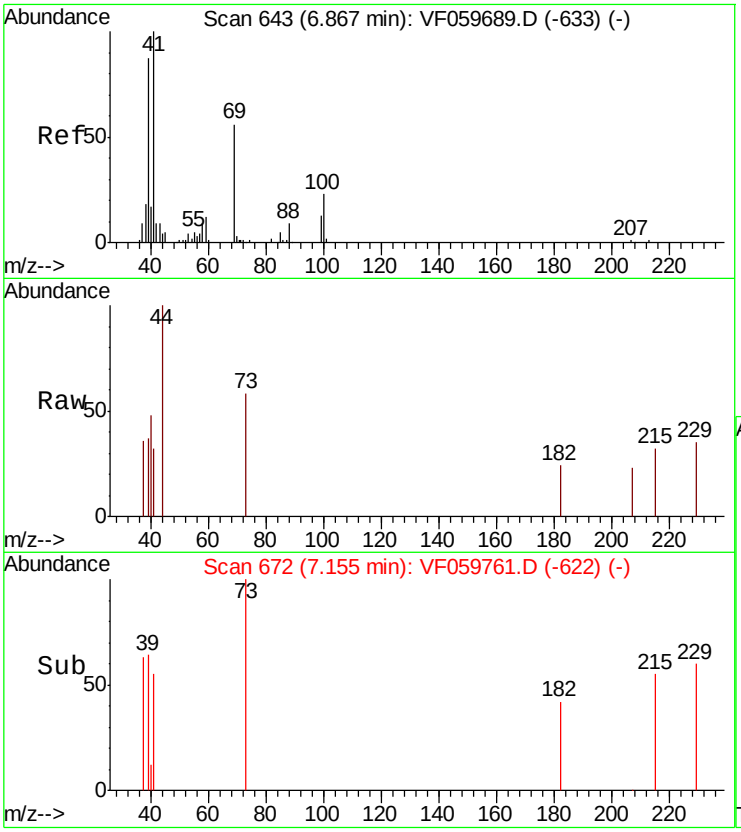


#46
Dibromomethane
Concen: 256.747 ug/l
RT: 6.44 min Scan# 599
Delta R.T. 0.19 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 93 Resp: 78

Ion	Ratio	Lower	Upper
93	100		
95	0.0	57.1	85.7#
174	0.0	74.8	112.2#



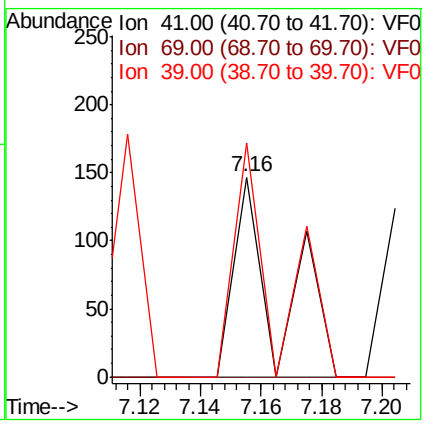


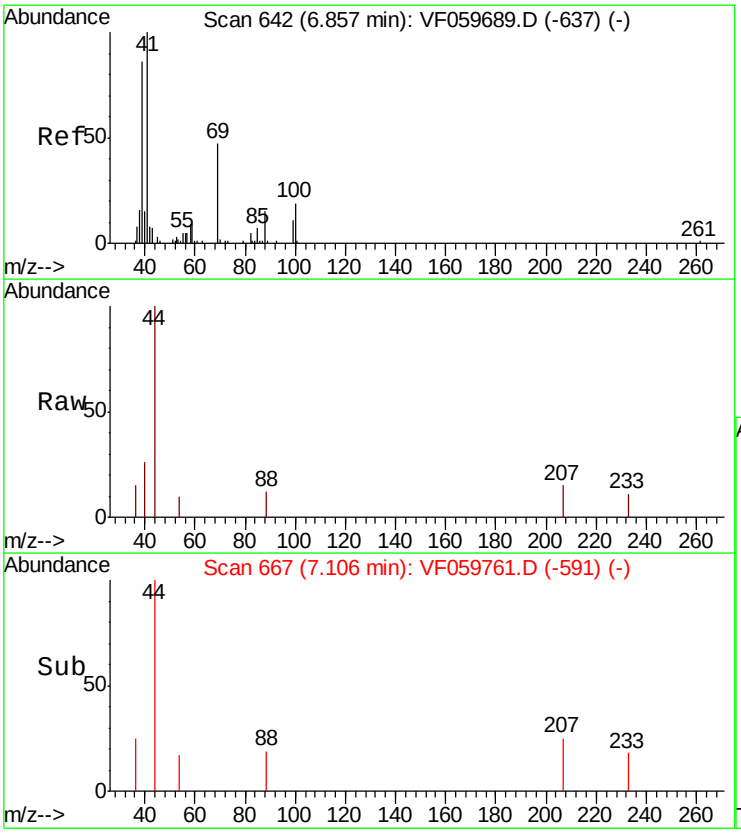
#48
Methyl methacrylate
Concen: 555.847 ug/l
RT: 7.16 min Scan# 672
Delta R.T. 0.29 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 41 Resp: 150

Ion	Ratio	Lower	Upper
41	100		
69	0.0	44.4	66.6#
39	117.0	69.4	104.2#

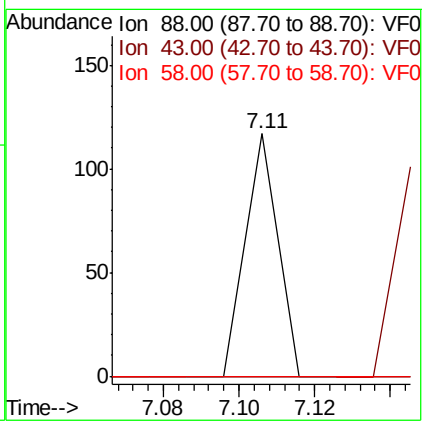


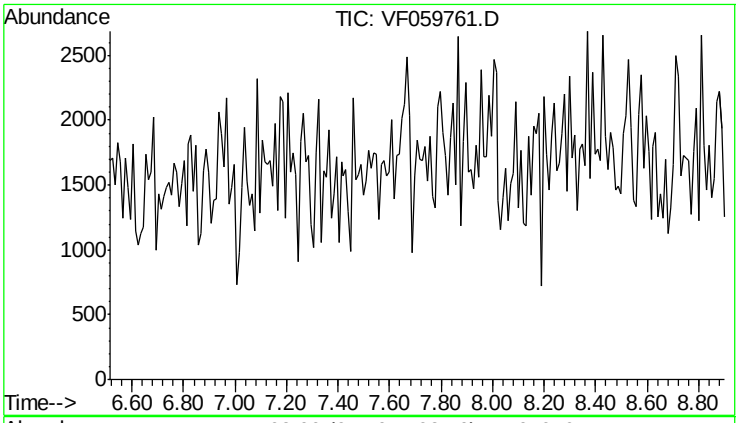


#49
1,4-Dioxane
Concen: 14039.117 ug/l
RT: 7.11 min Scan# 667
Delta R.T. 0.25 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
43	0.0	45.2	67.8#
58	0.0	49.0	73.6#





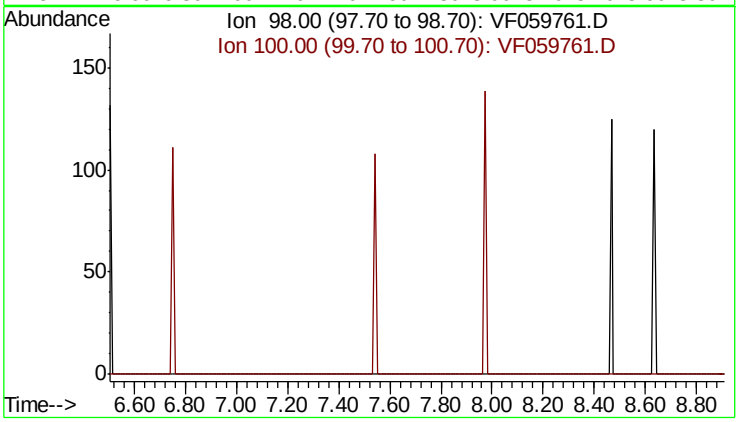
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.71 min

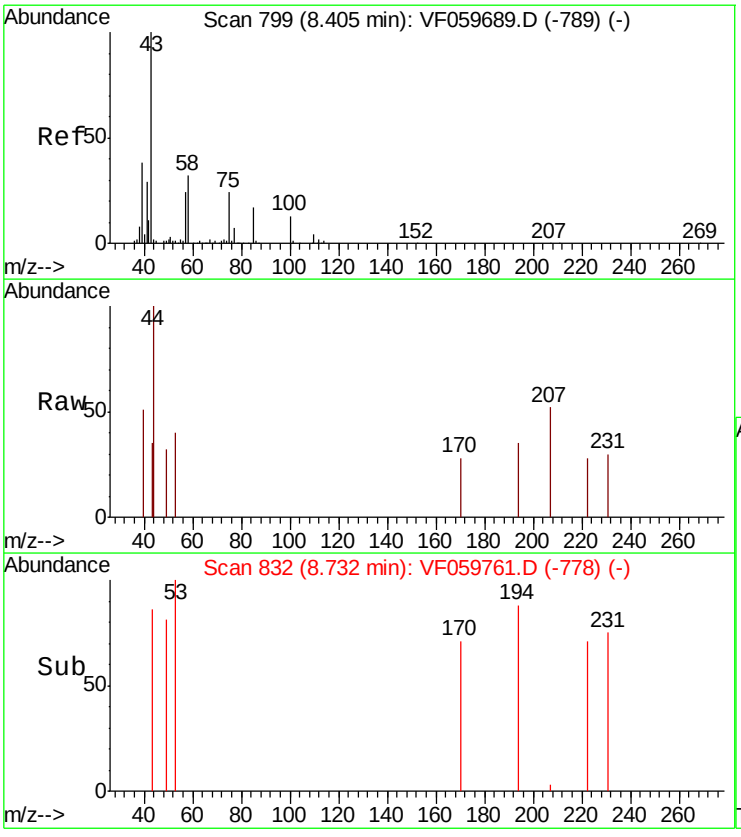
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	66.0

