Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
Data File : VY000710.D
Acq On : 15 Nov 2019 18:33
Operator : SY/MD
Sample : K5861-21
Misc : 6.41G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 16 02:33:23 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	179774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	331851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	314008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	151404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	114896	61.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.52%			
35) Dibromofluoromethane	7.73	113	100557	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.24%			
50) Toluene-d8	10.18	98	389734	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.44%			
62) 4-Bromofluorobenzene	12.48	95	140693	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.98%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.96	59	233	1.287	ug/l #	57
16) Acetone	3.97	43	1321	2.576	ug/l #	42
20) Methylene Chloride	4.71	84	2798	1.273	ug/l #	67
28) Bromochloromethane	7.52	49	254	4.241	ug/l #	14
31) Cyclohexane	7.80	56	5010	1.391	ug/l #	54
36) 1,1-Dichloropropene	7.79	75	14545	4.636	ug/l #	49
38) Carbon Tetrachloride	7.80	117	18246	6.044	ug/l #	14
49) 1,4-Dioxane	9.26	88	31	1.850	ug/l #	27
51) 4-Methyl-2-Pentanone	10.17	43	1992	1.071	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	76044	44.111	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	76044	98.902	ug/l #	13

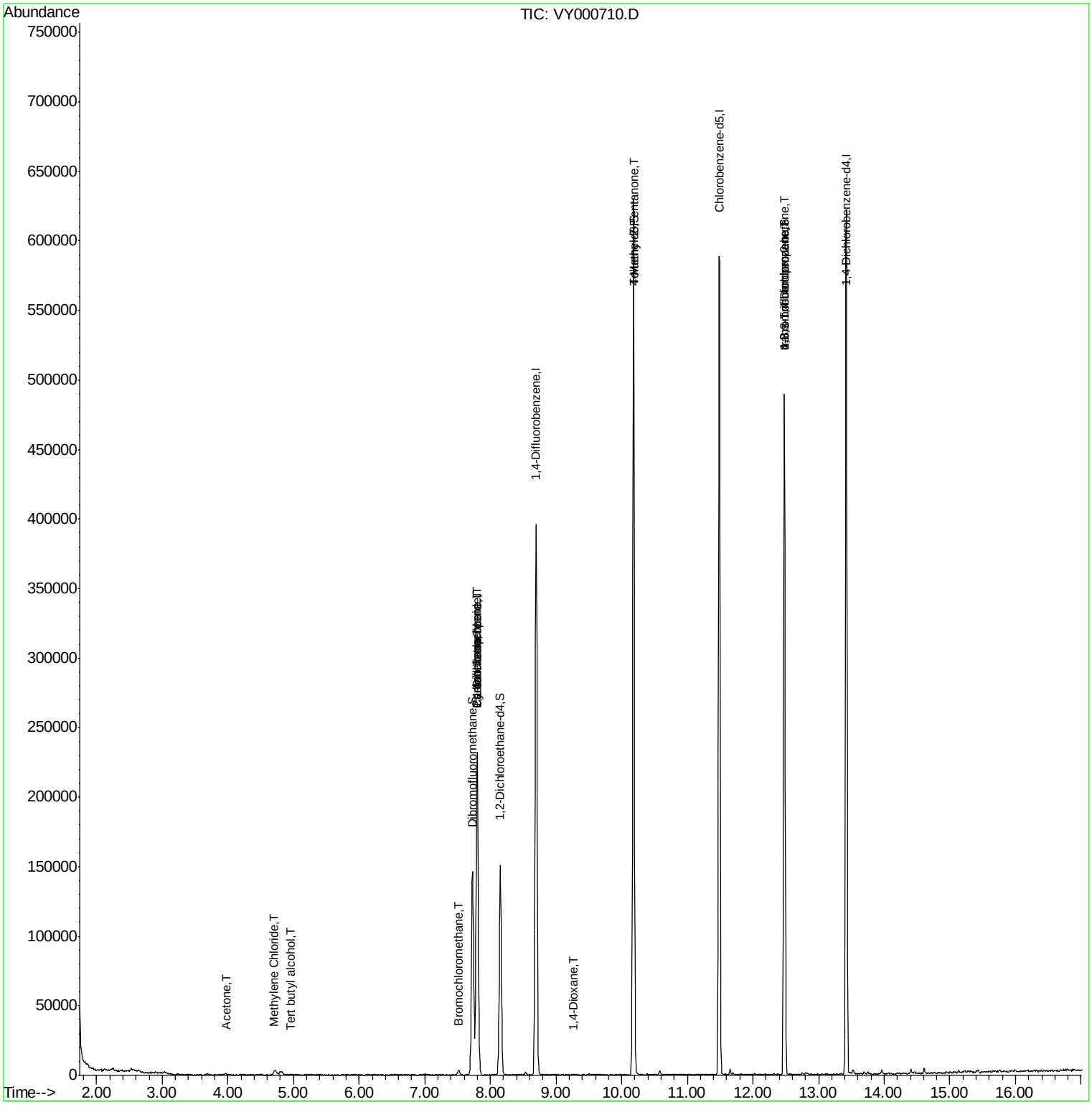
(#) = qualifier out of range (m) = manual integration (+) = signals summed

