Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
Data File : VY000703.D
Acq On : 15 Nov 2019 15:58
Operator : SY/MD
Sample : K5861-14
Misc : 4.36G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 16 02:32:16 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	190462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	355575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	333315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	156031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	121730	61.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.52%			
35) Dibromofluoromethane	7.73	113	108593	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.04%			
50) Toluene-d8	10.18	98	424724	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.24%			
62) 4-Bromofluorobenzene	12.48	95	148876	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.74%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.96	59	609	3.174	ug/l #	72
16) Acetone	3.96	43	3126	5.754	ug/l #	83
20) Methylene Chloride	4.72	84	5229	2.246	ug/l #	78
28) Bromochloromethane	7.50	49	117	4.157	ug/l #	14
30) Chloroform	7.52	83	4444	1.206	ug/l #	83
31) Cyclohexane	7.80	56	4216	1.105	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14970	4.453	ug/l #	50
38) Carbon Tetrachloride	7.80	117	19641	6.072	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	80197	45.140	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	80197	101.210	ug/l #	13

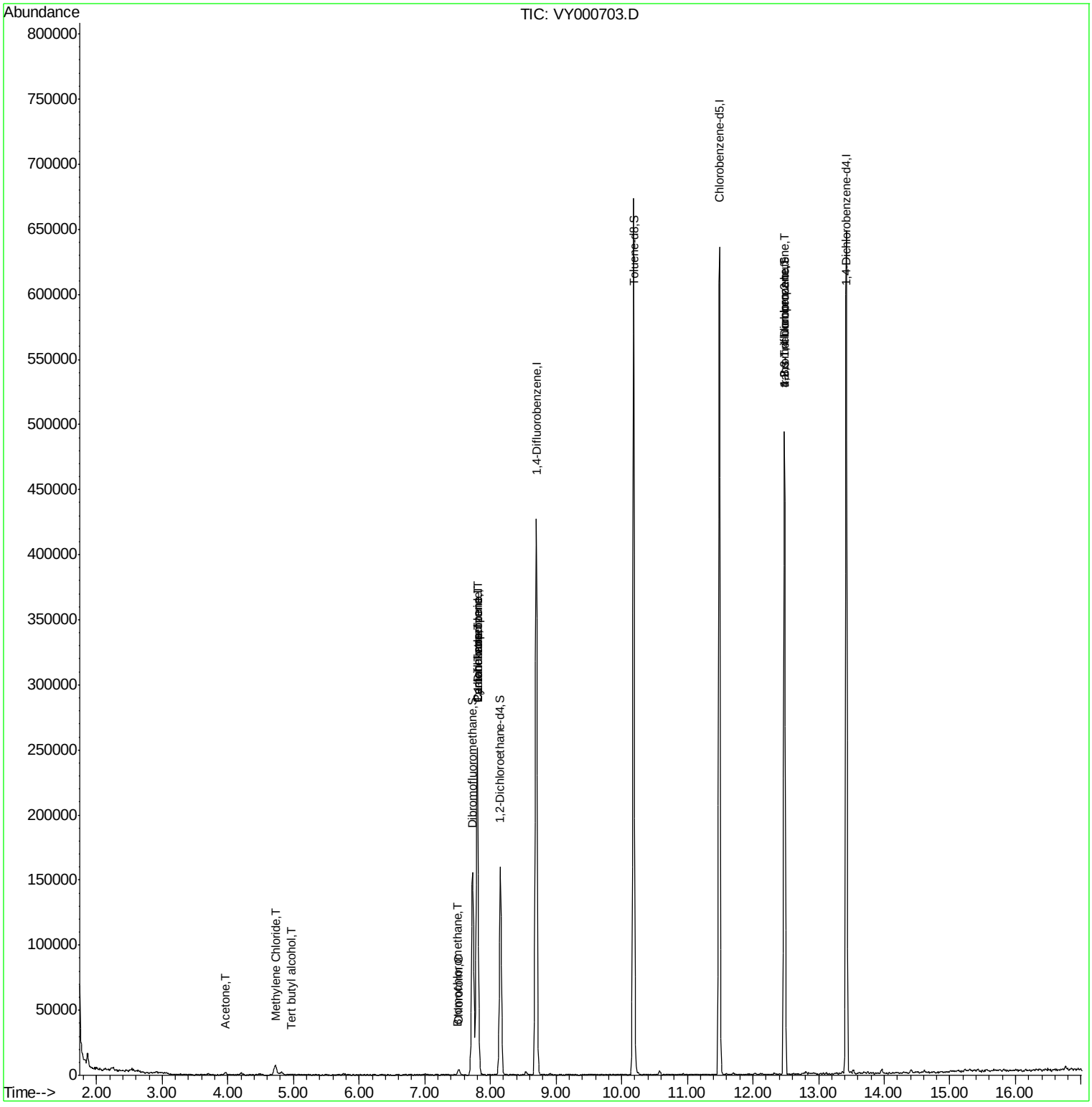
(#) = qualifier out of range (m) = manual integration (+) = signals summed

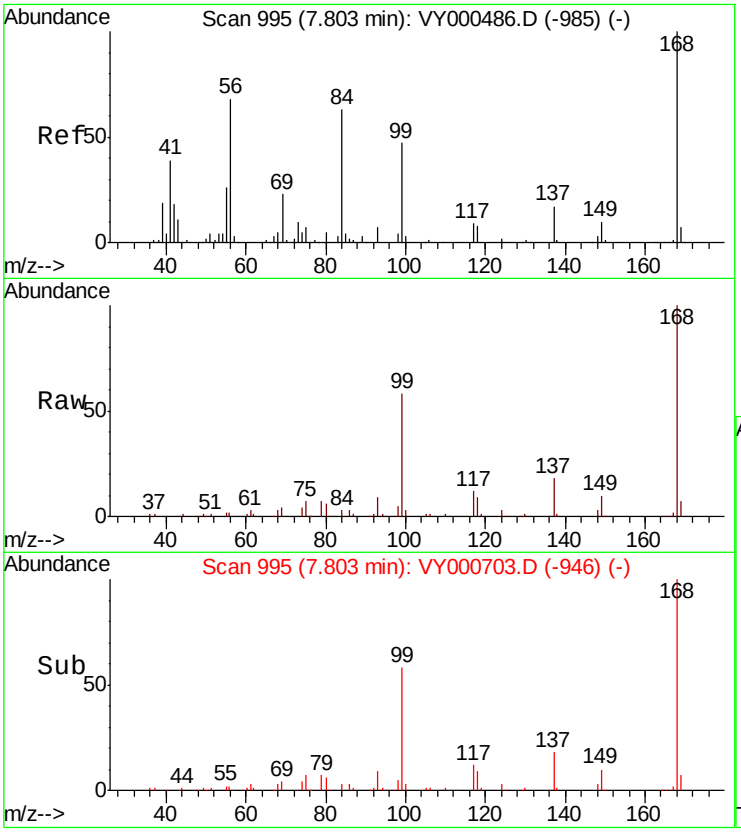
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
Data File : VY000703.D
Acq On : 15 Nov 2019 15:58
Operator : SY/MD
Sample : K5861-14
Misc : 4.36G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 16 02:32:16 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