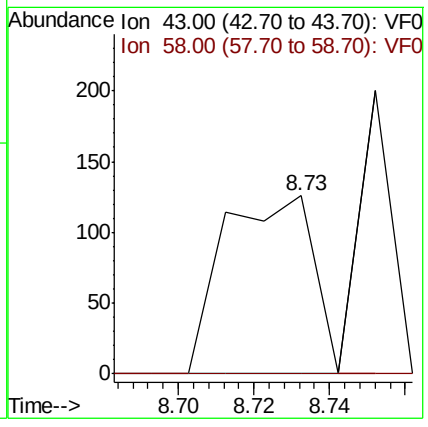


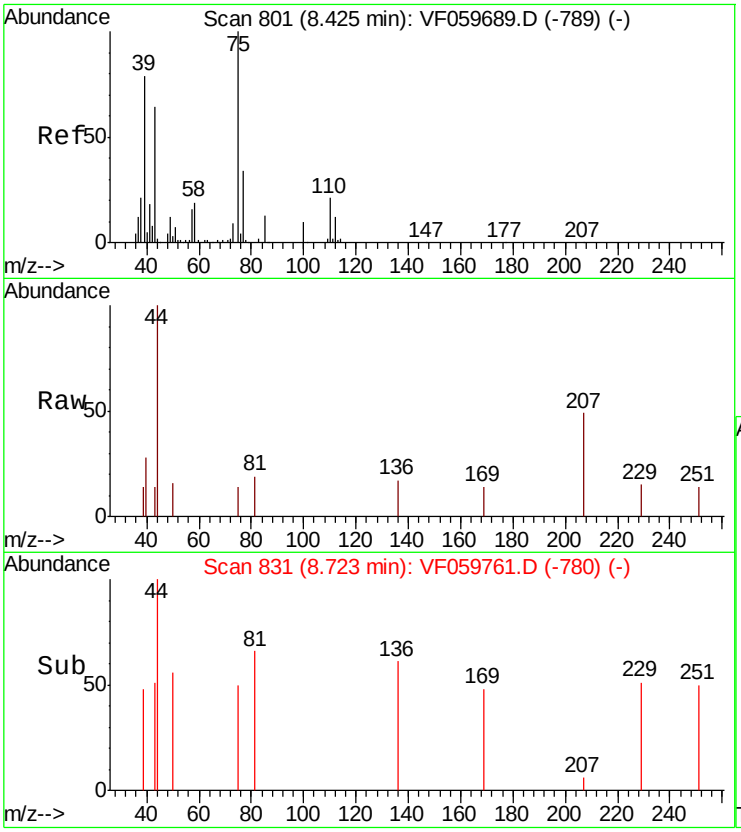


#51
4-Methyl-2-Pentanone
Concen: 754.807 ug/l
RT: 8.73 min Scan# 832
Delta R.T. 0.33 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 43 Resp: 206

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	38.9#



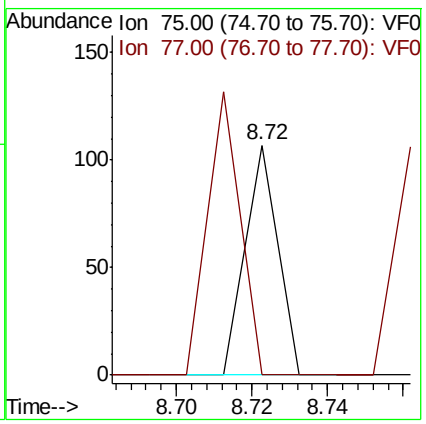


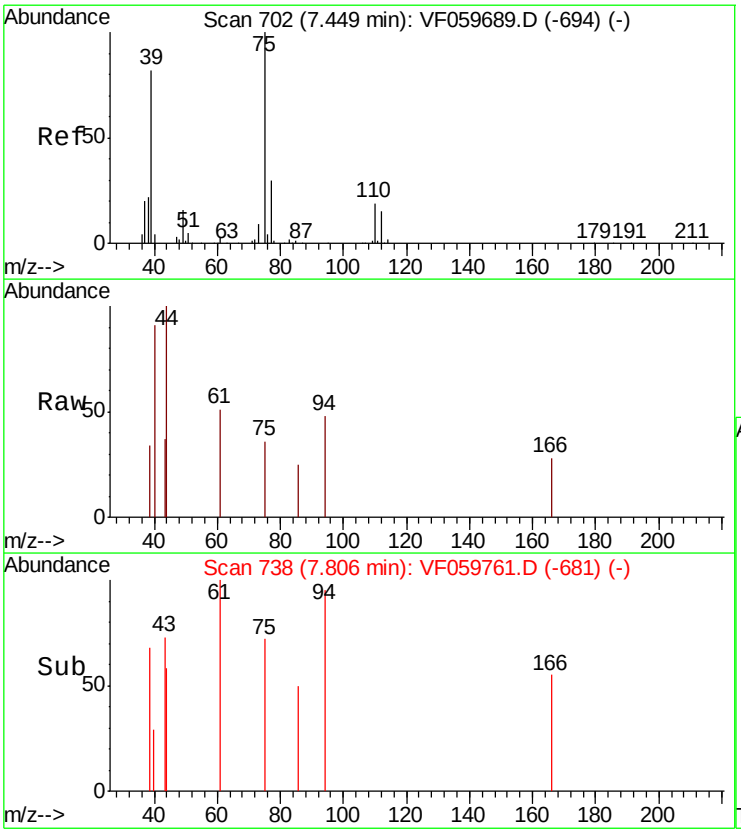
#53
t-1,3-Dichloropropene
Concen: 87.761 ug/l
RT: 8.72 min Scan# 831
Delta R.T. 0.30 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 75 Resp: 63

Ion	Ratio	Lower	Upper
75	100		
77	0.0	27.0	40.4#

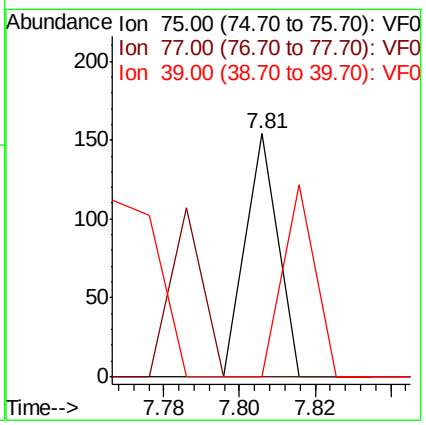


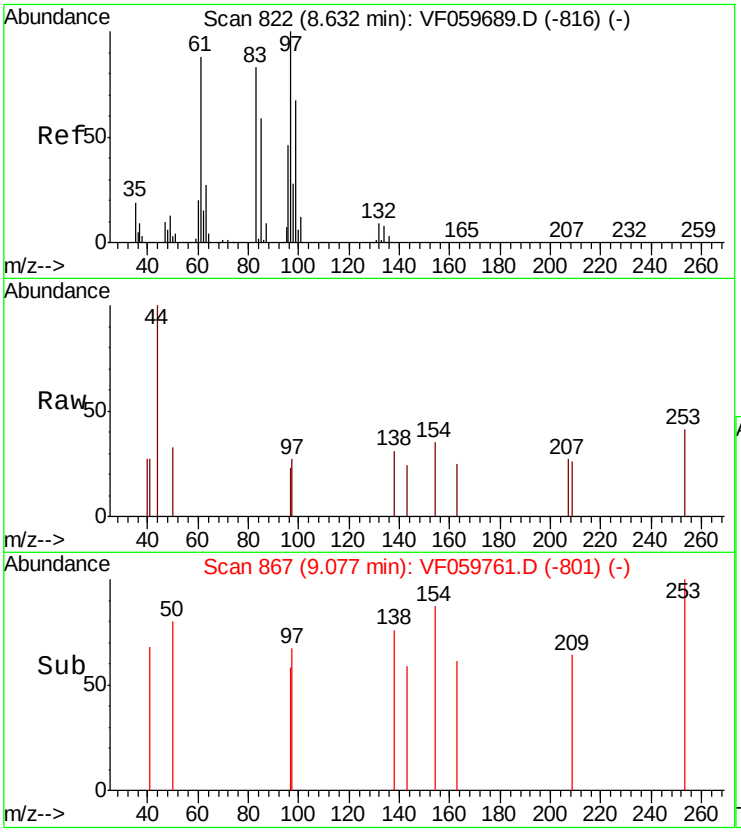


#54
cis-1,3-Dichloropropene
Concen: 130.875 ug/l
RT: 7.81 min Scan# 738
Delta R.T. 0.36 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 75 Resp: 91

