Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021820\
Data File : VY001675.D
Acq On : 18 Feb 2020 16:49
Operator : SY/MD
Sample : L1547-04
Misc : 5.79G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : MARCY-GREEN-BH-01-A

Quant Time: Feb 19 06:47:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	6251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	13130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	11849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	5224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	4945	73.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 147.08%			
35) Dibromofluoromethane	7.75	113	3763	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.08%			
50) Toluene-d8	10.20	98	14886	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.06%			
62) 4-Bromofluorobenzene	12.50	95	5159	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.14%			
Target Compounds						Qvalue
3) Chloromethane	2.13	50	136	1.659	ug/l #	62
5) Bromomethane	2.68	94	216	4.181	ug/l #	76
10) Methyl Iodide	4.14	142	206	2.531	ug/l #	43
16) Acetone	3.98	43	105	4.513	ug/l #	41
20) Methylene Chloride	4.76	84	168	2.033	ug/l #	72
25) 2-Butanone	7.02	43	76	2.405	ug/l #	48
29) Tetrahydrofuran	7.44	42	22	1.152	ug/l #	34
36) 1,1-Dichloropropene	7.82	75	581	4.633	ug/l #	42
37) Ethyl Acetate	7.02	43	76	1.015	ug/l #	68
38) Carbon Tetrachloride	7.82	117	781	7.090	ug/l #	13
59) 2-Hexanone	10.94	43	71	1.297	ug/l #	23
76) 1,2,3-Trichloropropane	12.49	75	2746	45.823	ug/l #	100
77) Bromobenzene	12.59	156	458	5.309	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.49	75	2746	86.934	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.55	75	29	2.068	ug/l #	5
95) Naphthalene	15.25	128	369	1.564	ug/l #	70

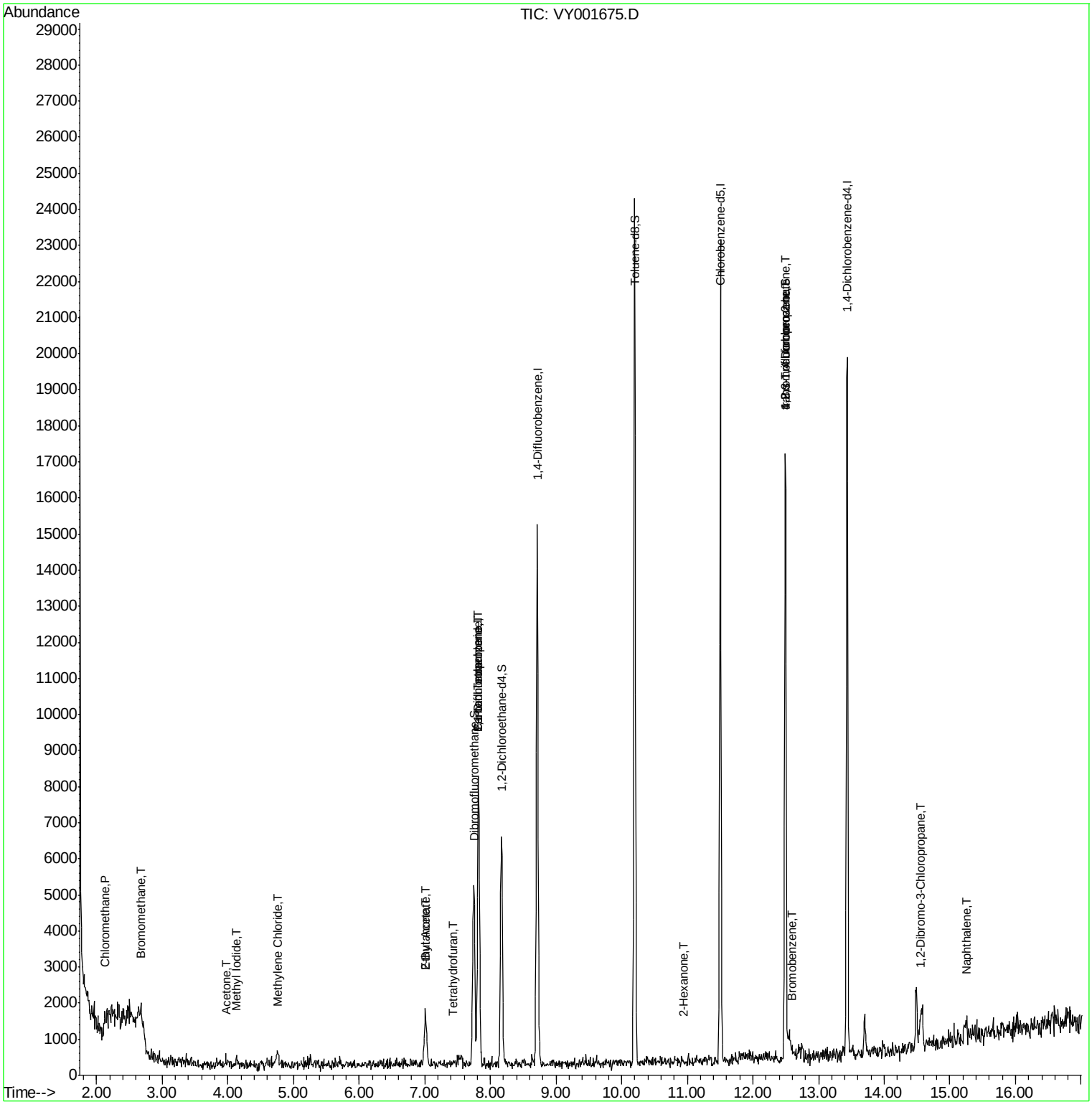
(#) = qualifier out of range (m) = manual integration (+) = signals summed

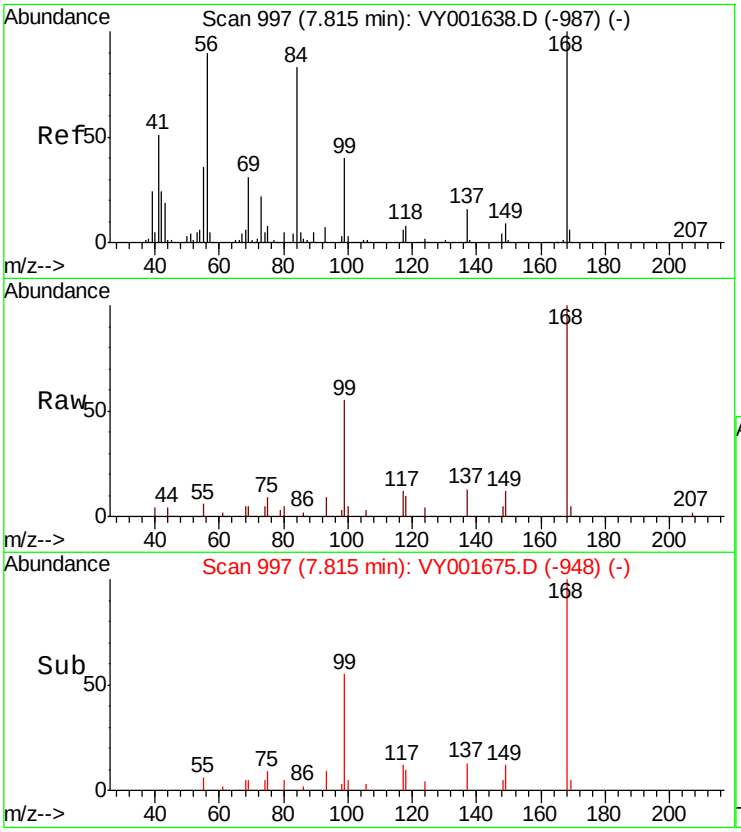
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021820\
Data File : VY001675.D
Acq On : 18 Feb 2020 16:49
Operator : SY/MD
Sample : L1547-04
Misc : 5.79G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Quant Time: Feb 19 06:47:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration



