Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112119\
Data File : VY000772.D
Acq On : 21 Nov 2019 16:48
Operator : SY/MD
Sample : K5948-02
Misc : 7.36G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B-1-6-12

Quant Time: Nov 22 03:15:19 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	329705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	608521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	529189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	231499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	188262	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.36%			
35) Dibromofluoromethane	7.73	113	173847	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.32%			
50) Toluene-d8	10.18	98	718025	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.94%			
62) 4-Bromofluorobenzene	12.48	95	236579	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.68%			
Target Compounds						Qvalue
10) Methyl Iodide	4.10	142	339	3.270	ug/l #	49
11) Tert butyl alcohol	4.97	59	1025	3.086	ug/l #	72
16) Acetone	3.96	43	14555	15.478	ug/l	98
17) Carbon Disulfide	4.20	76	68853	6.629	ug/l	100
20) Methylene Chloride	4.72	84	11831	2.936	ug/l #	82
25) 2-Butanone	7.00	43	5160	3.438	ug/l	94
28) Bromochloromethane	7.33	49	84	4.119	ug/l #	49
31) Cyclohexane	7.80	56	7279	1.102	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	27330	4.751	ug/l #	48
38) Carbon Tetrachloride	7.80	117	31679	5.723	ug/l #	15
49) 1,4-Dioxane	9.19	88	51	1.660	ug/l #	1
65) Chlorobenzene	11.51	112	15920	1.484	ug/l #	85
74) N-amyl acetate	12.12	43	7074	1.444	ug/l #	74
76) 1,2,3-Trichloropropane	12.48	75	118867	45.095	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	118867	101.109	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.12	105	23863	1.682	ug/l	91

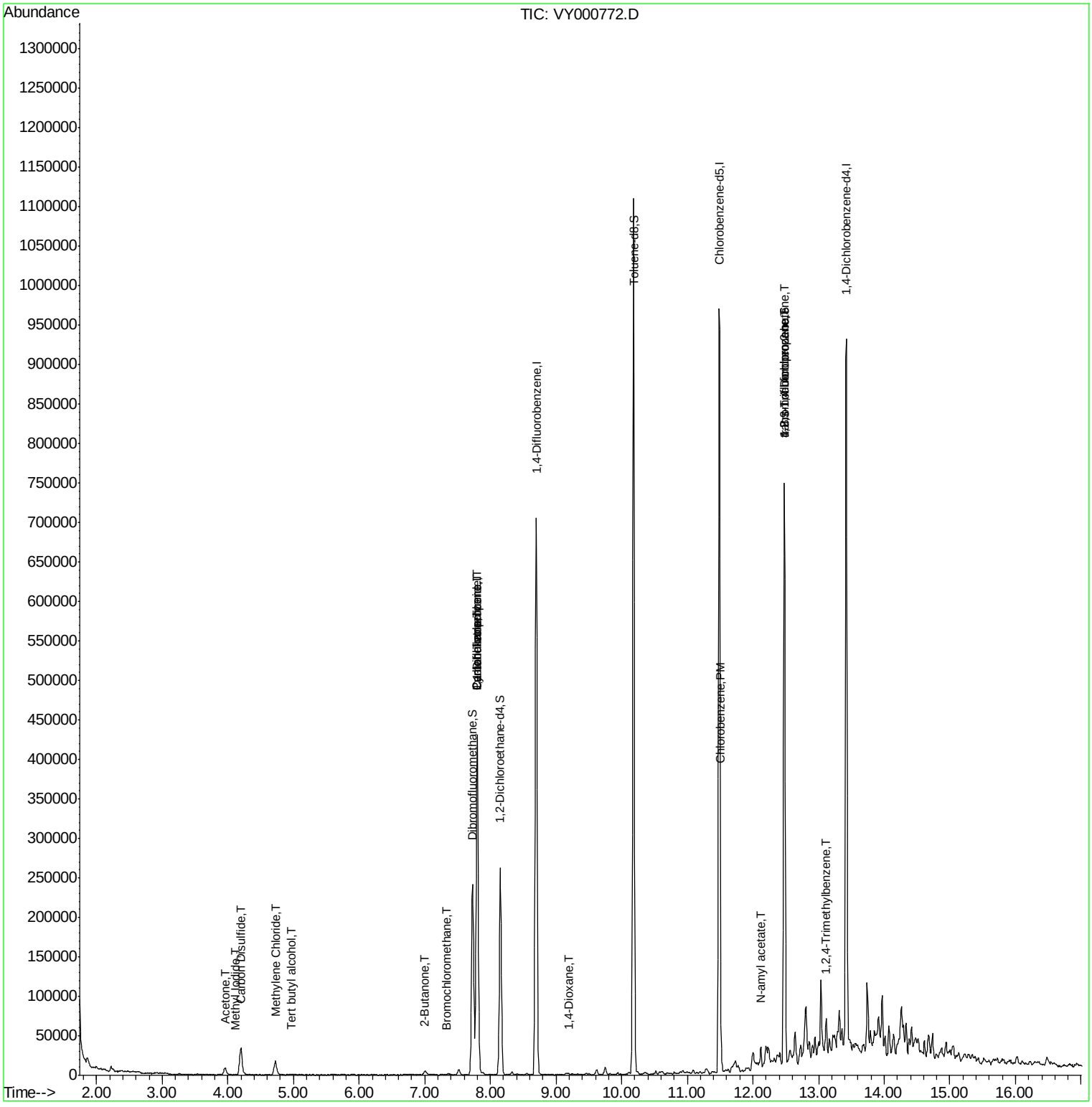
(#) = qualifier out of range (m) = manual integration (+) = signals summed

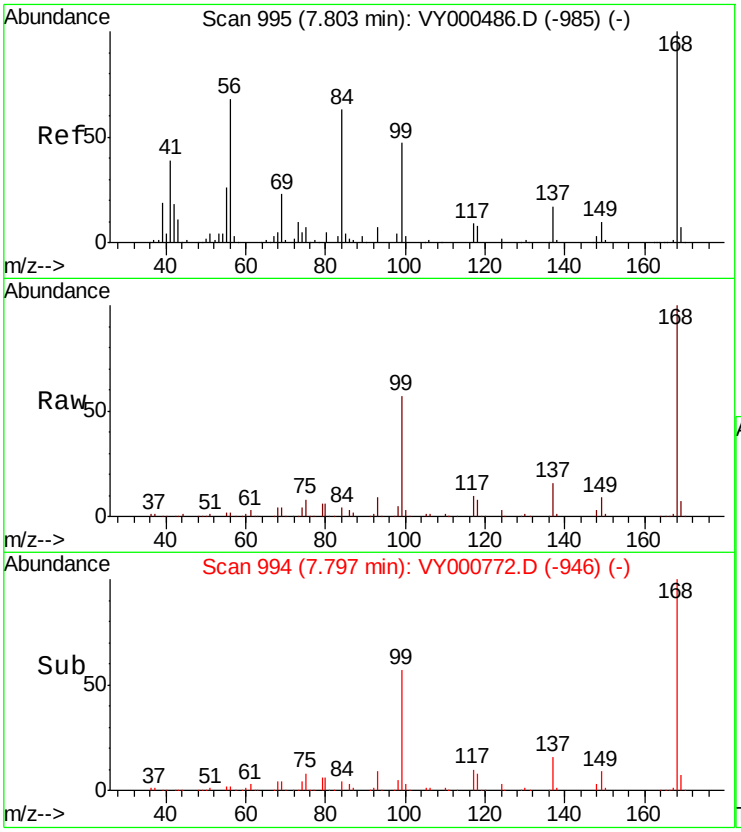
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112119\
Data File : VY000772.D
Acq On : 21 Nov 2019 16:48
Operator : SY/MD
Sample : K5948-02
Misc : 7.36G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B-1-6-12

Quant Time: Nov 22 03:15:19 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



