Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
Data File : VY000510.D
Acq On : 31 Oct 2019 17:44
Operator : SY/MD
Sample : K5138-01RE
Misc : 8.71G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 01 05:52:31 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	206471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	360327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	309160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	125758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	119688	56.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.04%			
35) Dibromofluoromethane	7.73	113	106210	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.42%			
50) Toluene-d8	10.18	98	414452	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.26%			
62) 4-Bromofluorobenzene	12.48	95	131238	42.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.90%			
Target Compounds						Qvalue
10) Methyl Iodide	4.10	142	249	3.283	ug/l #	88
11) Tert butyl alcohol	4.97	59	666	3.202	ug/l #	72
16) Acetone	3.95	43	2716	4.612	ug/l #	82
20) Methylene Chloride	4.72	84	7757	3.074	ug/l #	72
31) Cyclohexane	7.80	56	4315	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16026	4.705	ug/l #	49
38) Carbon Tetrachloride	7.80	117	19943	6.084	ug/l #	15
49) 1,4-Dioxane	9.53	88	36	1.979	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	69353	48.433	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	69353	108.594	ug/l #	13

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

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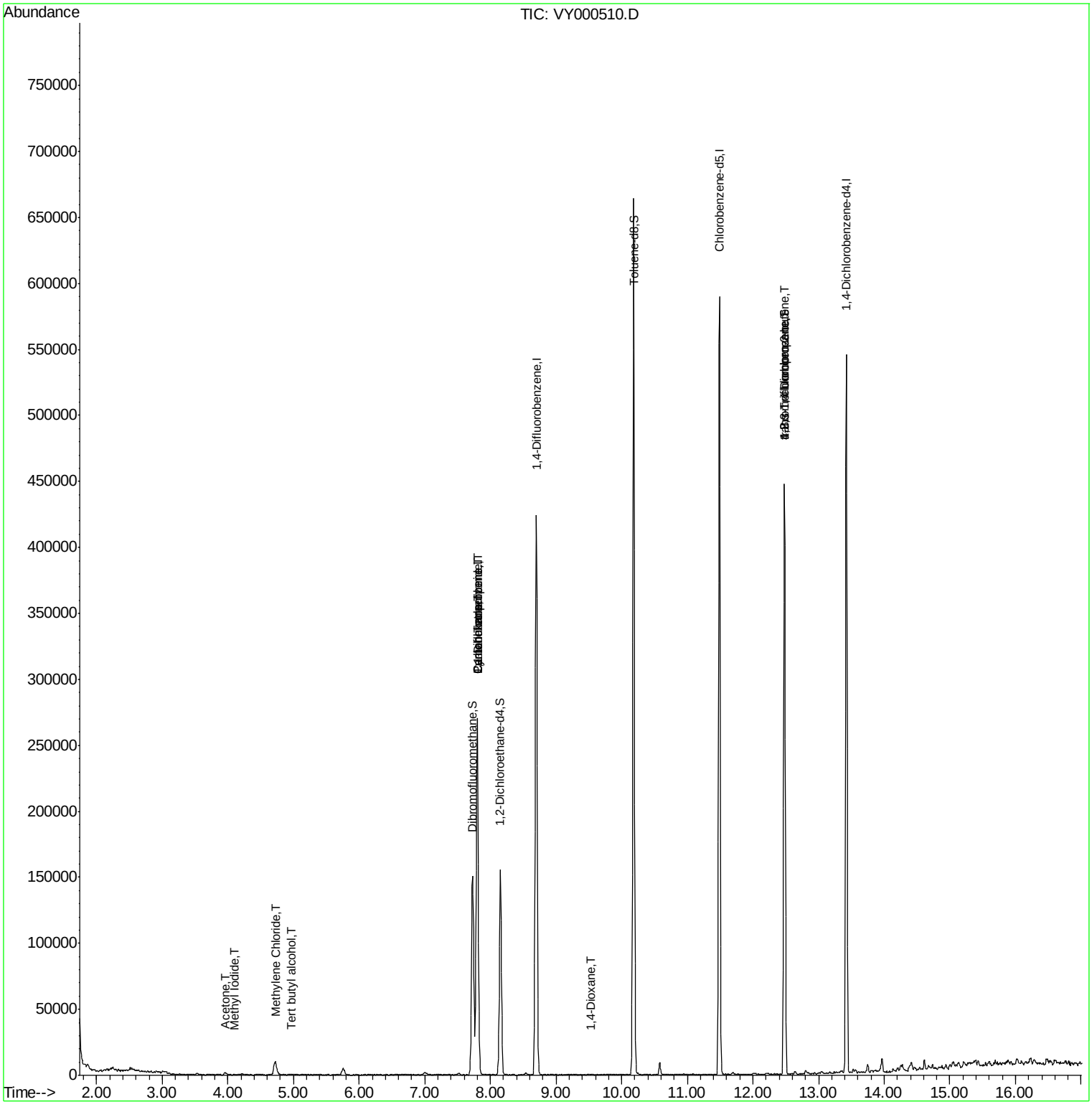
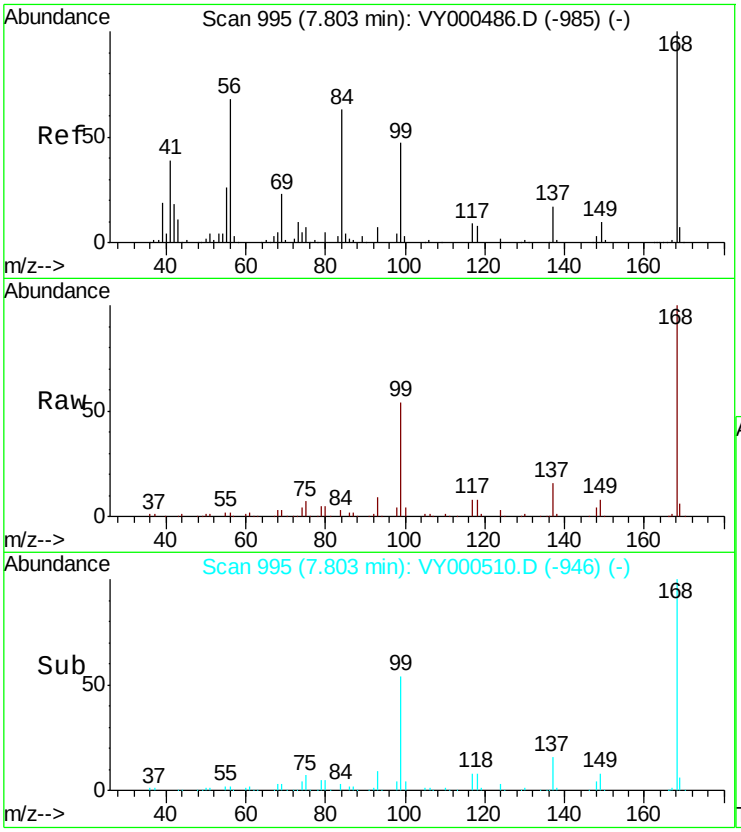
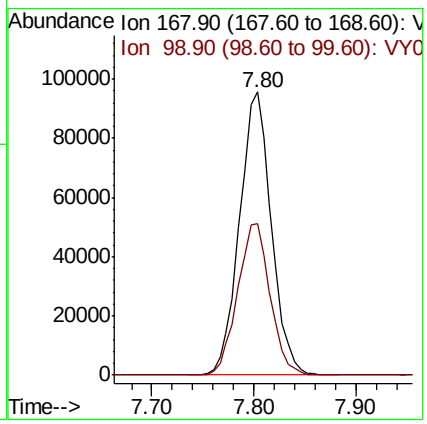