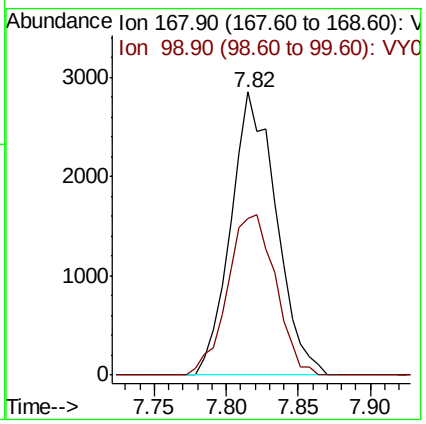


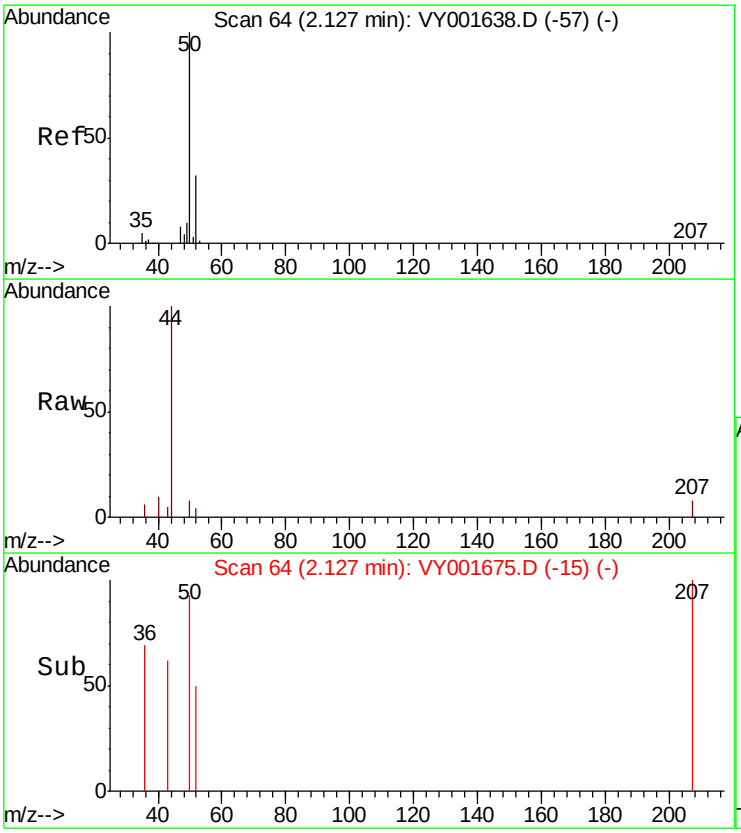
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.00 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Tgt Ion:168 Resp: 6251

Ion	Ratio	Lower	Upper
168	100		
99	55.2	47.5	71.3

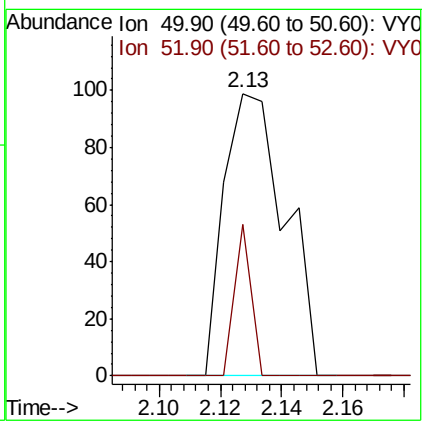


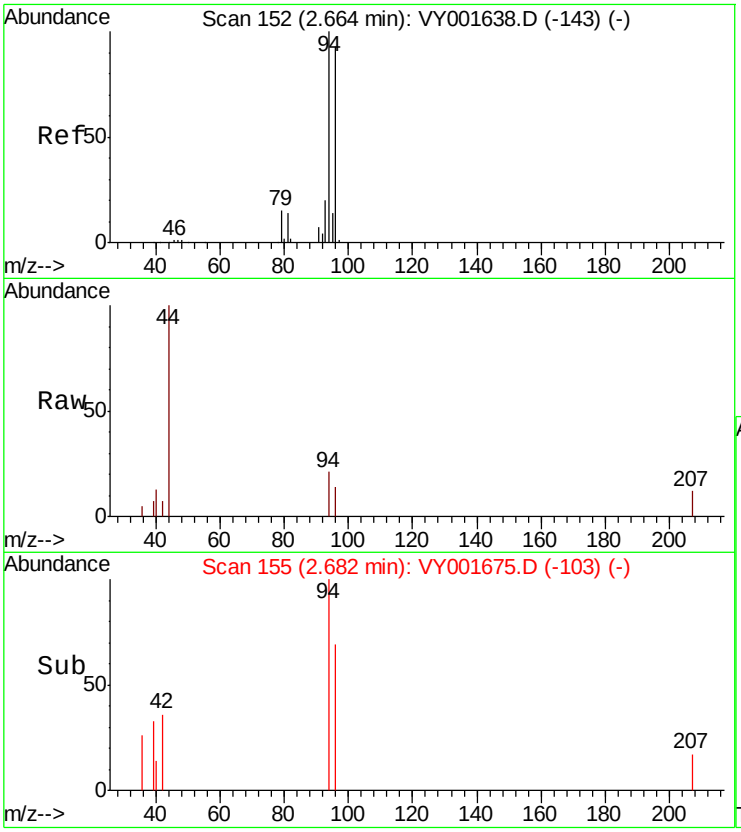


#3
Chloromethane
Concen: 1.659 ug/l
RT: 2.13 min Scan# 64
Delta R.T. 0.00 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Tgt Ion: 50 Resp: 136

Ion	Ratio	Lower	Upper
50	100		
52	53.5	25.8	38.6#



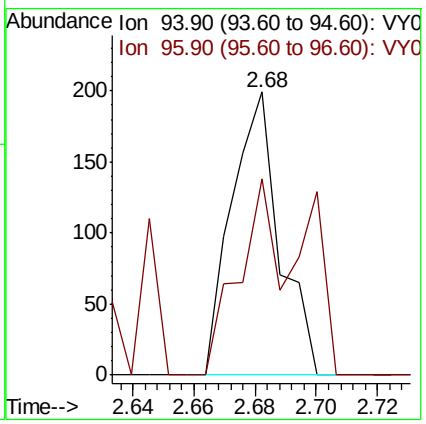


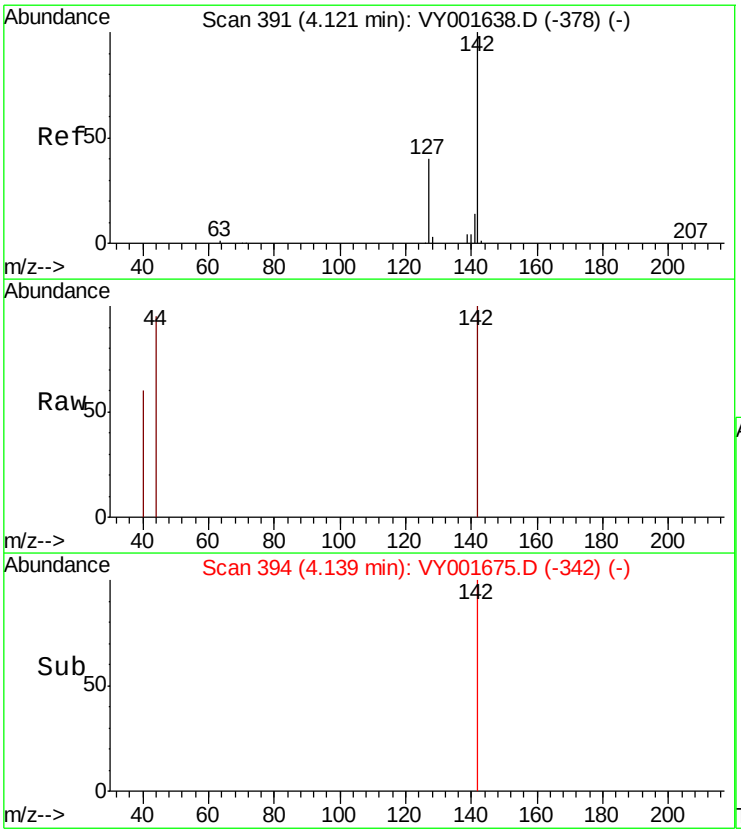
#5
Bromomethane
Concen: 4.181 ug/l
RT: 2.68 min Scan# 155
Delta R.T. 0.02 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Tgt Ion: 94 Resp: 216

Ion	Ratio	Lower	Upper
94	100		
96	69.3	73.7	110.5#

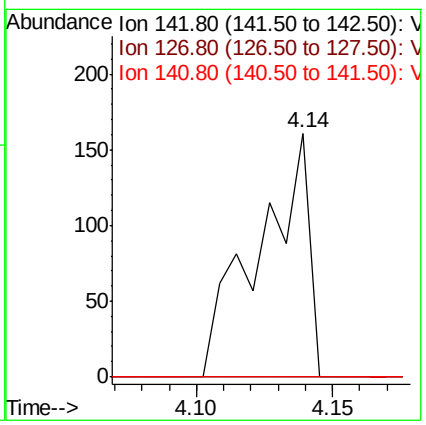


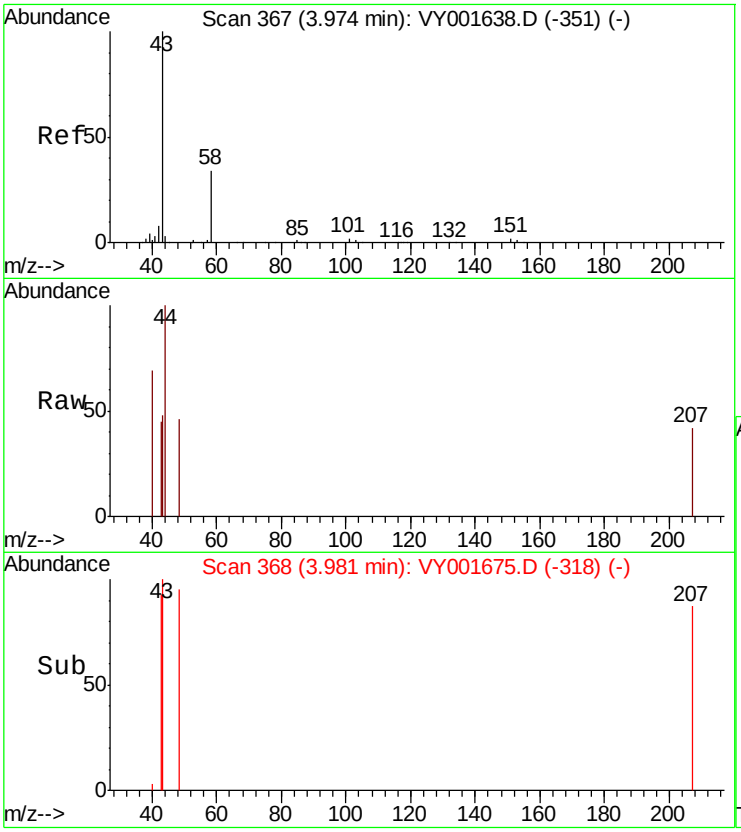


#10
Methyl Iodide
Concen: 2.531 ug/l
RT: 4.14 min Scan# 394
Delta R.T. 0.02 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Tgt Ion:142 Resp: 206