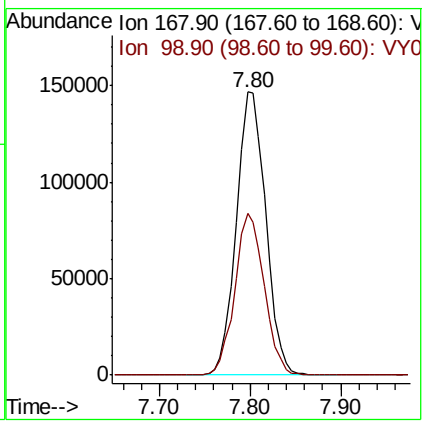


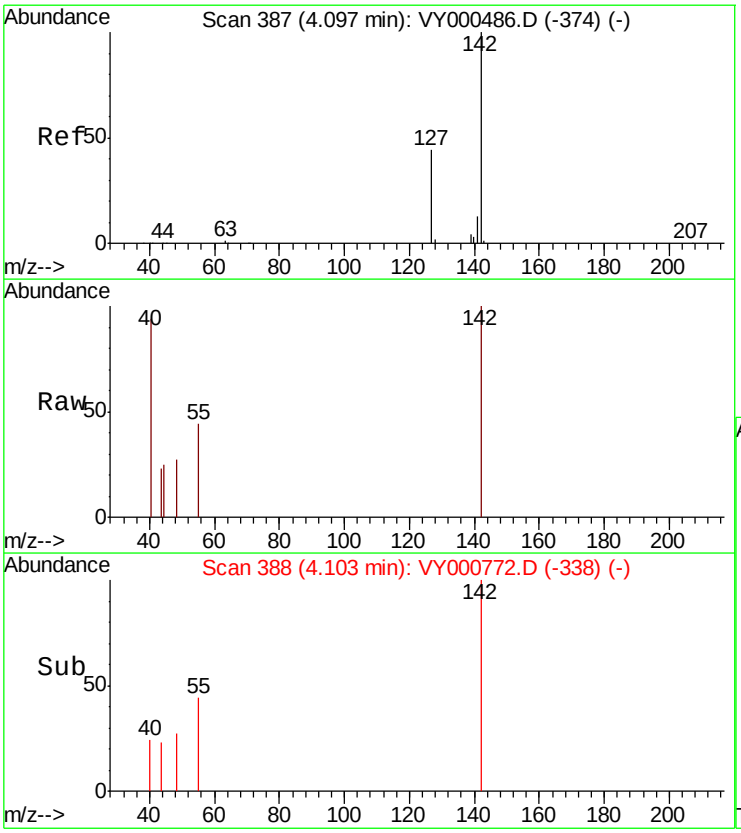
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :
B-1-6-12

Tgt Ion:168 Resp: 329705

Ion	Ratio	Lower	Upper
168	100		
99	57.0	45.7	68.5

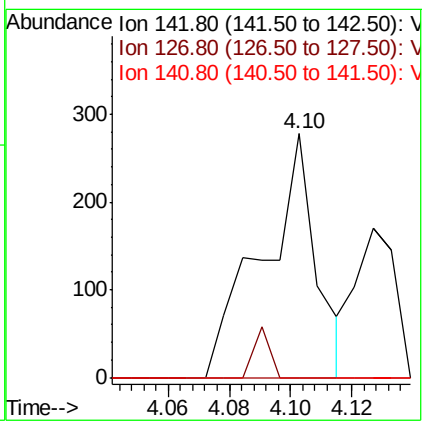


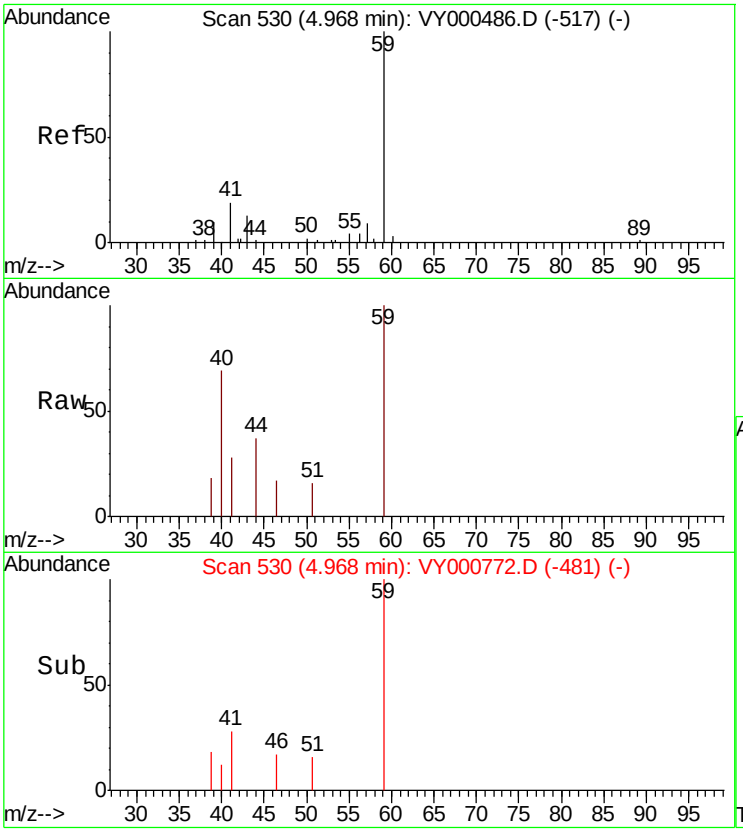


#10
Methyl Iodide
Concen: 3.270 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion:142 Resp: 339

Ion	Ratio	Lower	Upper
142	100		
127	6.2	33.7	50.5#
141	0.0	10.9	16.3#



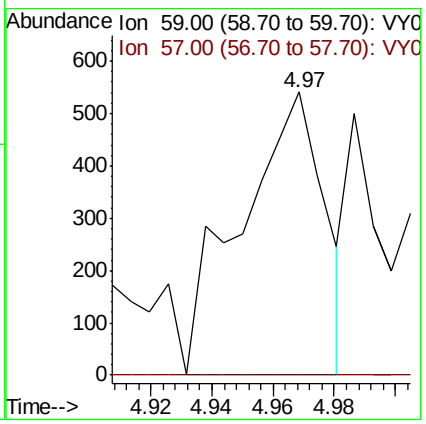


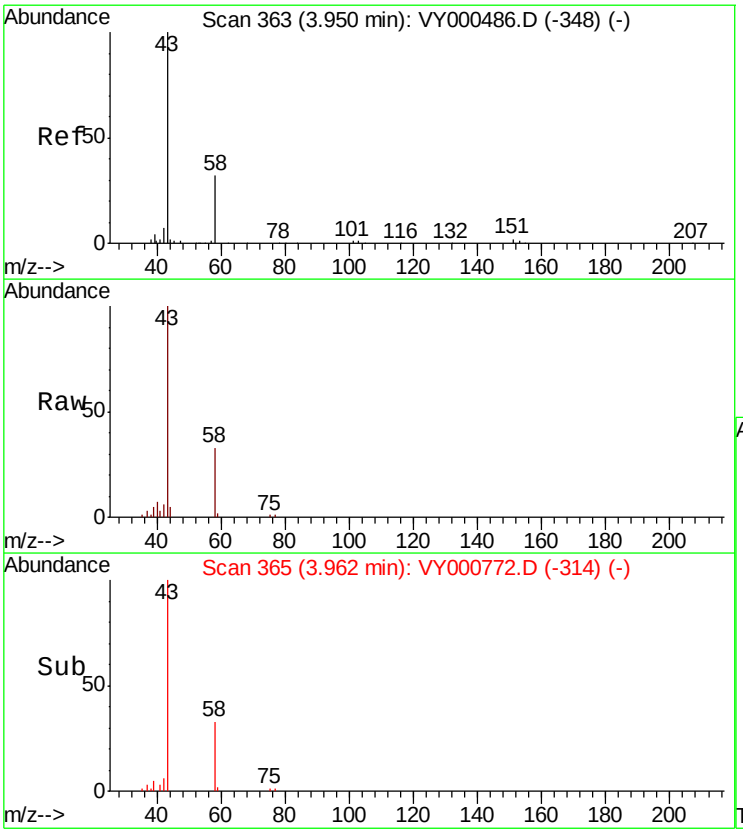
#11
Tert butyl alcohol
Concen: 3.086 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Instrument : MSVOA_Y
ClientSampleId : B-1-6-12

Tgt Ion: 59 Resp: 1025

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

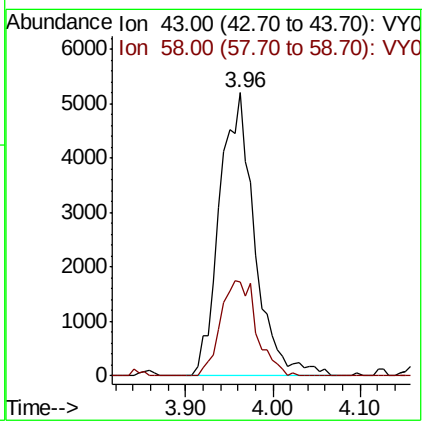


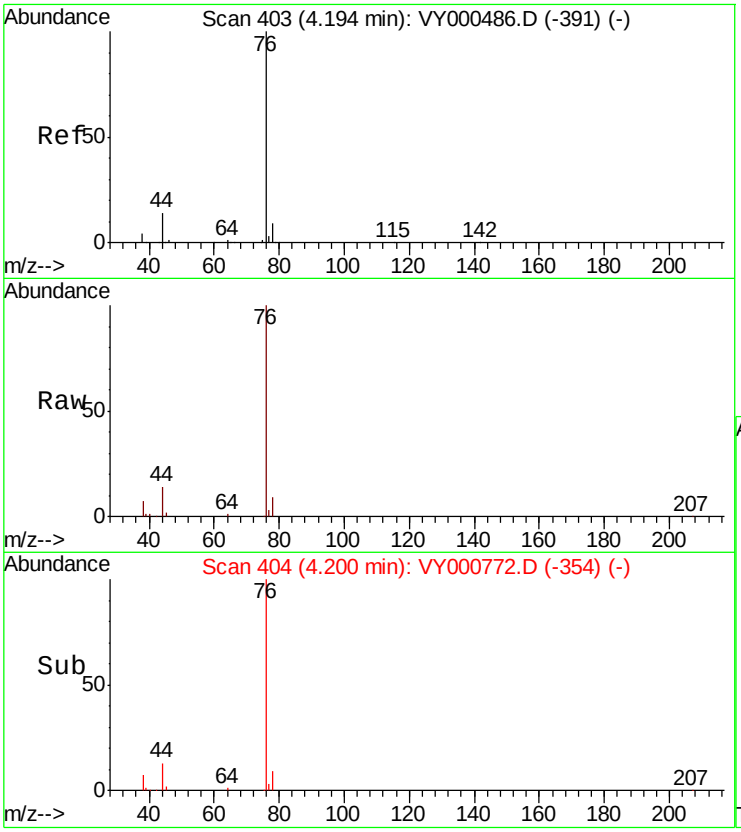


#16
Acetone
Concen: 15.478 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion: 43 Resp: 14555

Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.8	38.6



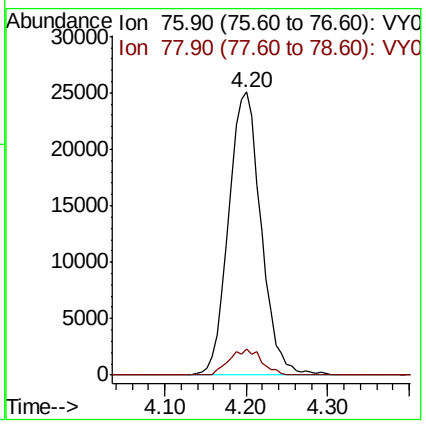


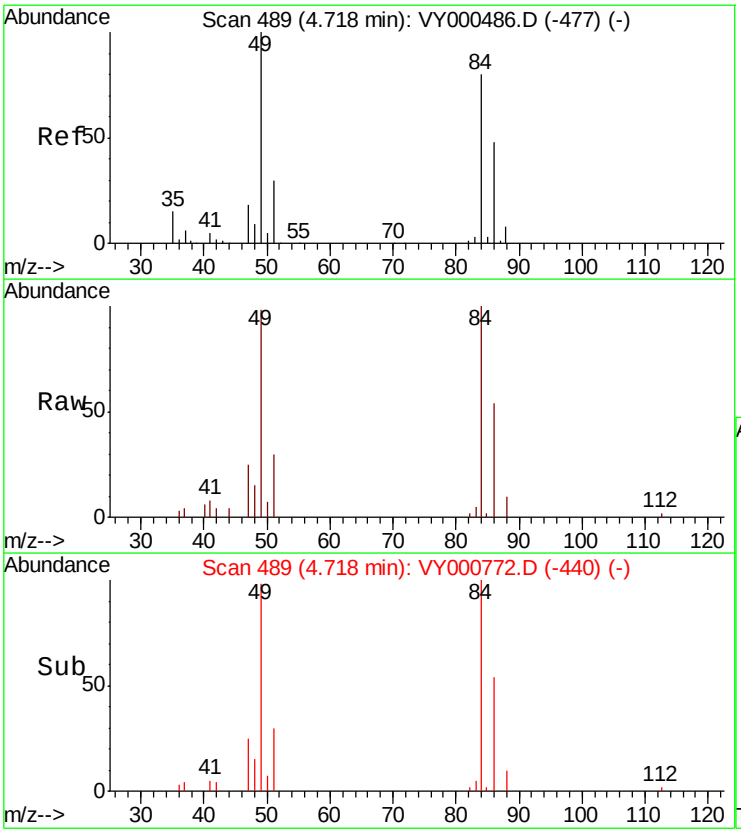
#17
Carbon Disulfide
Concen: 6.629 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :
B-1-6-12

Tgt Ion: 76 Resp: 68853

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

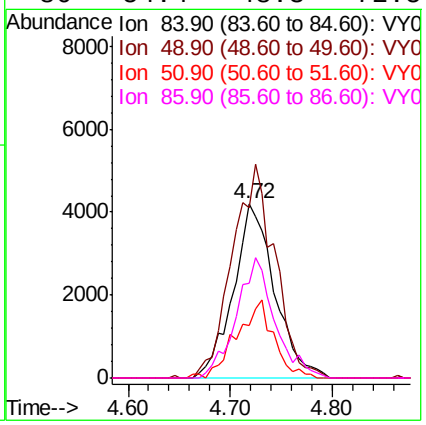


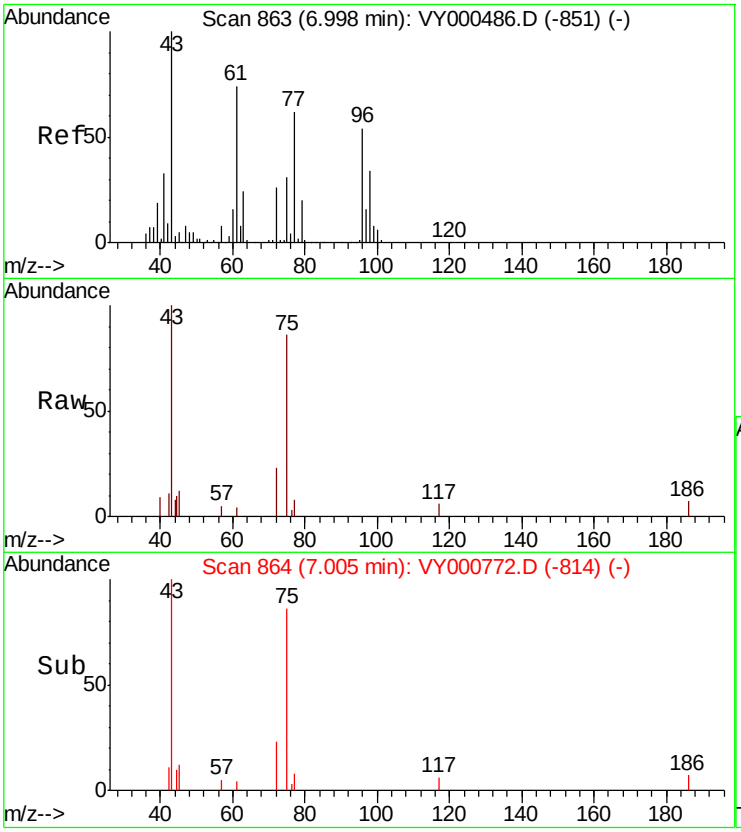


#20
Methylene Chloride
Concen: 2.936 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion: 84 Resp: 11831

Ion	Ratio	Lower	Upper
84	100		
49	97.7	100.2	150.4#
51	30.4	29.6	44.4
86	54.4	48.3	72.5



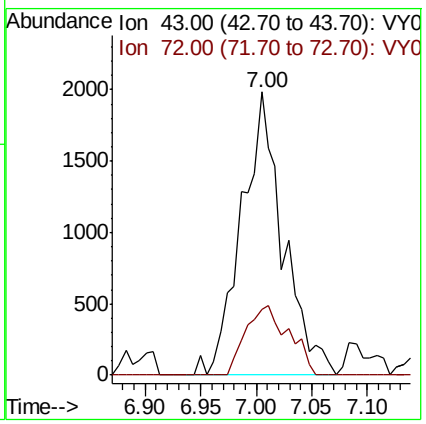


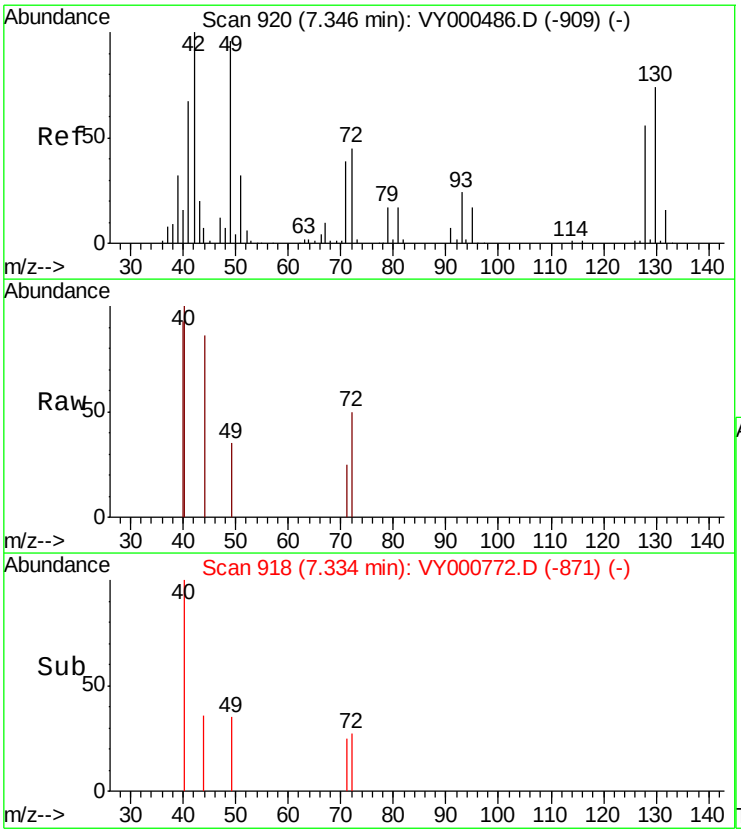
#25
2-Butanone
Concen: 3.438 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Instrument : MSVOA_Y
ClientSampleId : B-1-6-12

