Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
Data File : VY000501.D
Acq On : 31 Oct 2019 13:29
Operator : SY/MD
Sample : K5143-05
Misc : 6.50G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 01 05:50:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	90252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	146488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	112905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	41002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	43686	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.54%			
35) Dibromofluoromethane	7.73	113	39595	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.08%			
50) Toluene-d8	10.18	98	164986	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.12%			
62) 4-Bromofluorobenzene	12.48	95	45406	36.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.10%			
Target Compounds						Qvalue
10) Methyl Iodide	4.10	142	337	3.458	ug/l #	90
16) Acetone	3.97	43	1986	7.715	ug/l #	64
25) 2-Butanone	6.99	43	627	1.526	ug/l #	49
31) Cyclohexane	7.80	56	2142	1.185	ug/l #	48
36) 1,1-Dichloropropene	7.80	75	7612	5.497	ug/l #	46
38) Carbon Tetrachloride	7.80	117	8814	6.615	ug/l #	17
49) 1,4-Dioxane	9.14	88	21	2.839	ug/l #	27
51) 4-Methyl-2-Pentanone	10.07	43	1512	1.841	ug/l	94
59) 2-Hexanone	10.83	43	2133	3.565	ug/l	93
74) N-amyl acetate	12.14	43	1981	2.283	ug/l #	52
76) 1,2,3-Trichloropropane	12.48	75	24637	52.771	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	24637	118.320	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.36	75	125	1.177	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.01	180	1440	1.732	ug/l #	64
95) Naphthalene	15.23	128	6448	3.493	ug/l	96
96) 1,2,3-Trichlorobenzene	15.42	180	1354	1.815	ug/l #	61

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
Data File : VY000501.D
Acq On : 31 Oct 2019 13:29
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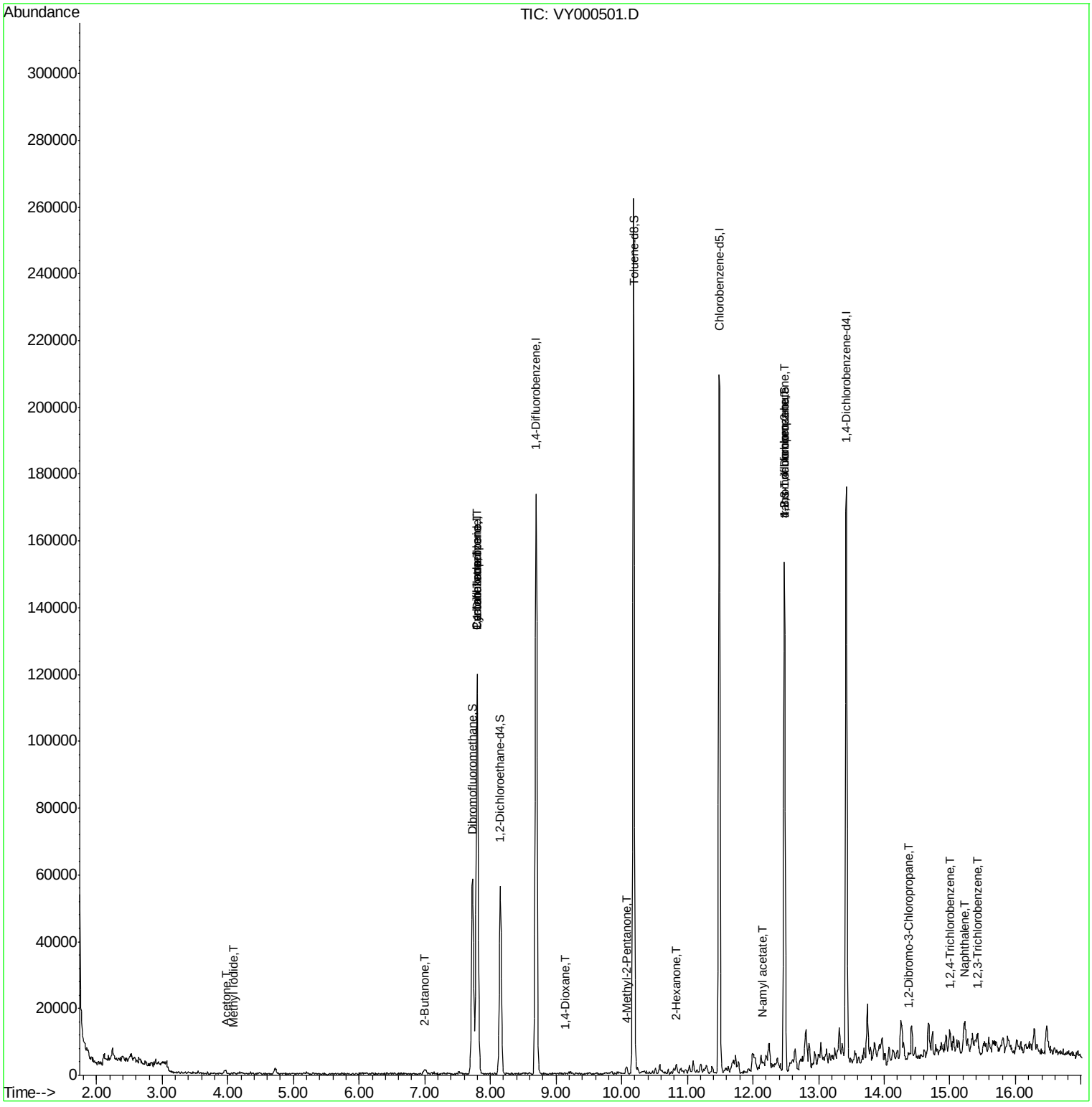
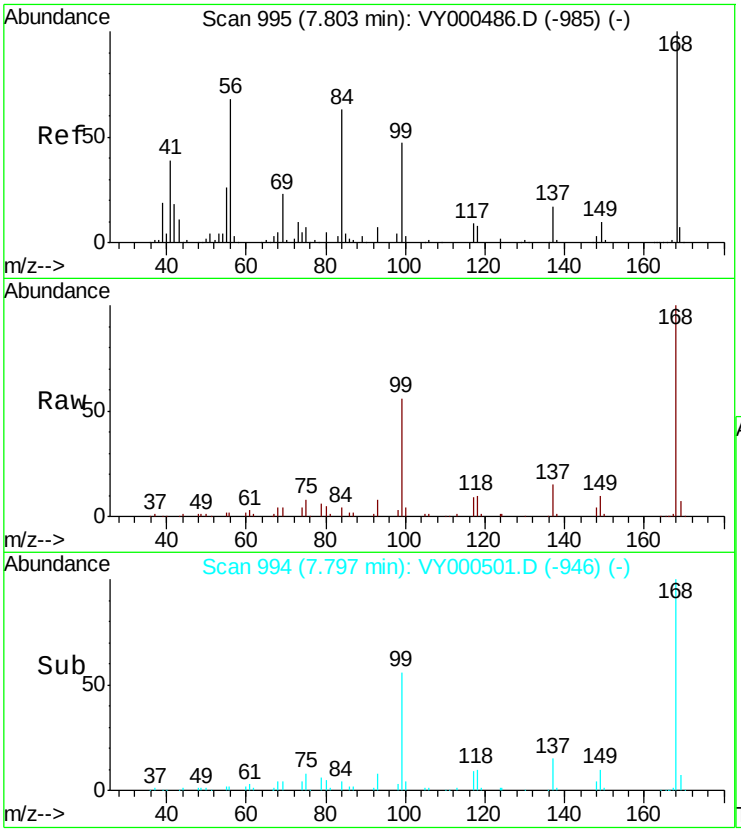
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