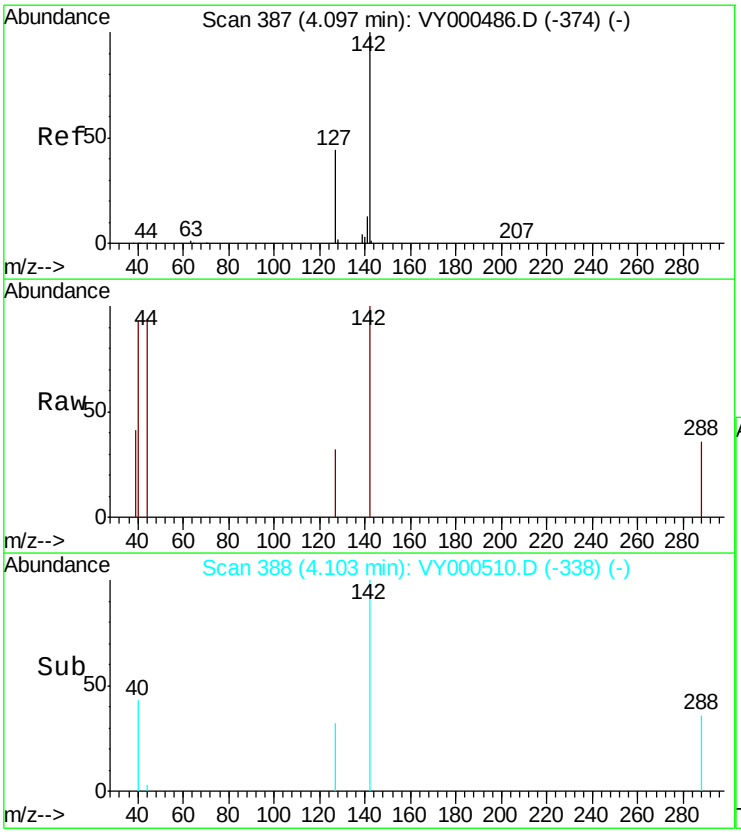


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion:168 Resp: 206471

Ion	Ratio	Lower	Upper
168	100		
99	53.6	45.7	68.5

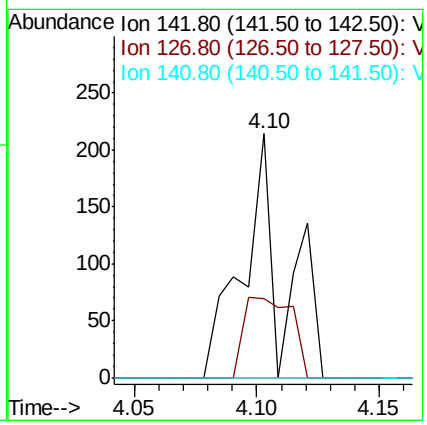


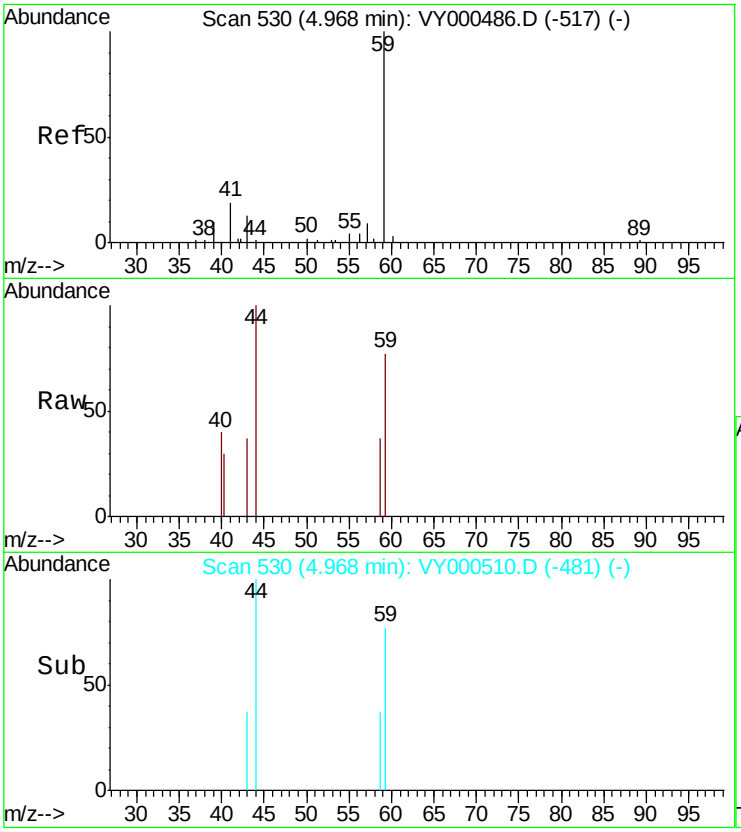


#10
Methyl Iodide
Concen: 3.283 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion:142 Resp: 249