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.0	36.0#
39	0.0	65.4	98.2#



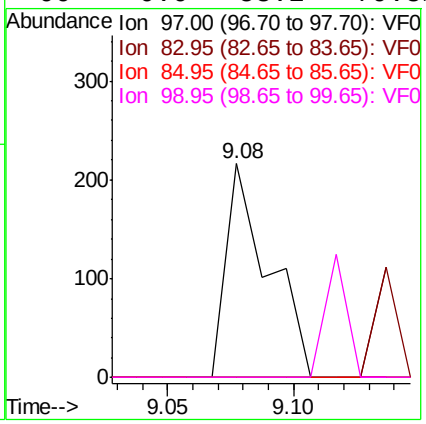


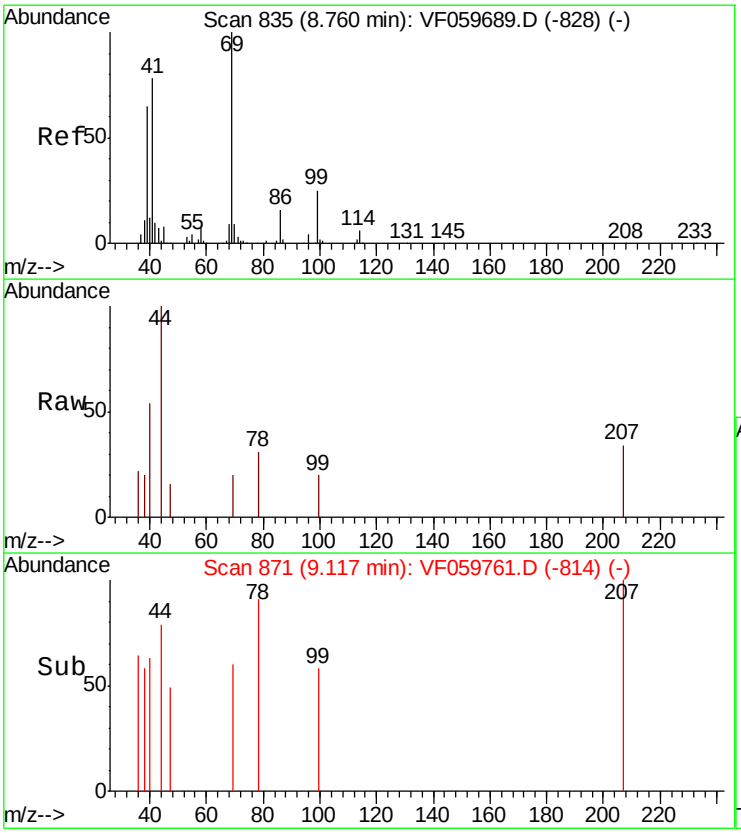
#55
1,1,2-Trichloroethane
Concen: 770.959 ug/l
RT: 9.08 min Scan# 867
Delta R.T. 0.45 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 97 Resp: 253

Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.6	100.0#
85	0.0	47.4	71.0#
99	0.0	53.2	79.8#

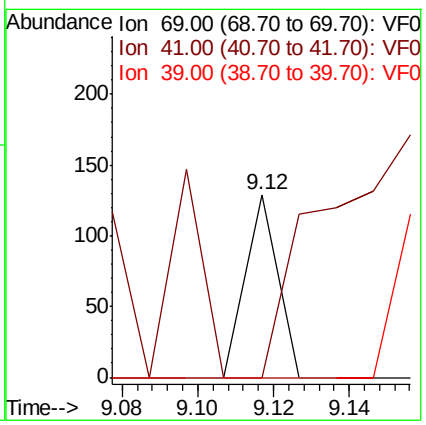


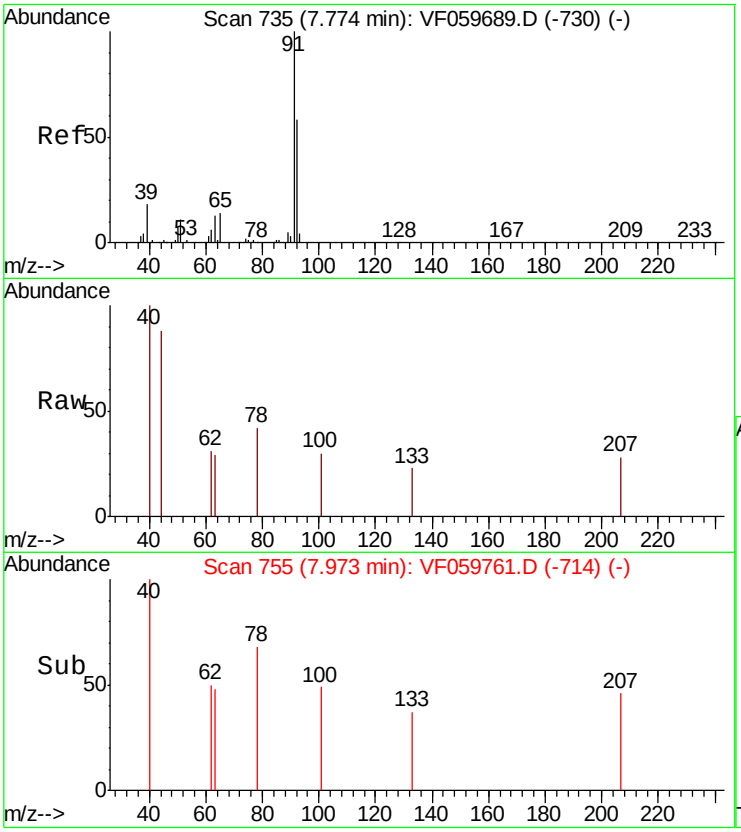


#56
Ethyl methacrylate
Concen: 222.071 ug/l
RT: 9.12 min Scan# 871
Delta R.T. 0.36 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 69 Resp: 76

Ion	Ratio	Lower	Upper
69	100		
41	0.0	62.3	93.5#
39	0.0	52.4	78.6#



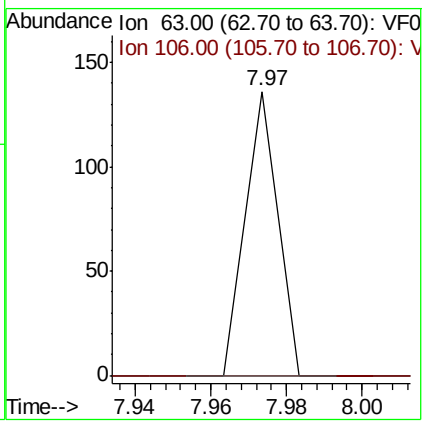


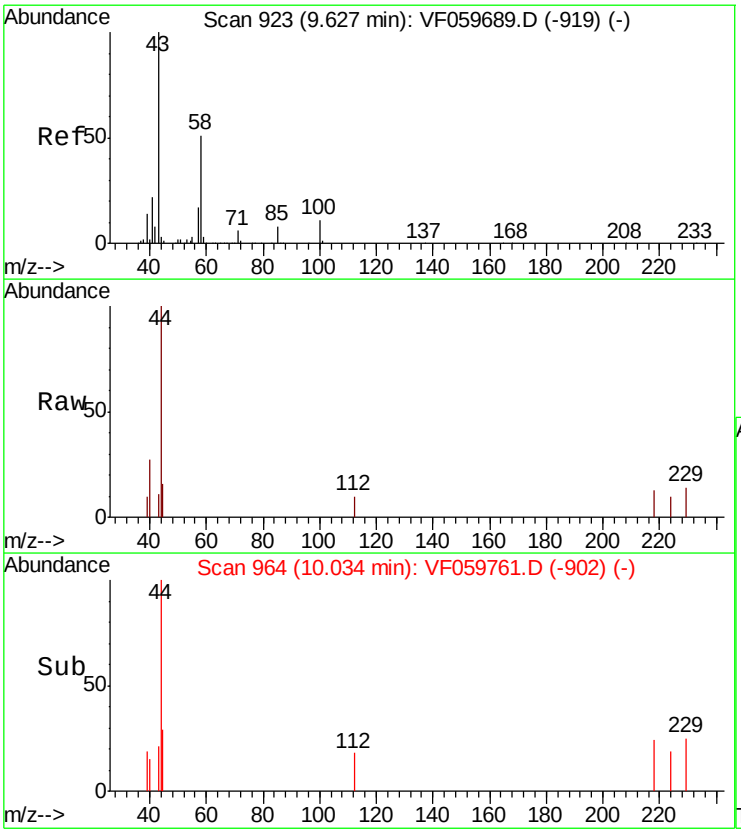
#58
2-Chloroethyl Vinyl ether
Concen: 2024.618 ug/l
RT: 7.97 min Scan# 755
Delta R.T. 0.20 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 63 Resp: 80

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

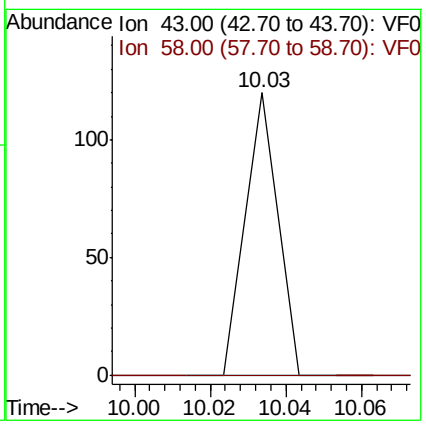


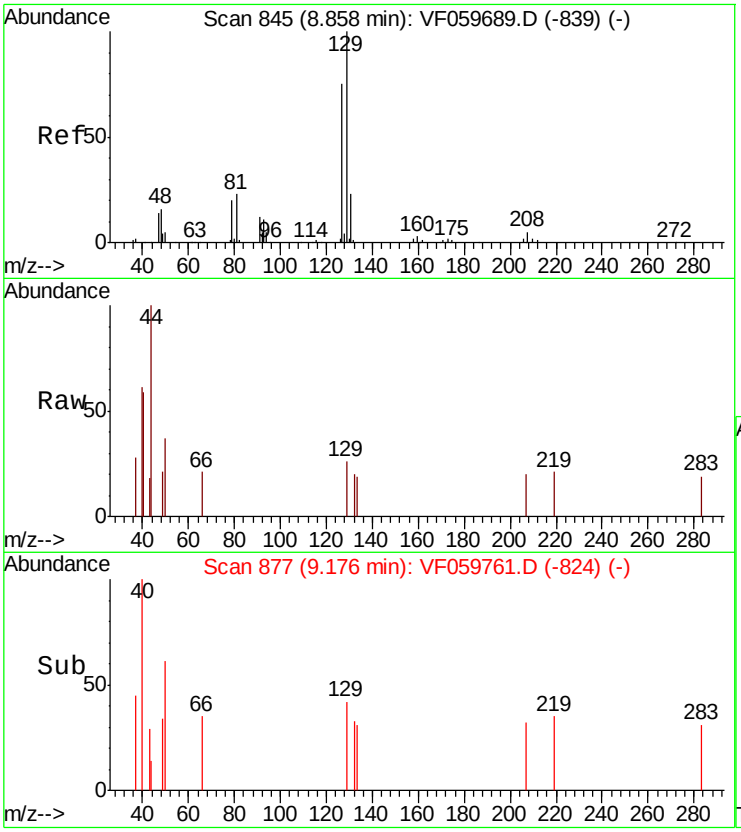


#59
2-Hexanone
Concen: 324.640 ug/l
RT: 10.03 min Scan# 964
Delta R.T. 0.41 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 43 Resp: 71