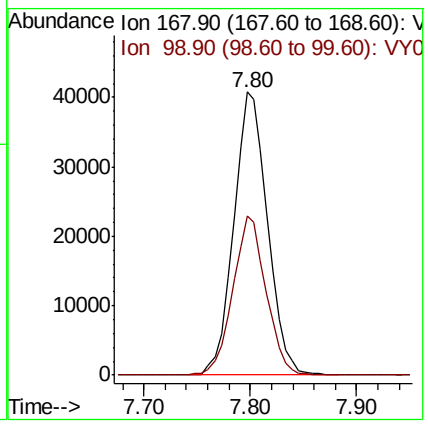


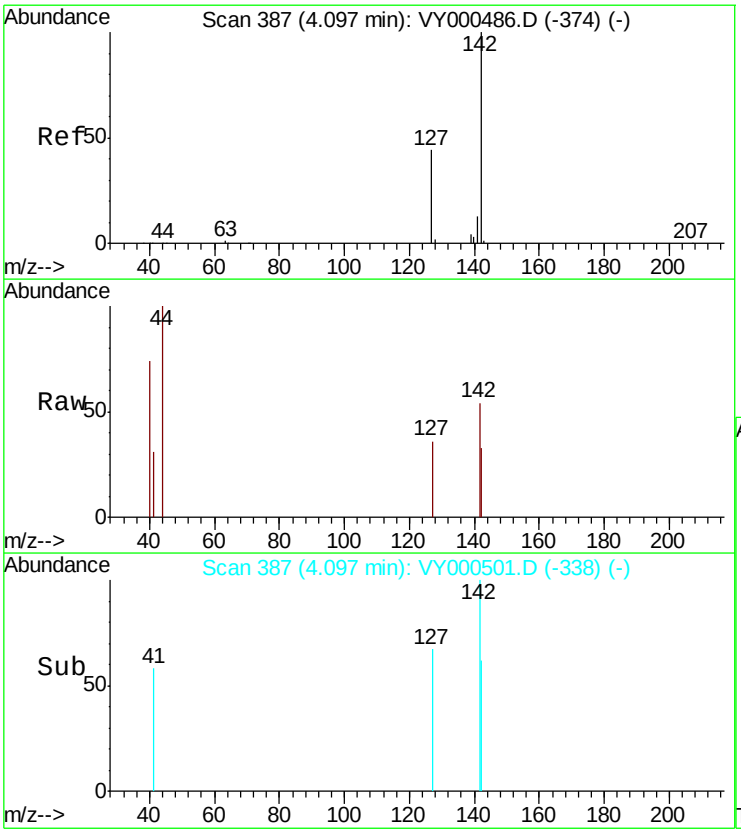


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion:168 Resp: 90252

Ion	Ratio	Lower	Upper
168	100		
99	56.1	45.7	68.5

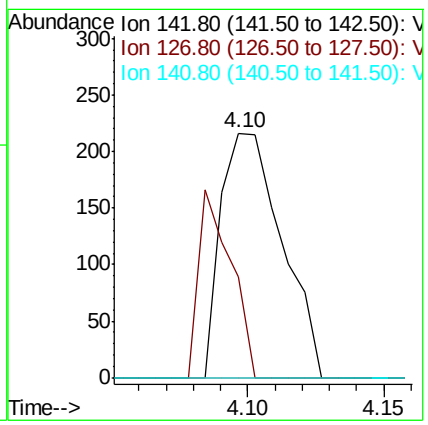


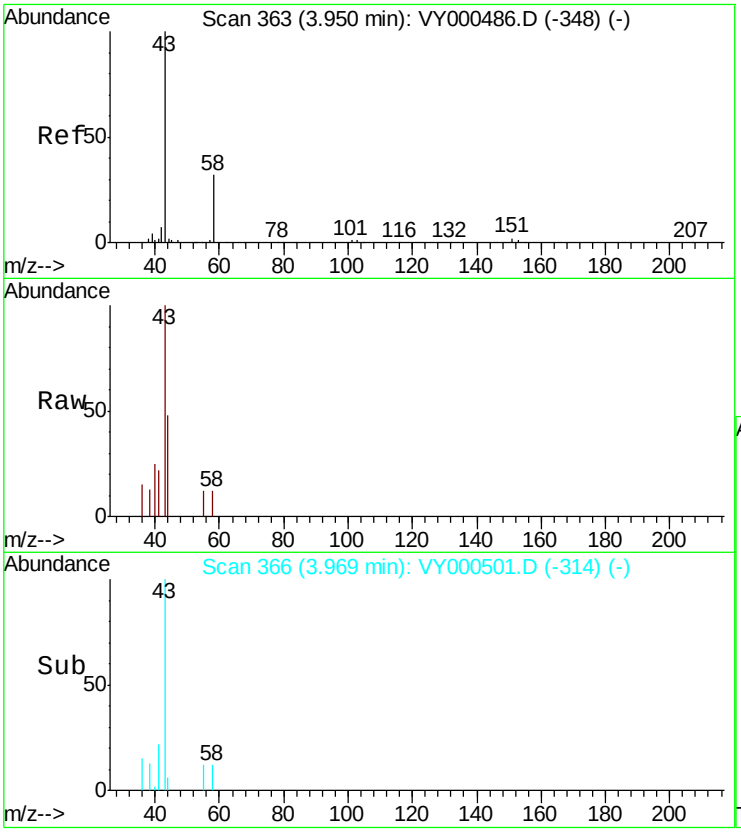


#10
Methyl Iodide
Concen: 3.458 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion:142 Resp: 337

Ion	Ratio	Lower	Upper
142	100		
127	40.7	33.7	50.5
141	0.0	10.9	16.3#

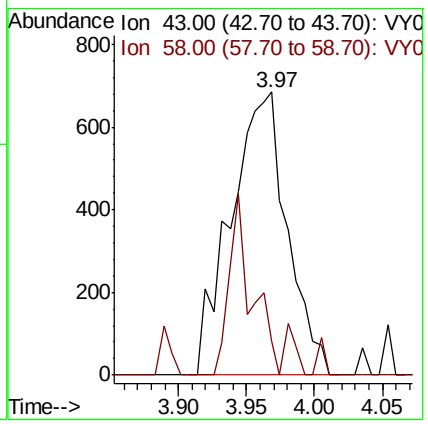


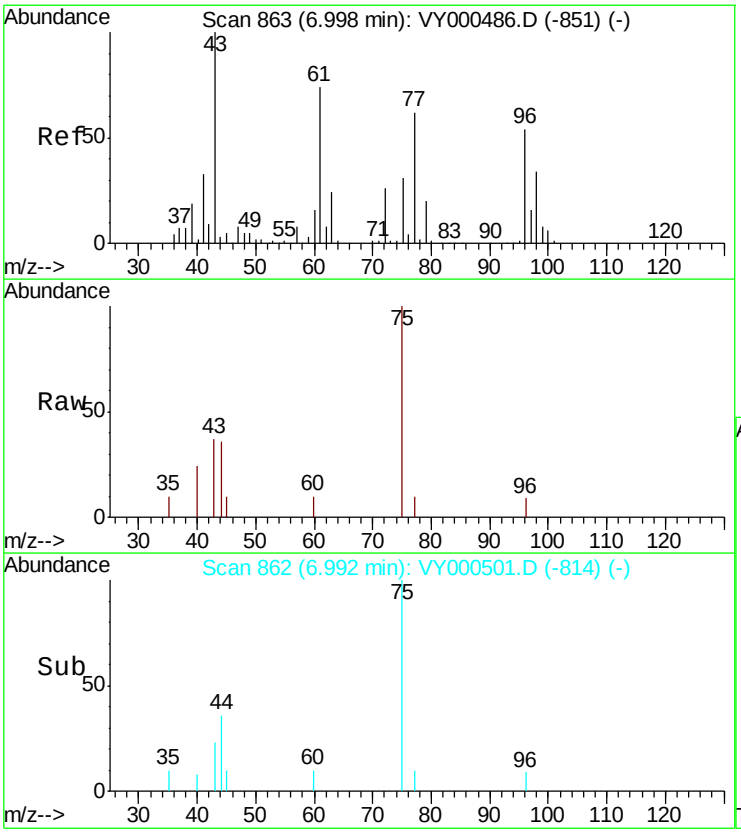


#16
Acetone
Concen: 7.715 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.02 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 43 Resp: 1986

Ion	Ratio	Lower	Upper
43	100		
58	11.8	25.8	38.6#

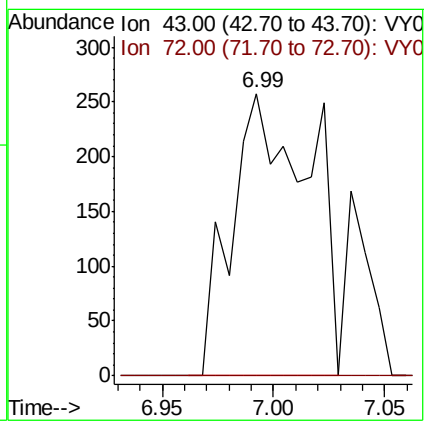


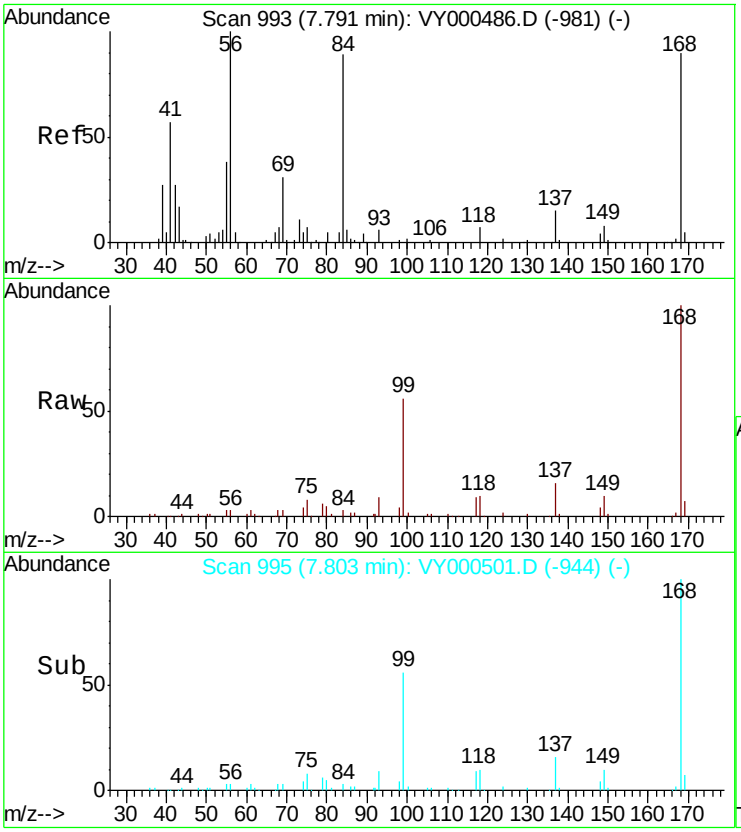


#25
2-Butanone
Concen: 1.526 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 43 Resp: 627