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.1	48.1#
141	0.0	11.3	16.9#



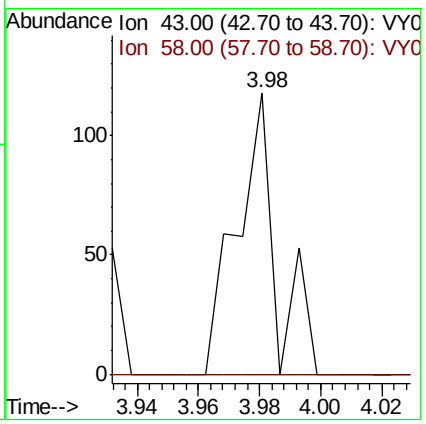


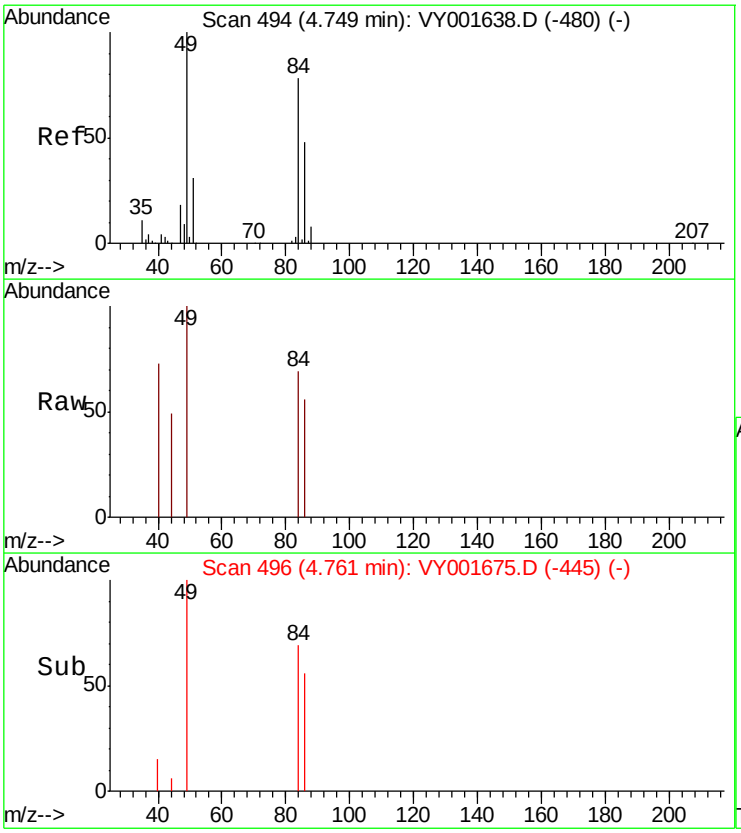
#16
Acetone
Concen: 4.513 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Tgt Ion: 43 Resp: 105

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.3	40.9#

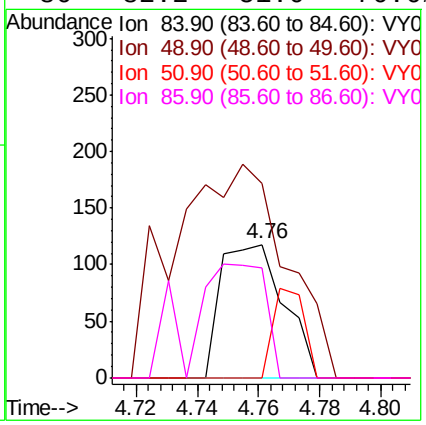


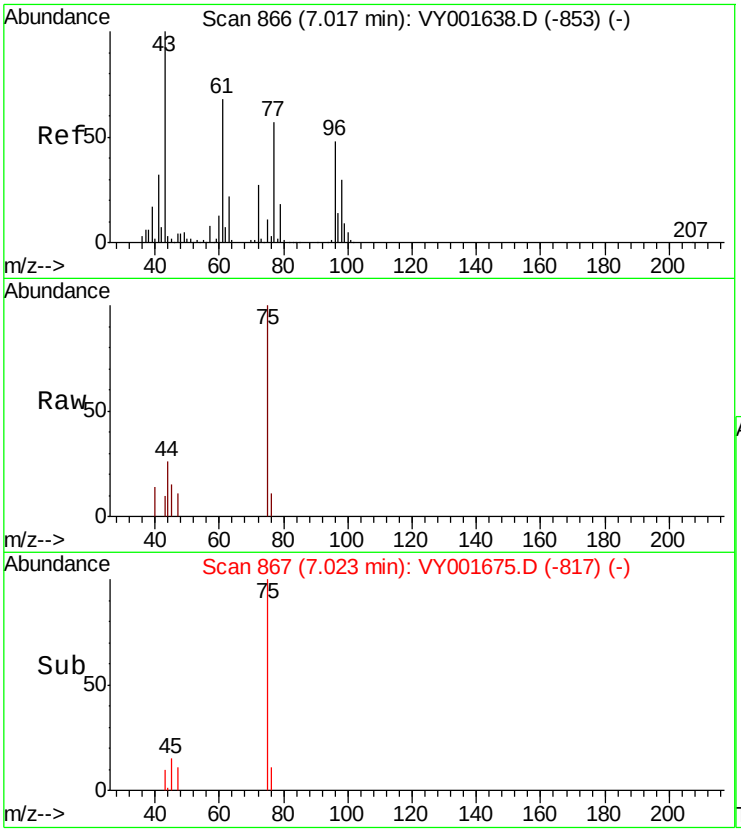


#20
Methylene Chloride
Concen: 2.033 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Tgt Ion: 84 Resp: 168

Ion	Ratio	Lower	Upper
84	100		
49	145.8	99.2	148.8
51	0.0	31.5	47.3#
86	82.2	51.0	76.6#



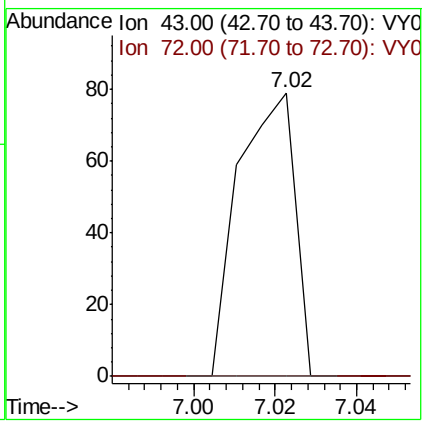


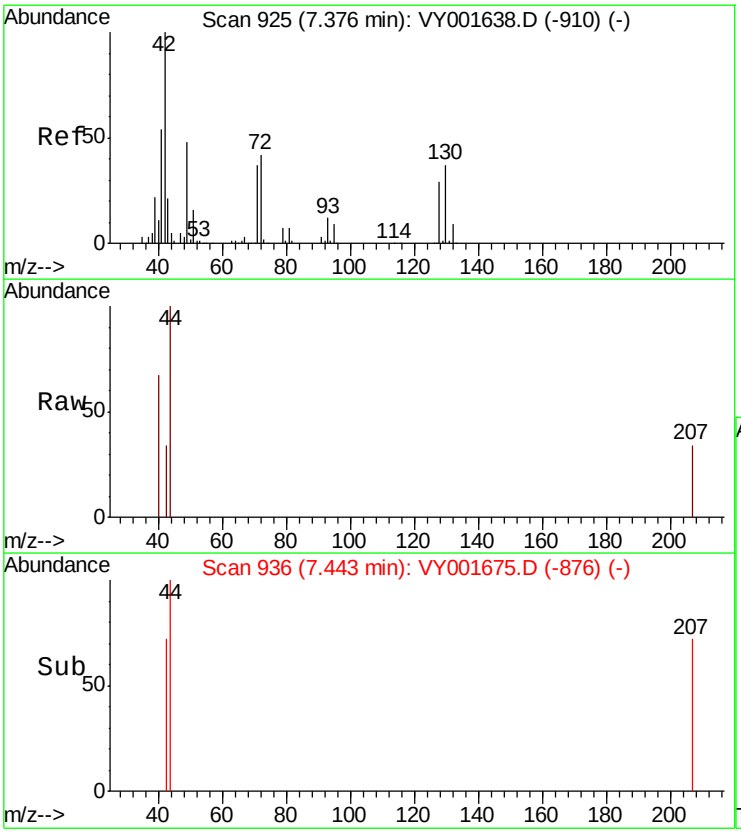
#25
2-Butanone
Concen: 2.405 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Tgt Ion: 43 Resp: 76