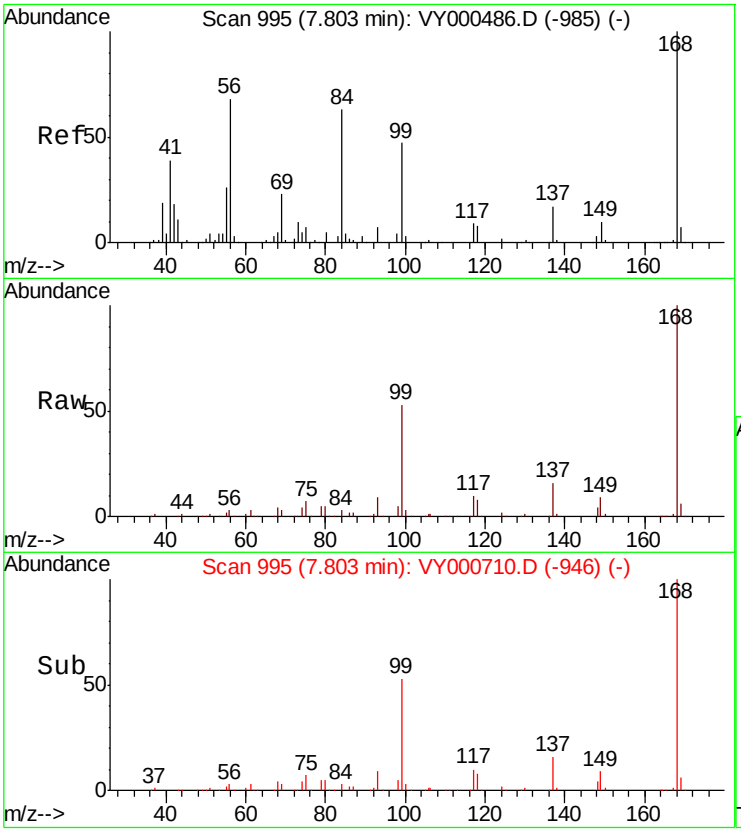
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
Data File : VY000710.D
Acq On : 15 Nov 2019 18:33
Operator : SY/MD
Sample : K5861-21
Misc : 6.41G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 16 02:33:23 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