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.9	31.3#

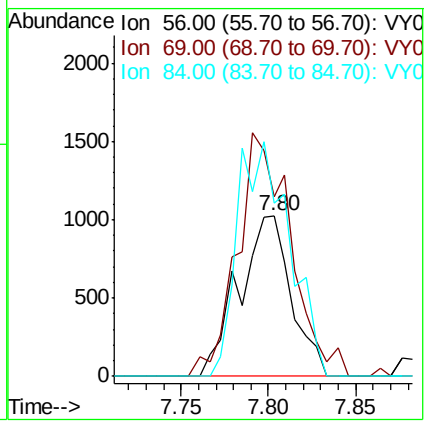


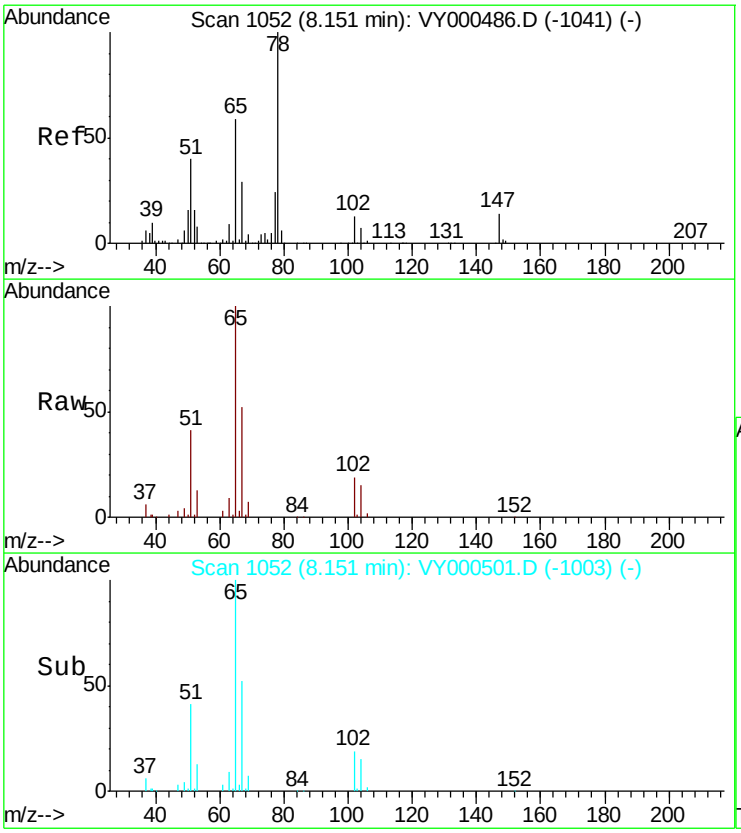


#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 56 Resp: 2142

Ion	Ratio	Lower	Upper
56	100		
69	111.4	25.0	37.6#
84	107.5	71.4	107.2#

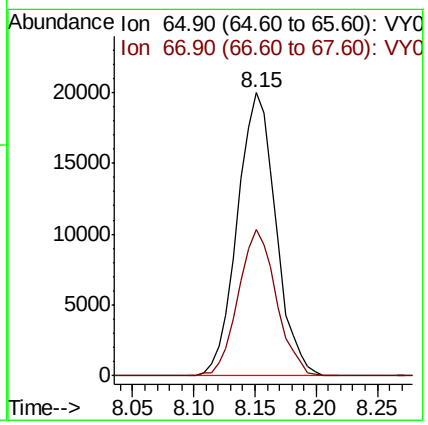


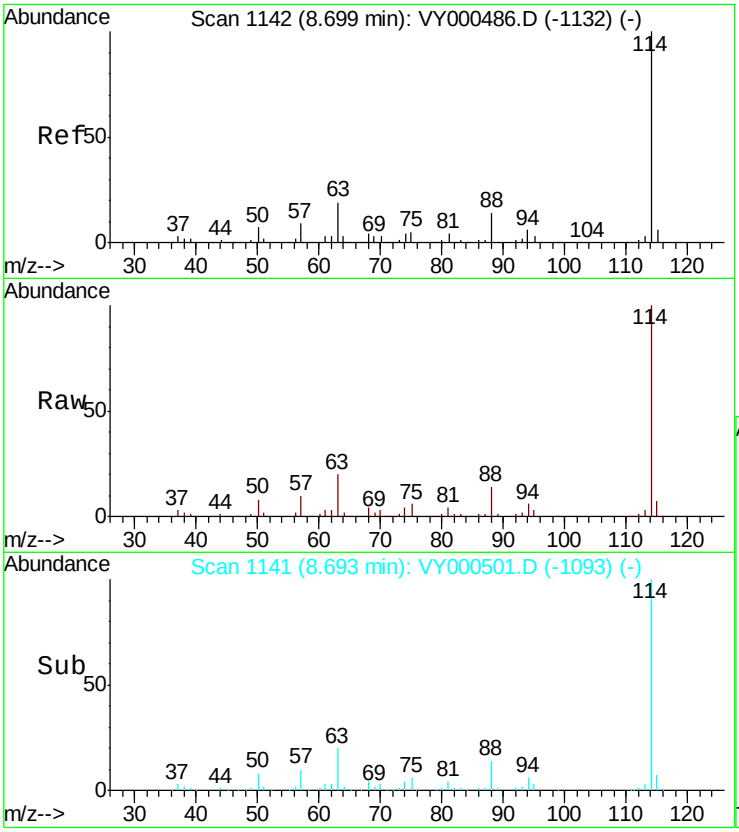


#33
1,2-Dichloroethane-d4
Concen: 46.774 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 65 Resp: 43686