Tgt Ion: 43 Resp: 5160

Ion	Ratio	Lower	Upper
43	100		
72	23.0	20.9	31.3

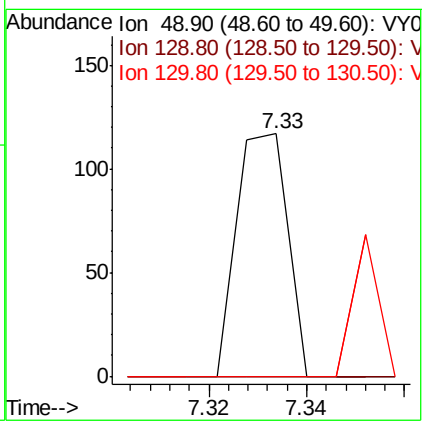


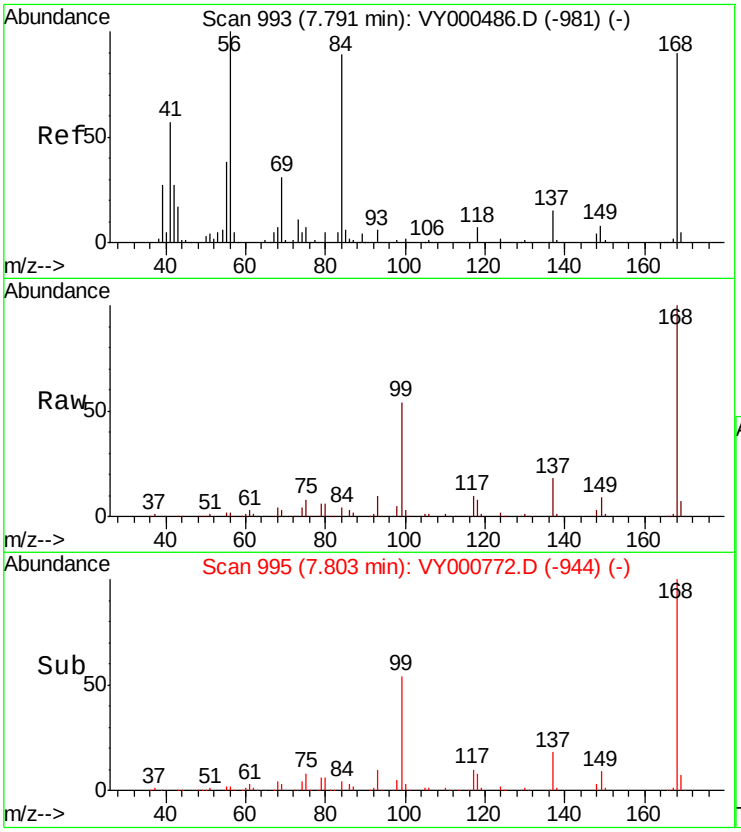


#28
Bromochloromethane
Concen: 4.119 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion: 49 Resp: 84

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	29.8	59.4	89.0#



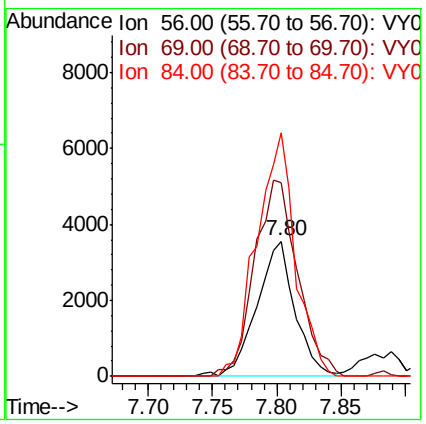


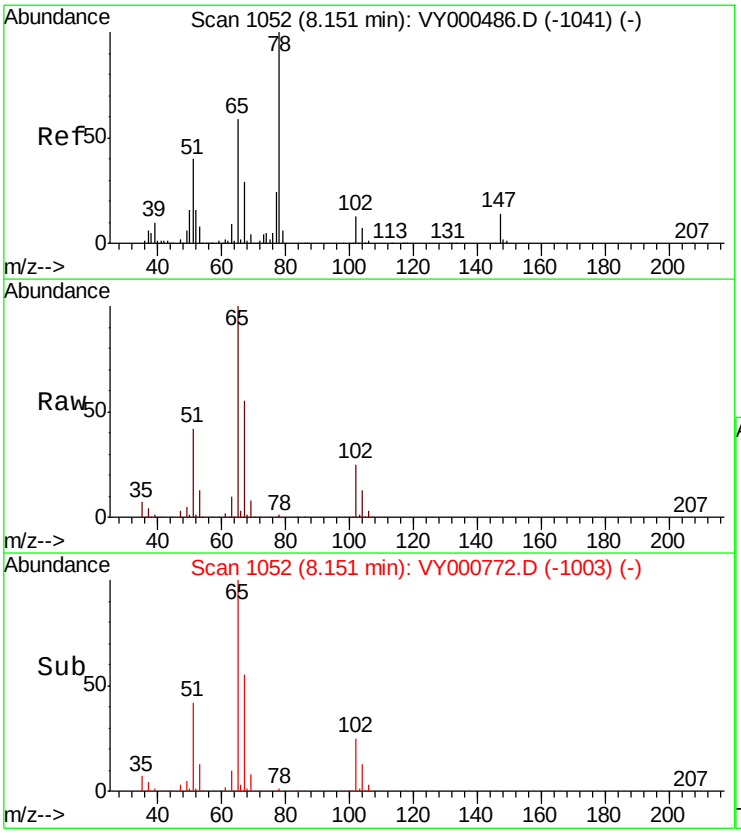
#31
Cyclohexane
Concen: 1.102 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Instrument : MSVOA_Y
ClientSampleId : B-1-6-12

Tgt Ion: 56 Resp: 7279

Ion	Ratio	Lower	Upper
56	100		
69	143.0	25.0	37.6#
84	180.2	71.4	107.2#

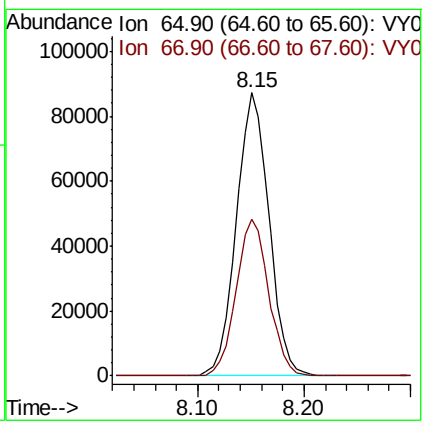


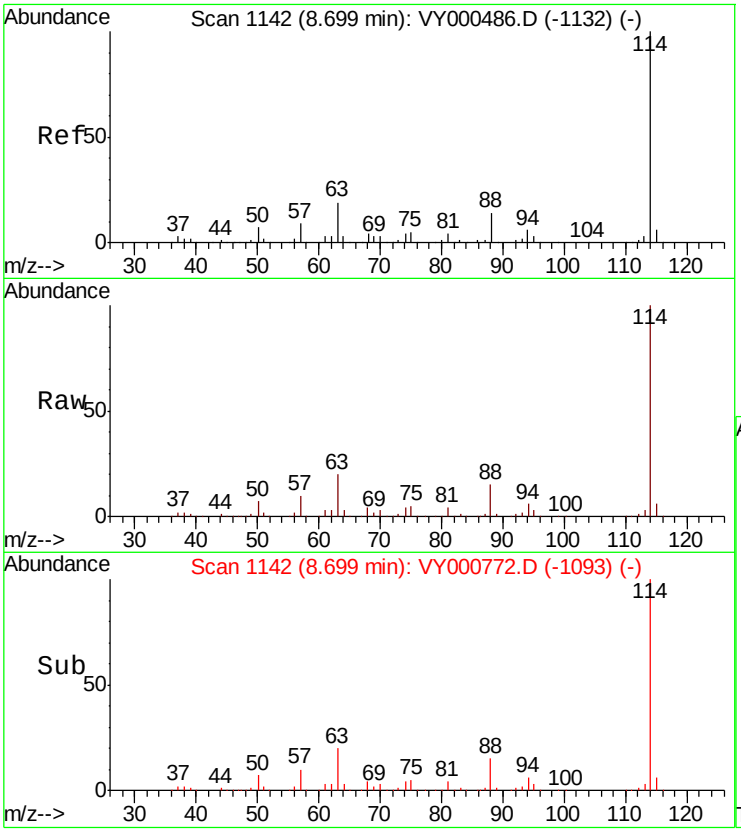


#33
1,2-Dichloroethane-d4
Concen: 55.176 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion: 65 Resp: 188262