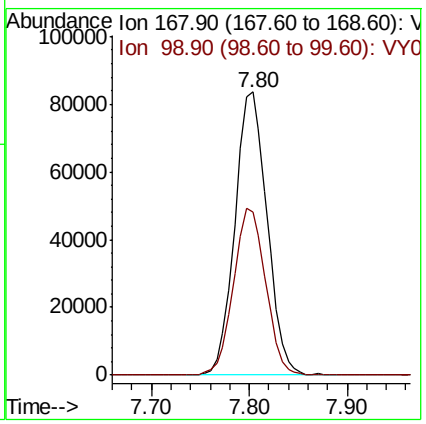


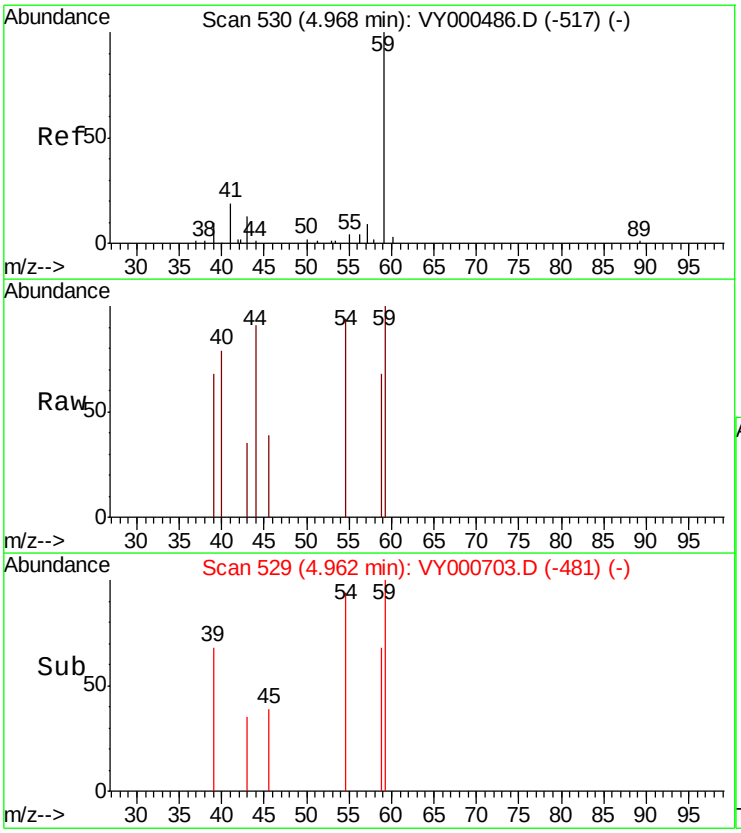
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 190462

Ion	Ratio	Lower	Upper
168	100		
99	57.8	45.7	68.5

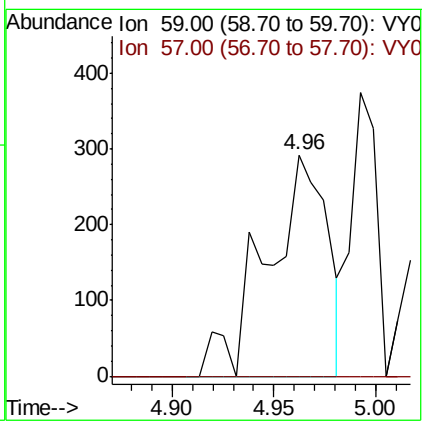


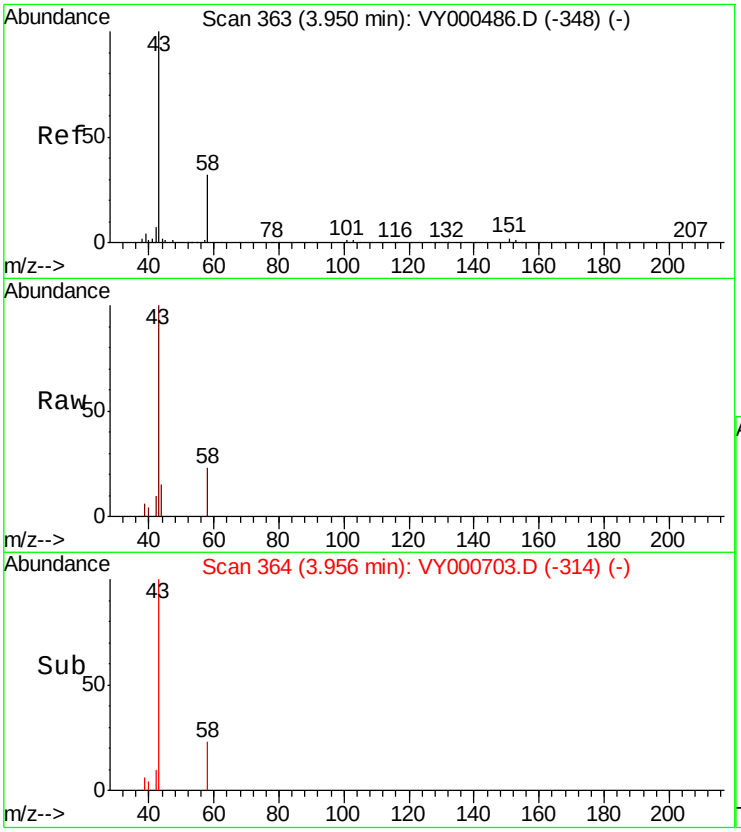


#11
Tert butyl alcohol
Concen: 3.174 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Tgt Ion: 59 Resp: 609