Ion	Ratio	Lower	Upper
142	100		
127	39.0	33.7	50.5
141	0.0	10.9	16.3#

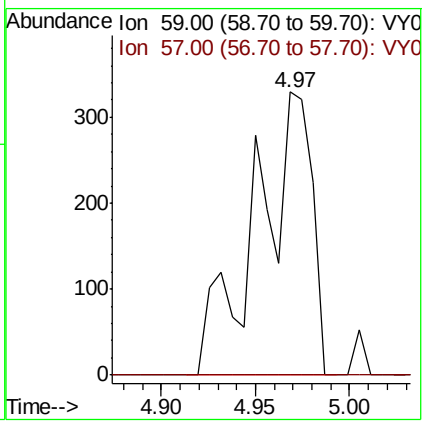


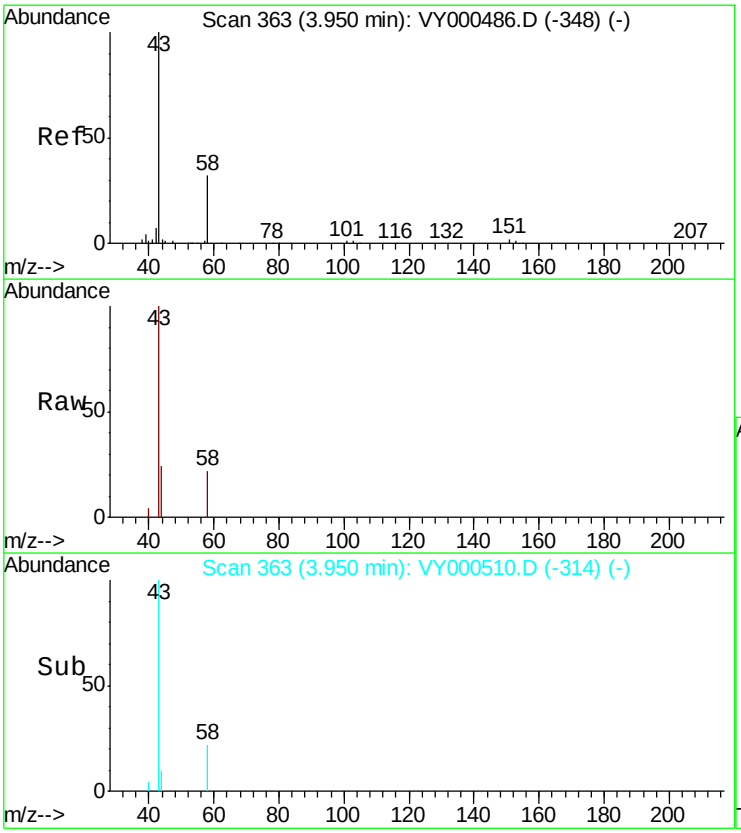


#11
Tert butyl alcohol
Concen: 3.202 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion: 59 Resp: 666

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

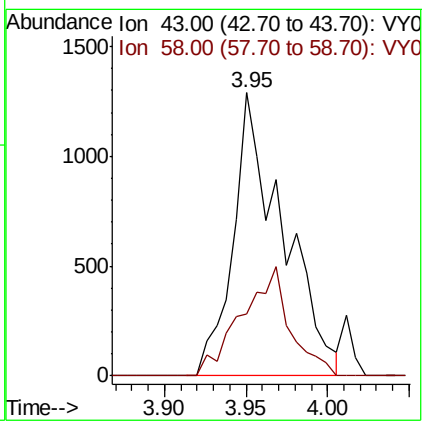


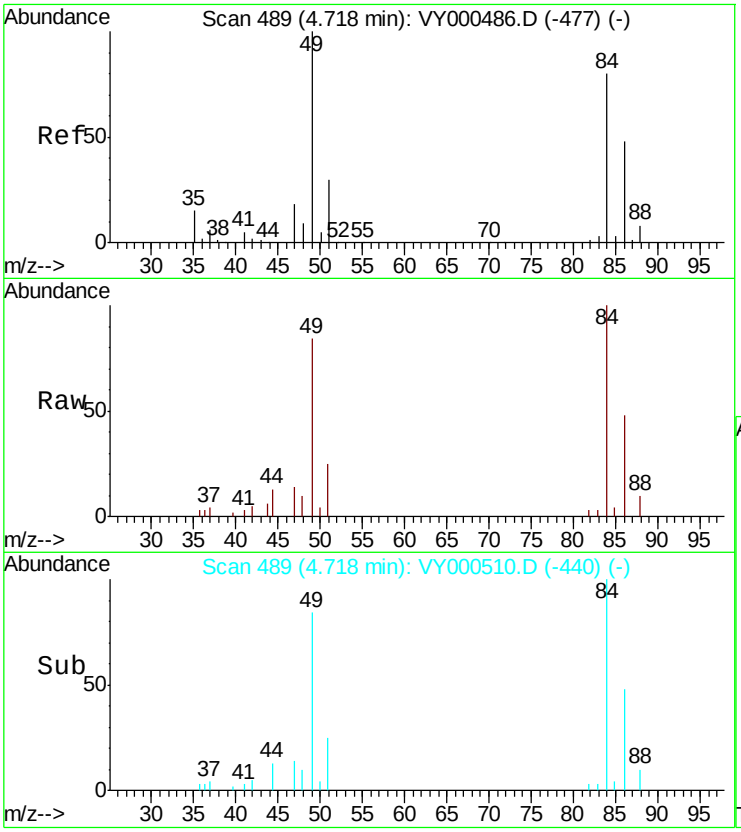


#16
Acetone
Concen: 4.612 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion: 43 Resp: 2716

Ion	Ratio	Lower	Upper
43	100		
58	22.0	25.8	38.6#

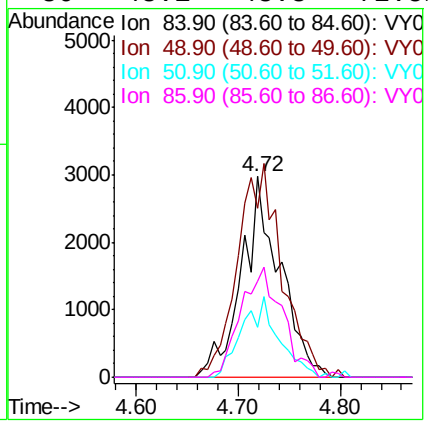


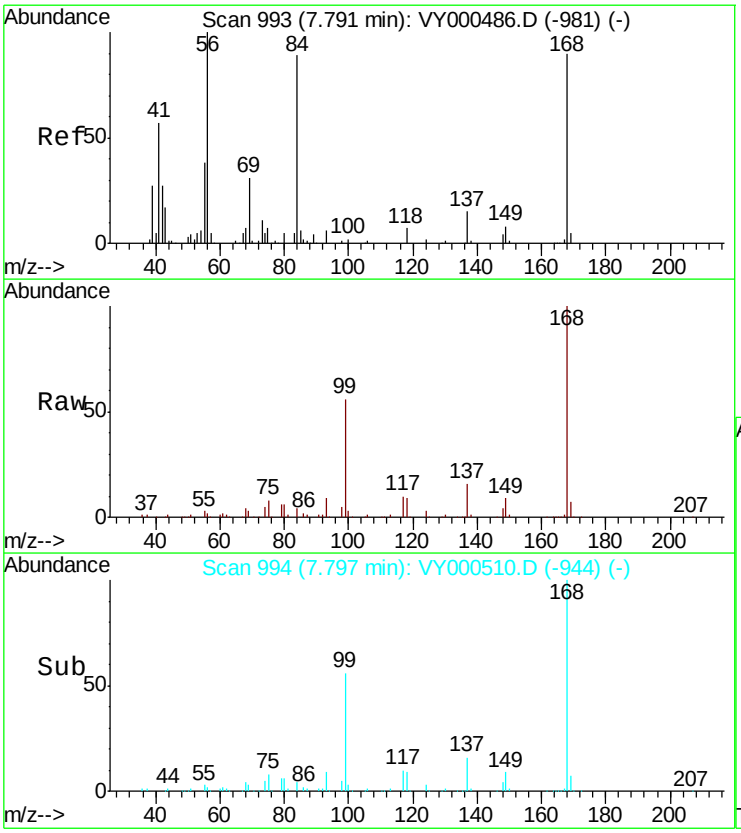


#20
Methylene Chloride
Concen: 3.074 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion: 84 Resp: 7757