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	107.2



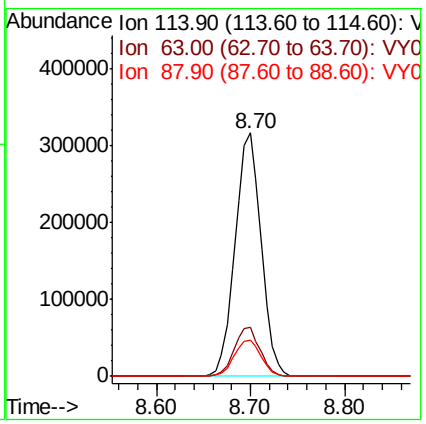


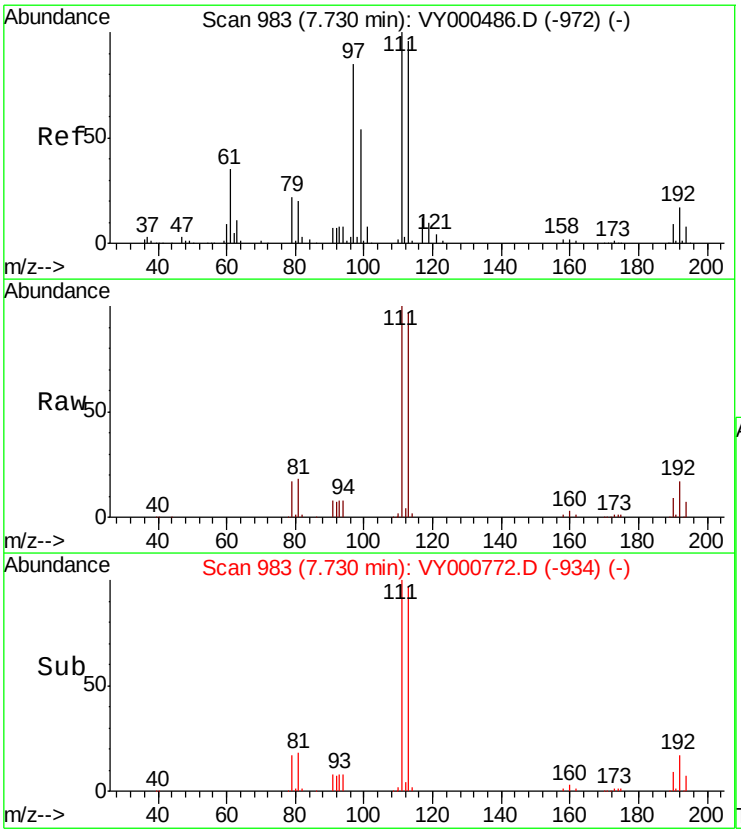
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :
B-1-6-12

Tgt Ion:114 Resp: 608521

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.0
88	15.1	0.0	28.6

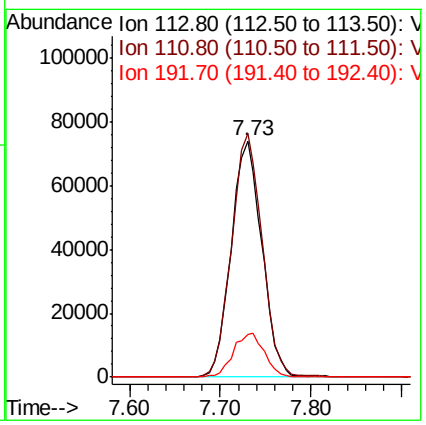


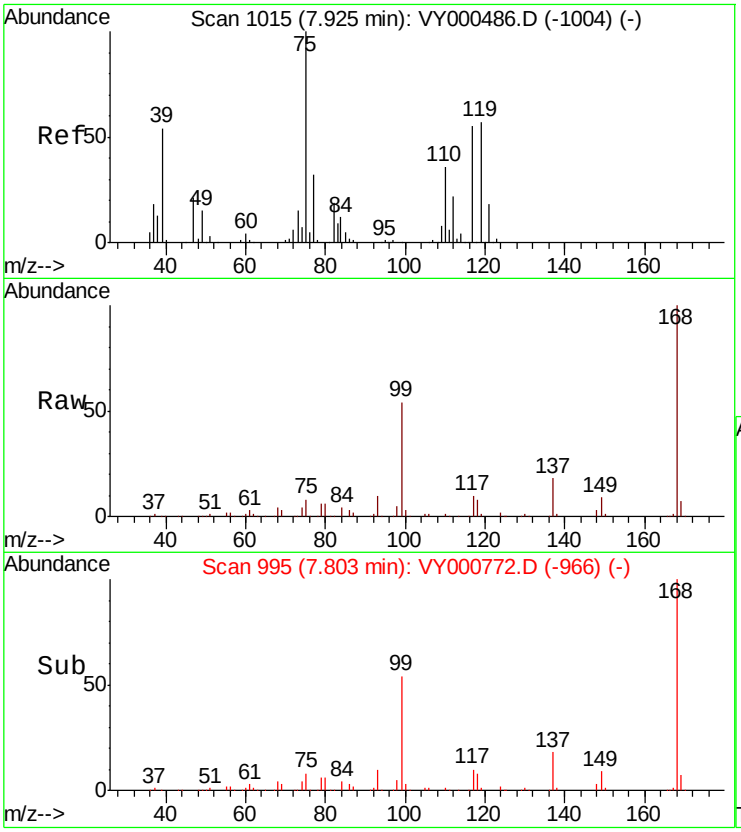


#35
Dibromofluoromethane
Concen: 48.664 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion:113 Resp: 173847

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	18.6	15.0	22.4



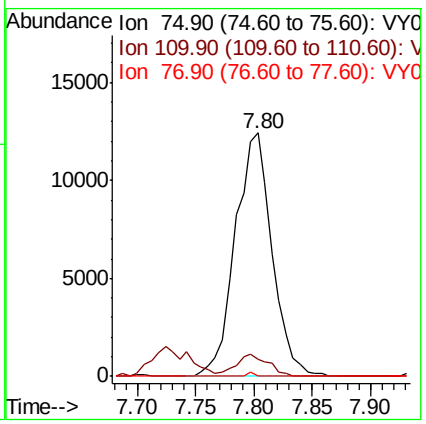


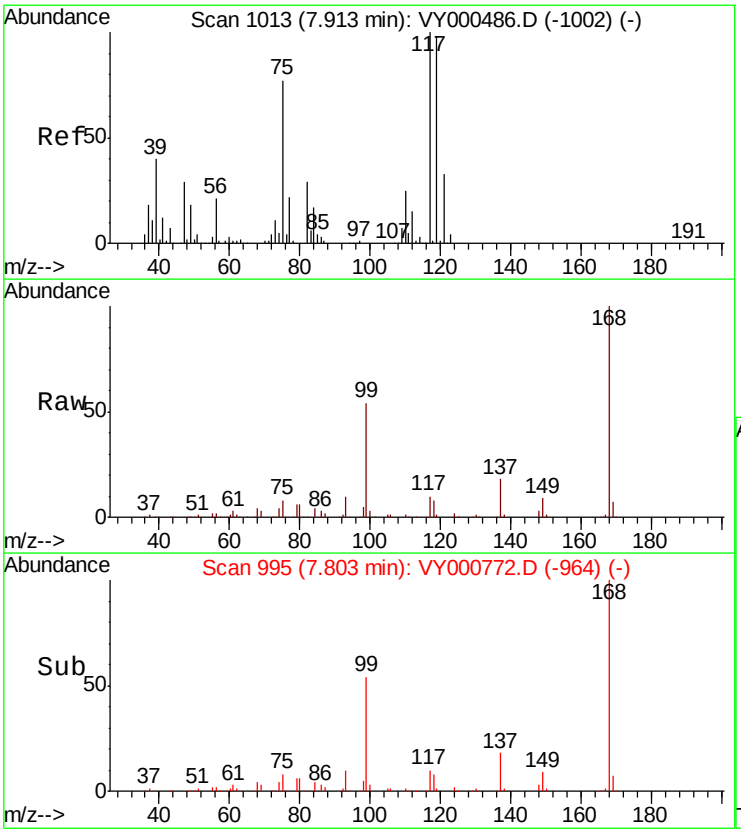
#36
1,1-Dichloropropene
Concen: 4.751 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :
B-1-6-12