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



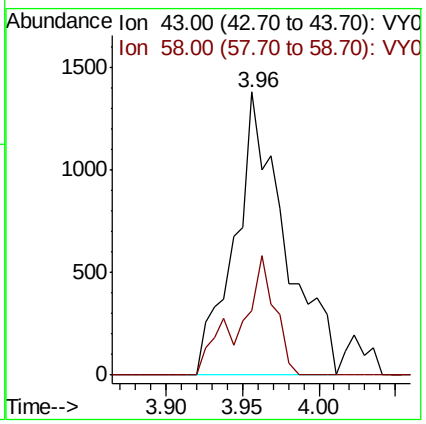


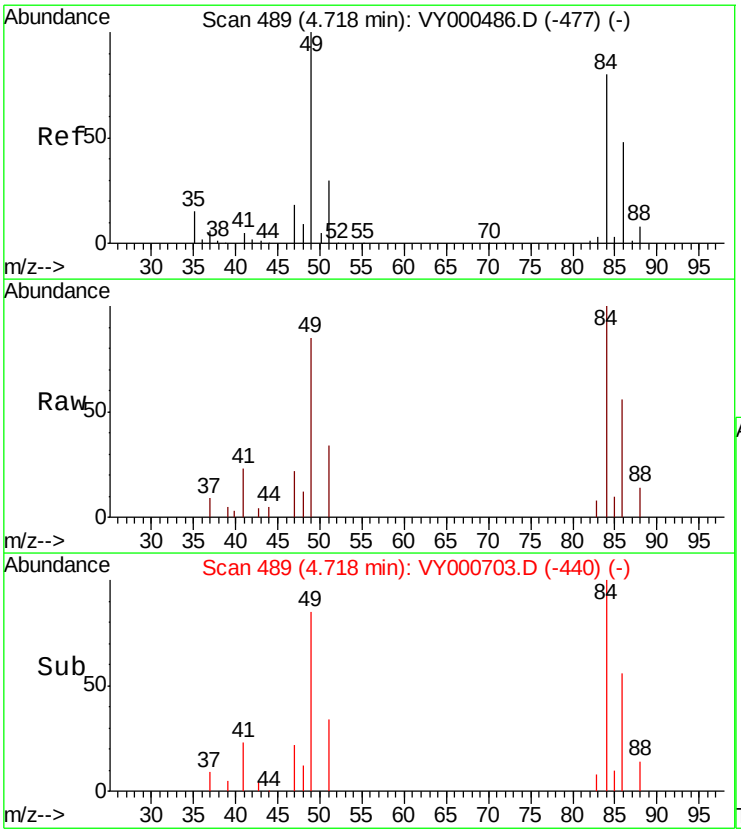
#16
Acetone
Concen: 5.754 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3126

Ion	Ratio	Lower	Upper
43	100		
58	22.7	25.8	38.6#

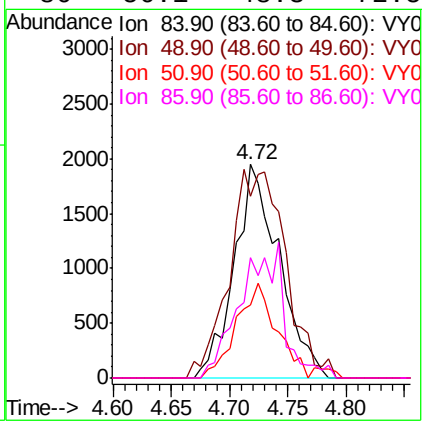


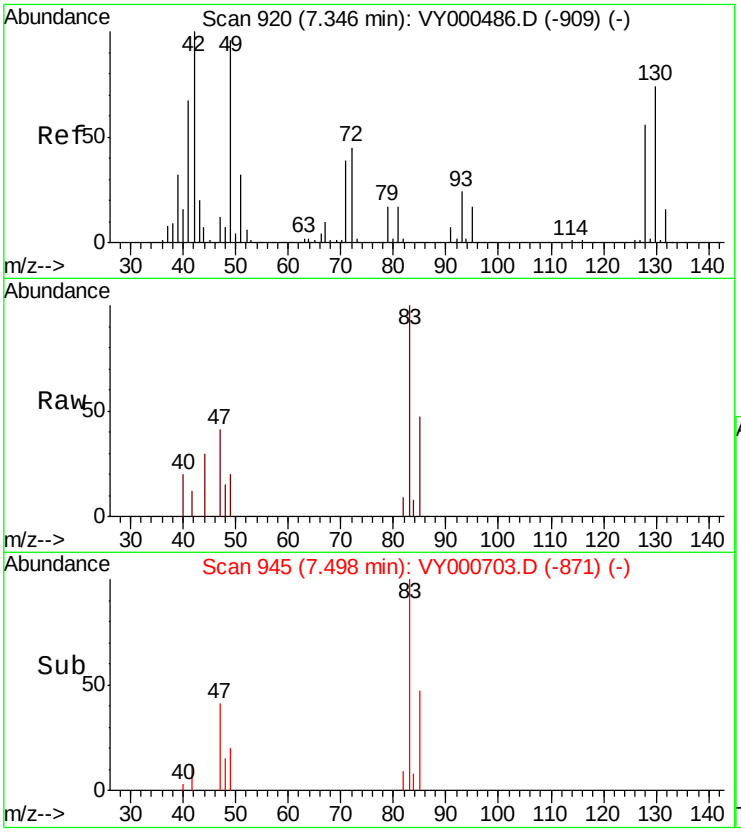


#20
Methylene Chloride
Concen: 2.246 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Tgt Ion: 84 Resp: 5229

Ion	Ratio	Lower	Upper
84	100		
49	85.0	100.2	150.4#
51	34.2	29.6	44.4
86	56.1	48.3	72.5



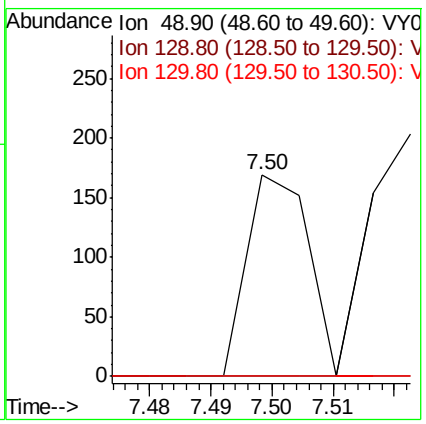


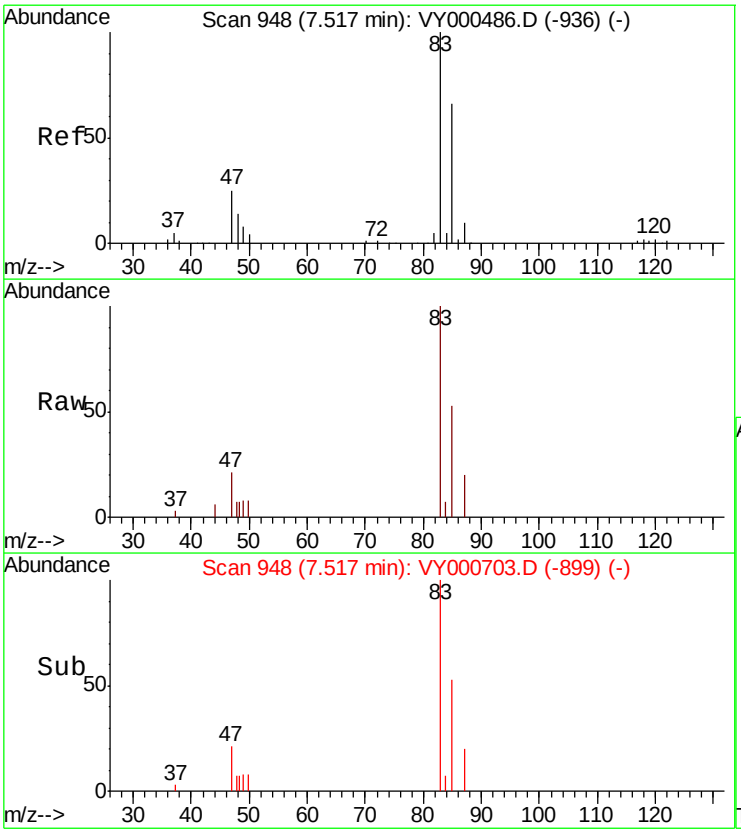
#28
Bromochloromethane
Concen: 4.157 ug/l
RT: 7.50 min Scan# 945
Delta R.T. 0.15 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 49 Resp: 117