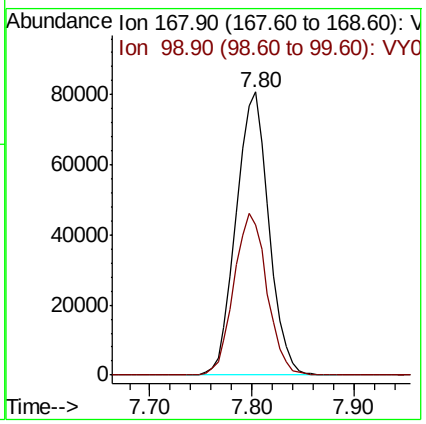


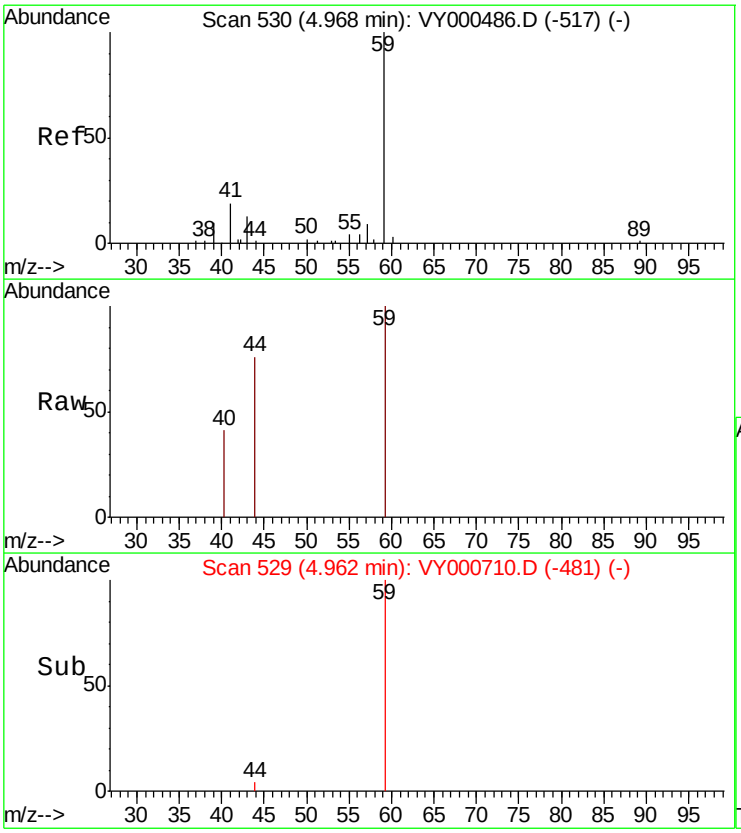
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 179774