Tgt Ion: 75 Resp: 27330

Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.1#
77	0.3	25.0	37.6#

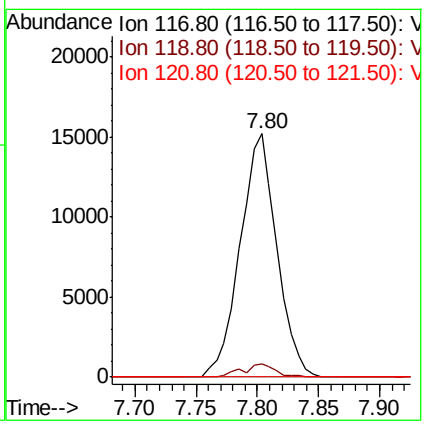


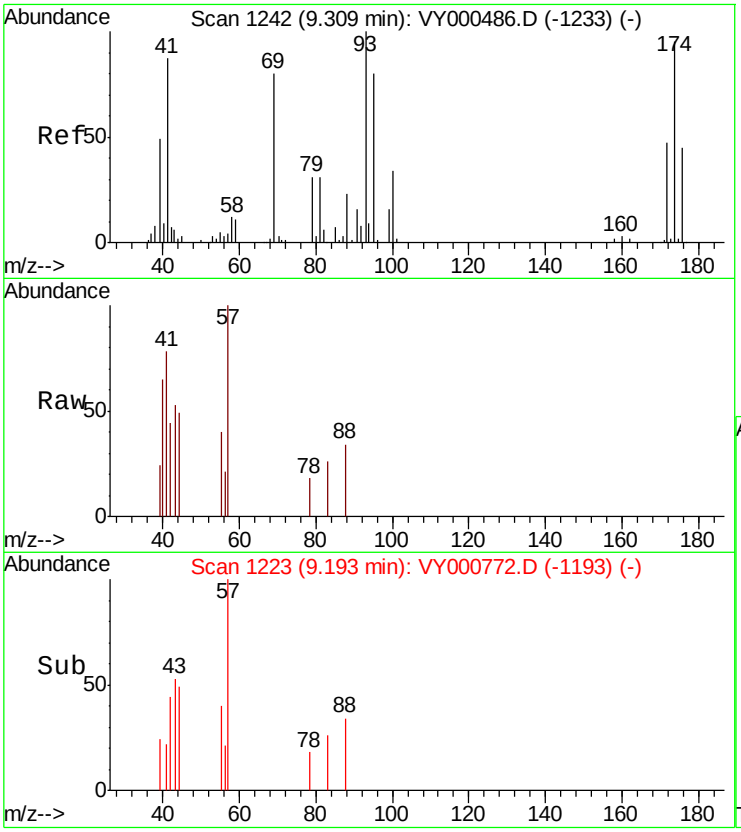


#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion:117 Resp: 31679

Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.0	117.0#
121	0.0	26.6	40.0#



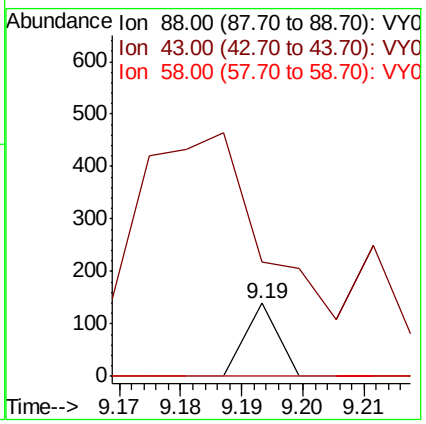


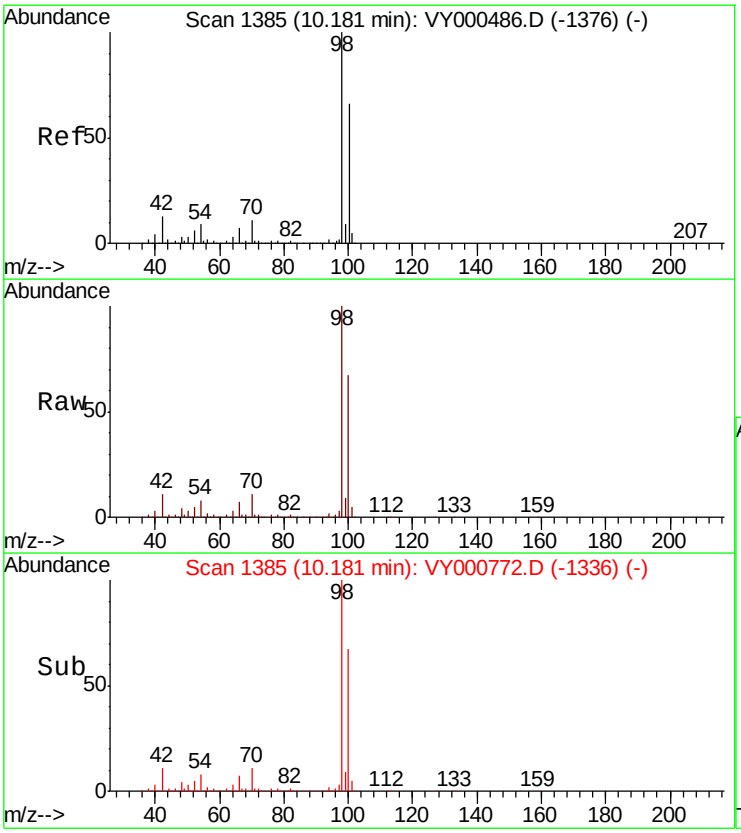
#49
1,4-Dioxane
Concen: 1.660 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.12 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :
B-1-6-12

Tgt Ion: 88 Resp: 51

Ion	Ratio	Lower	Upper
88	100		
43	1733.3	25.1	37.7#
58	0.0	50.6	75.8#

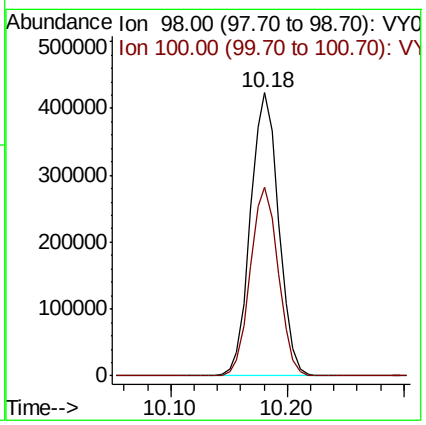


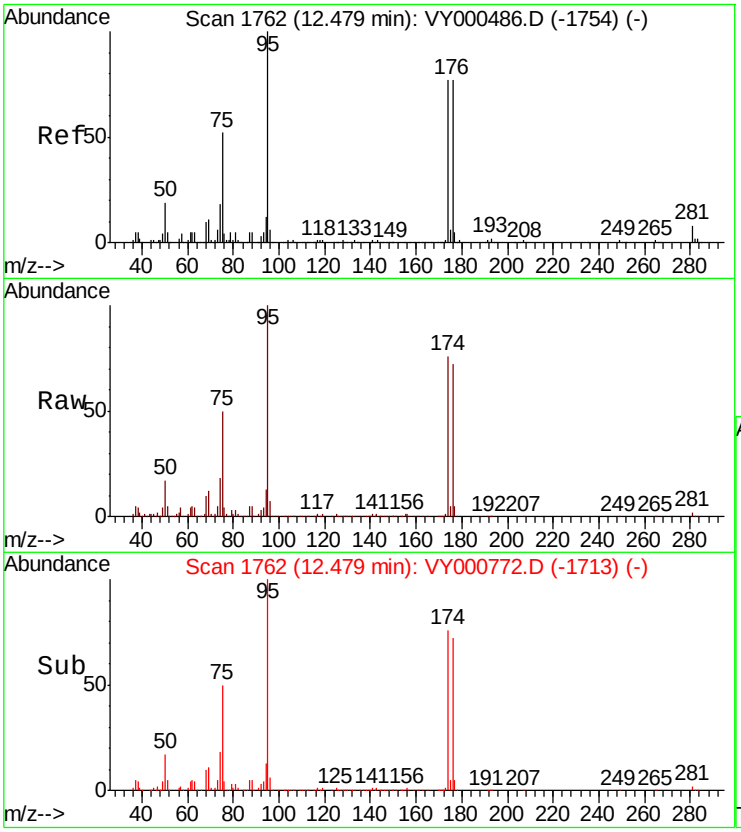


#50
Toluene-d8
Concen: 52.970 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion: 98 Resp: 718025

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3



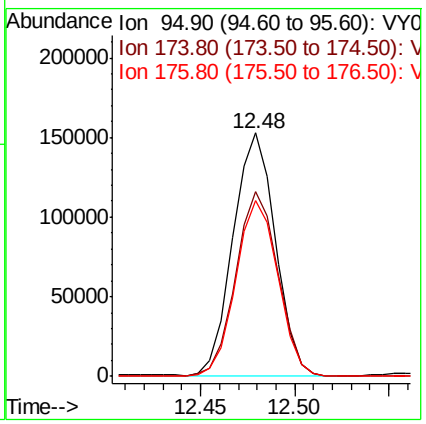


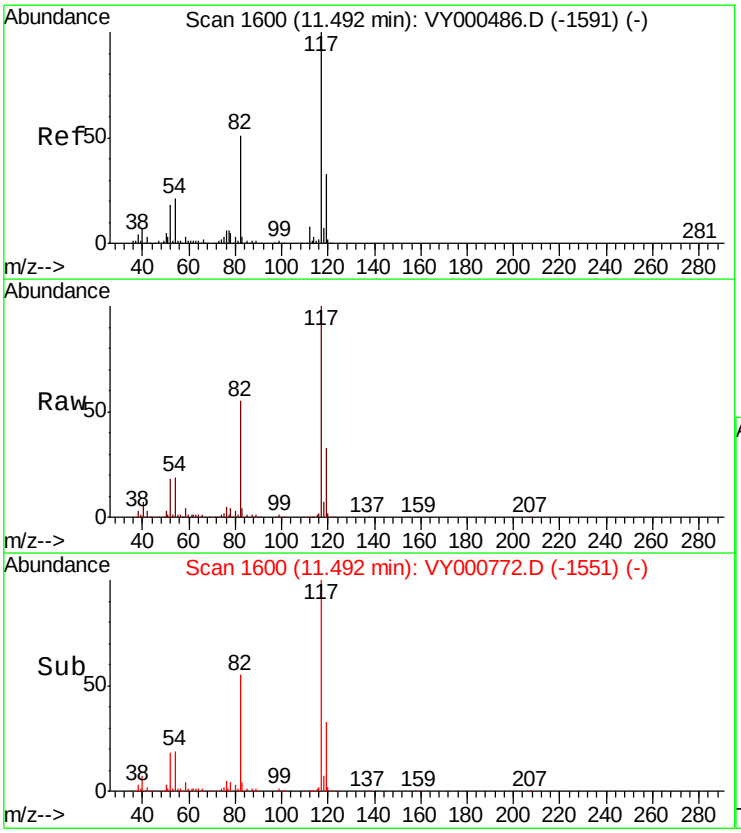
#62
4-Bromofluorobenzene
Concen: 45.845 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :
B-1-6-12