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

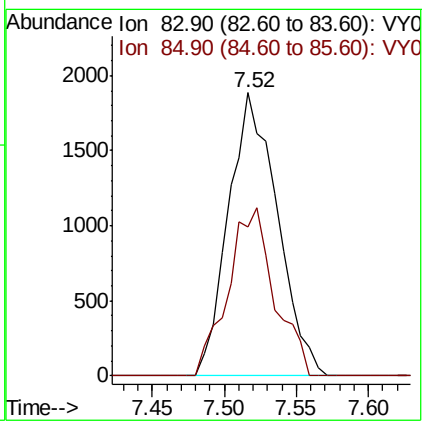


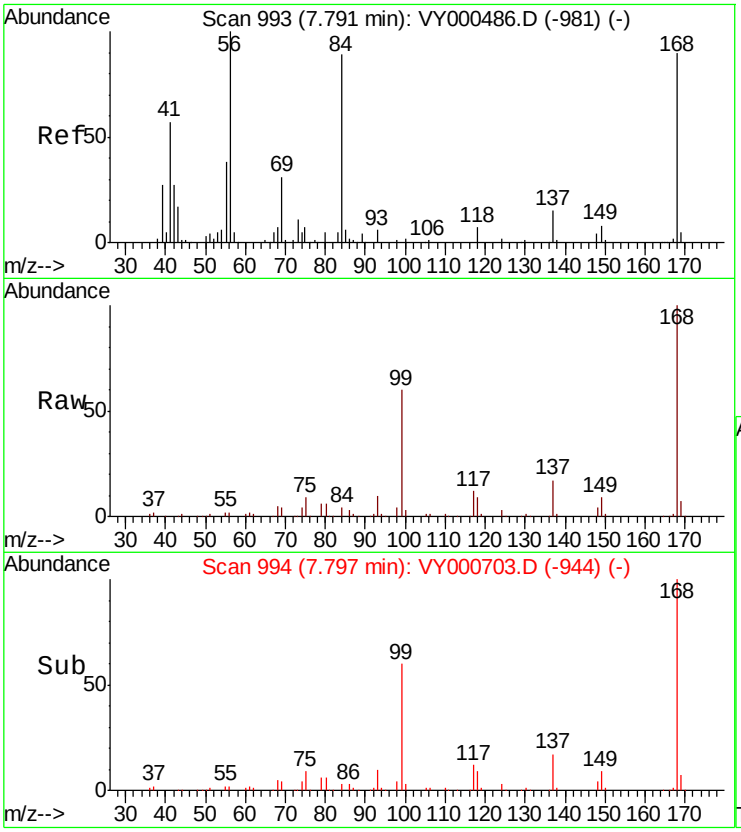


#30
Chloroform
Concen: 1.206 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Tgt Ion: 83 Resp: 4444

Ion	Ratio	Lower	Upper
83	100		
85	52.8	53.0	79.4#



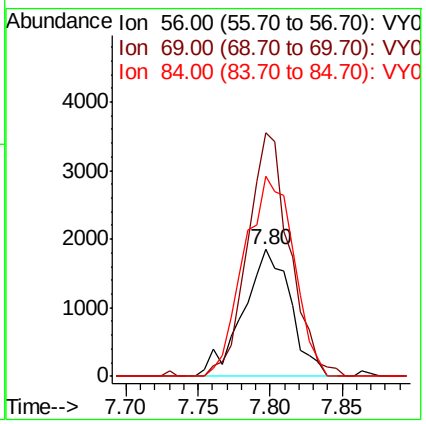


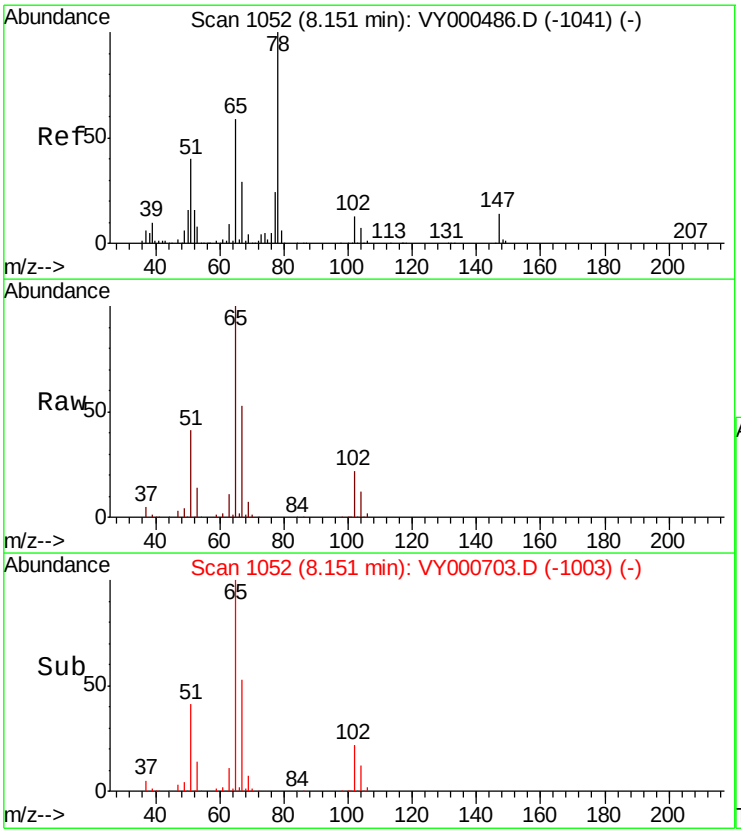
#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 4216