Ion	Ratio	Lower	Upper
84	100		
49	84.4	100.2	150.4#
51	25.0	29.6	44.4#
86	48.1	48.3	72.5#

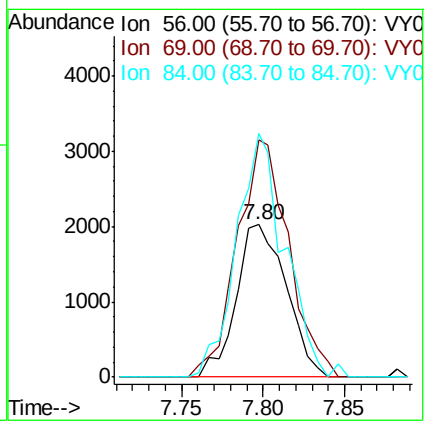


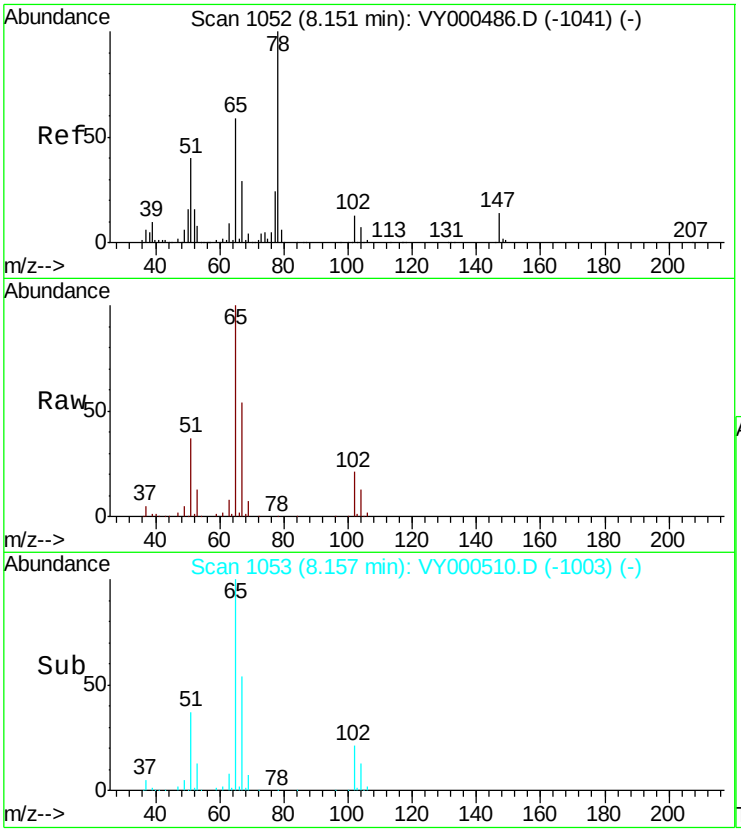


#31
Cyclohexane
Concen: 1.043 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion: 56 Resp: 4315

Ion	Ratio	Lower	Upper
56	100		
69	156.0	25.0	37.6#
84	159.9	71.4	107.2#

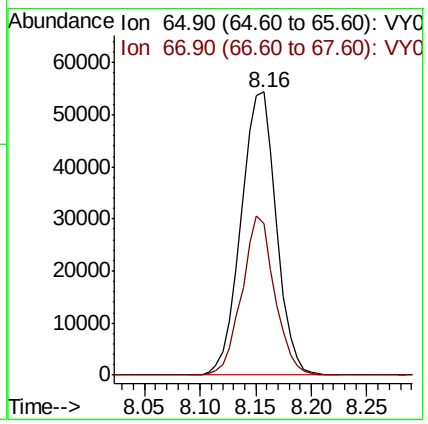


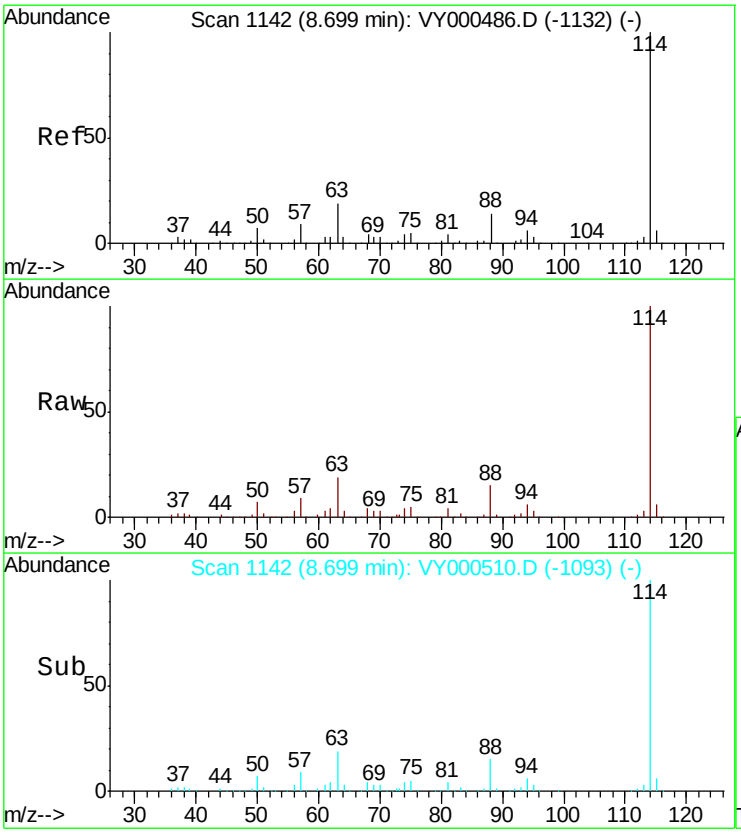


#33
1,2-Dichloroethane-d4
Concen: 56.015 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion: 65 Resp: 119688