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.2	31.8#

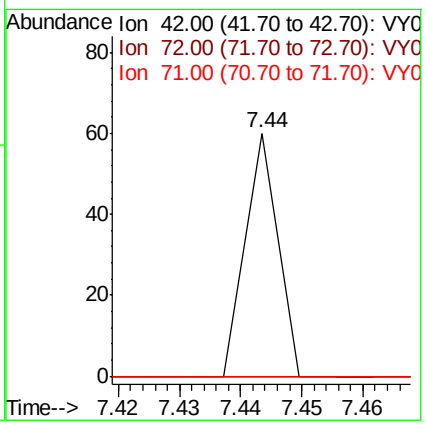


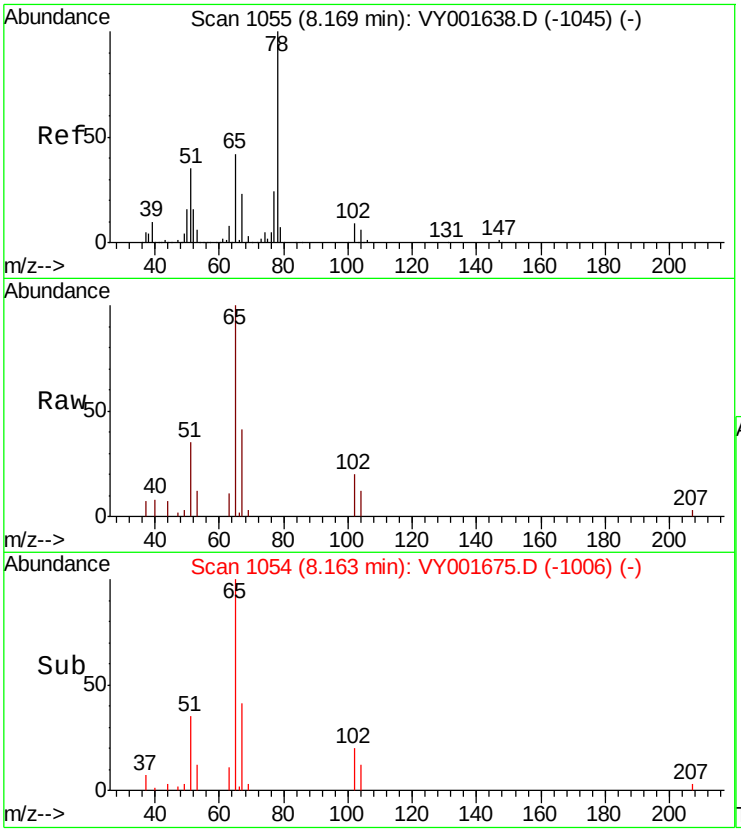


#29
Tetrahydrofuran
Concen: 1.152 ug/l
RT: 7.44 min Scan# 936
Delta R.T. 0.07 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Tgt Ion: 42 Resp: 22

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.4	51.6#
71	0.0	31.8	47.8#



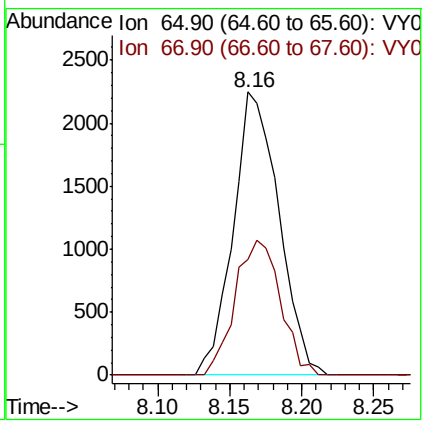


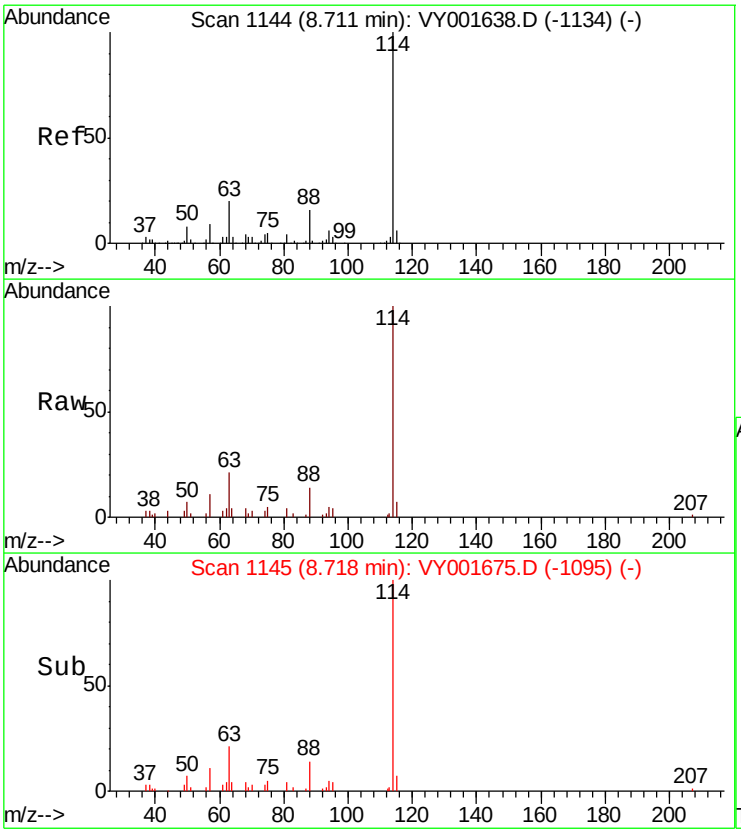
#33
1,2-Dichloroethane-d4
Concen: 73.544 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Tgt Ion: 65 Resp: 4945

Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	111.0

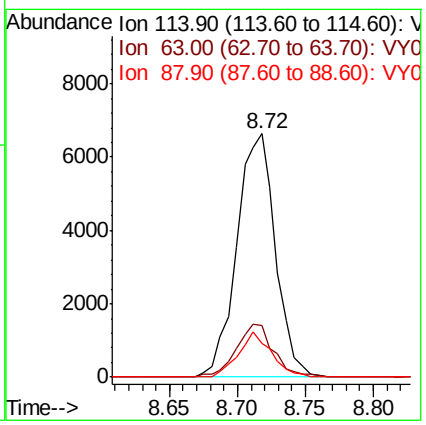


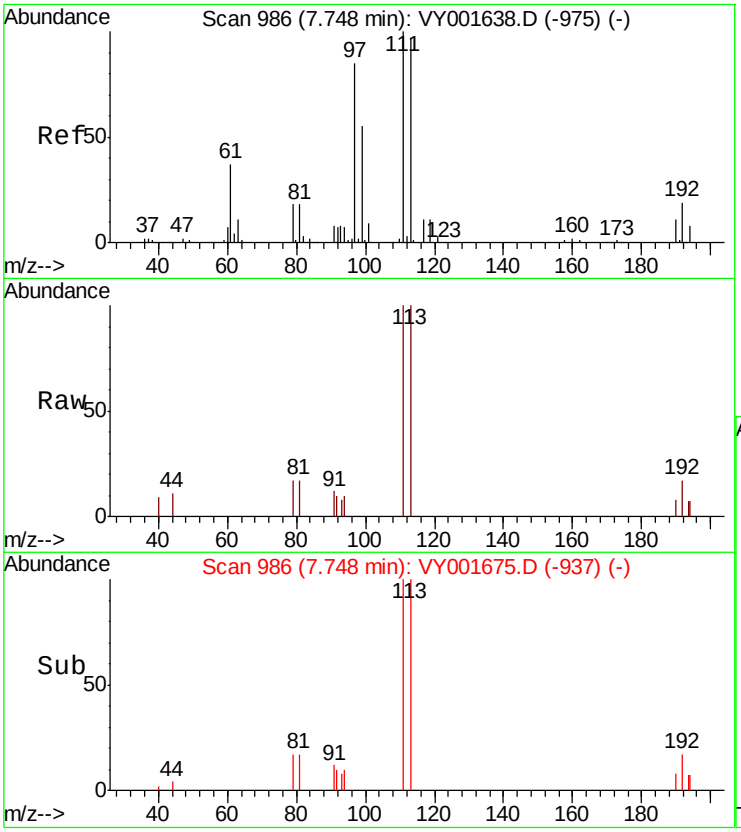


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Tgt Ion:114 Resp: 13130

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.4
88	14.1	0.0	32.8



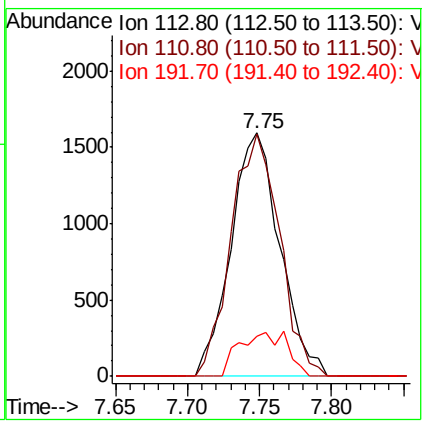


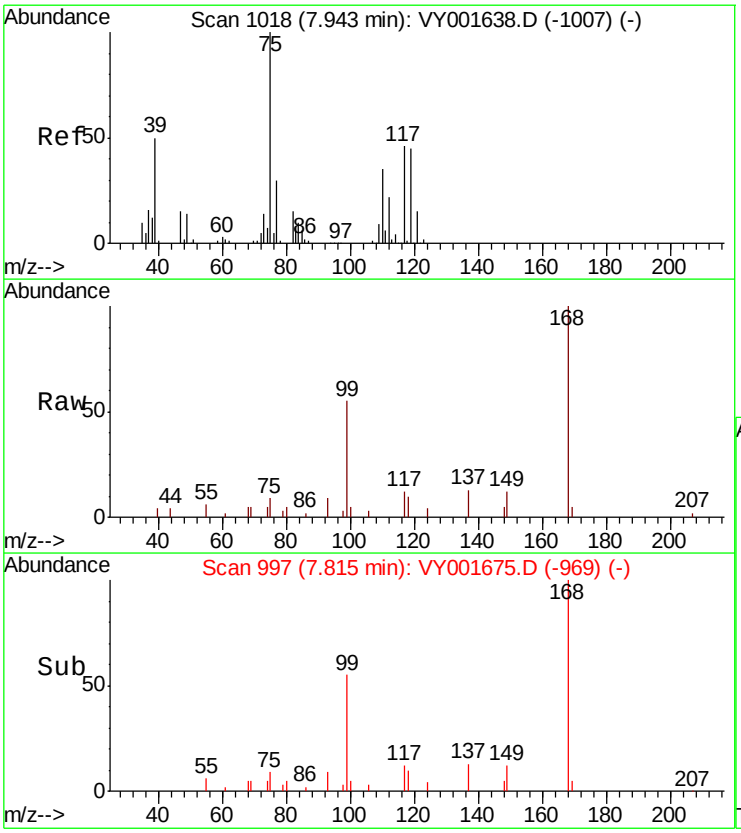
#35
Dibromofluoromethane
Concen: 50.038 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.00 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Tgt Ion:113 Resp: 3763

Ion	Ratio	Lower	Upper
113	100		
111	98.9	81.9	122.9
192	18.0	14.3	21.5

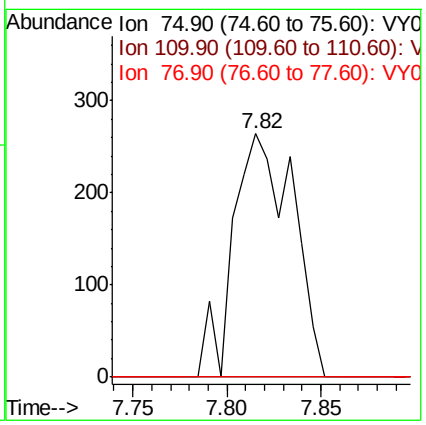


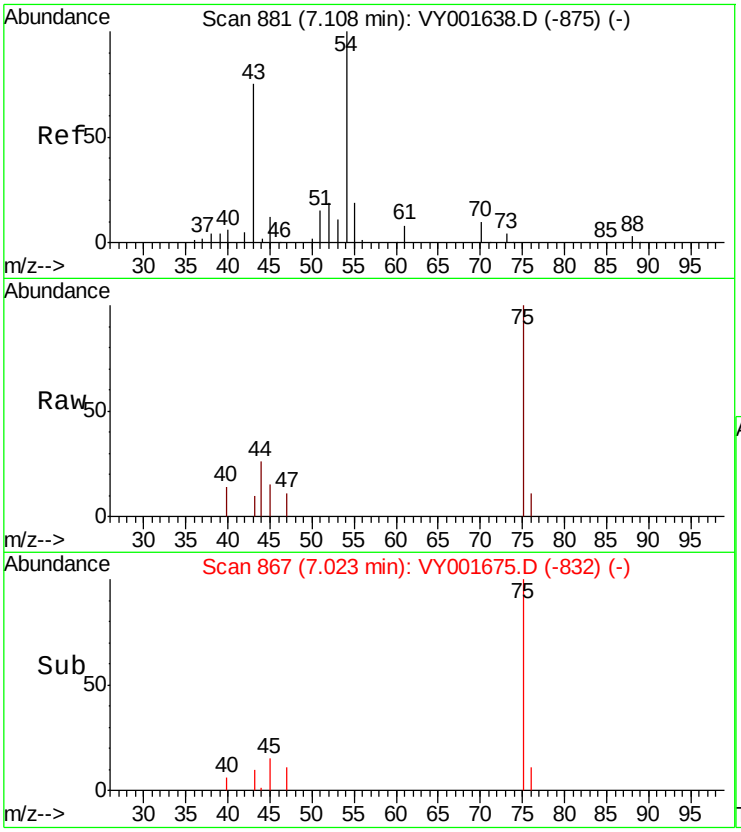


#36
1,1-Dichloropropene
Concen: 4.633 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Tgt Ion: 75 Resp: 581

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.2	51.6#
77	0.0	24.8	37.2#



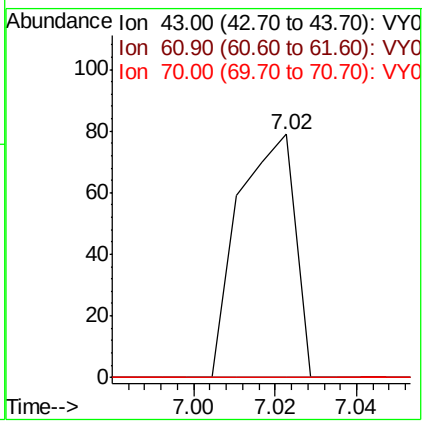


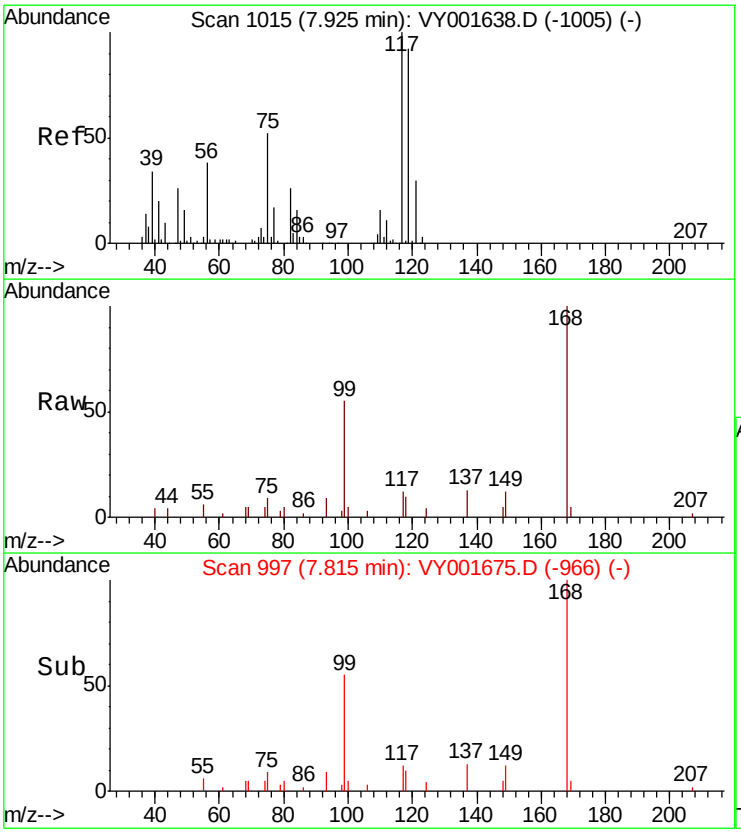
#37
Ethyl Acetate
Concen: 1.015 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.09 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Tgt Ion: 43 Resp: 76