Ion	Ratio	Lower	Upper
56	100		
69	191.6	25.0	37.6#
84	157.8	71.4	107.2#

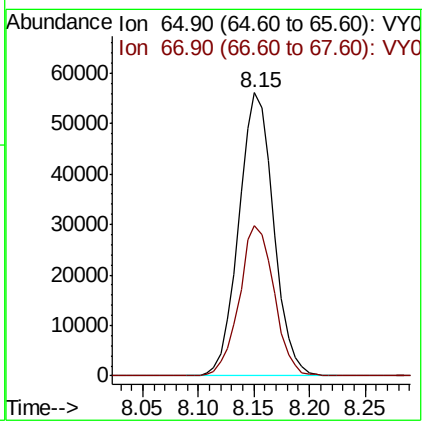


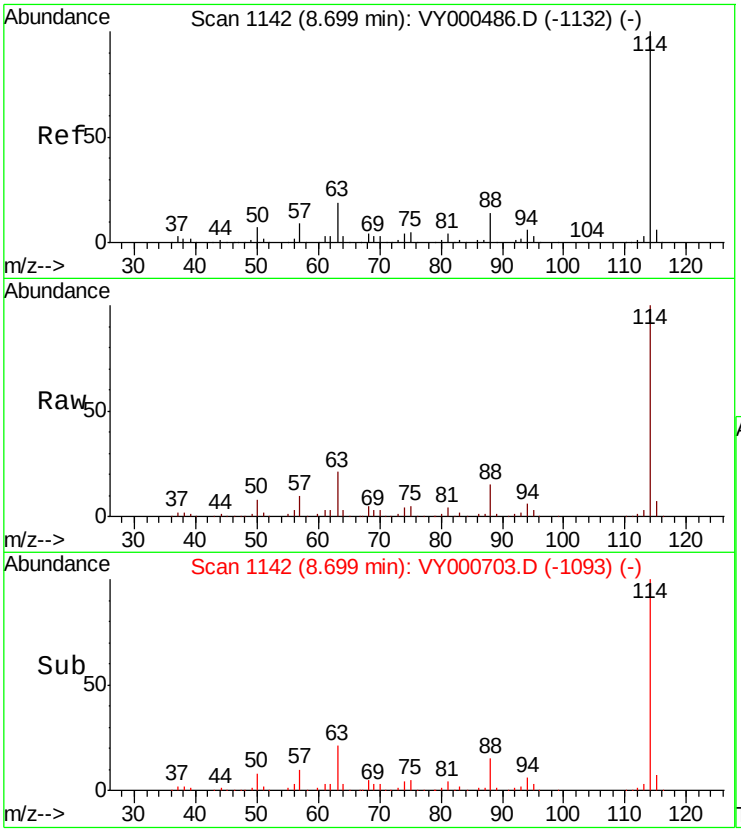


#33
1,2-Dichloroethane-d4
Concen: 61.759 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Tgt Ion: 65 Resp: 121730

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.2



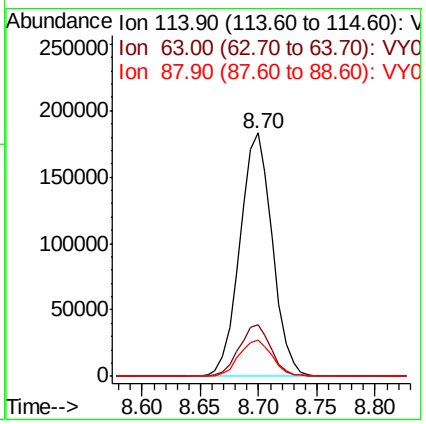


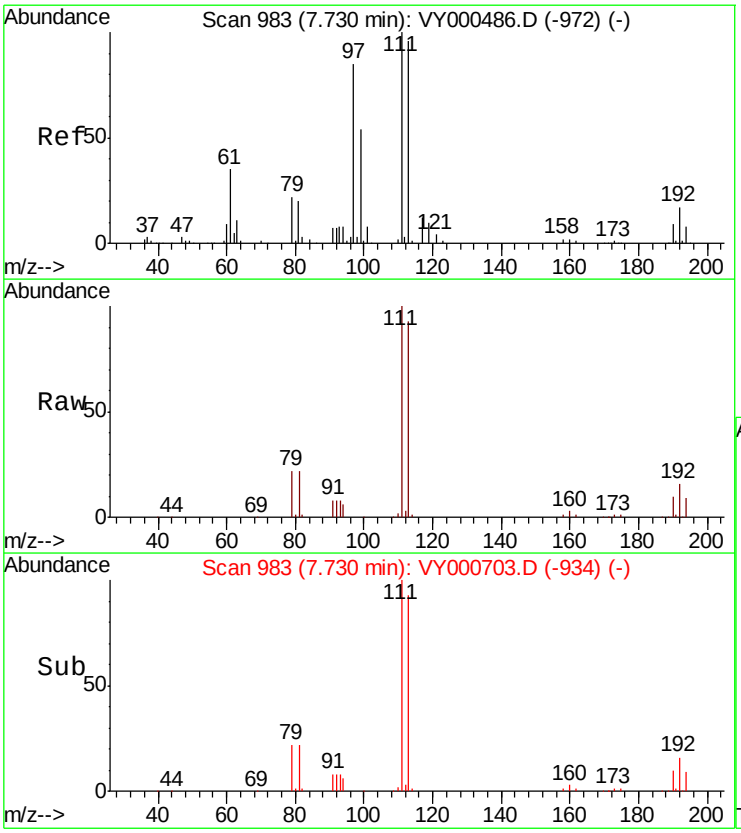
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 355575

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	38.0
88	14.9	0.0	28.6

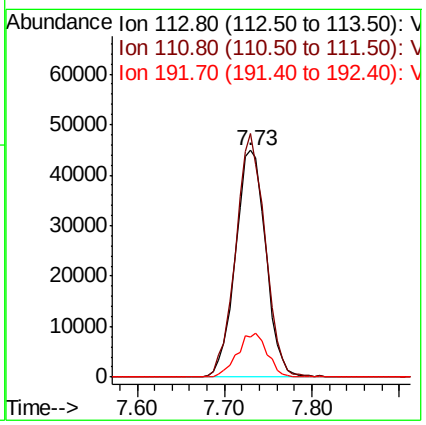


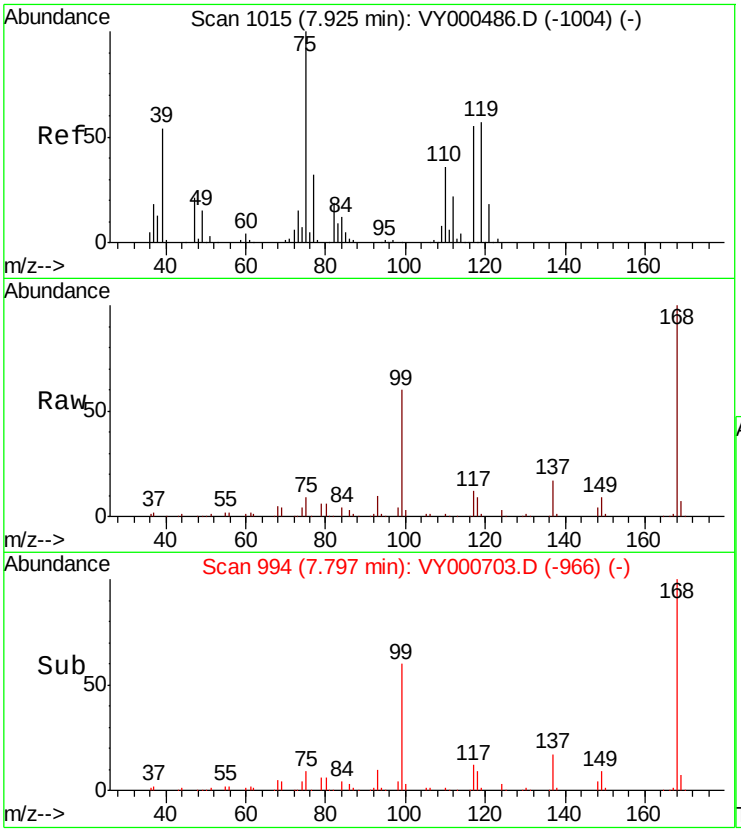


#35
Dibromofluoromethane
Concen: 52.022 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Tgt Ion:113 Resp: 108593