Tgt Ion: 95 Resp: 236579

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	161.6
176	72.4	0.0	157.8

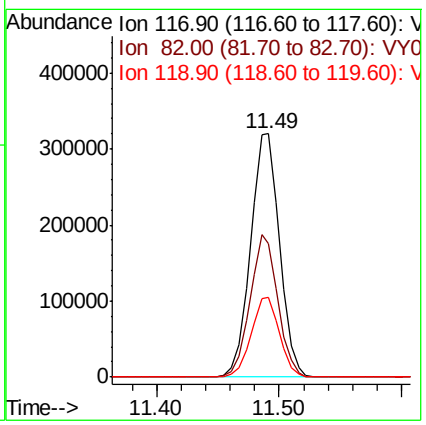


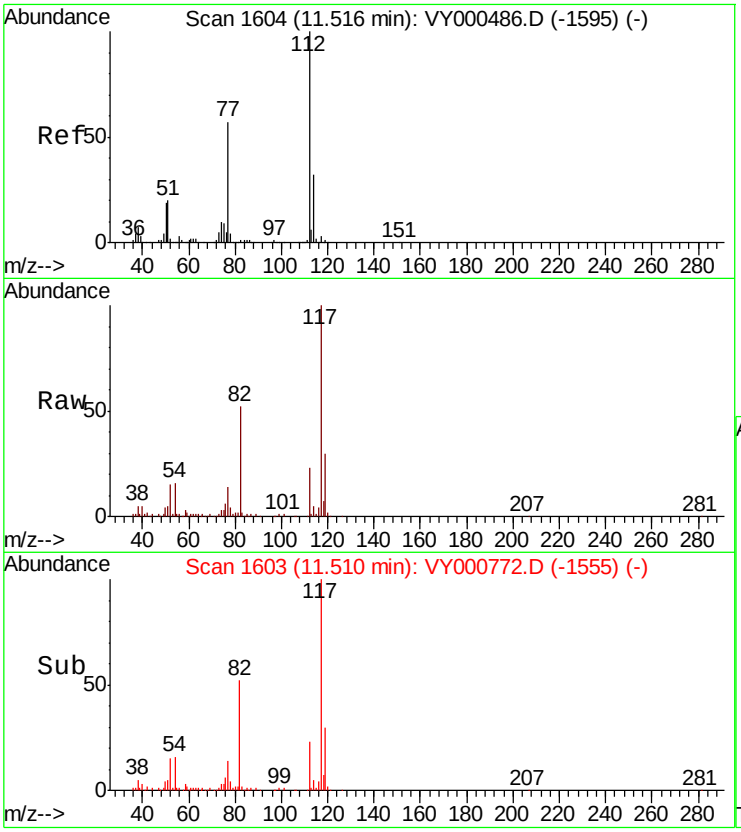


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion:117 Resp: 529189

Ion	Ratio	Lower	Upper
117	100		
82	54.8	40.8	61.2
119	32.9	26.2	39.2



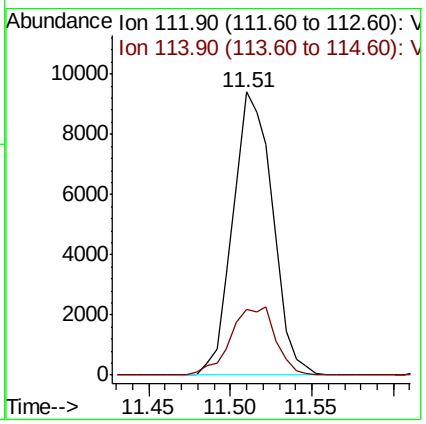


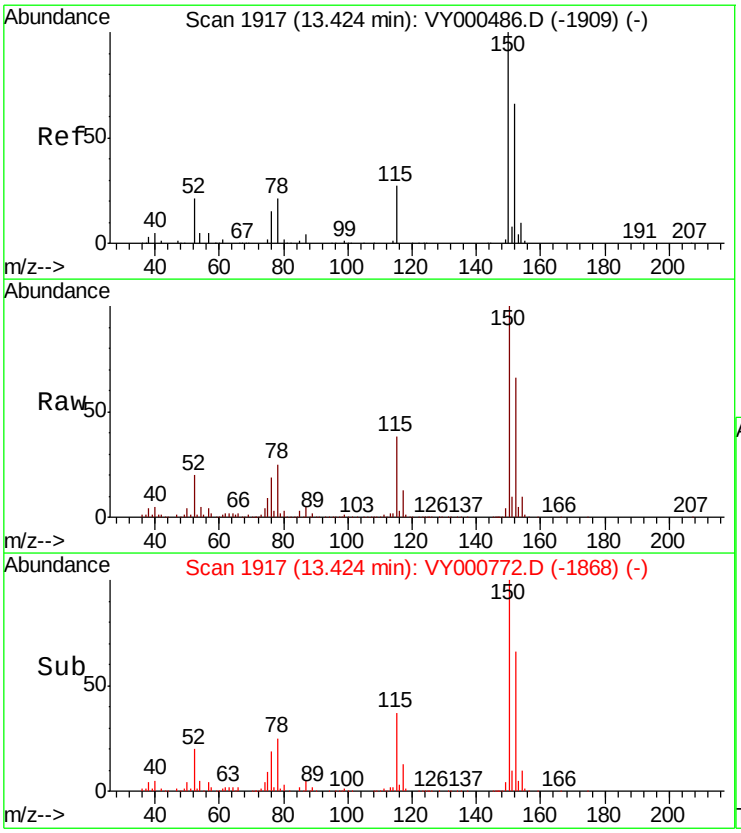
#65
Chlorobenzene
Concen: 1.484 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :
B-1-6-12