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.2

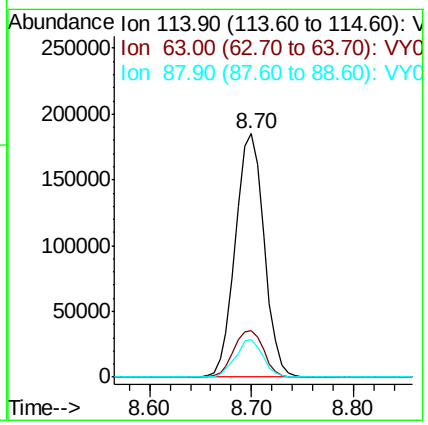


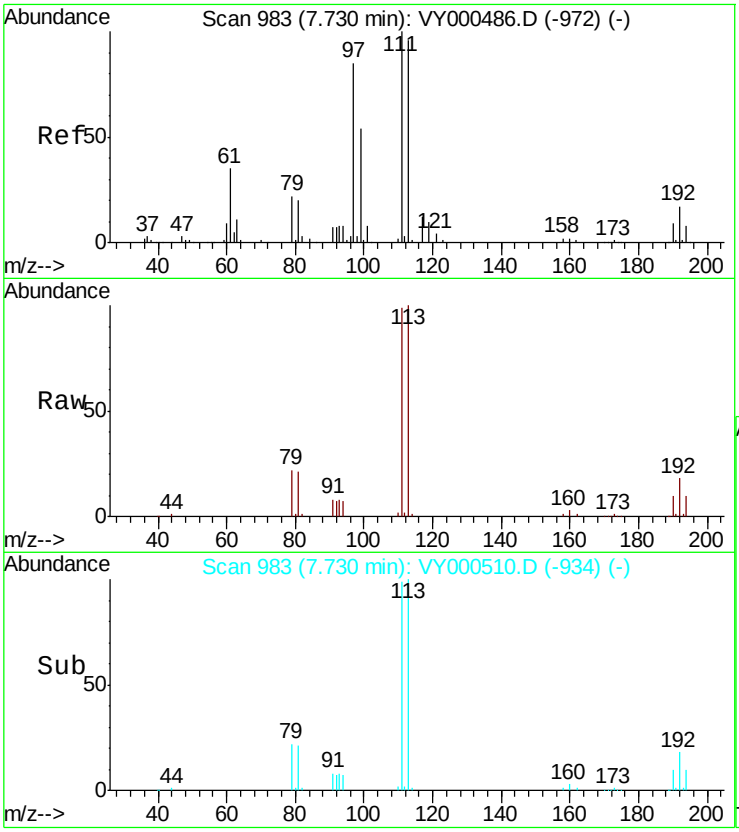


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion:114 Resp: 360327

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.0
88	15.4	0.0	28.6

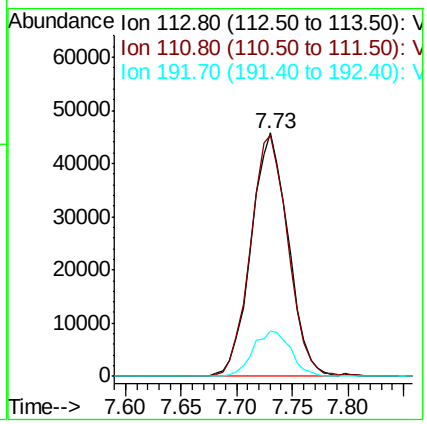


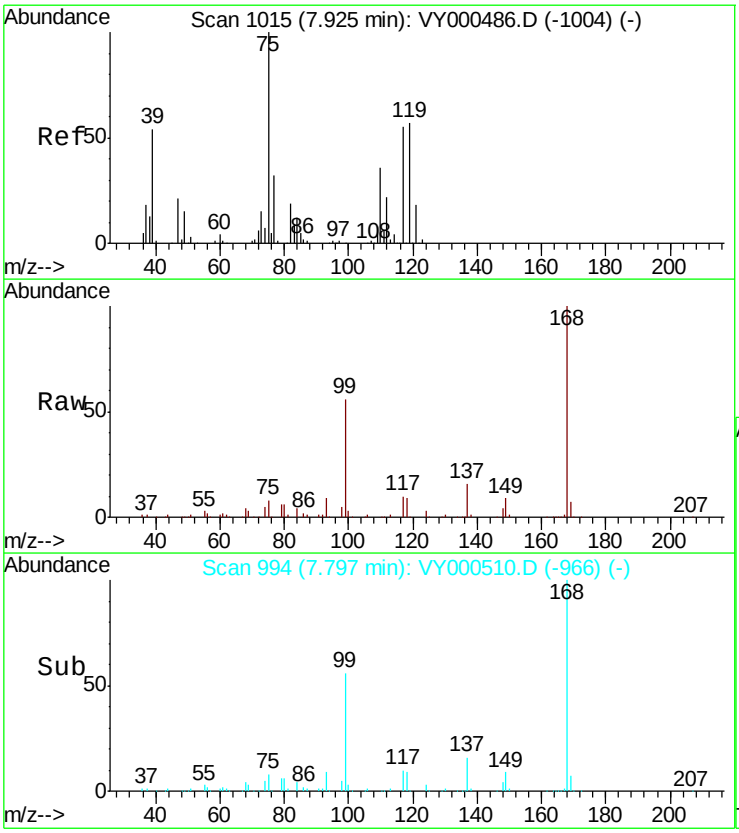


#35
Dibromofluoromethane
Concen: 50.209 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion:113 Resp: 106210

Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.7	122.5
192	18.8	15.0	22.4

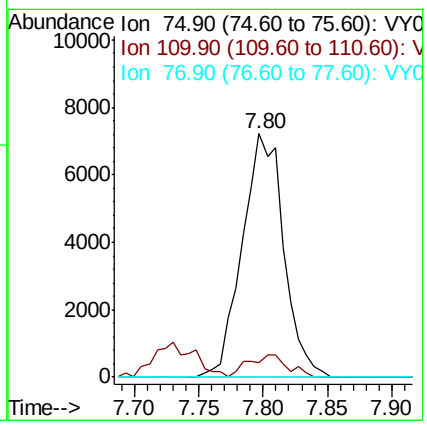


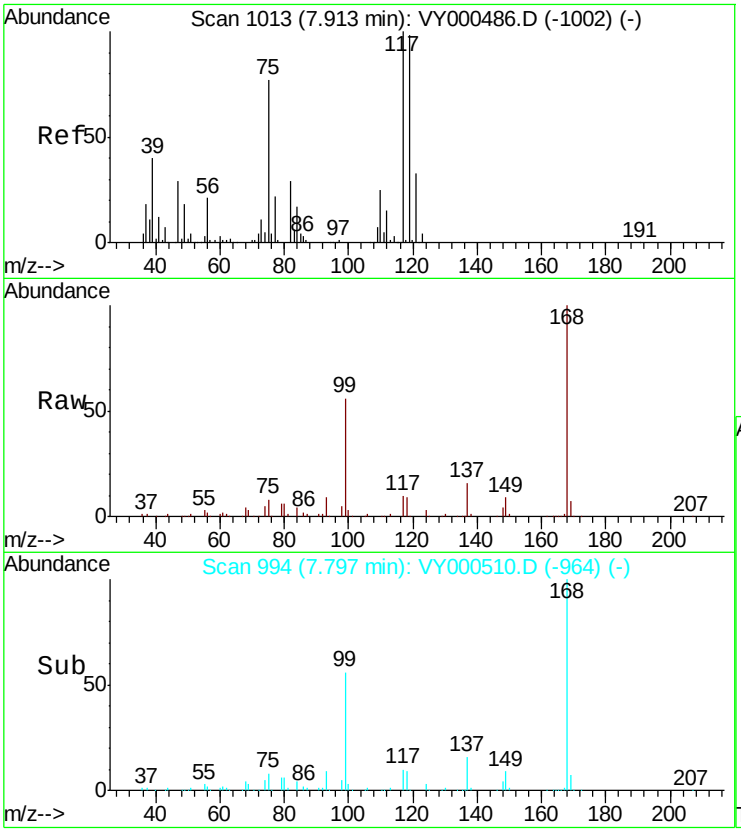


#36
1,1-Dichloropropene
Concen: 4.705 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion: 75 Resp: 16026