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	107.2

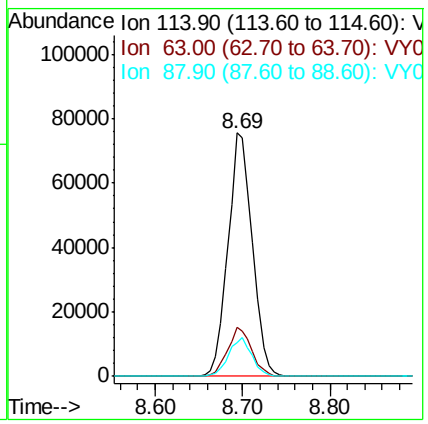


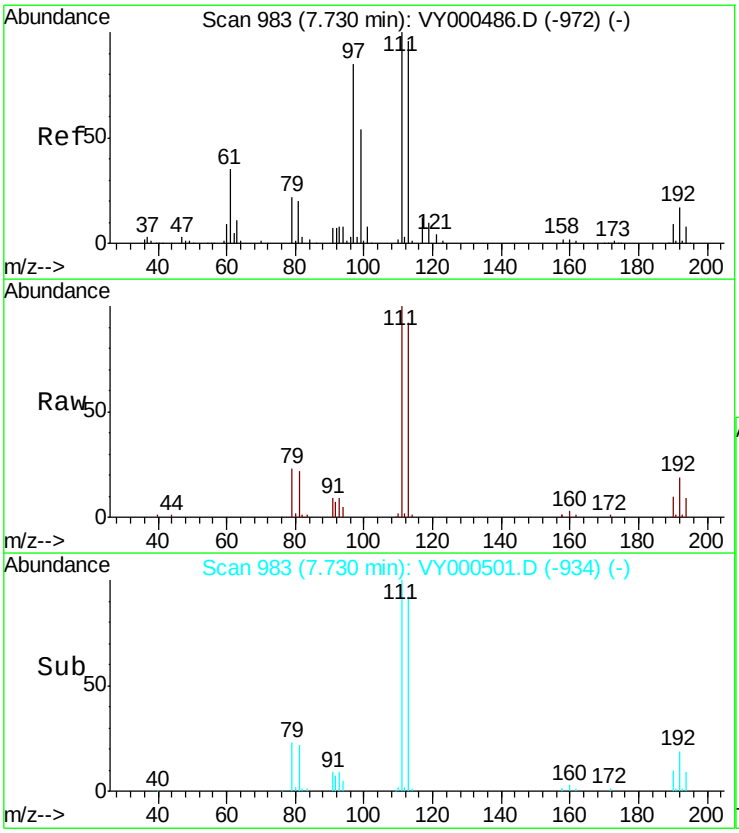


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion:114 Resp: 146488

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.0
88	13.7	0.0	28.6

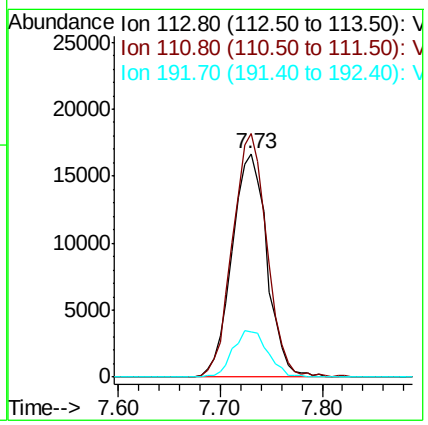


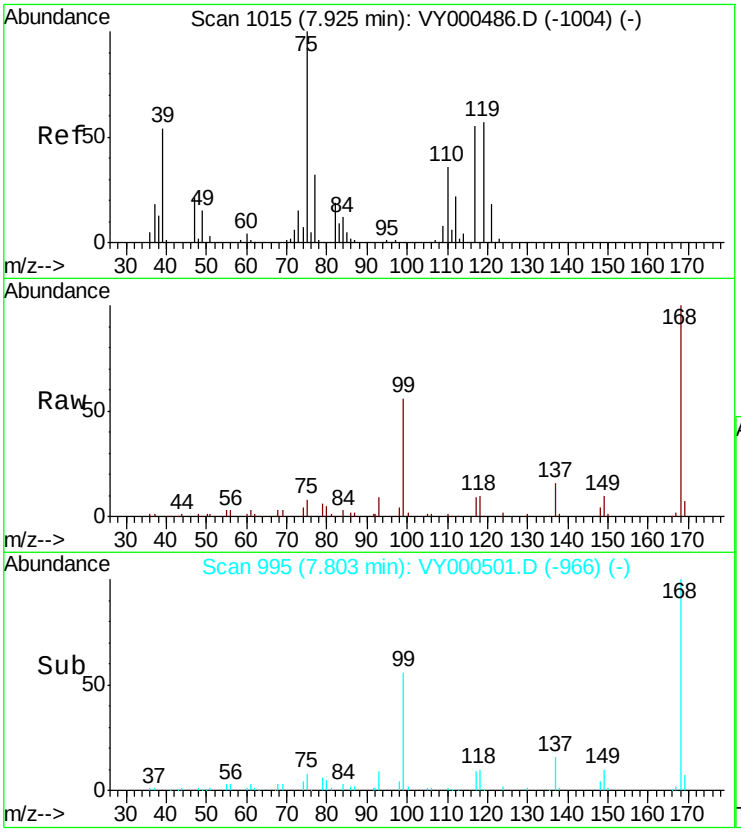


#35
Dibromofluoromethane
Concen: 46.042 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion:113 Resp: 39595

Ion	Ratio	Lower	Upper
113	100		
111	107.1	81.7	122.5
192	20.7	15.0	22.4

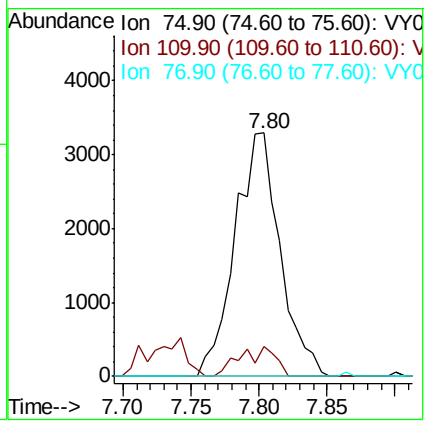


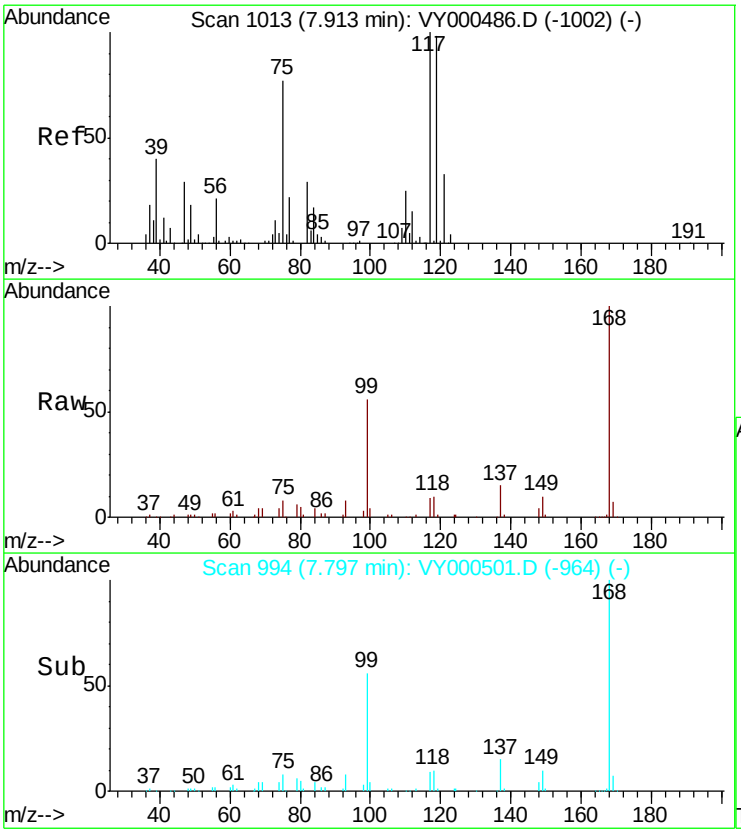


#36
1,1-Dichloropropene
Concen: 5.497 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 75 Resp: 7612

Ion	Ratio	Lower	Upper
75	100		
110	5.2	18.1	54.1#
77	0.0	25.0	37.6#

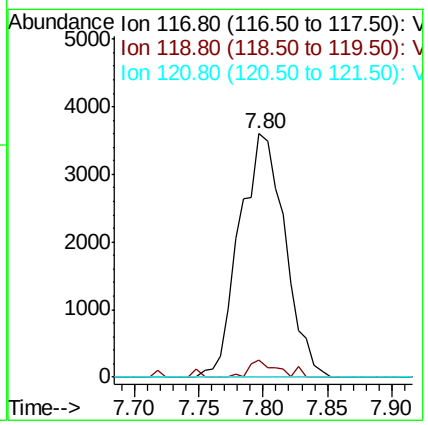


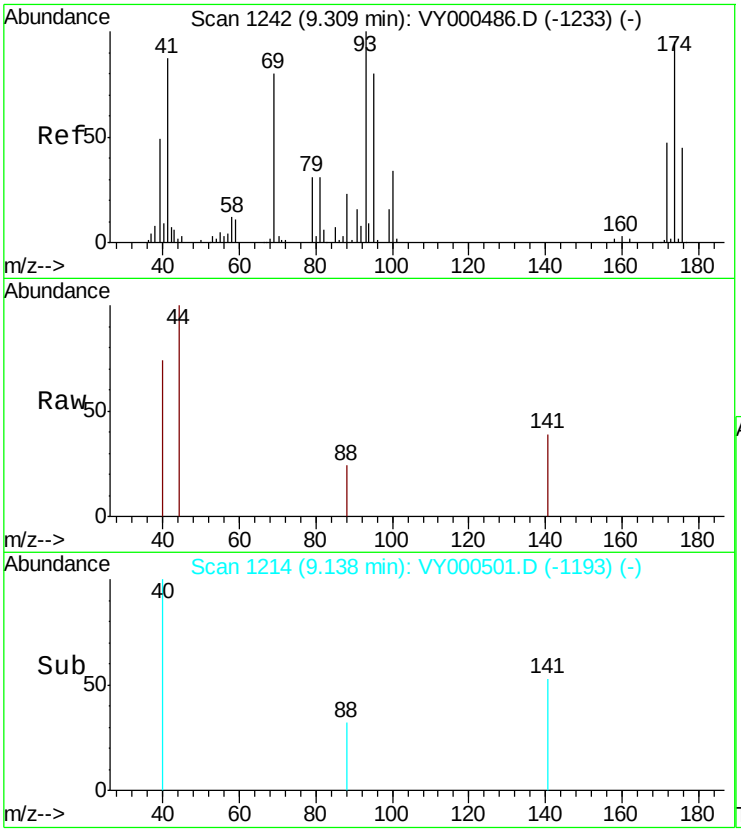


#38
Carbon Tetrachloride
Concen: 6.615 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion:117 Resp: 8814