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.8#



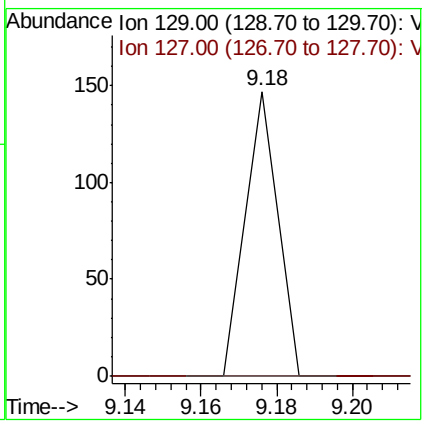


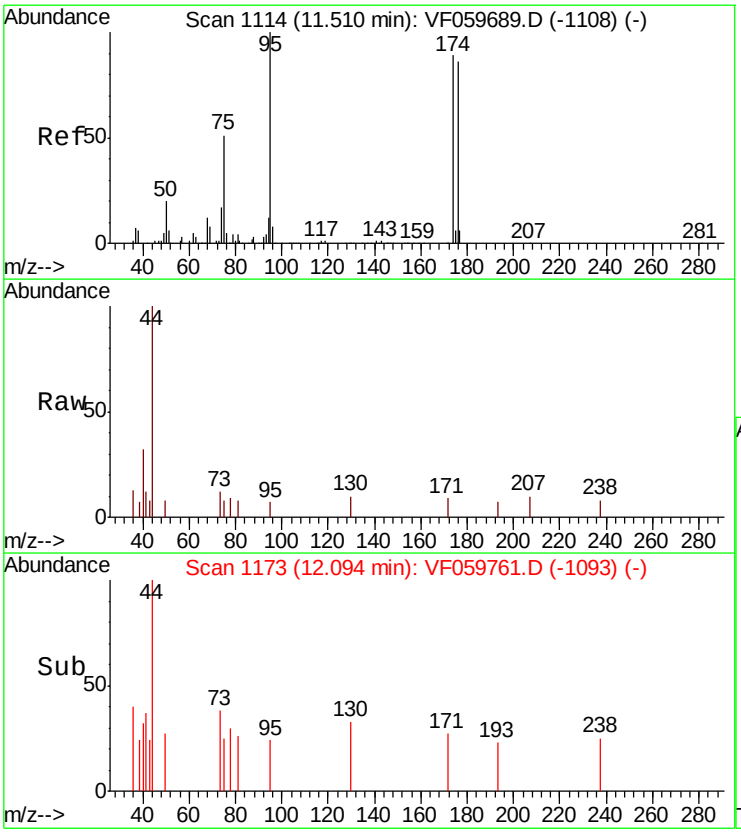
#60
Dibromochloromethane
Concen: 150.244 ug/l
RT: 9.18 min Scan# 877
Delta R.T. 0.32 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion:129 Resp: 87

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.7	113.1#

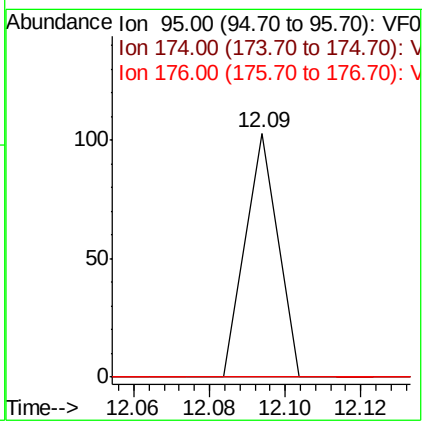


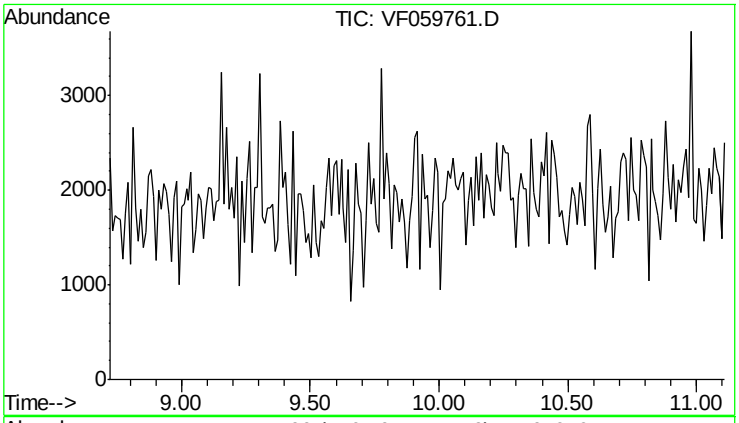


#62
4-Bromofluorobenzene
Concen: 75.821 ug/l
RT: 12.09 min Scan# 1173
Delta R.T. 0.58 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 95 Resp: 61

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	178.4
176	0.0	0.0	173.0





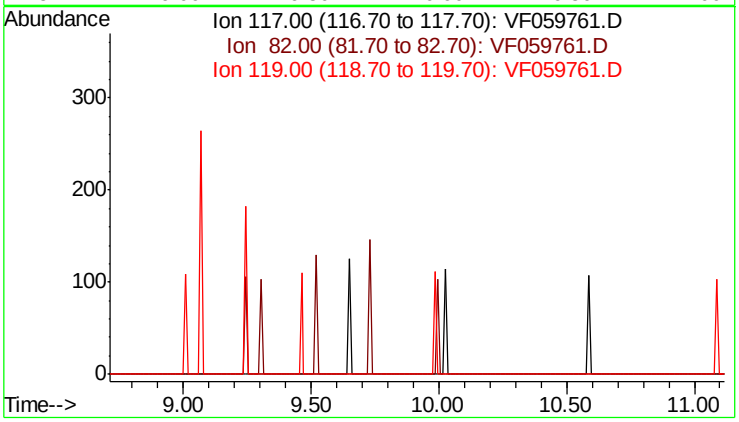
#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 9.91 min

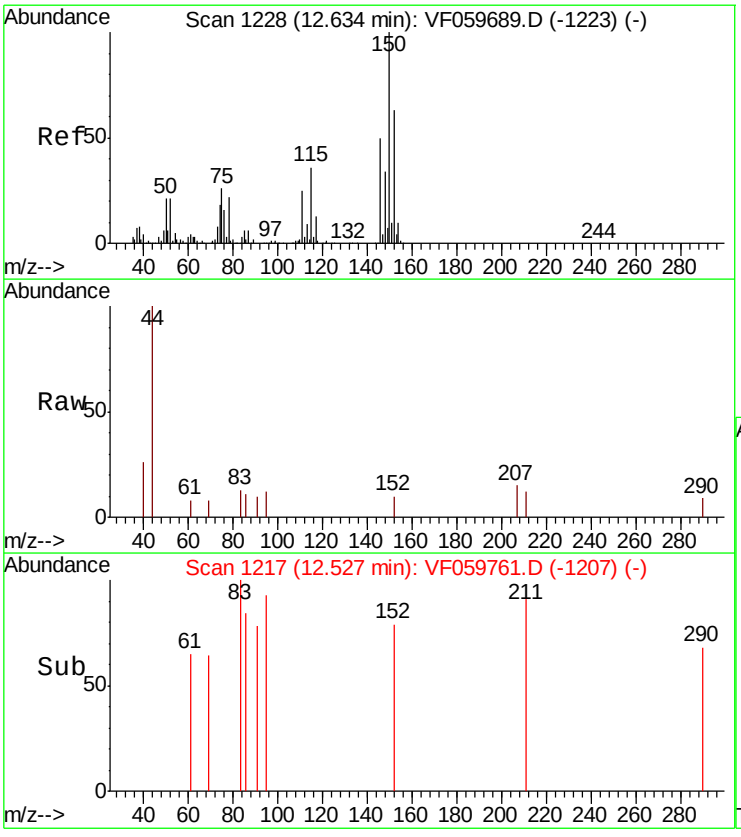
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	61.2
119	34.1