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.1#
77	0.0	25.0	37.6#

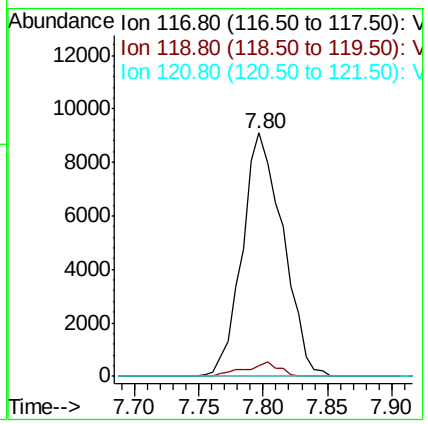


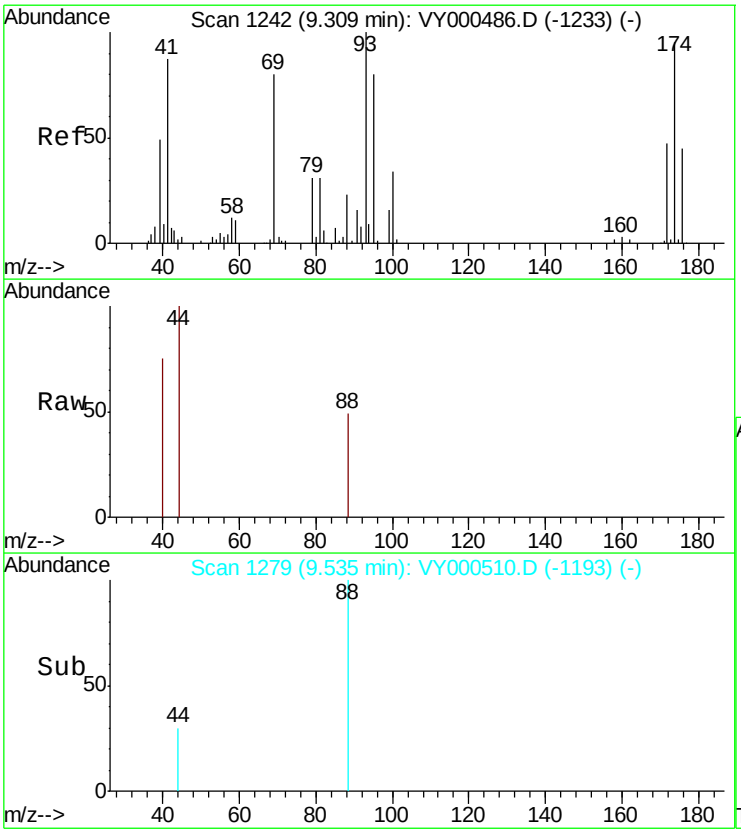


#38
Carbon Tetrachloride
Concen: 6.084 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion:117 Resp: 19943

Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.0	117.0#
121	0.0	26.6	40.0#

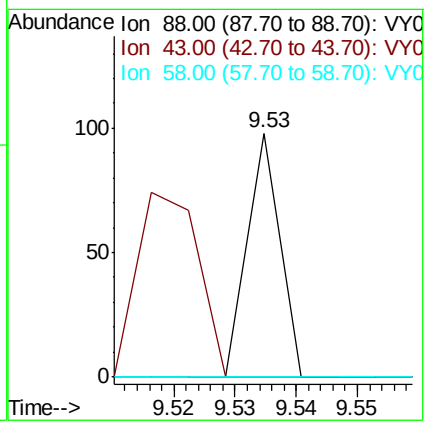


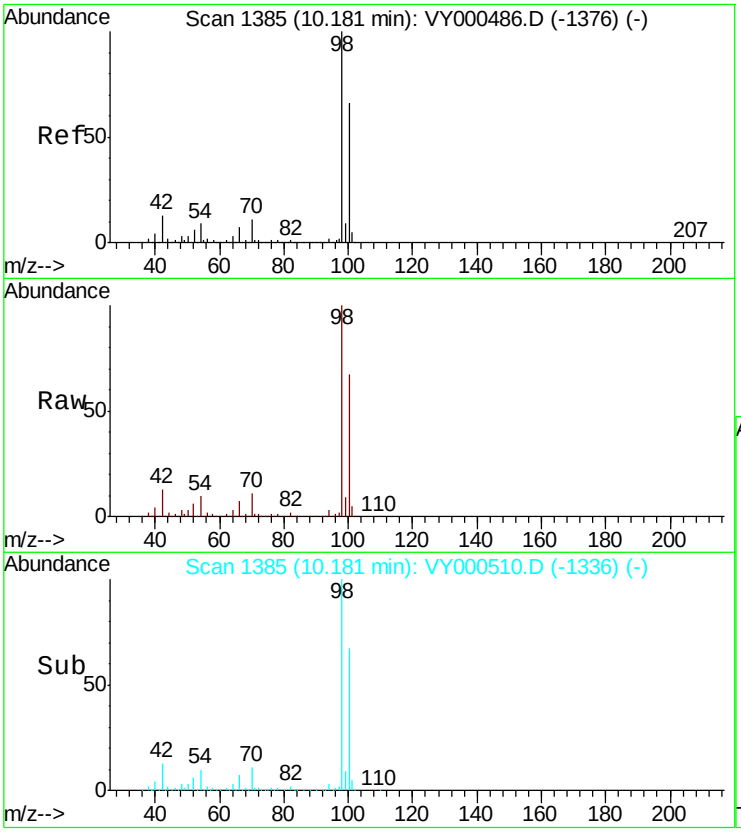


#49
1,4-Dioxane
Concen: 1.979 ug/l
RT: 9.53 min Scan# 1279
Delta R.T. 0.23 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion: 88 Resp: 36