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.7	122.5
192	19.0	15.0	22.4



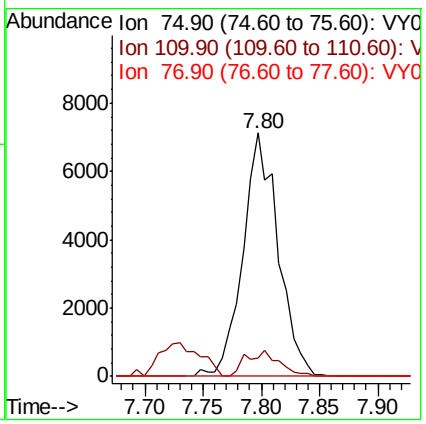


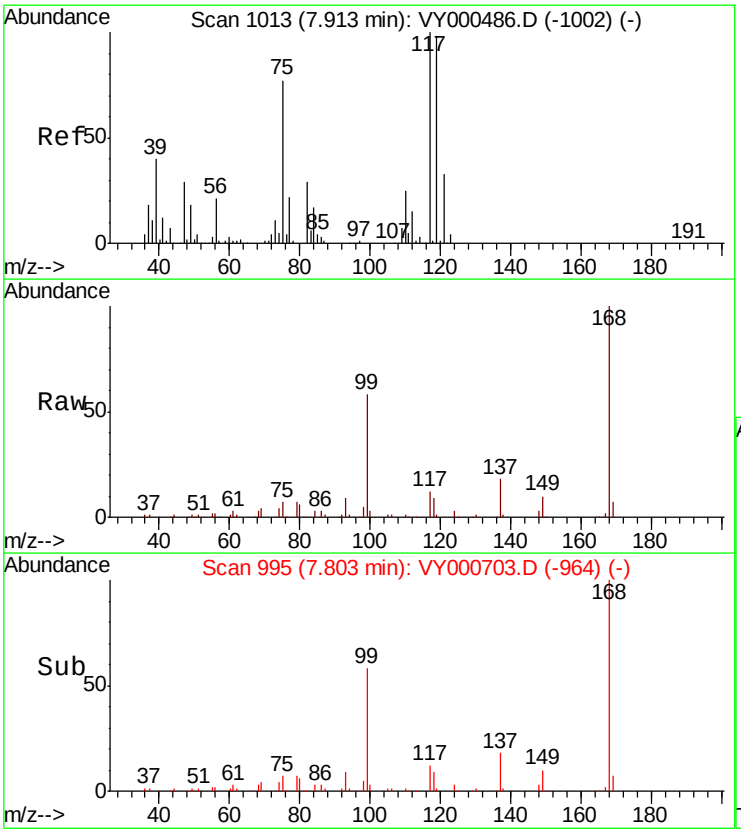
#36
1,1-Dichloropropene
Concen: 4.453 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 14970

Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.1#
77	0.0	25.0	37.6#

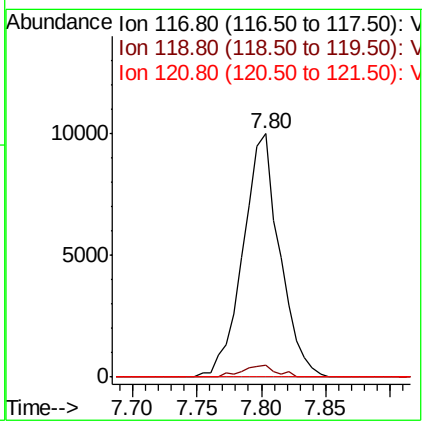


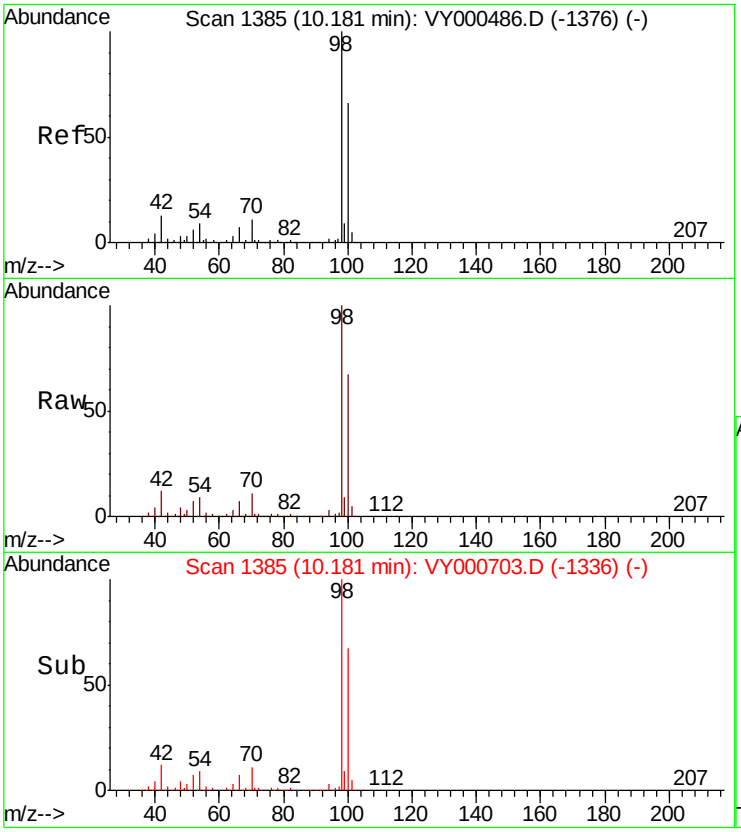


#38
Carbon Tetrachloride
Concen: 6.072 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Tgt Ion:117 Resp: 19641

Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.0	117.0#
121	0.0	26.6	40.0#