Ion	Ratio	Lower	Upper
117	100		
119	7.1	78.0	117.0#
121	0.0	26.6	40.0#

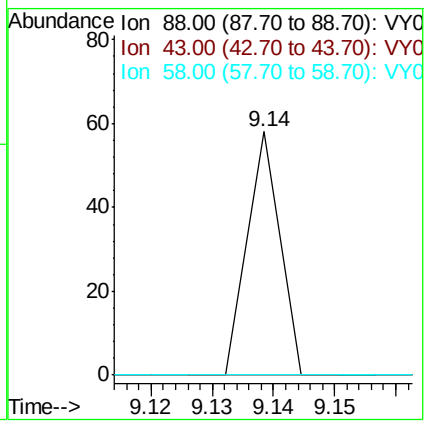


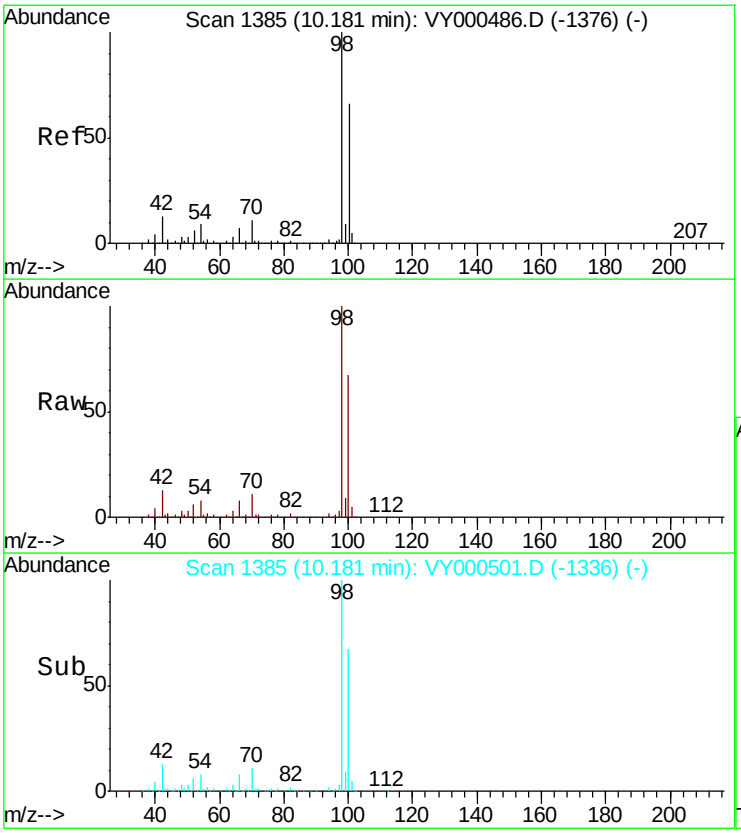


#49
1,4-Dioxane
Concen: 2.839 ug/l
RT: 9.14 min Scan# 1214
Delta R.T. -0.17 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 88 Resp: 21

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	0.0	50.6	75.8#

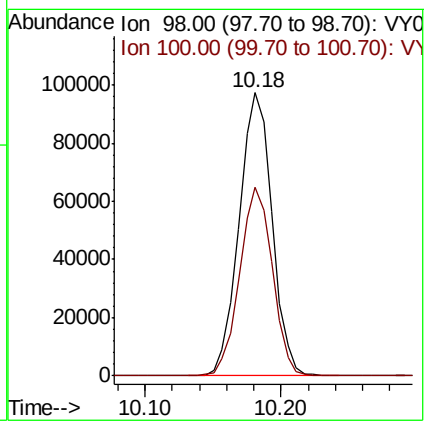


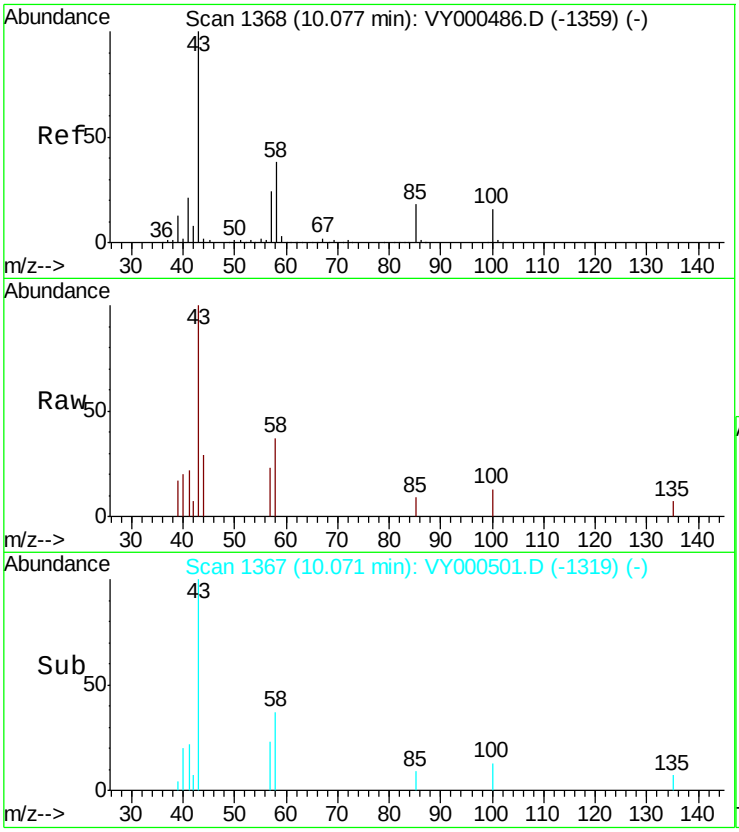


#50
Toluene-d8
Concen: 50.560 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 98 Resp: 164986

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3

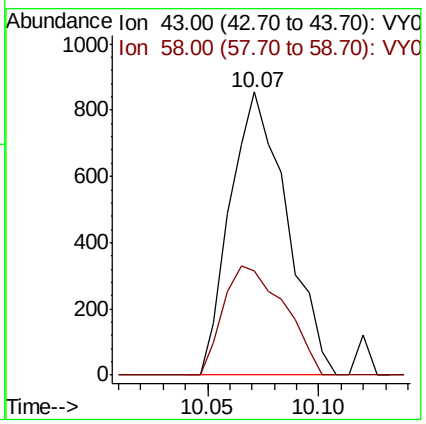


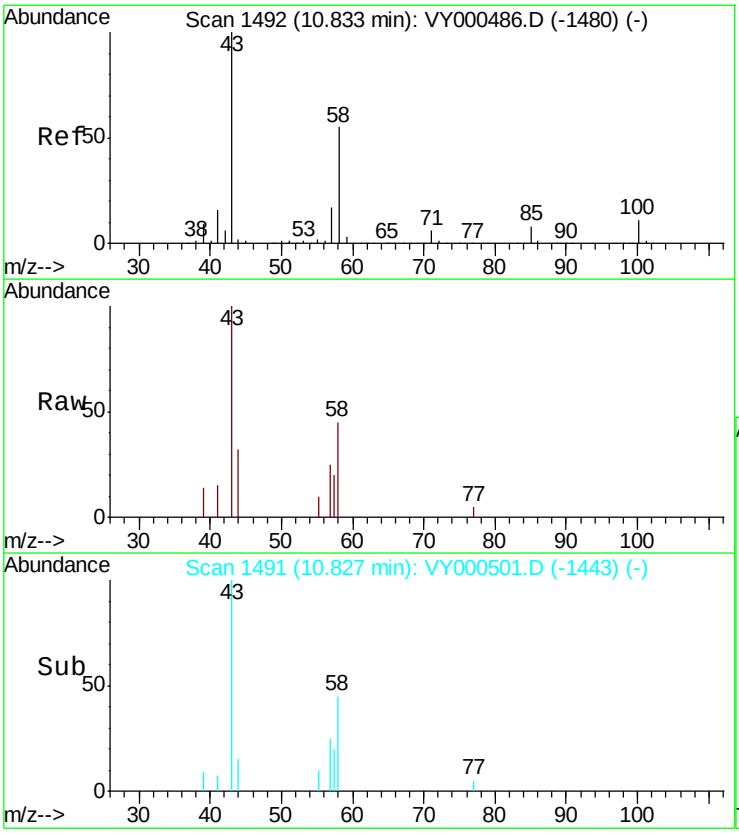


#51
4-Methyl-2-Pentanone
Concen: 1.841 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 43 Resp: 1512