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.6#
70	0.0	8.8	13.2#

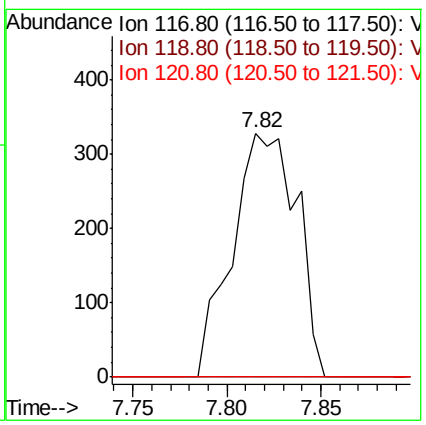


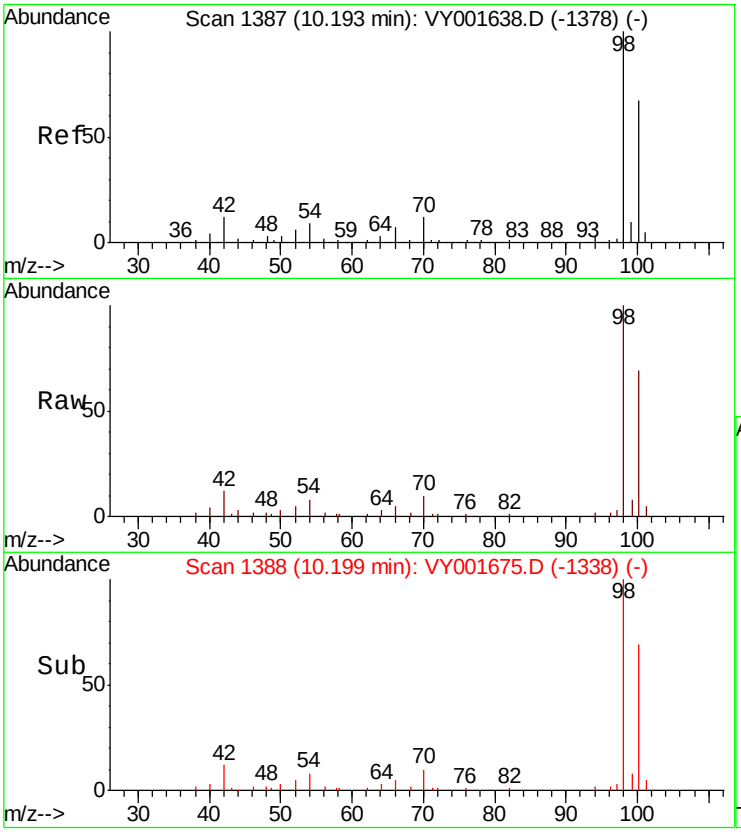


#38
Carbon Tetrachloride
Concen: 7.090 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Tgt Ion:117 Resp: 781

Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.8	112.2#
121	0.0	23.8	35.6#



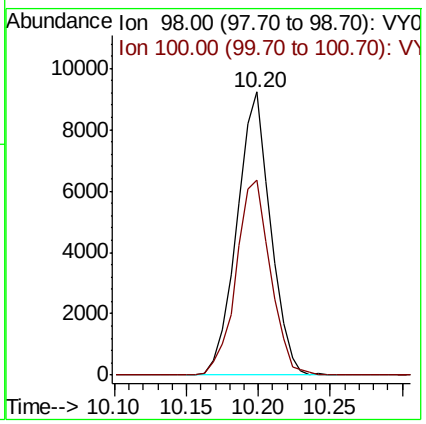


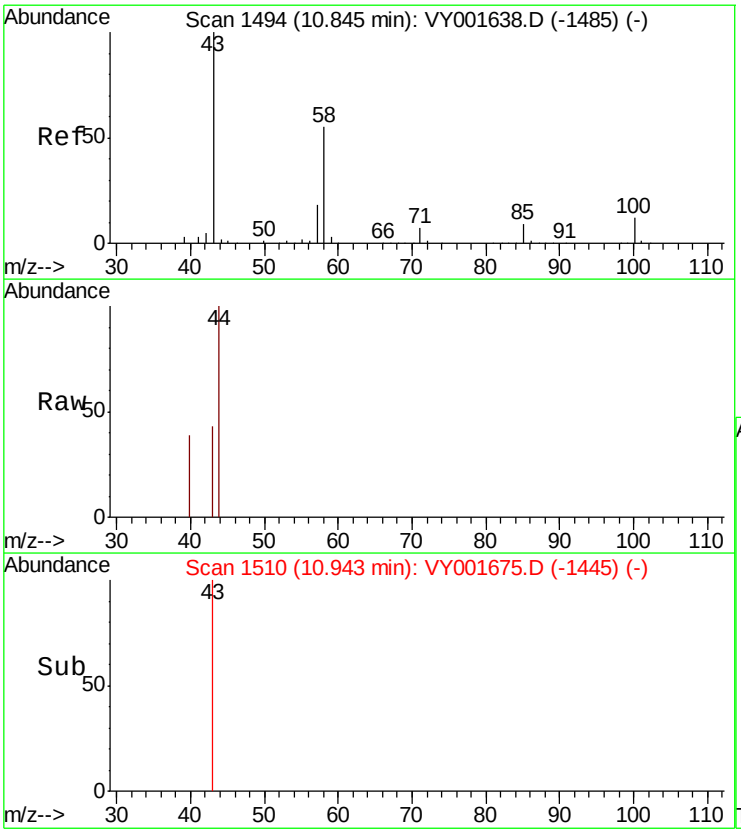
#50
Toluene-d8
Concen: 50.526 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Tgt Ion: 98 Resp: 14886

Ion	Ratio	Lower	Upper
98	100		
100	70.6	53.0	79.4

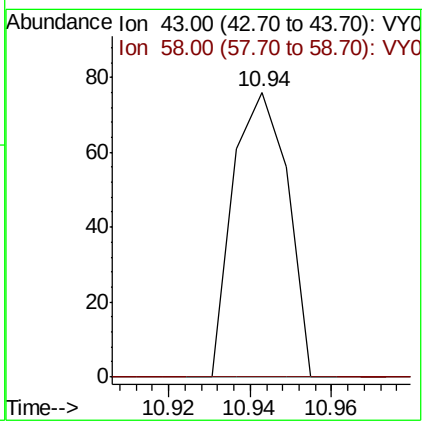


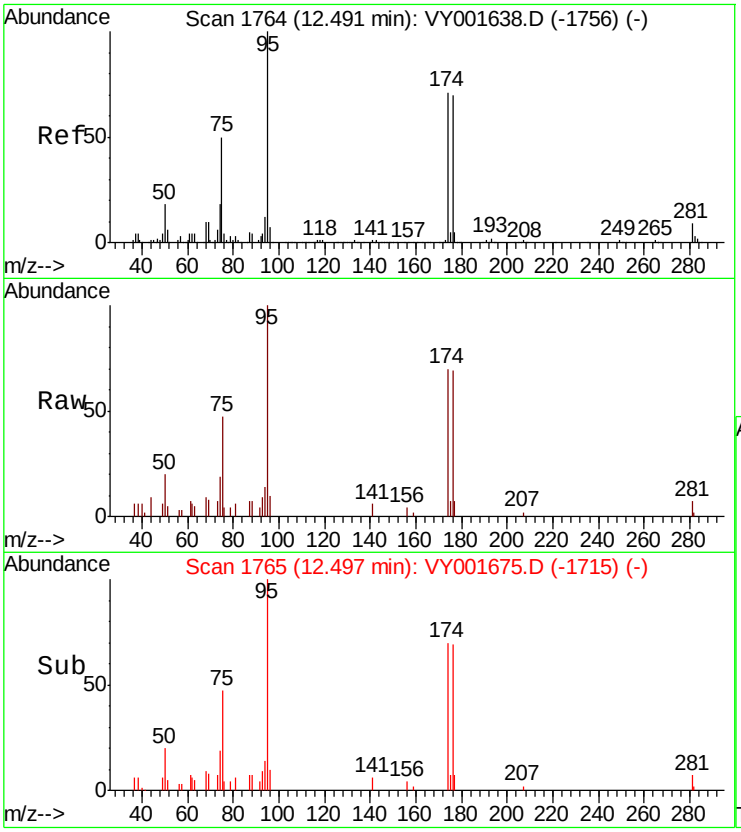


#59
2-Hexanone
Concen: 1.297 ug/l
RT: 10.94 min Scan# 1510
Delta R.T. 0.10 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Tgt Ion: 43 Resp: 71

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	85.2#



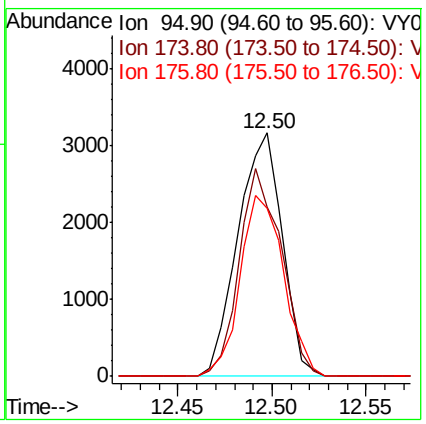


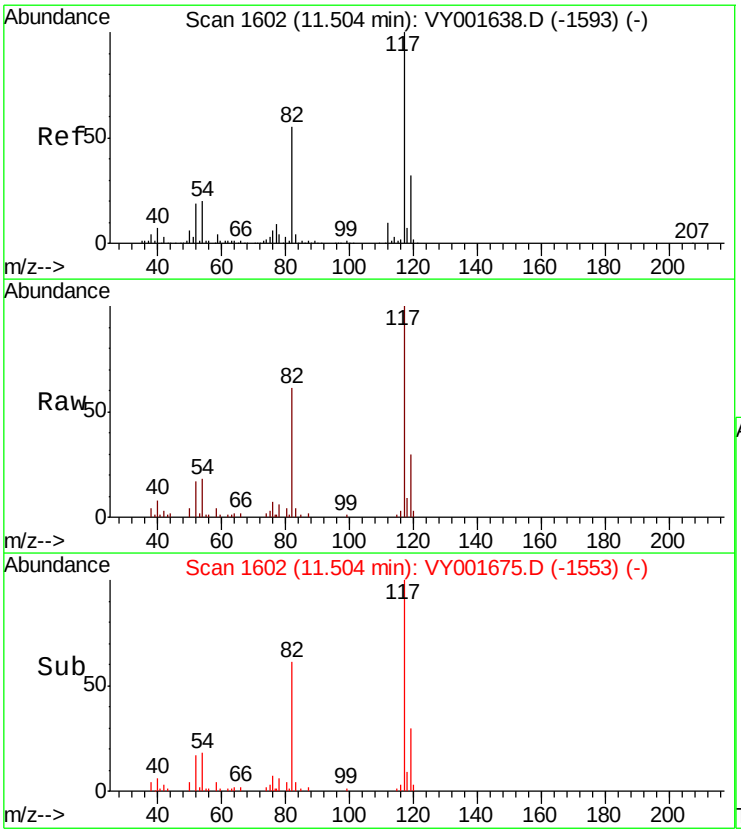
#62
4-Bromofluorobenzene
Concen: 45.073 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Tgt Ion: 95 Resp: 5159