Ion	Ratio	Lower	Upper
168	100		
99	53.1	45.7	68.5

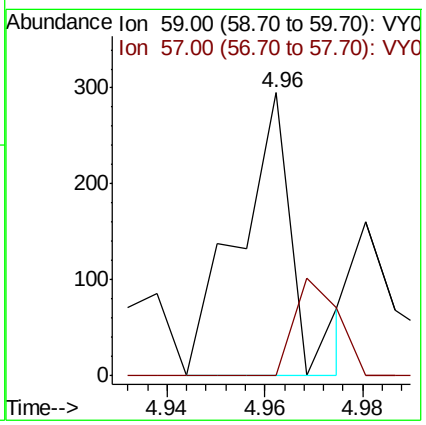


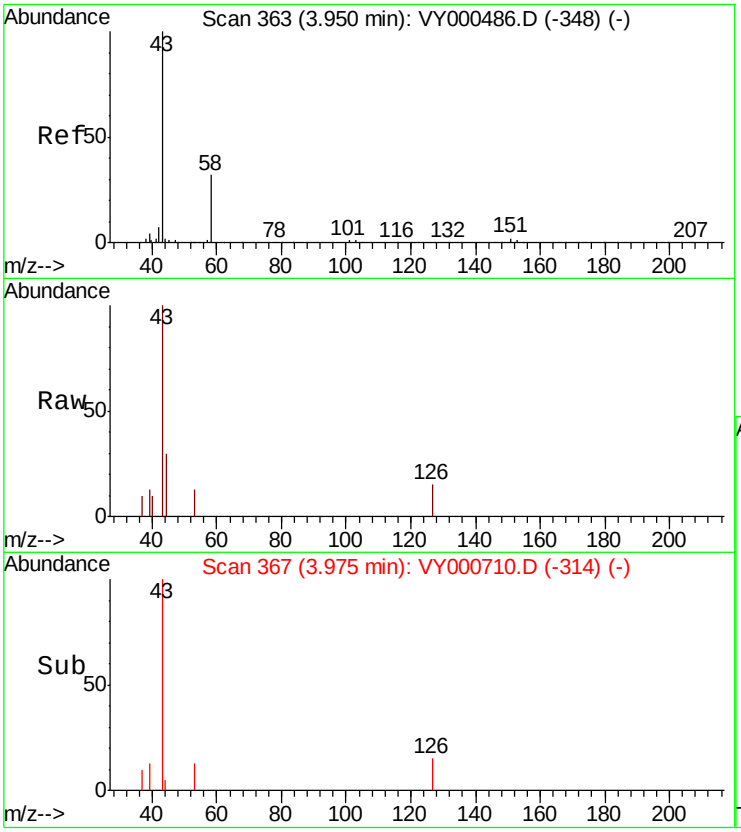


#11
Tert butyl alcohol
Concen: 1.287 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion: 59 Resp: 233

Ion	Ratio	Lower	Upper
59	100		
57	27.0	8.6	12.8#



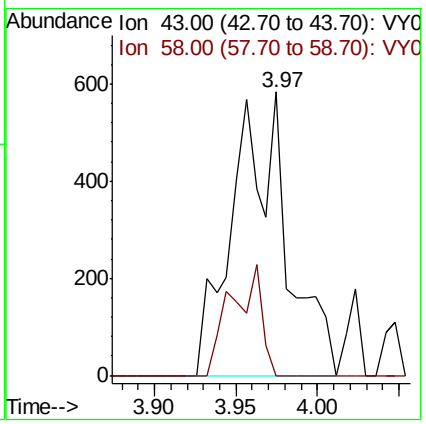


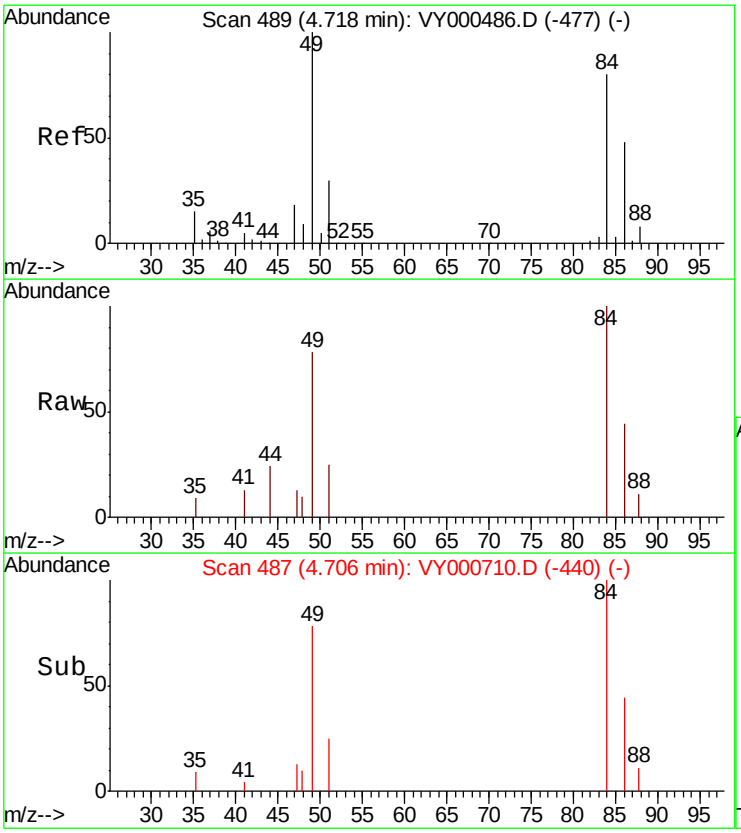
#16
Acetone
Concen: 2.576 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.02 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1321