Ion	Ratio	Lower	Upper
43	100		
58	41.7	30.2	45.4

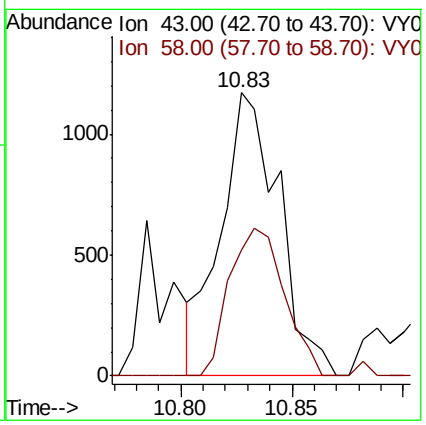


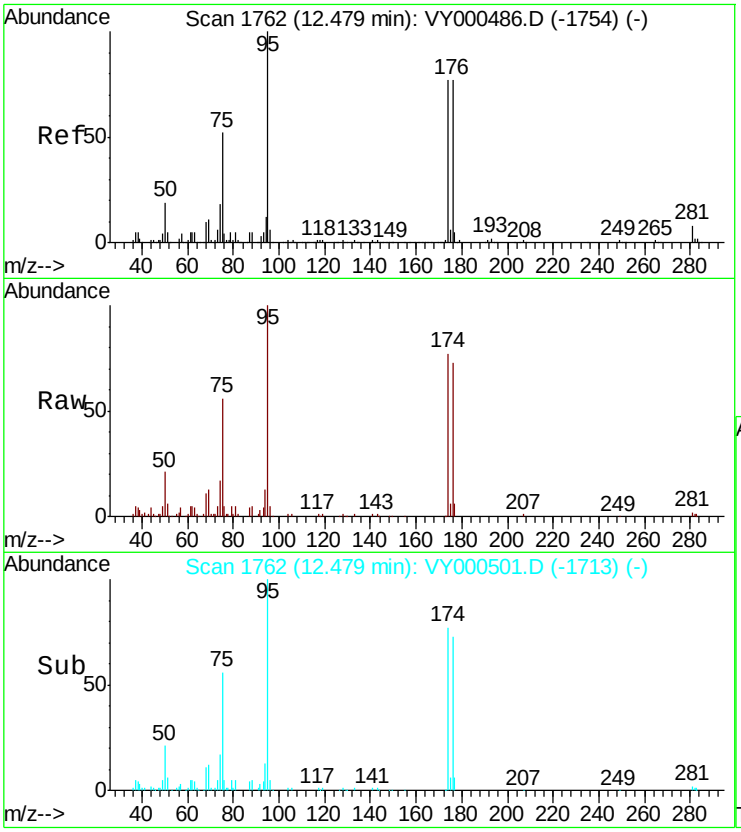


#59
2-Hexanone
Concen: 3.565 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 43 Resp: 2133

Ion	Ratio	Lower	Upper
43	100		
58	49.4	27.1	81.3

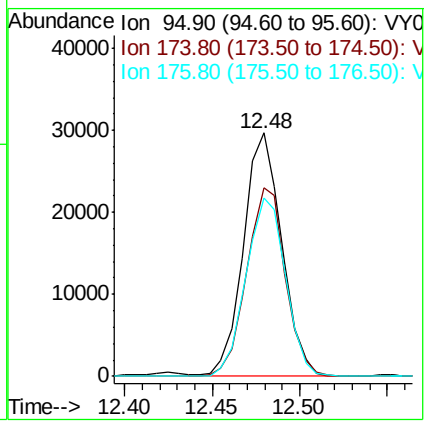


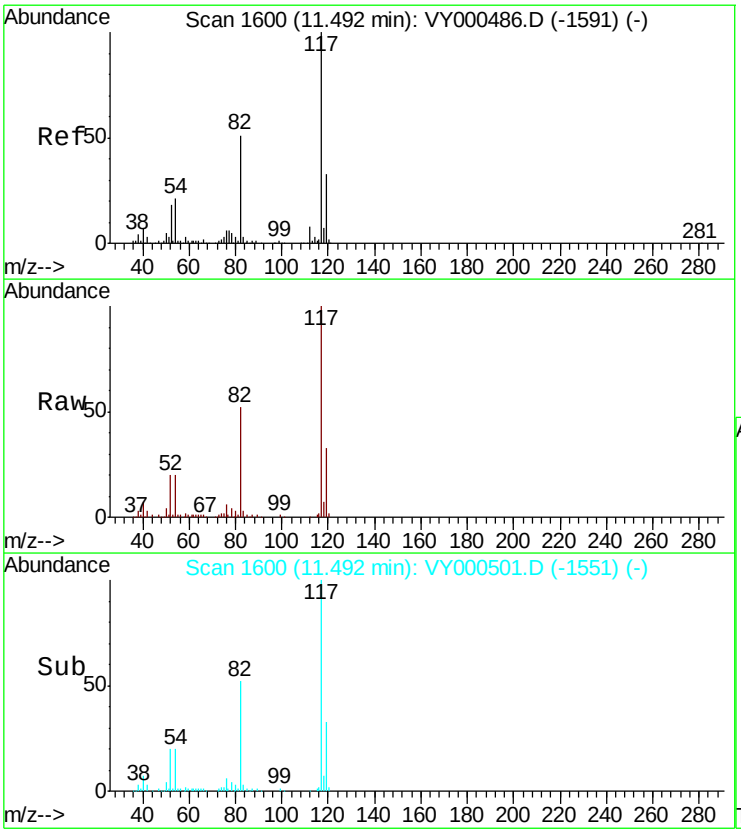


#62
4-Bromofluorobenzene
Concen: 36.551 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 95 Resp: 45406