Tgt Ion:112 Resp: 15920

Ion	Ratio	Lower	Upper
112	100		
114	23.1	25.3	37.9#

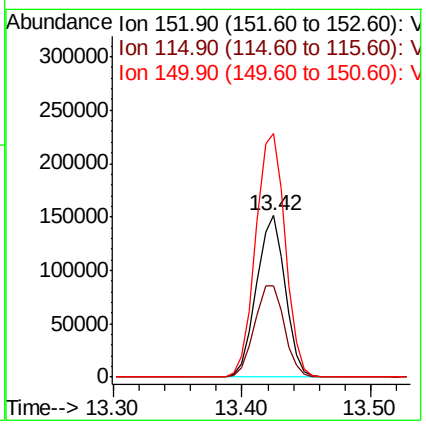


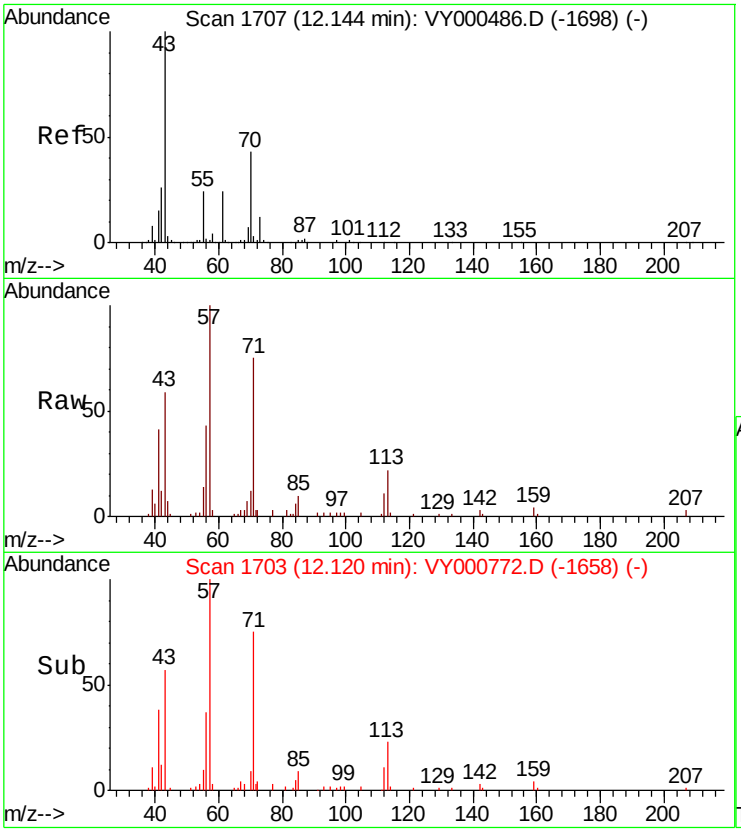


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion:152 Resp: 231499

Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.1	87.4
150	155.5	0.0	348.8



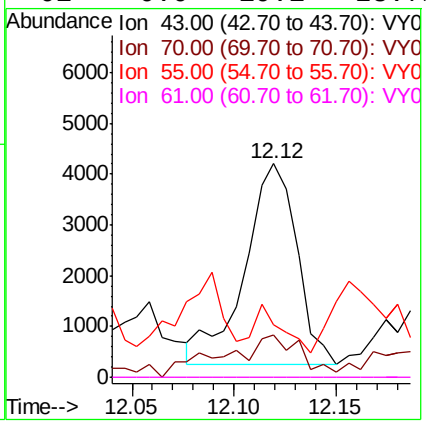


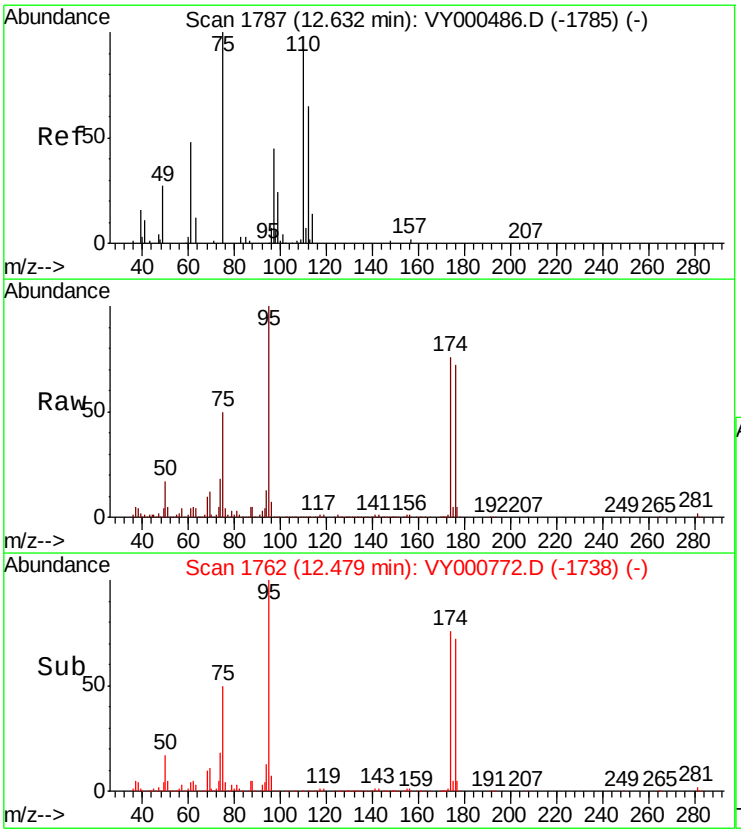
#74
N-amyl acetate
Concen: 1.444 ug/l
RT: 12.12 min Scan# 1703
Delta R.T. -0.02 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Instrument : MSVOA_Y
ClientSampleId : B-1-6-12

Tgt Ion: 43 Resp: 7074

Ion	Ratio	Lower	Upper
43	100		
70	31.4	33.1	49.7#
55	12.8	18.0	27.0#
61	0.0	19.1	28.7#

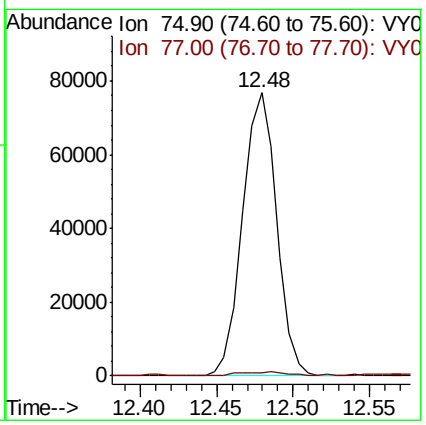


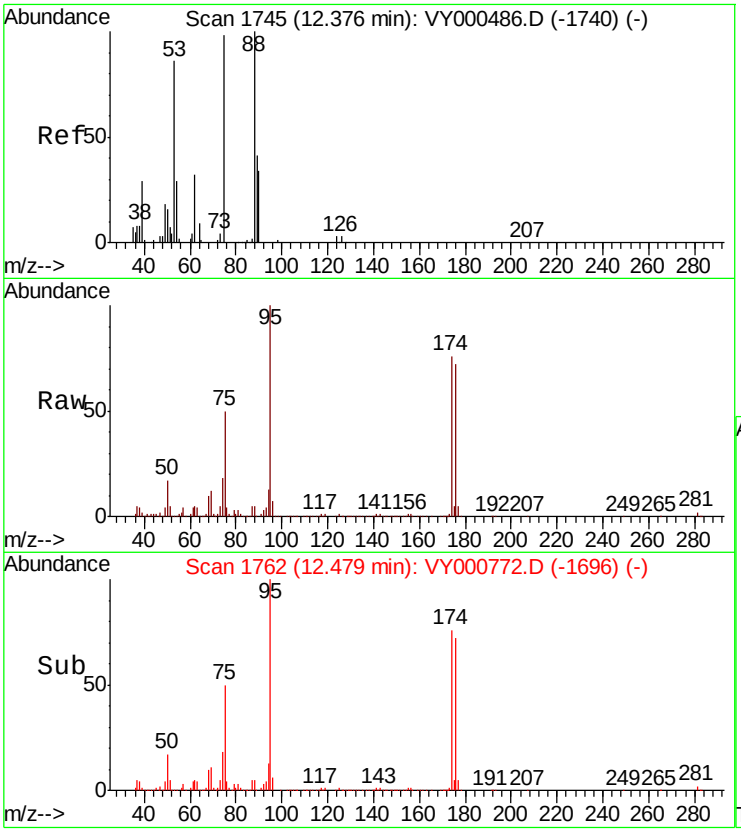


#76
1,2,3-Trichloropropane
Concen: 45.095 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion: 75 Resp: 118867

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#



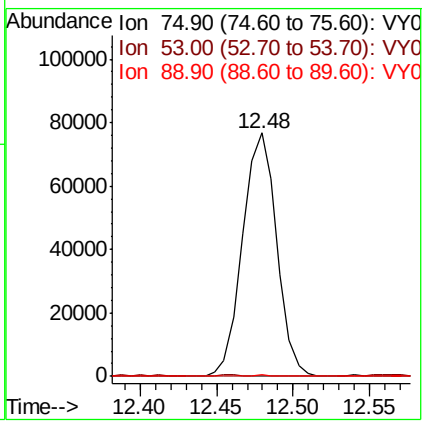


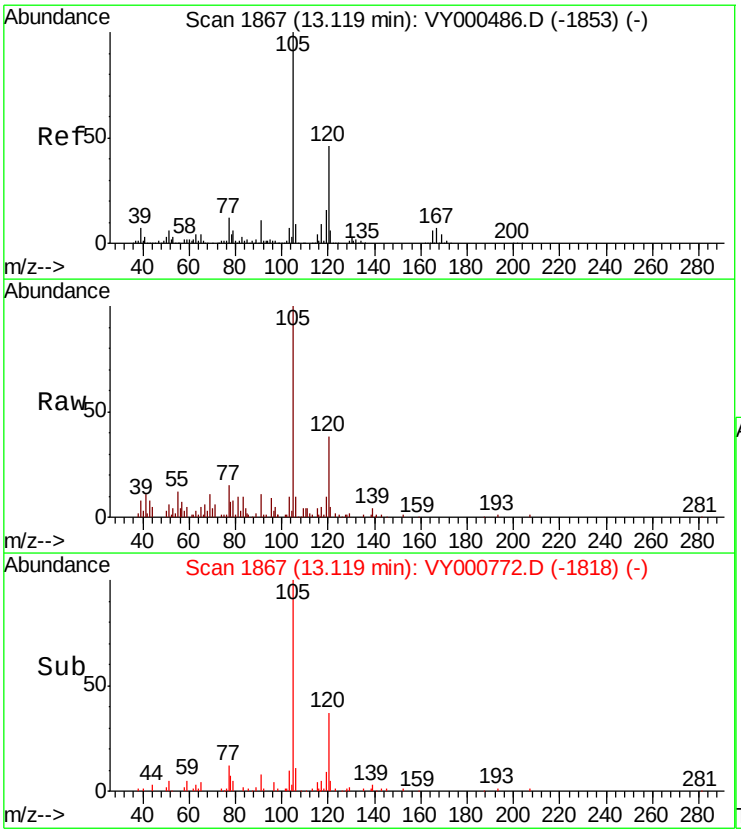
#81
trans-1,4-Dichloro-2-butene
Concen: 101.109 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :
B-1-6-12

Tgt Ion: 75 Resp: 118867

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





#84
1,2,4-Trimethylbenzene
Concen: 1.682 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion:105 Resp: 23863

Ion	Ratio	Lower	Upper
105	100		
120	40.9	23.3	69.9