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	138.4
176	73.1	0.0	131.8

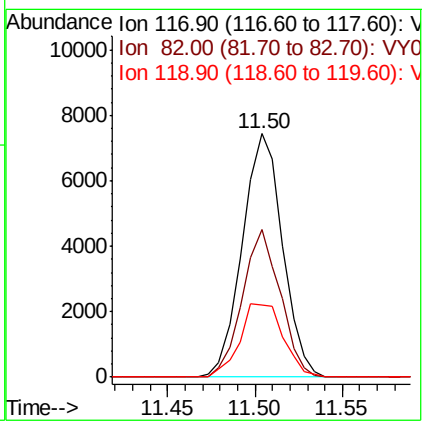


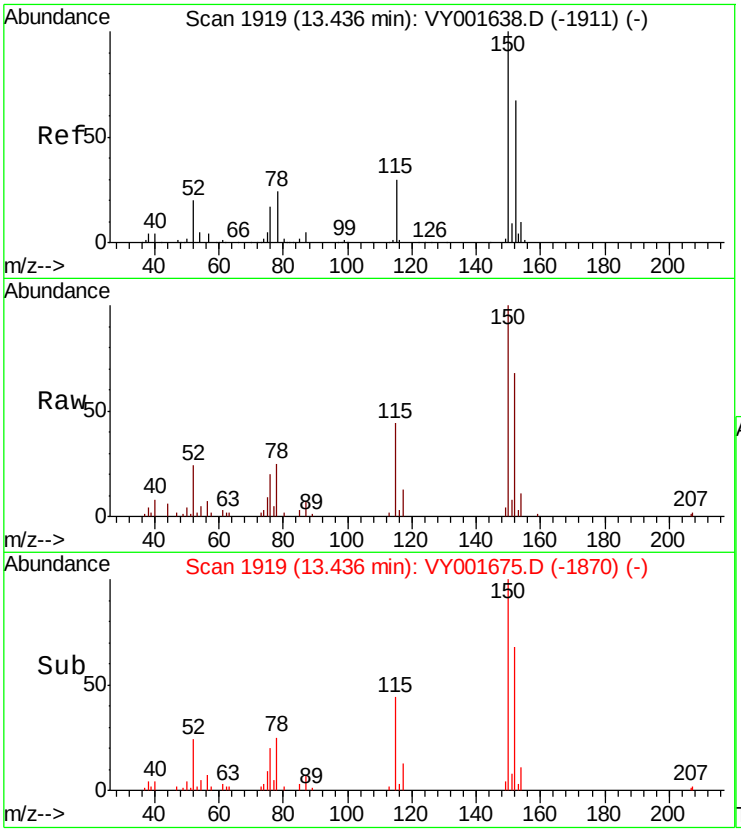


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Tgt Ion:117 Resp: 11849

Ion	Ratio	Lower	Upper
117	100		
82	60.7	45.5	68.3
119	29.6	25.8	38.6



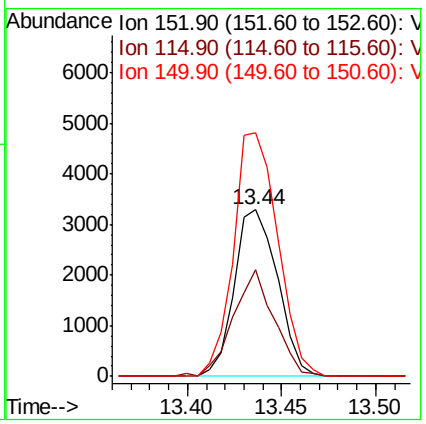


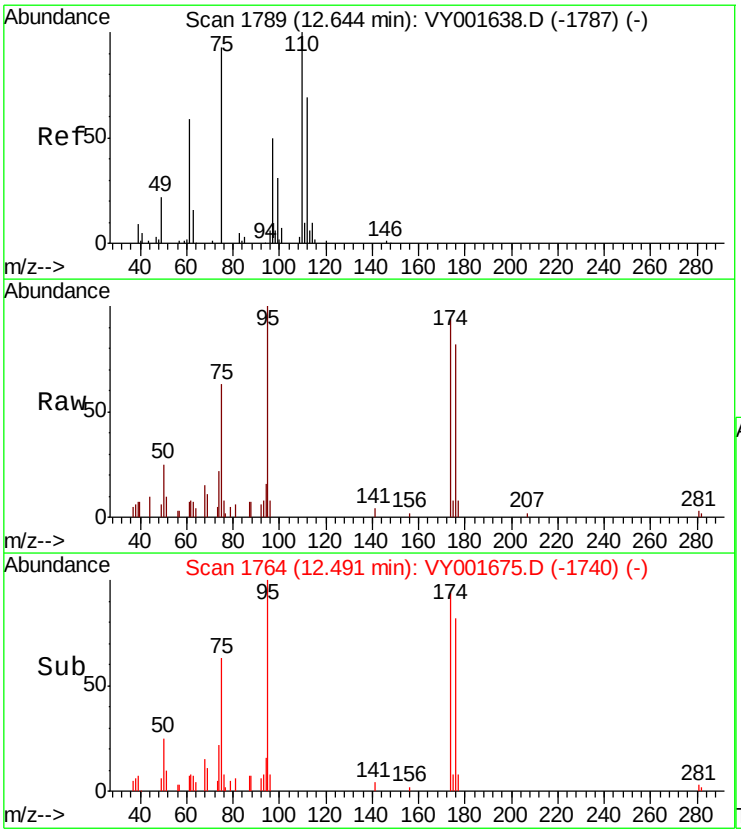
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Tgt Ion:152 Resp: 5224

Ion	Ratio	Lower	Upper
152	100		
115	60.8	31.4	94.2
150	149.8	0.0	407.2

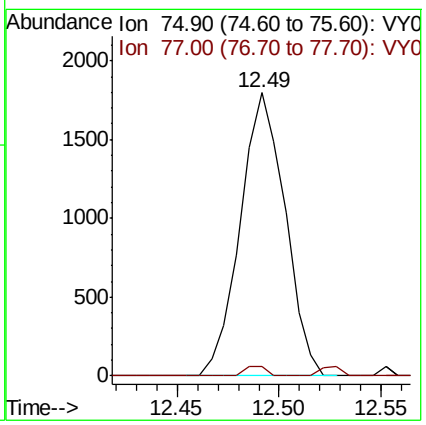


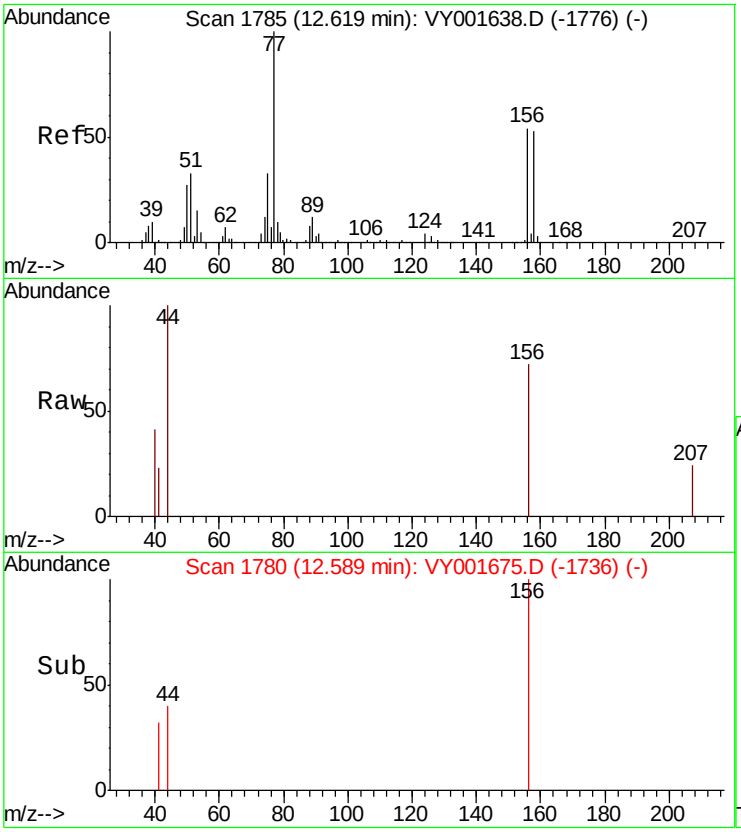


#76
1,2,3-Trichloropropane
Concen: 45.823 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Tgt Ion: 75 Resp: 2746