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	161.6
176	75.7	0.0	157.8

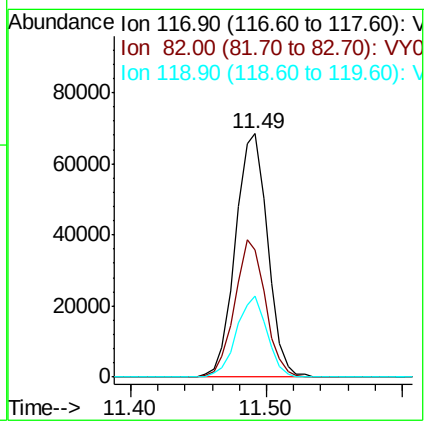


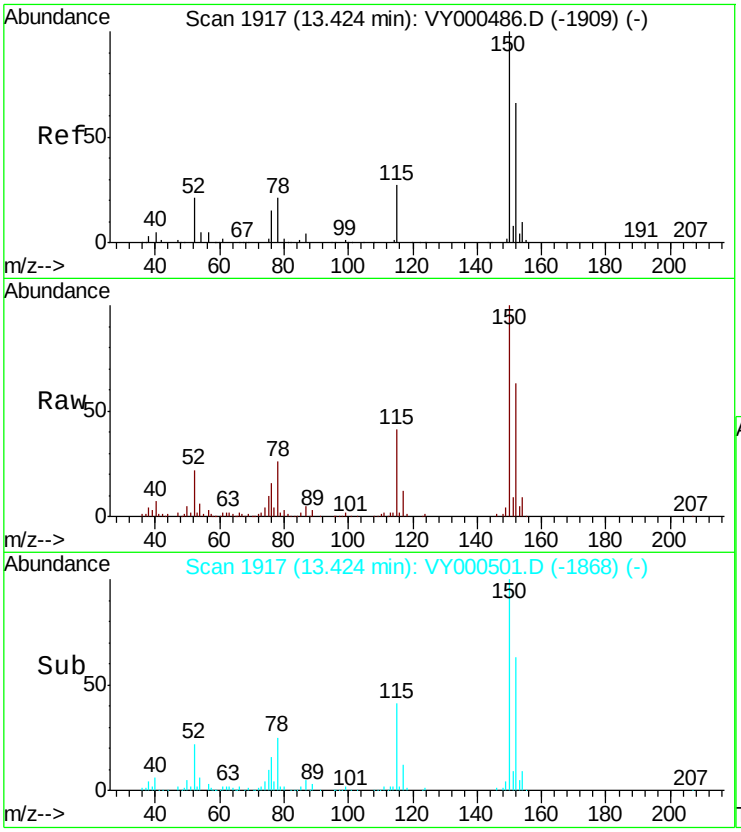


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion:117 Resp: 112905

Ion	Ratio	Lower	Upper
117	100		
82	52.3	40.8	61.2
119	33.3	26.2	39.2

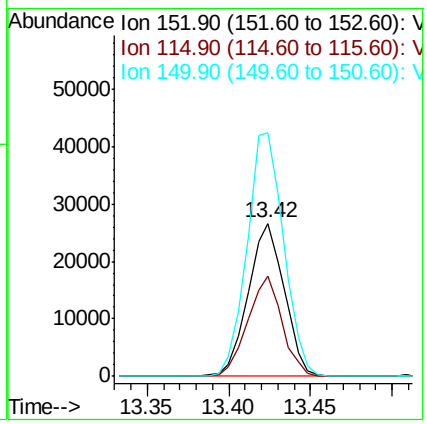


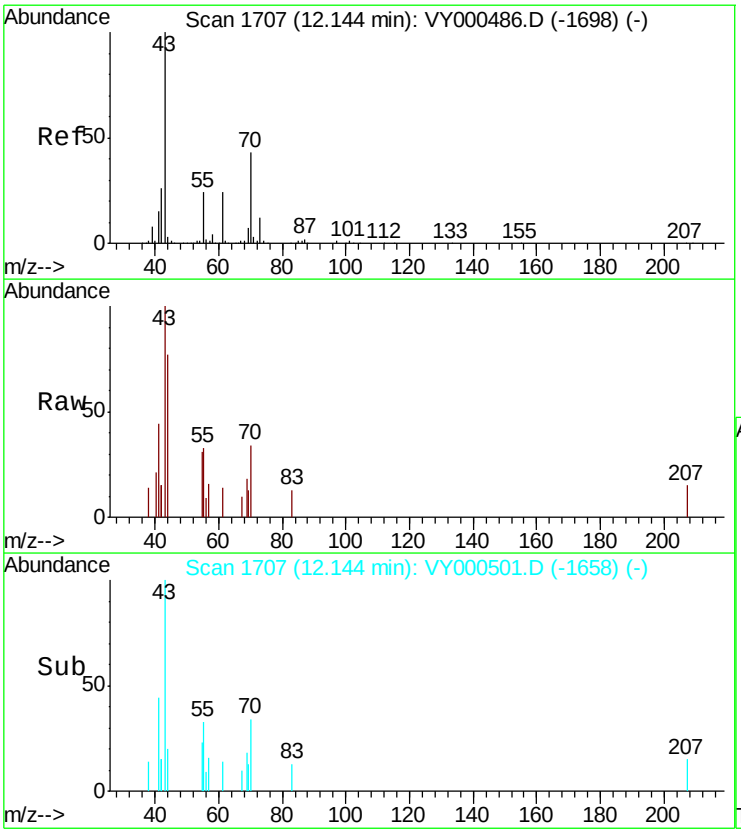


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion:152 Resp: 41002

Ion	Ratio	Lower	Upper
152	100		
115	62.5	29.1	87.4
150	162.3	0.0	348.8

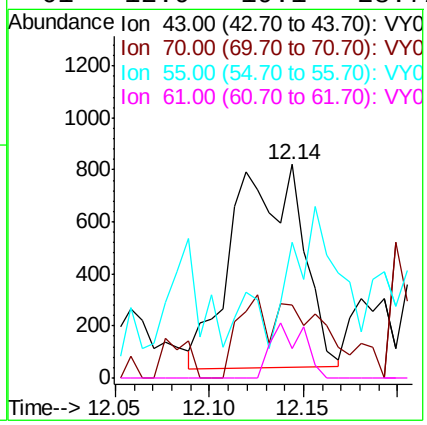


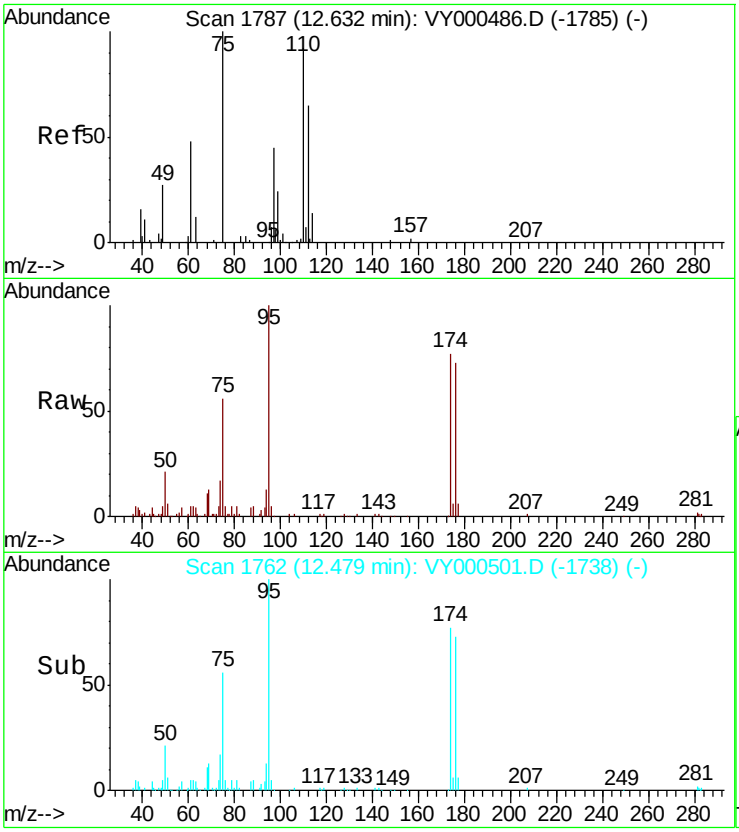


#74
N-amyl acetate
Concen: 2.283 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 43 Resp: 1981

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.1	49.7#
55	43.6	18.0	27.0#
61	12.9	19.1	28.7#

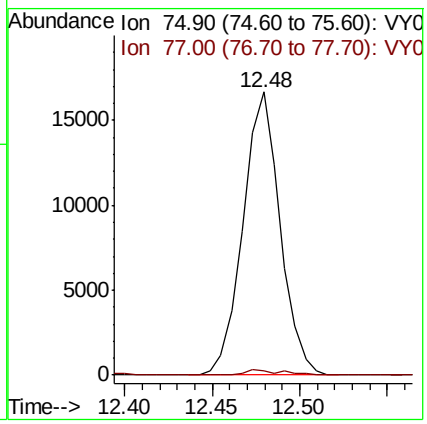


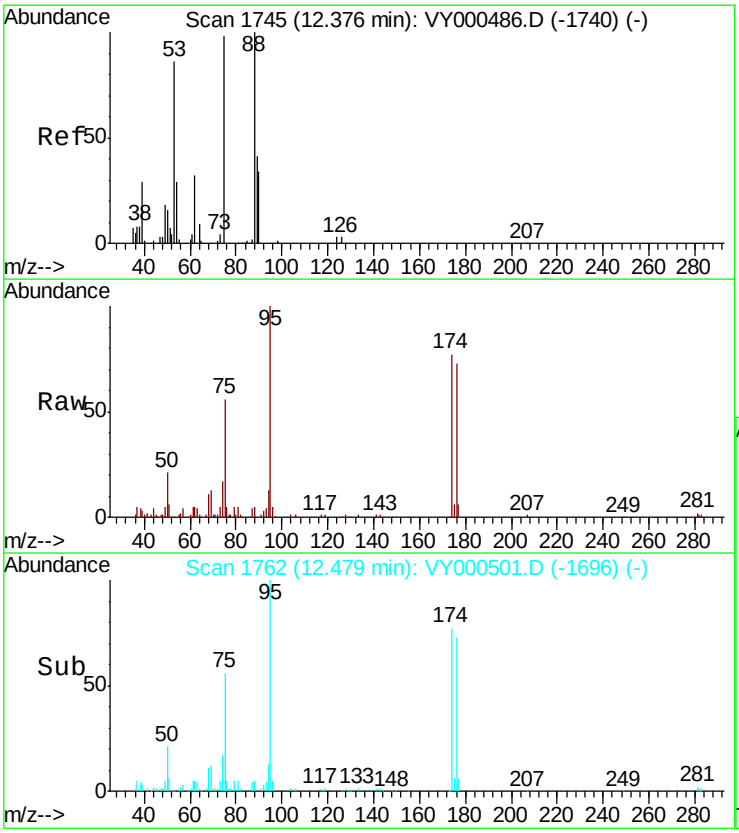


#76
1,2,3-Trichloropropane
Concen: 52.771 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 75 Resp: 24637

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#

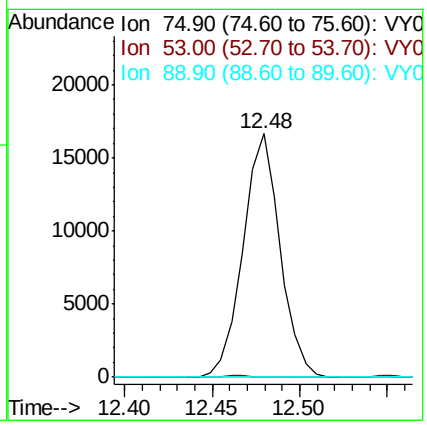


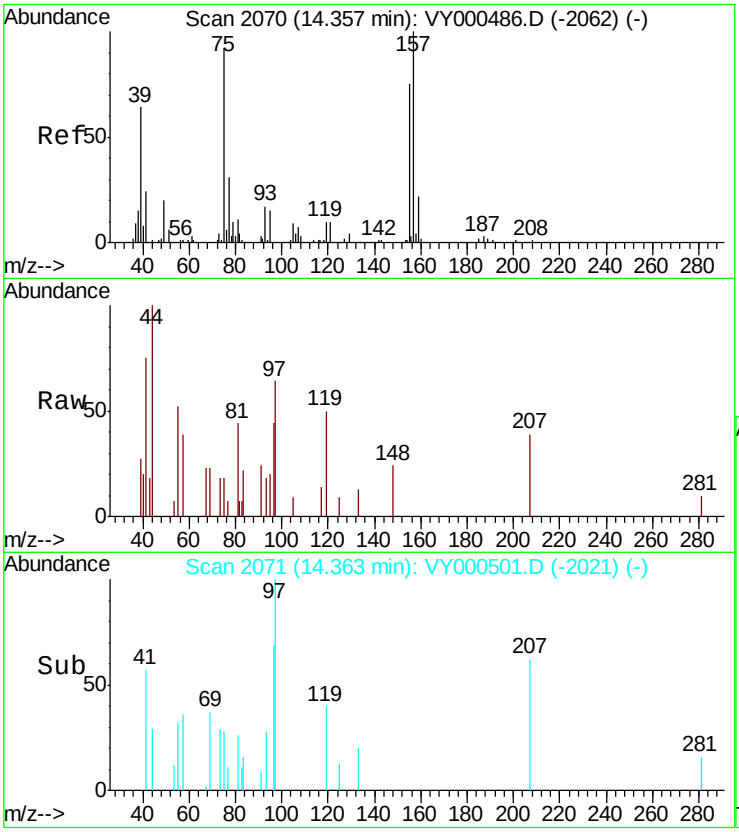


#81
trans-1,4-Dichloro-2-butene
Concen: 118.320 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 75 Resp: 24637