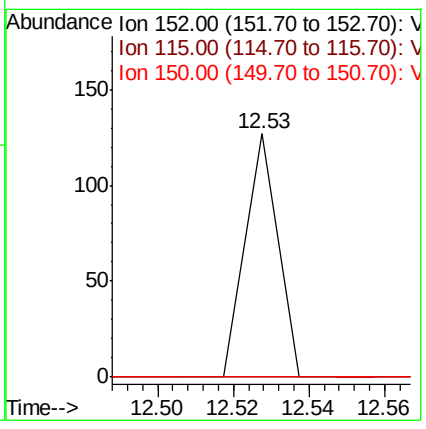


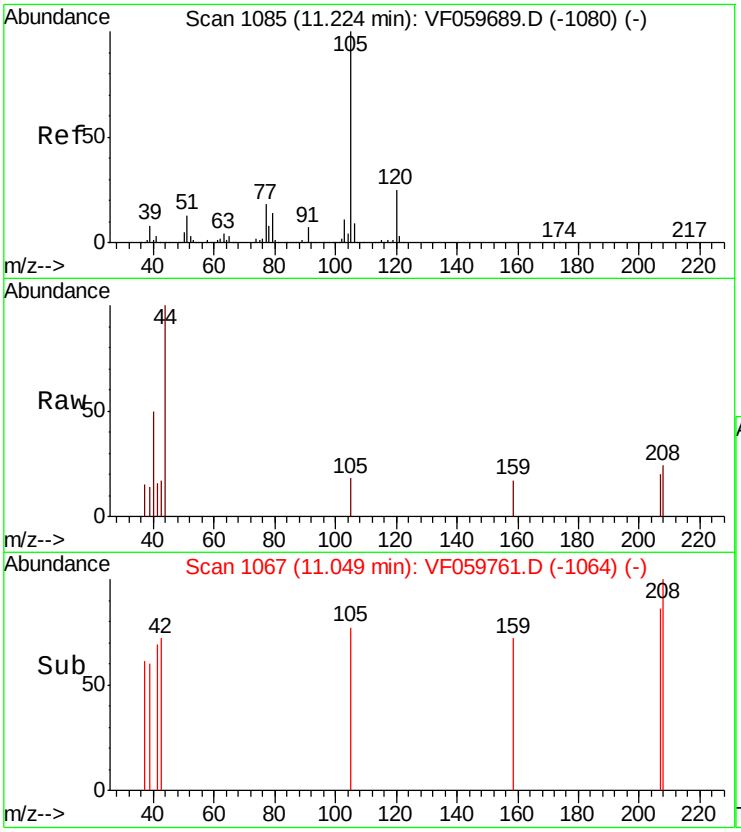


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1217
Delta R.T. -0.11 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion:152 Resp: 75

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.2	84.6#
150	0.0	0.0	316.2



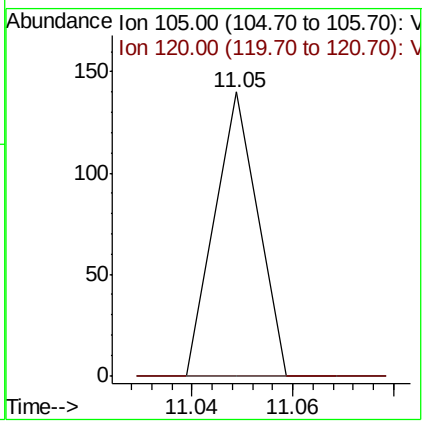


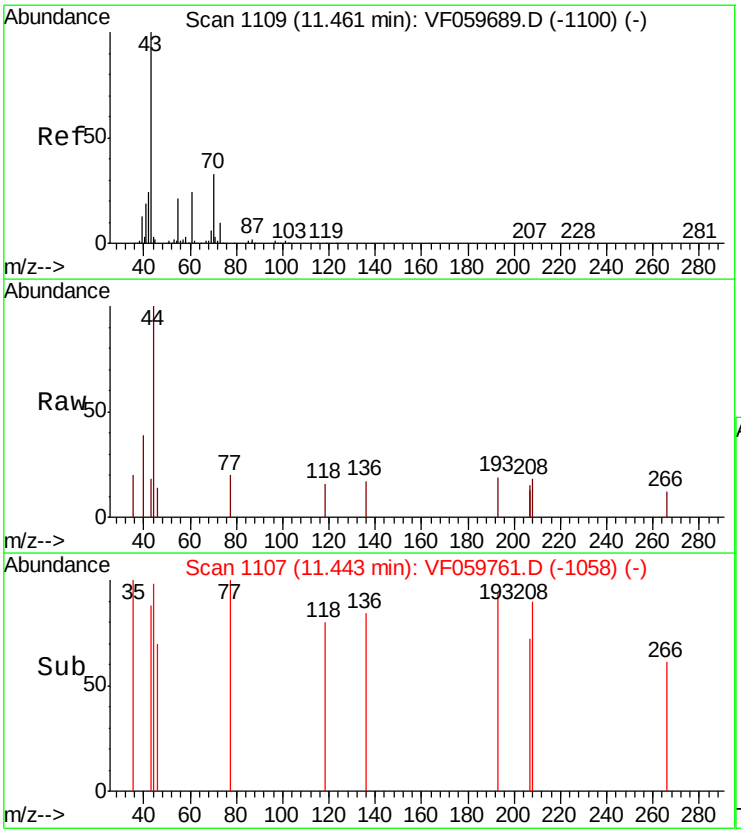
#73
Isopropylbenzene
Concen: 16.866 ug/l
RT: 11.05 min Scan# 1067
Delta R.T. -0.18 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion:105 Resp: 83

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.4	37.4#

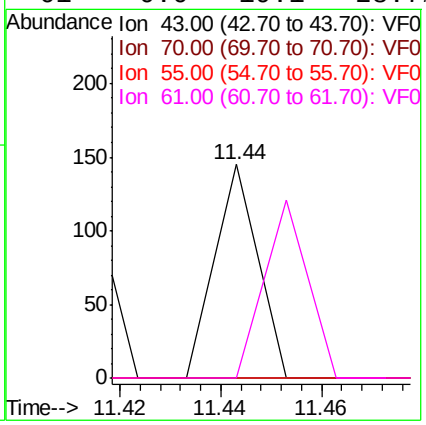


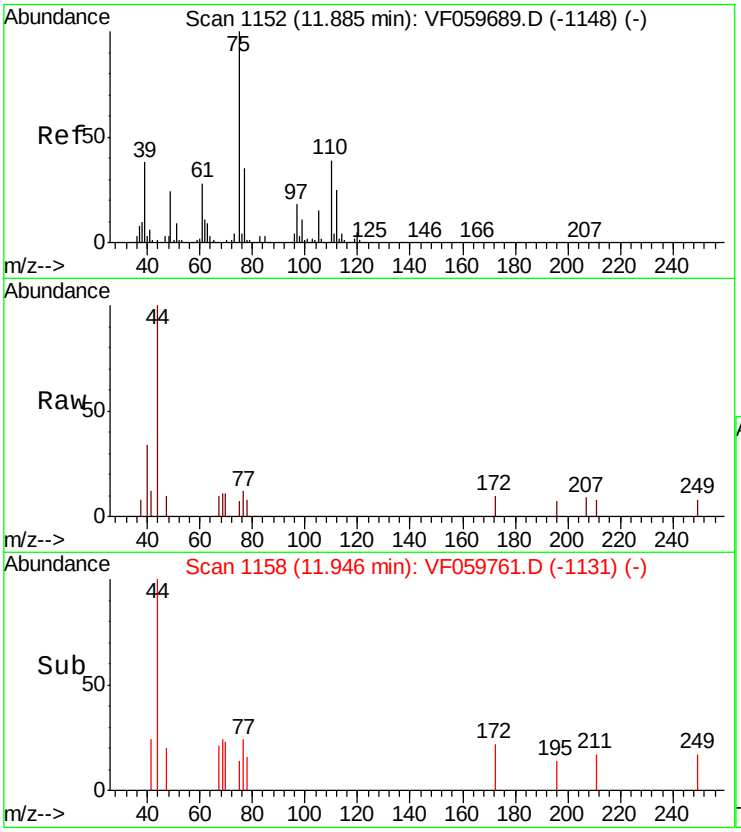


#74
N-amyl acetate
Concen: 69.269 ug/l
RT: 11.44 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 43 Resp: 86

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.3	39.5#
55	0.0	16.6	25.0#
61	0.0	19.1	28.7#



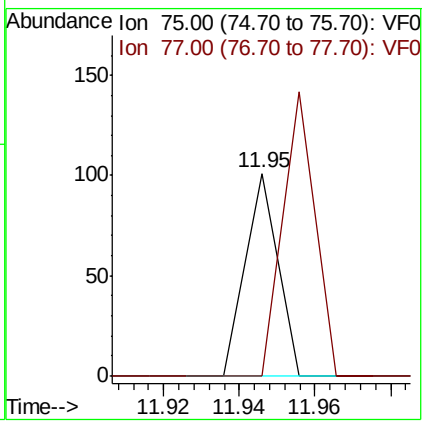


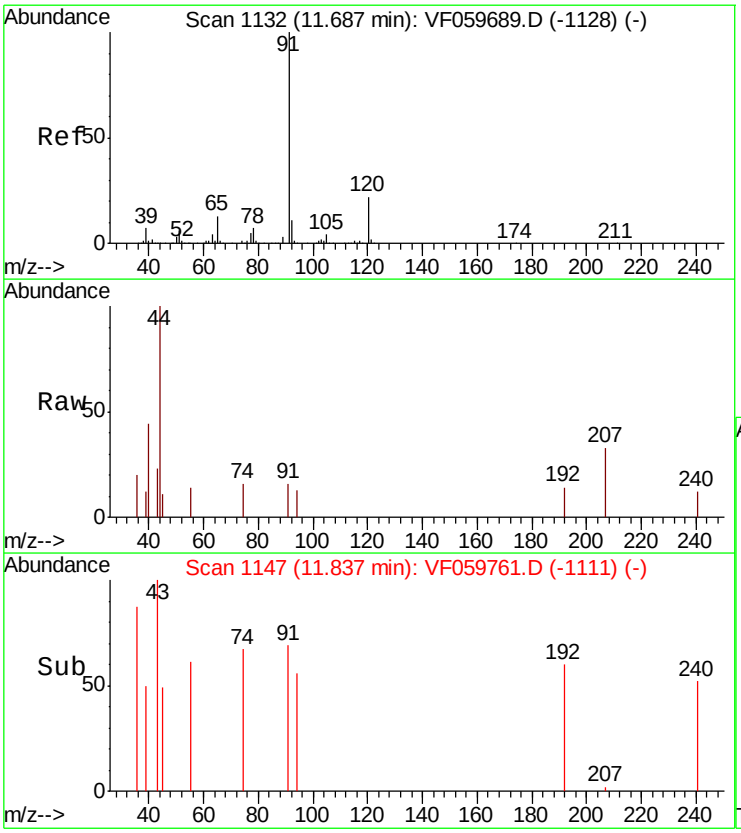
#76
1,2,3-Trichloropropane
Concen: 76.170 ug/l
RT: 11.95 min Scan# 1158
Delta R.T. 0.06 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 75 Resp: 60