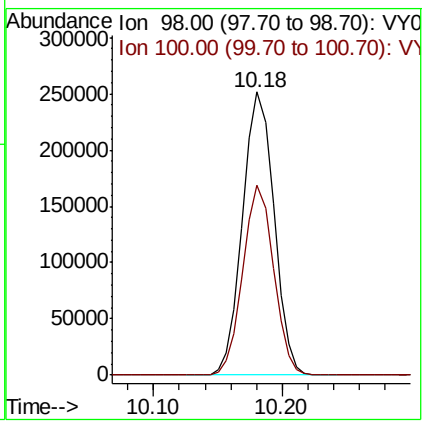


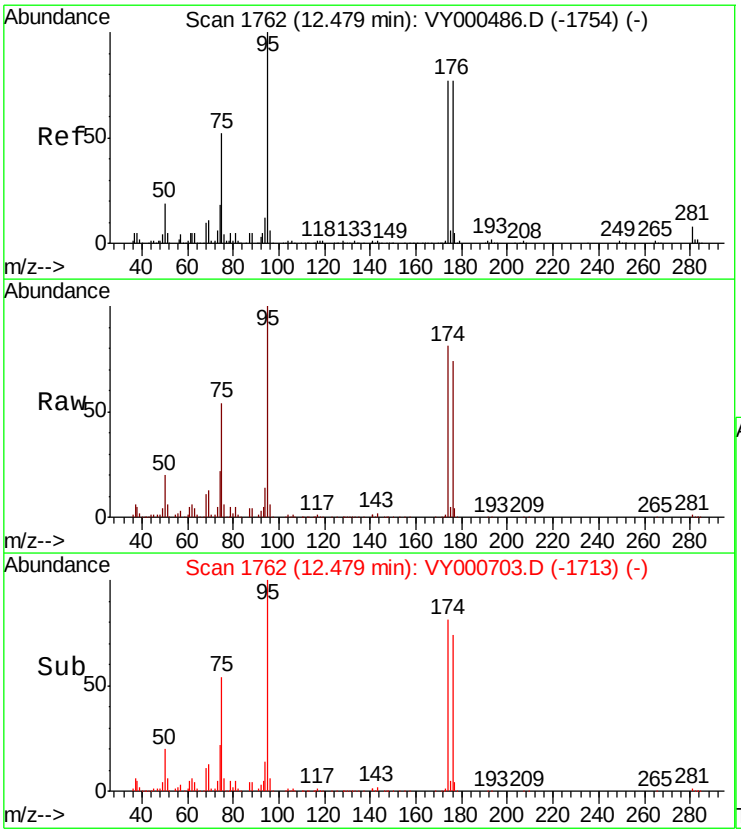
#50
Toluene-d8
Concen: 53.621 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 424724

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3

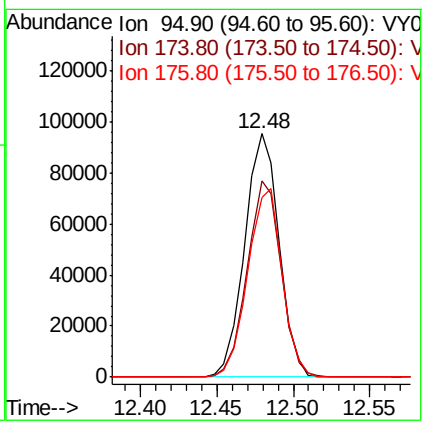


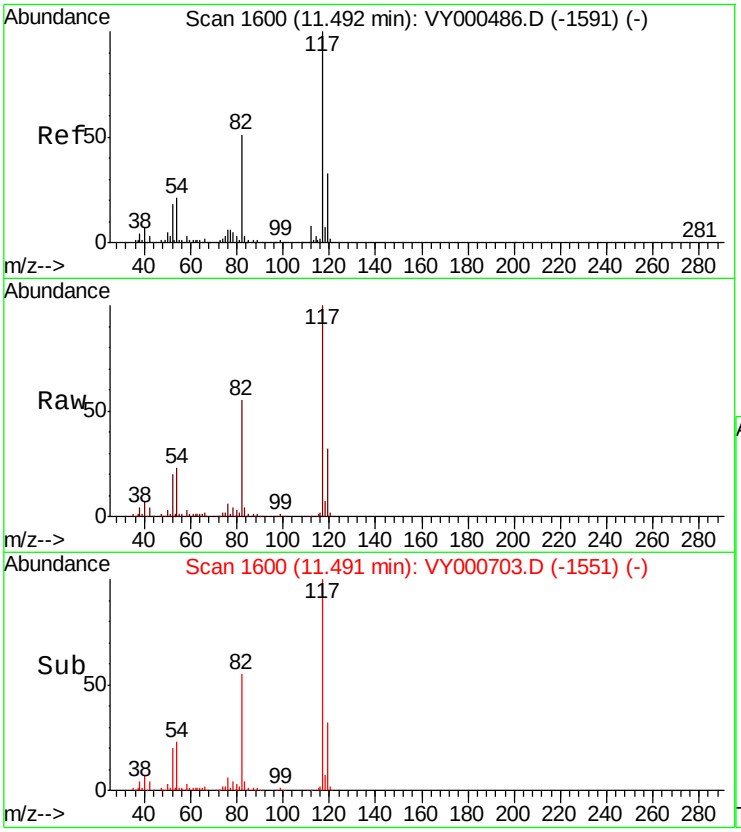


#62
4-Bromofluorobenzene
Concen: 49.372 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Tgt Ion: 95 Resp: 148876

Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	161.6
176	77.6	0.0	157.8



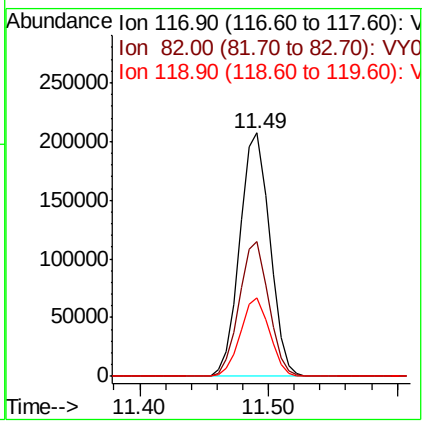


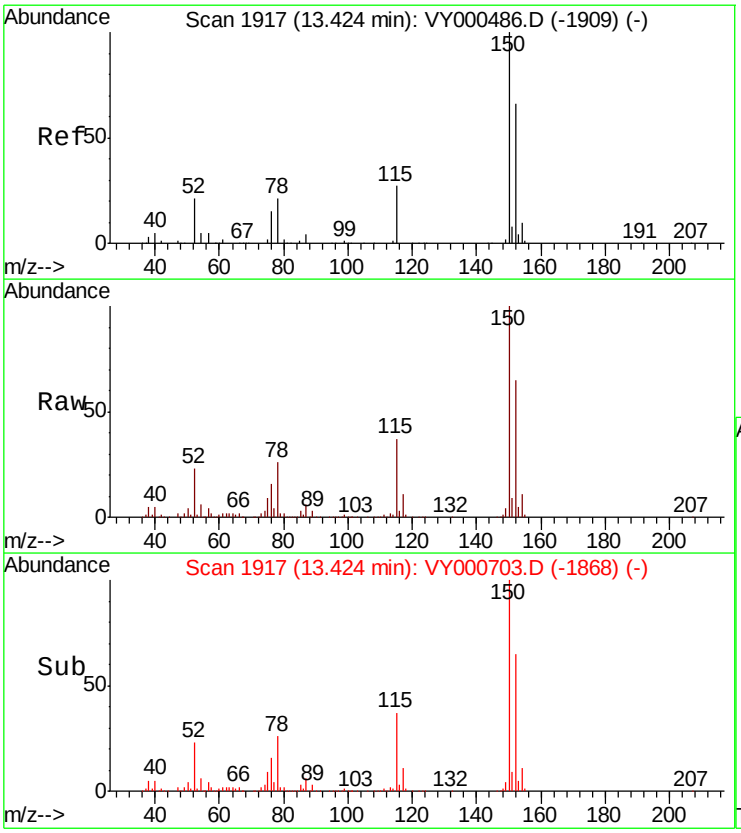
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 333315

Ion	Ratio	Lower	Upper
117	100		
82	55.2	40.8	61.2
119	32.3	26.2	39.2

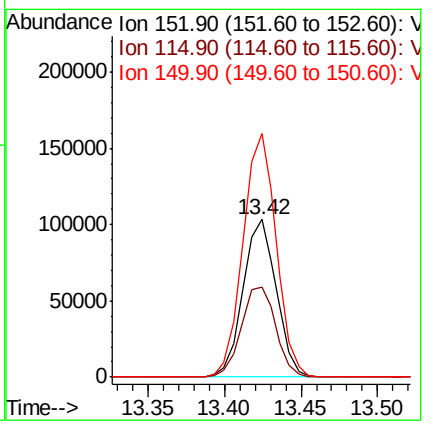


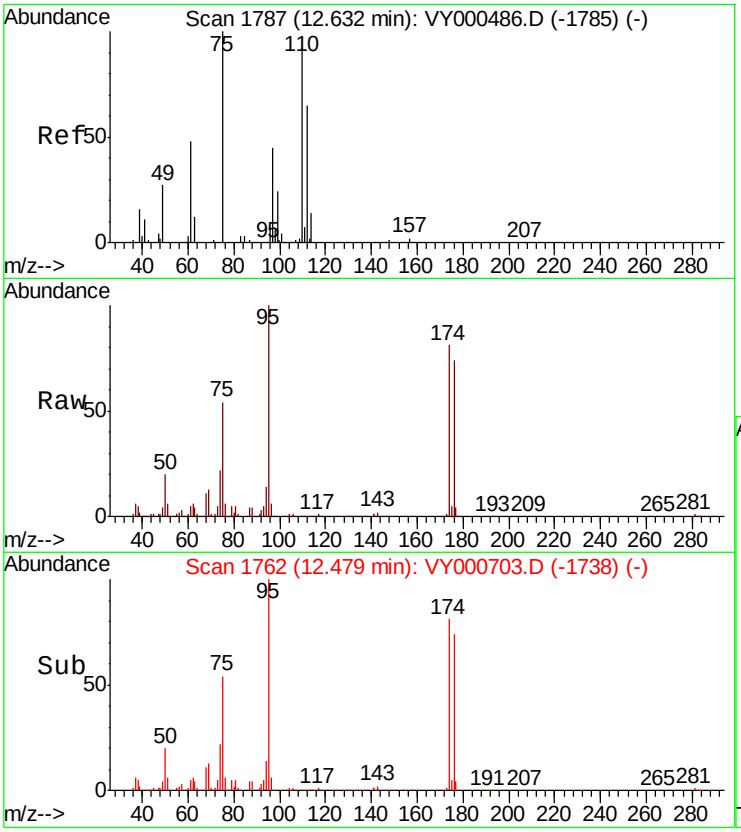


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Tgt Ion:152 Resp: 156031

Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.1	87.4
150	153.9	0.0	348.8



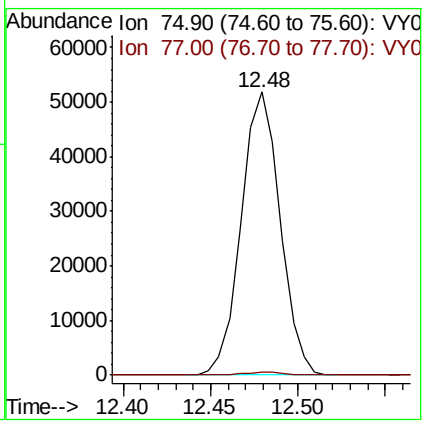


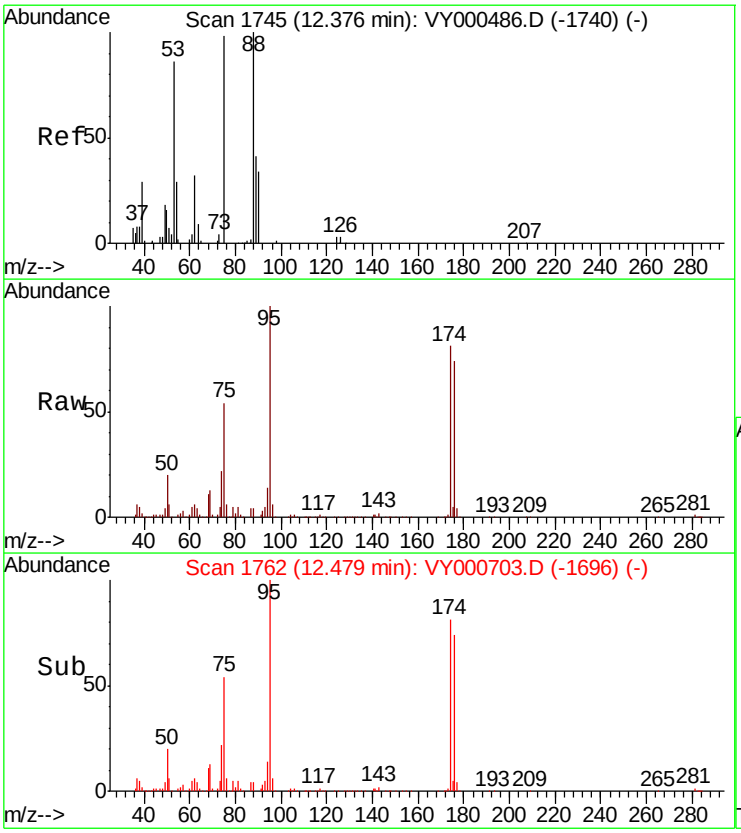
#76
1,2,3-Trichloropropane
Concen: 45.140 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80197

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.210 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000703.D
Acq: 15 Nov 2019 15:58

Tgt Ion: 75 Resp: 80197

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