Ion	Ratio	Lower	Upper
75	100		
53	0.3	73.2	109.8#
89	0.0	35.9	53.9#

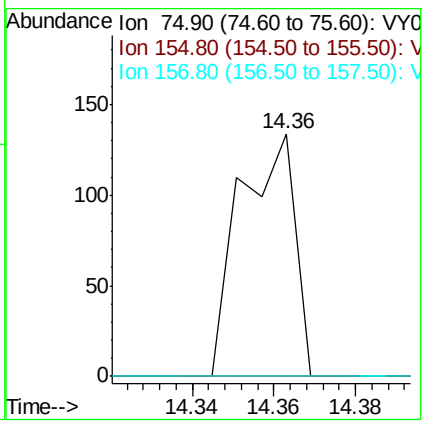


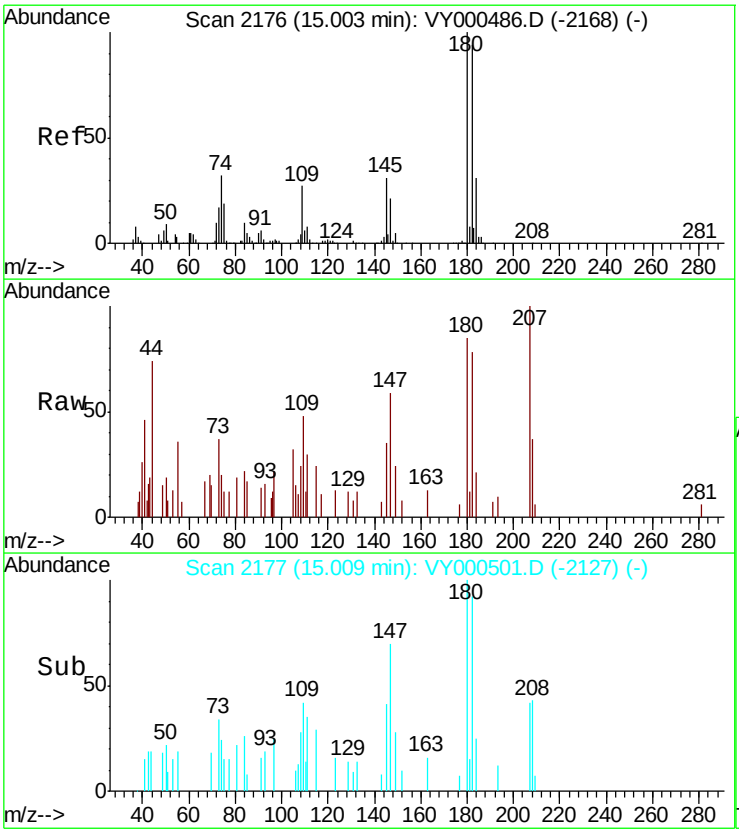


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.177 ug/l
RT: 14.36 min Scan# 2071
Delta R.T. 0.01 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion: 75 Resp: 125

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.4	127.1#
157	0.0	55.1	165.3#

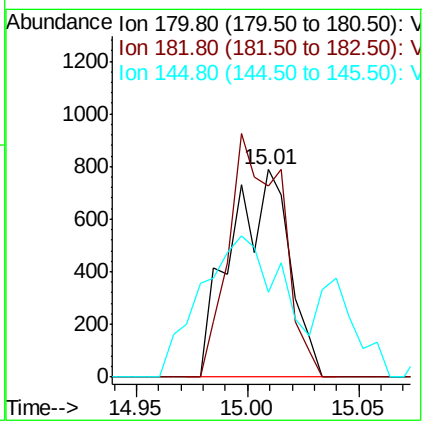


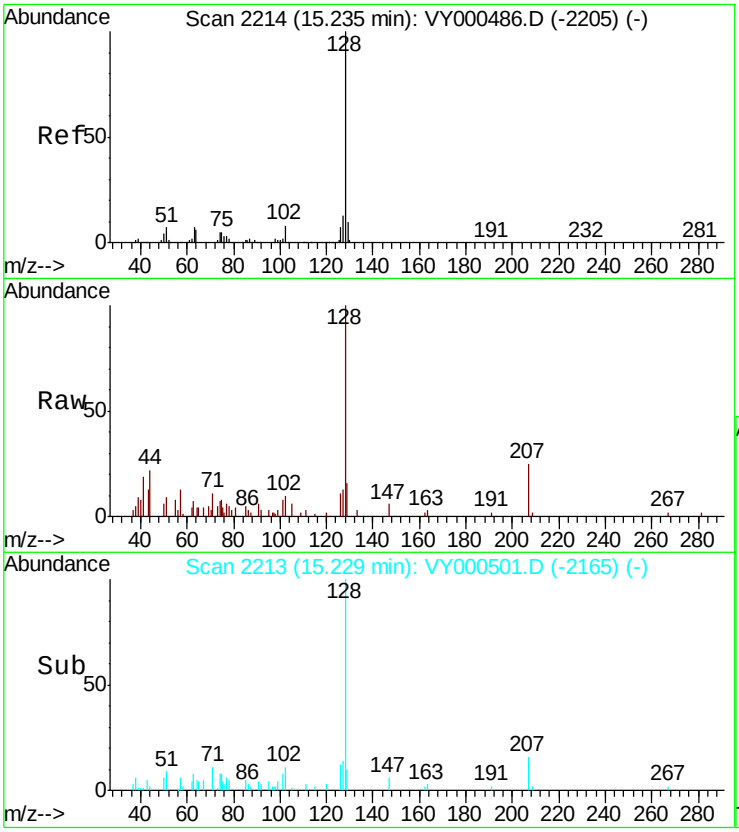


#93
1,2,4-Trichlorobenzene
Concen: 1.732 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. 0.01 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion:180 Resp: 1440

Ion	Ratio	Lower	Upper
180	100		
182	105.5	47.8	143.4
145	94.9	16.0	47.9#

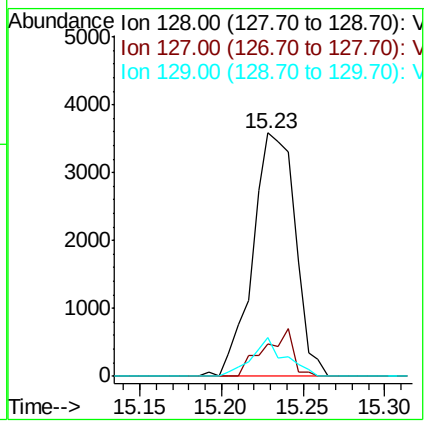


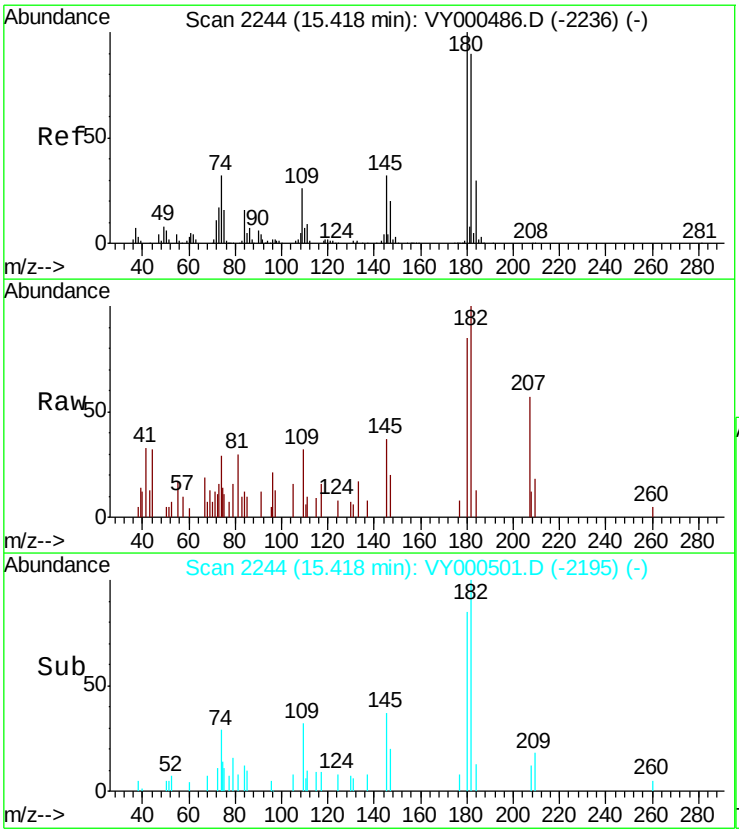


#95
Naphthalene
Concen: 3.493 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion:128 Resp: 6448

Ion	Ratio	Lower	Upper
128	100		
127	13.5	9.8	14.6
129	12.7	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 1.815 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion:180 Resp: 1354

Ion	Ratio	Lower	Upper
180	100		
182	126.5	47.4	142.3
145	63.2	15.7	47.0#