Ion	Ratio	Lower	Upper
75	100		
77	0.0	18.0	54.0#

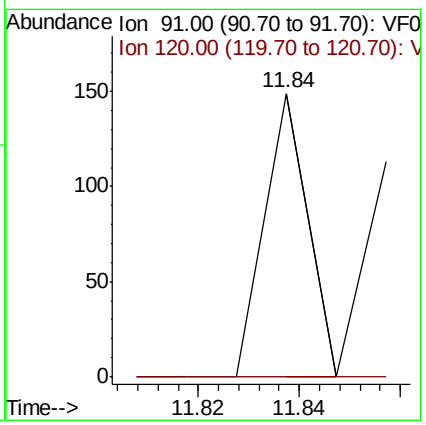


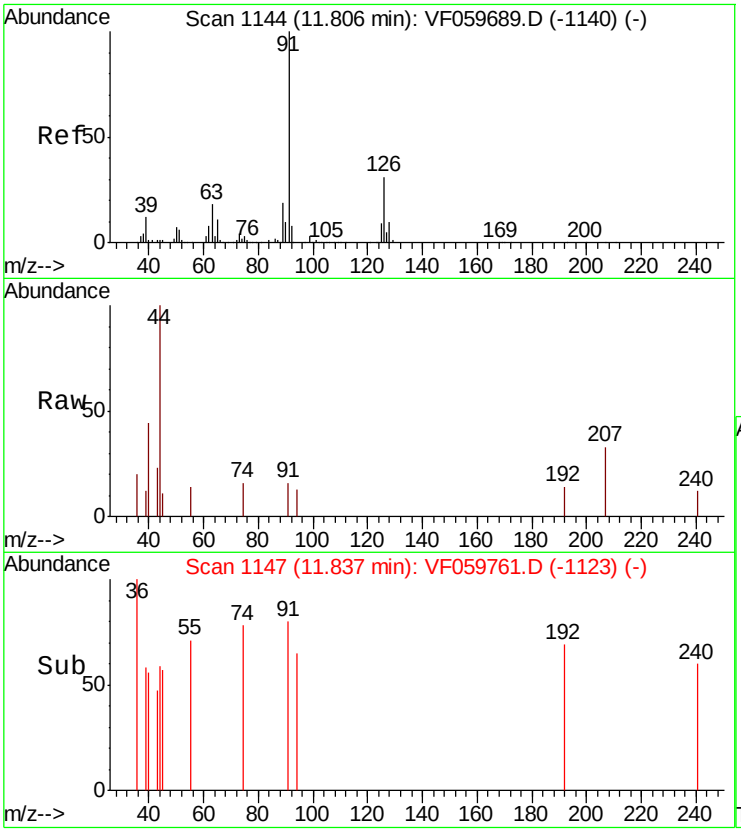


#78
n-propylbenzene
Concen: 13.820 ug/l
RT: 11.84 min Scan# 1147
Delta R.T. 0.15 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 91 Resp: 88

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.0	33.0#



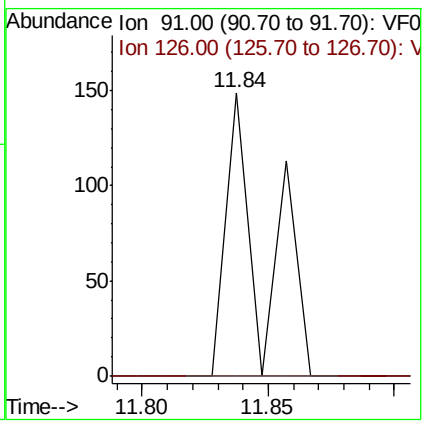


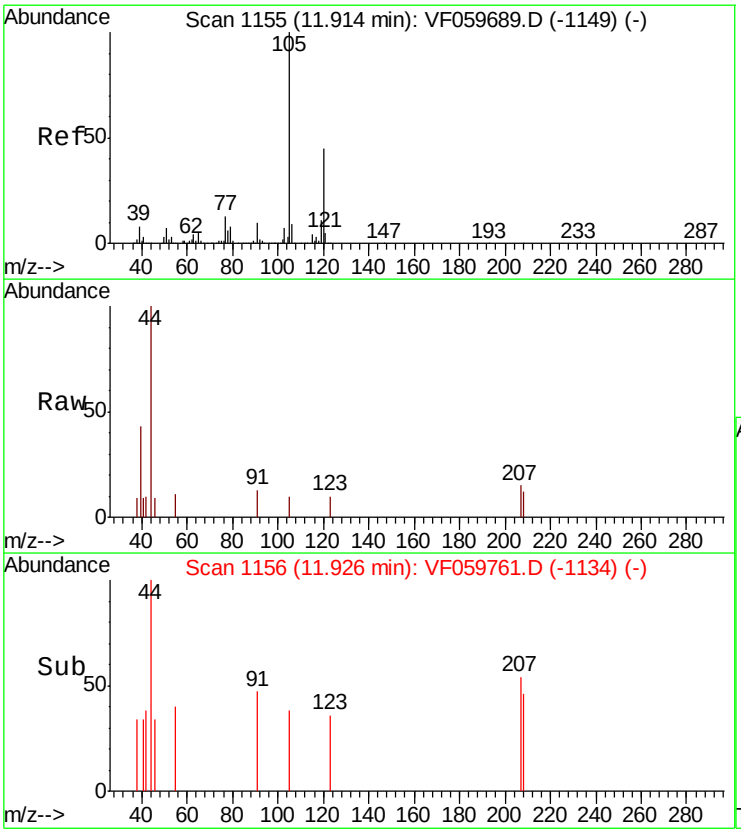
#79
2-Chlorotoluene
Concen: 48.712 ug/l
RT: 11.84 min Scan# 1147
Delta R.T. 0.03 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 91 Resp: 155

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.4	46.2#

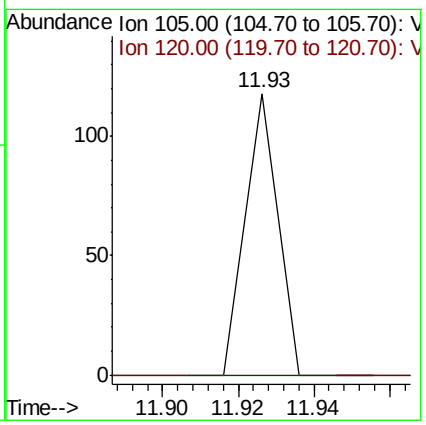


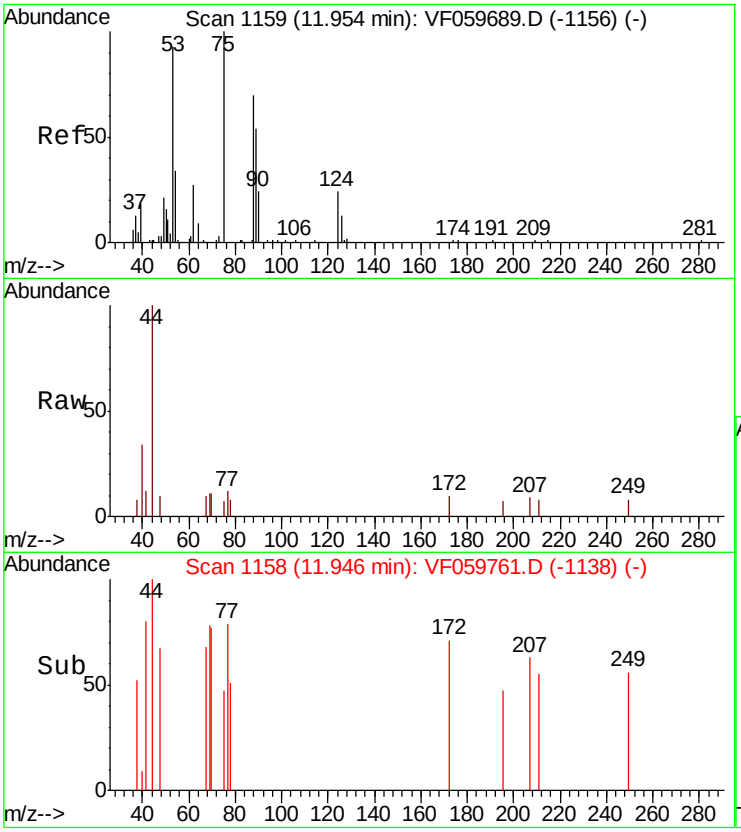


#80
1,3,5-Trimethylbenzene
Concen: 14.522 ug/l
RT: 11.93 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion:105 Resp: 70