Ion	Ratio	Lower	Upper
88	100		
43	144.4	25.1	37.7#
58	0.0	50.6	75.8#

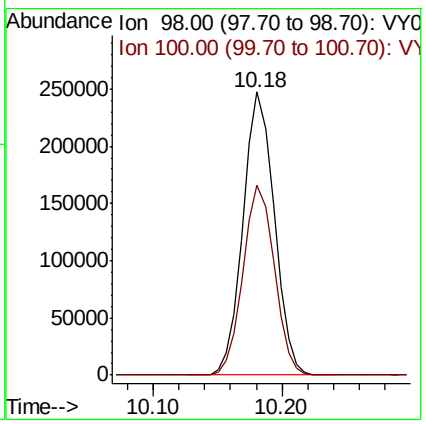


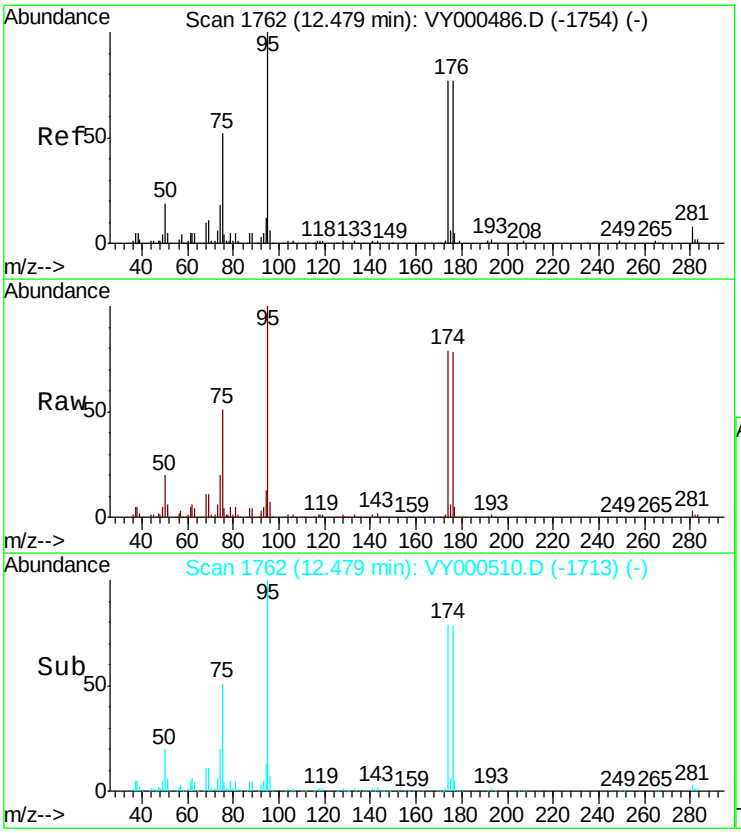


#50
Toluene-d8
Concen: 51.635 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion: 98 Resp: 414452

Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.9	79.3

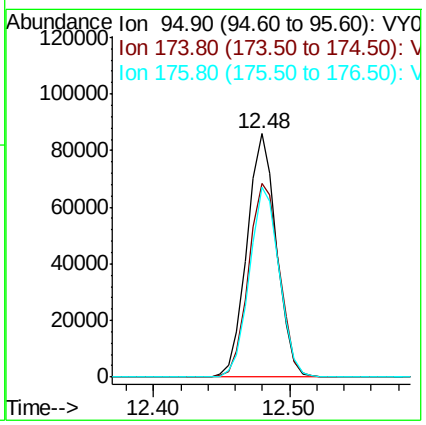


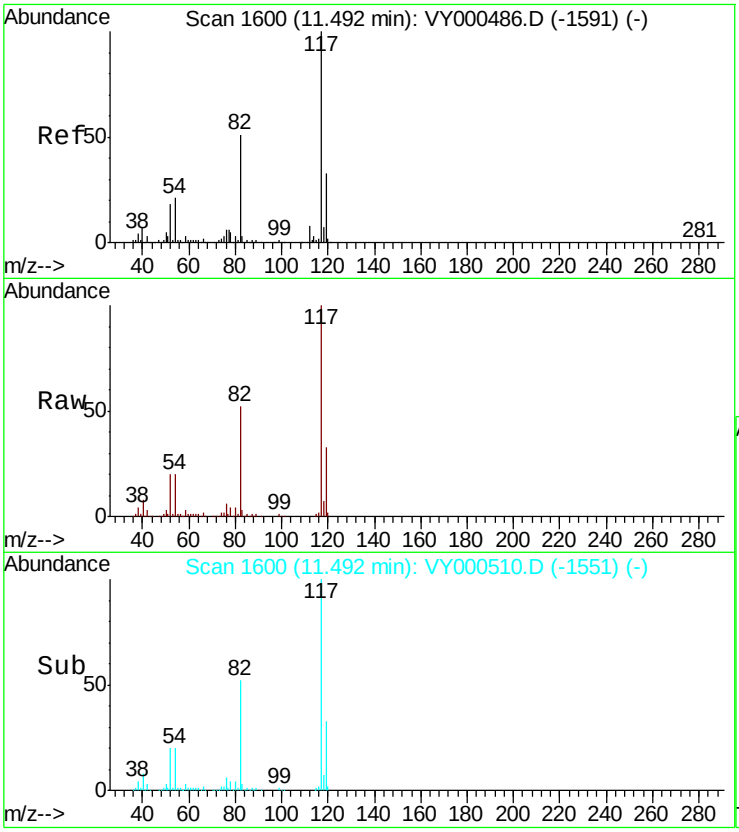


#62
4-Bromofluorobenzene
Concen: 42.949 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion: 95 Resp: 131238

Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	161.6
176	78.8	0.0	157.8

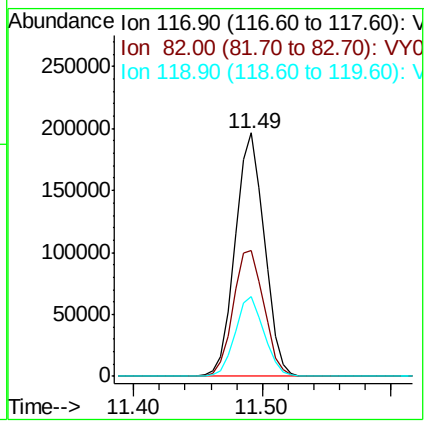


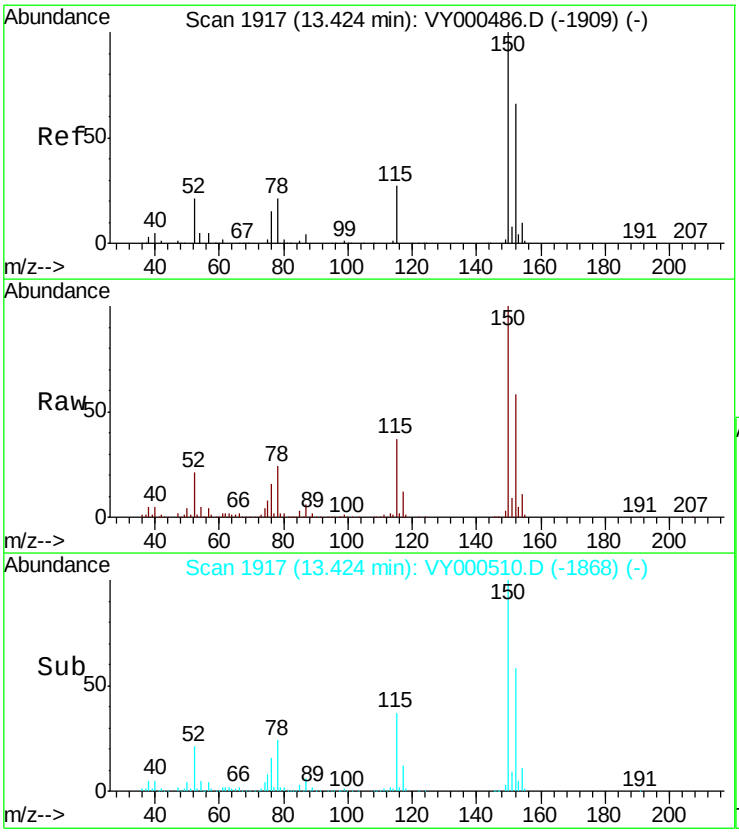


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion:117 Resp: 309160

Ion	Ratio	Lower	Upper
117	100		
82	51.9	40.8	61.2
119	33.0	26.2	39.2

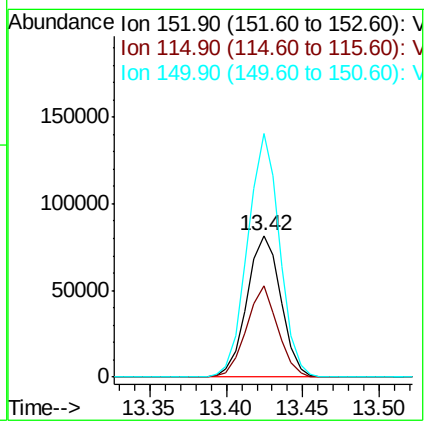


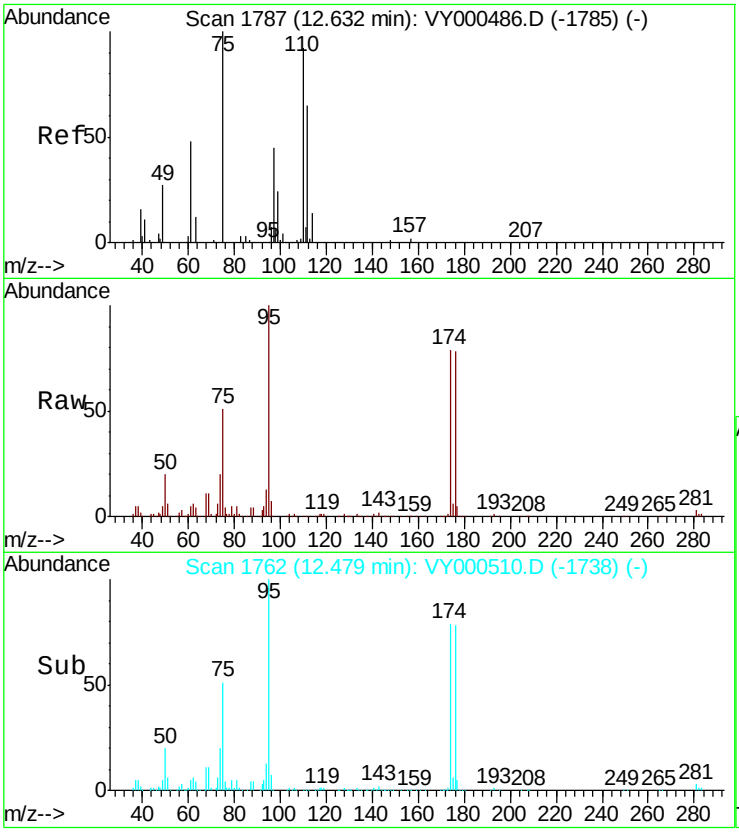


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion:152 Resp: 125758

Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.1	87.4
150	162.4	0.0	348.8

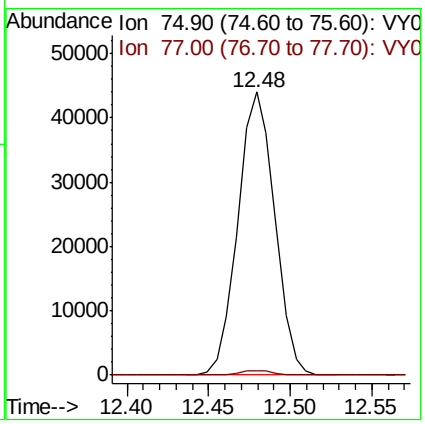


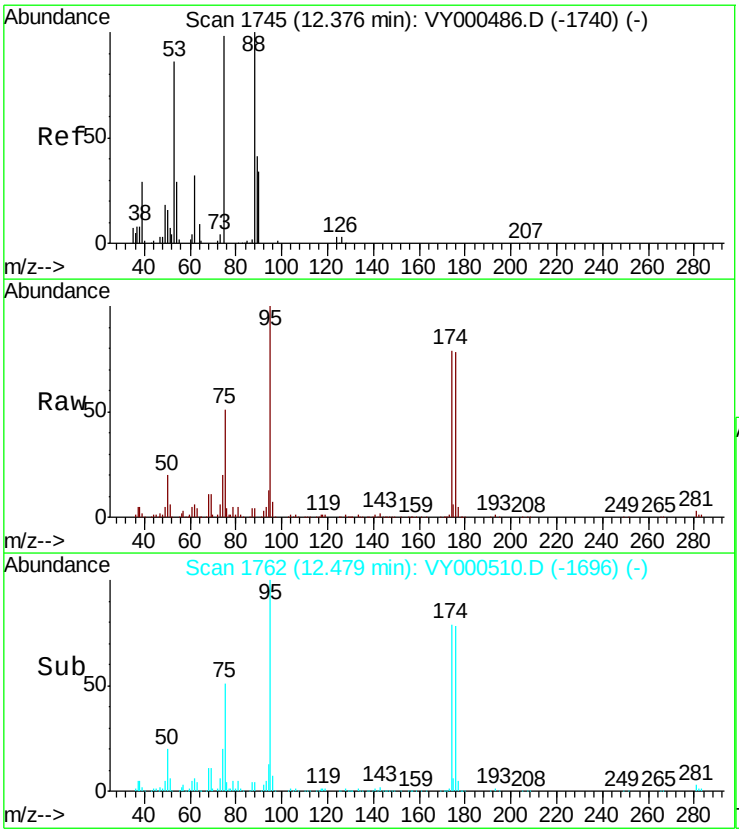


#76
1,2,3-Trichloropropane
Concen: 48.433 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion: 75 Resp: 69353

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 108.594 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion: 75 Resp: 69353

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.2	109.8#
89	0.1	35.9	53.9#