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#



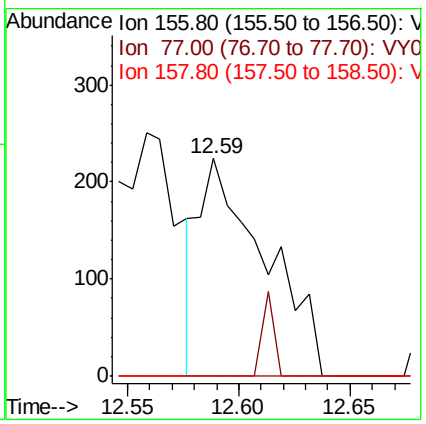


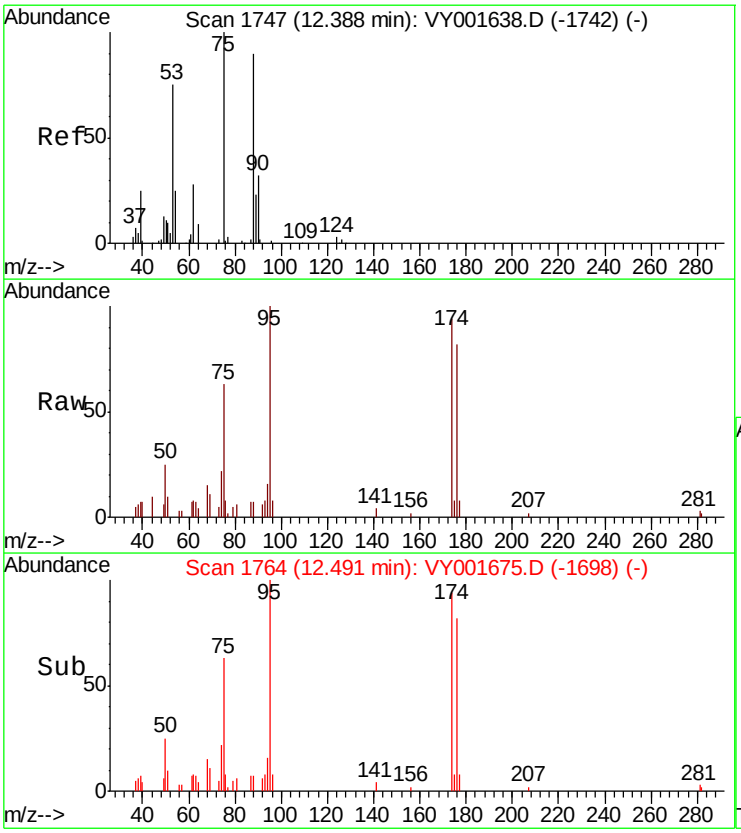
#77
Bromobenzene
Concen: 5.309 ug/l
RT: 12.59 min Scan# 1780
Delta R.T. -0.03 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Tgt Ion:156 Resp: 458

Ion	Ratio	Lower	Upper
156	100		
77	0.0	110.1	330.1#
158	0.0	47.9	143.7#

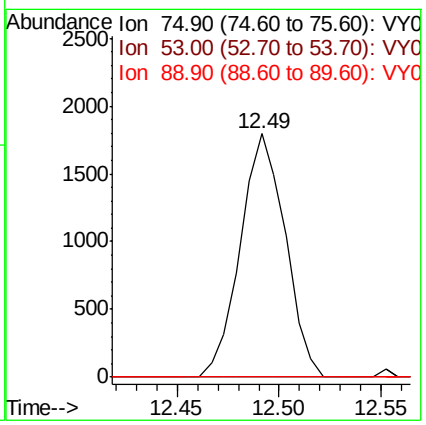


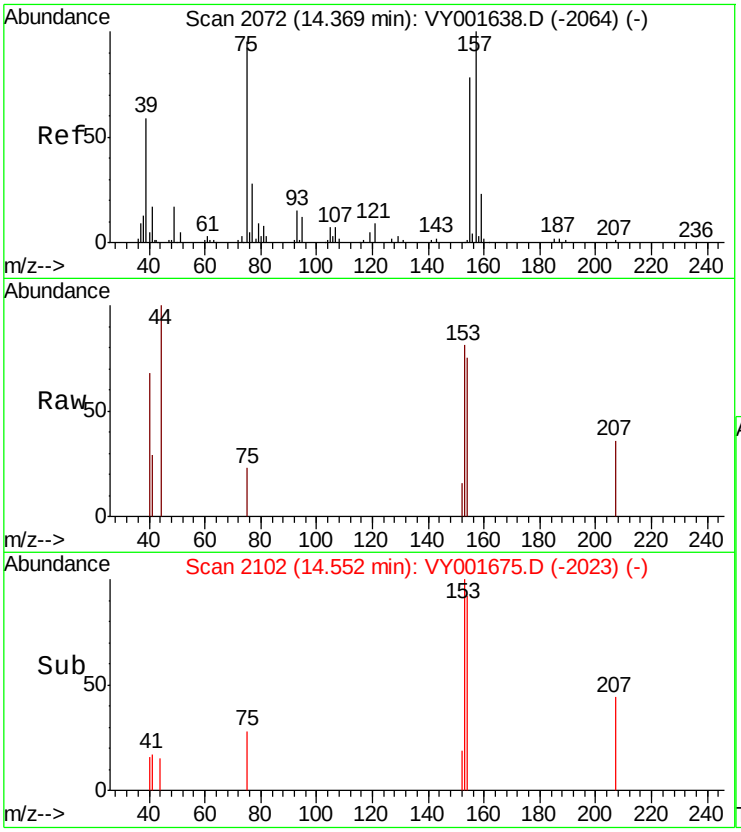


#81
trans-1,4-Dichloro-2-butene
Concen: 86.934 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Tgt Ion: 75 Resp: 2746

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.5	96.7#
89	0.0	36.3	54.5#



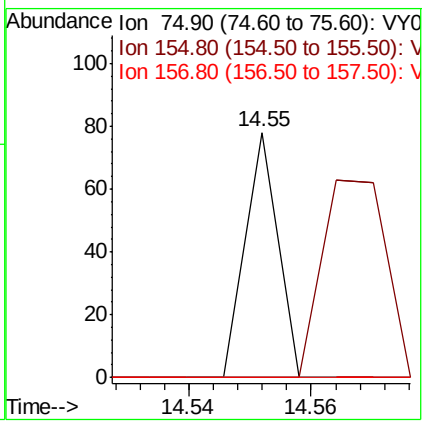


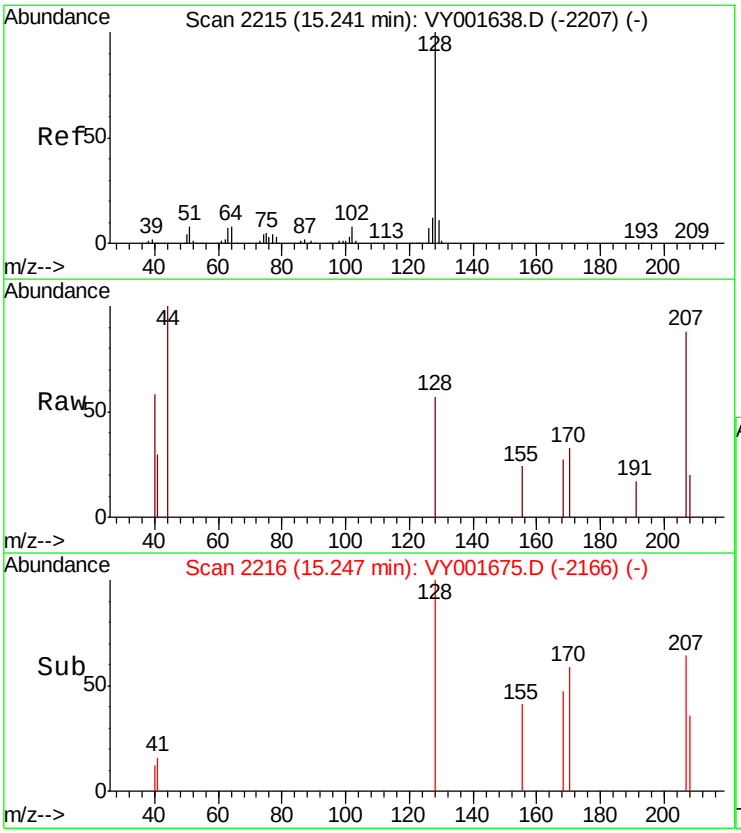
#92
1,2-Dibromo-3-Chloropropane
Concen: 2.068 ug/l
RT: 14.55 min Scan# 2102
Delta R.T. 0.18 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-A

Tgt Ion: 75 Resp: 29

Ion	Ratio	Lower	Upper
75	100		
155	158.6	40.8	122.4#
157	0.0	52.1	156.4#





#95
Naphthalene
Concen: 1.564 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001675.D
Acq: 18 Feb 2020 16:49

Tgt Ion:128 Resp: 369

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	0.0	8.6	13.0#