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	68.0#



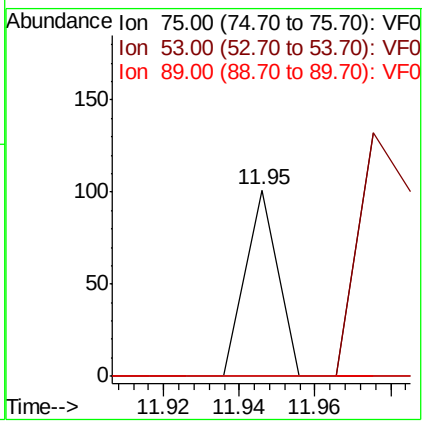


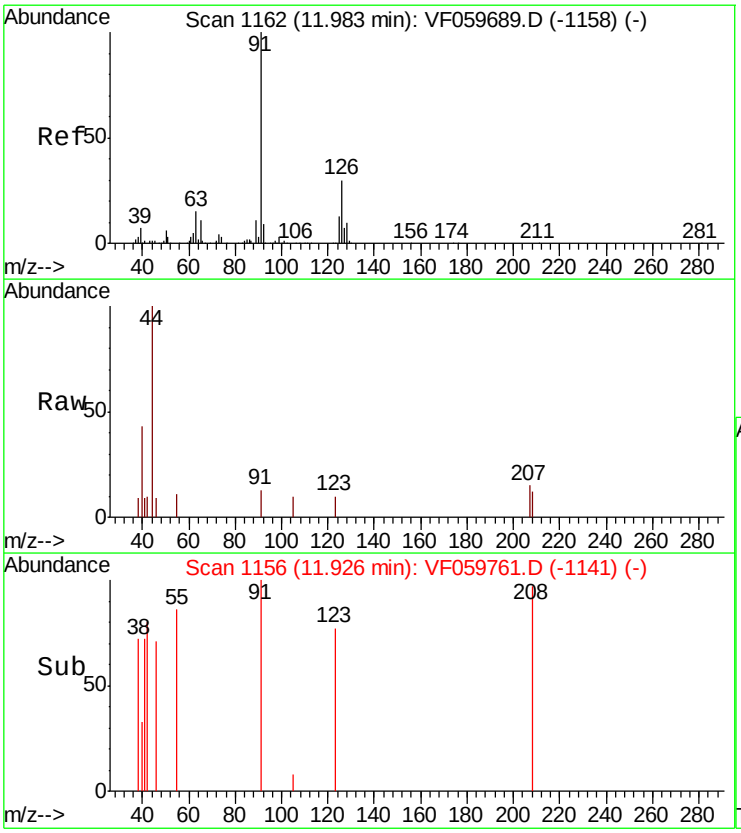
#81
trans-1,4-Dichloro-2-butene
Concen: 183.926 ug/l
RT: 11.95 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 75 Resp: 60

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.3	117.5#
89	0.0	45.4	68.2#

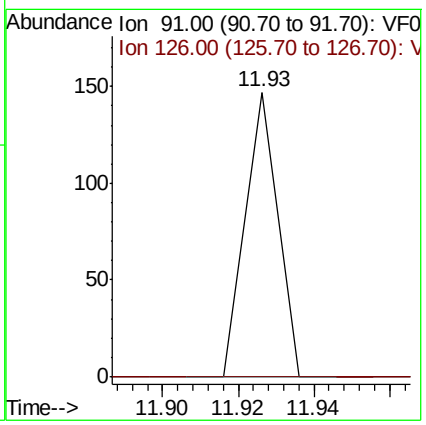


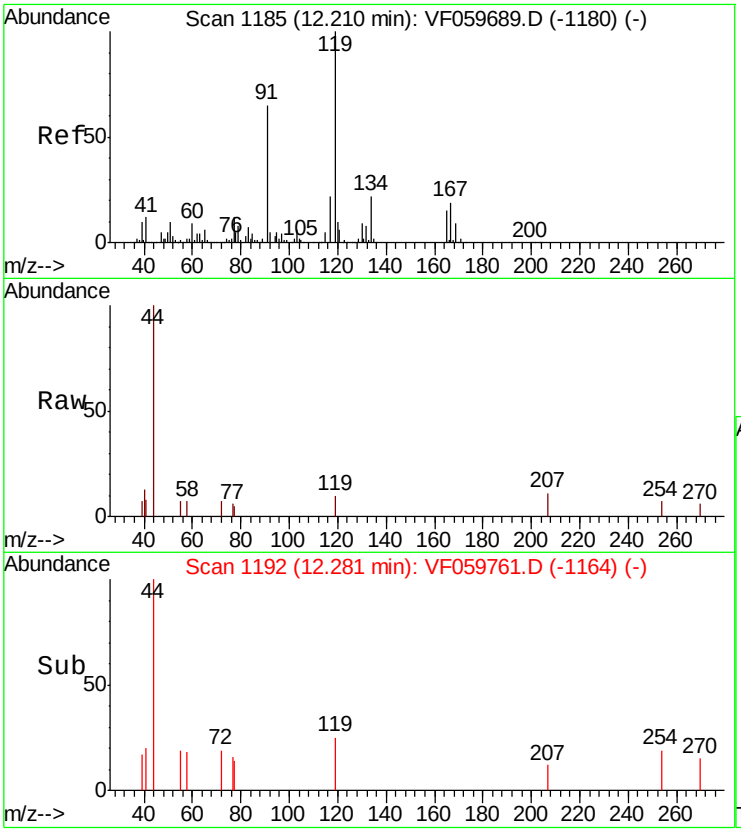


#82
4-Chlorotoluene
Concen: 23.531 ug/l
RT: 11.93 min Scan# 1156
Delta R.T. -0.06 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 91 Resp: 87

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.2	45.6#



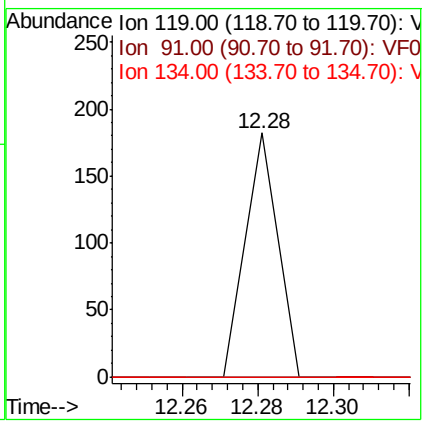


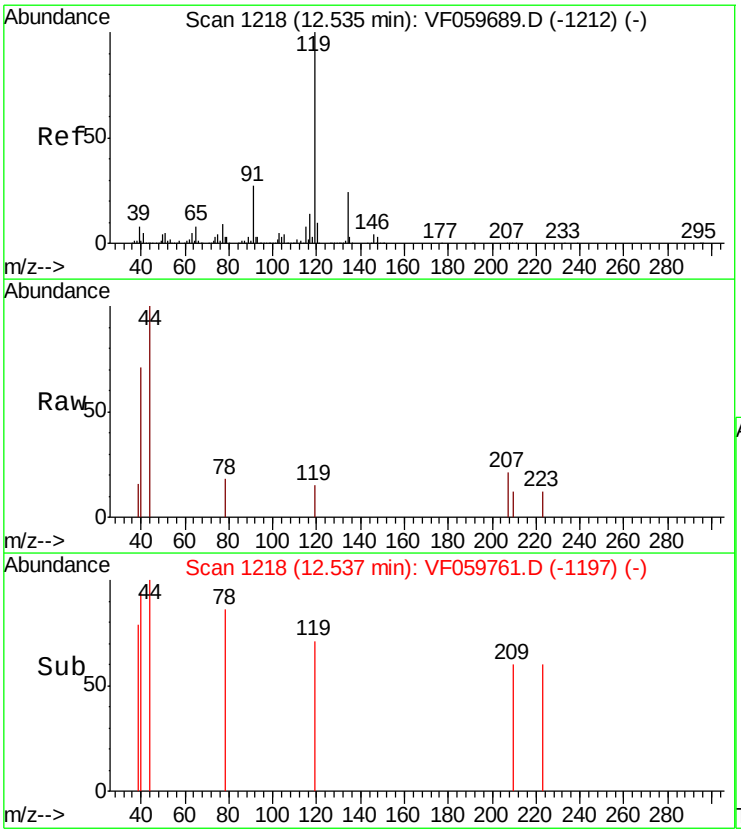
#83
tert-Butylbenzene
Concen: 24.447 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. 0.07 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion:119 Resp: 108

Ion	Ratio	Lower	Upper
119	100		
91	0.0	32.8	98.4#
134	0.0	10.9	32.7#

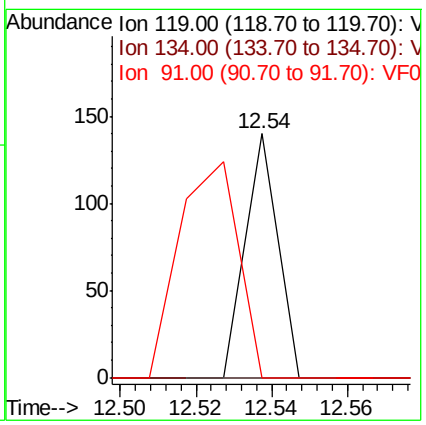


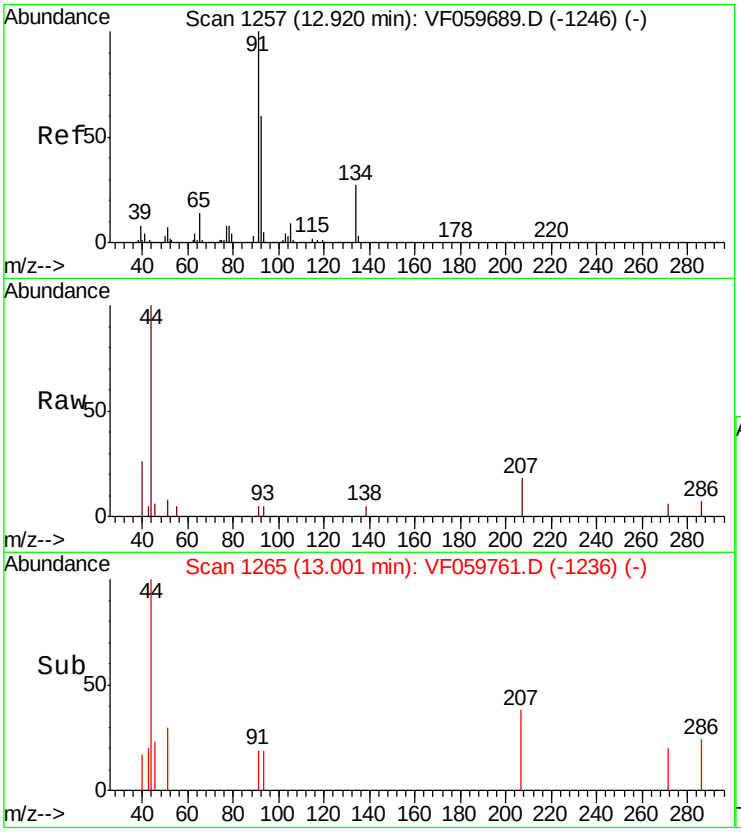


#86
p-Isopropyltoluene
Concen: 15.029 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion:119 Resp: 83

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



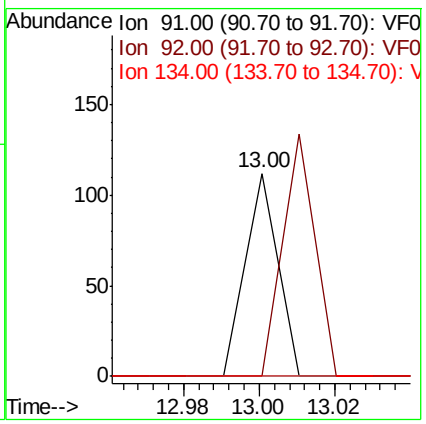


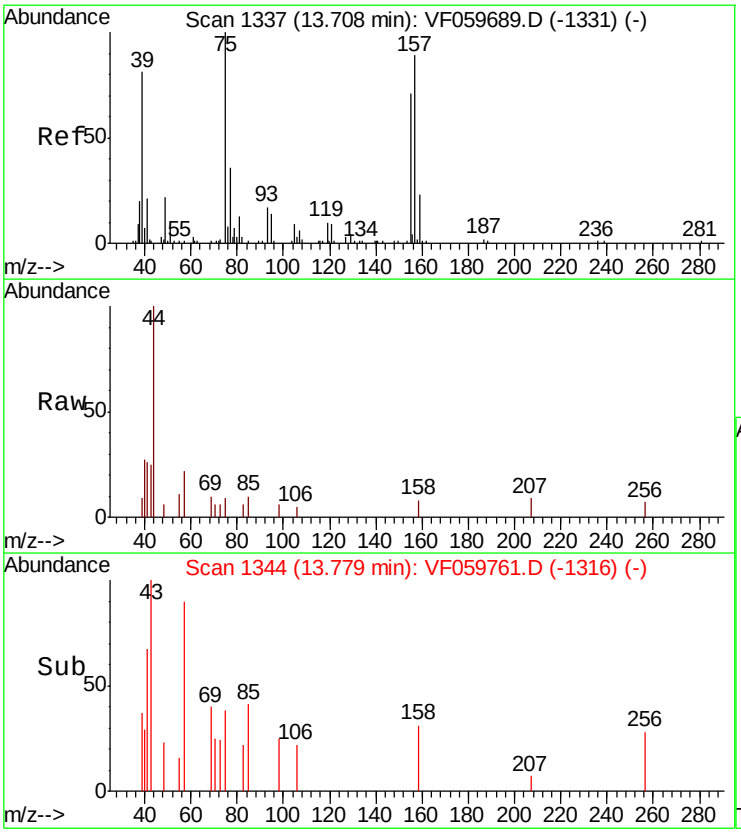
#89
n-Butylbenzene
Concen: 11.438 ug/l
RT: 13.00 min Scan# 1265
Delta R.T. 0.08 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion: 91 Resp: 66

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

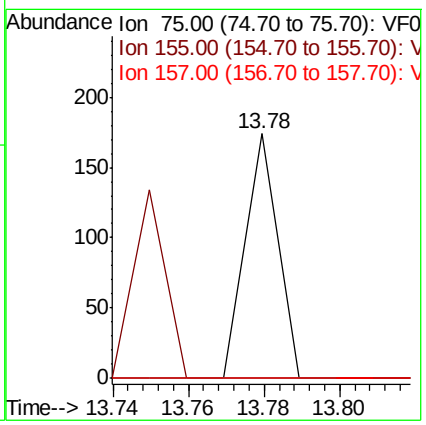


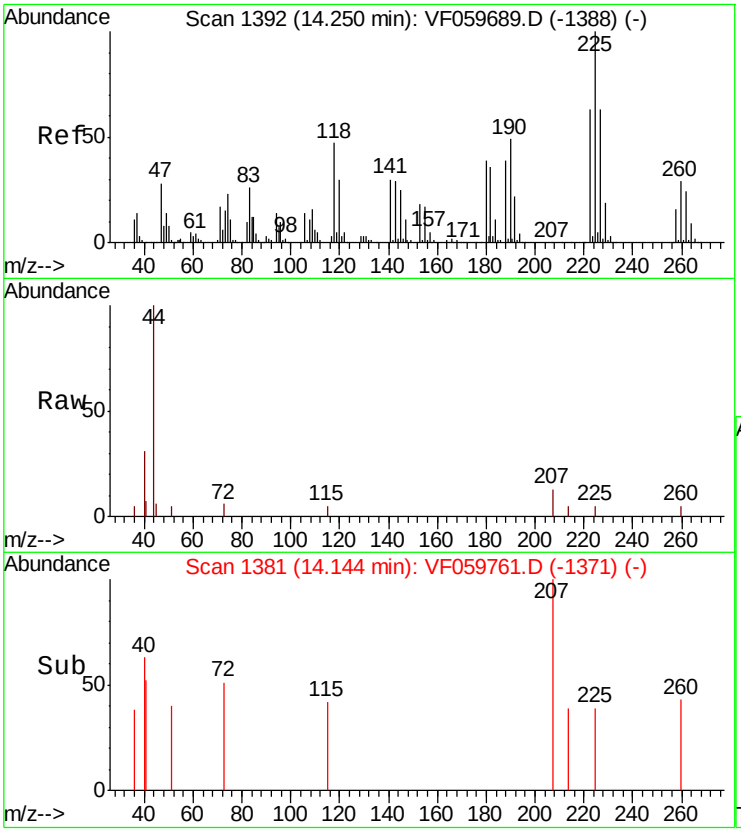


#92
1,2-Dibromo-3-Chloropropane
Concen: 454.837 ug/l
RT: 13.78 min Scan# 1344
Delta R.T. 0.07 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion: 75 Resp: 103

Ion	Ratio	Lower	Upper
75	100		
155	0.0	35.4	106.2#
157	0.0	44.4	133.2#



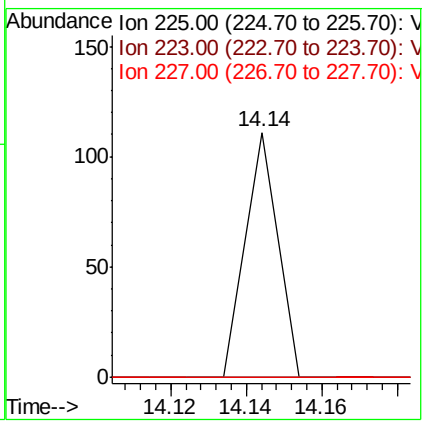


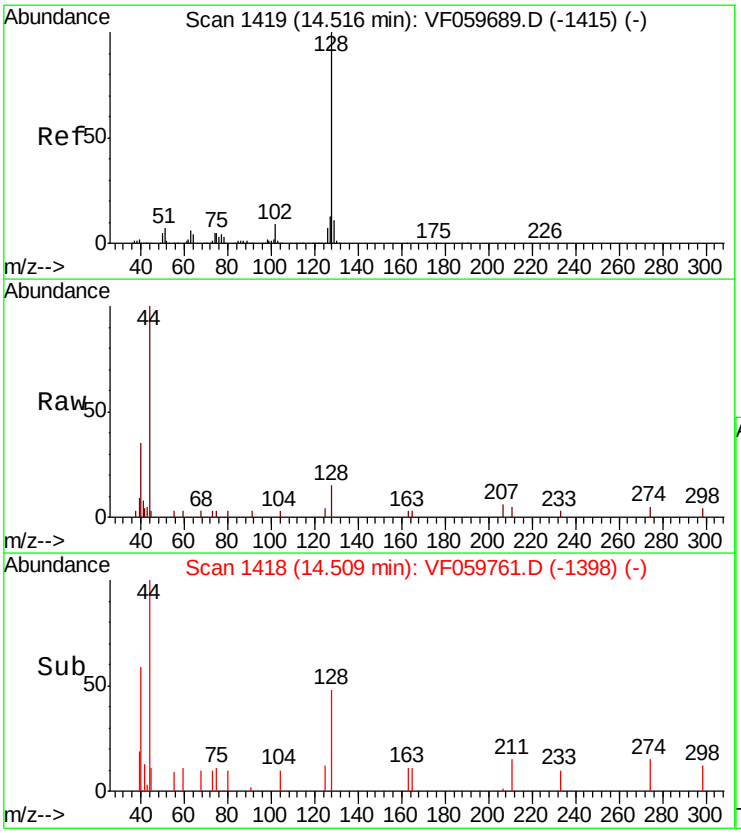
#94
Hexachlorobutadiene
Concen: 53.651 ug/l
RT: 14.14 min Scan# 1381
Delta R.T. -0.11 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion:225 Resp: 66

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.4	94.2#
227	0.0	31.5	94.5#





#95
Naphthalene
Concen: 412.854 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VF059761.D
Acq: 1 Aug 2018 17:55

Tgt Ion:128 Resp: 1335

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