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.8	38.6#

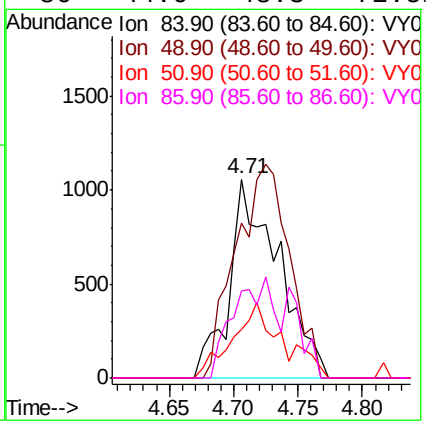


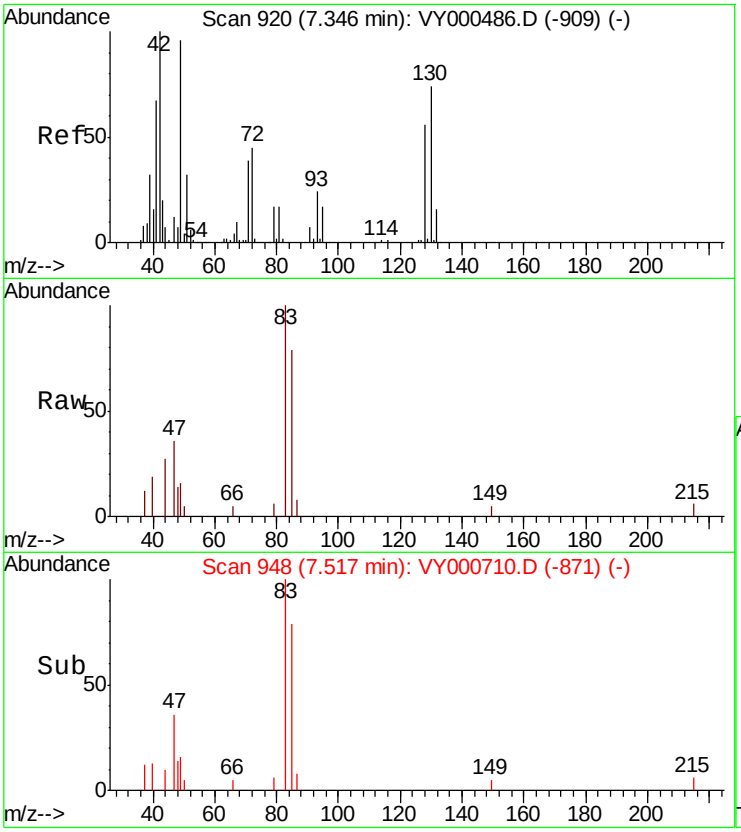


#20
Methylene Chloride
Concen: 1.273 ug/l
RT: 4.71 min Scan# 487
Delta R.T. -0.01 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion: 84 Resp: 2798

Ion	Ratio	Lower	Upper
84	100		
49	78.0	100.2	150.4#
51	24.6	29.6	44.4#
86	44.0	48.3	72.5#



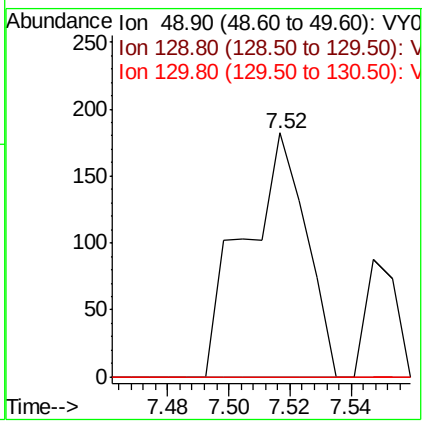


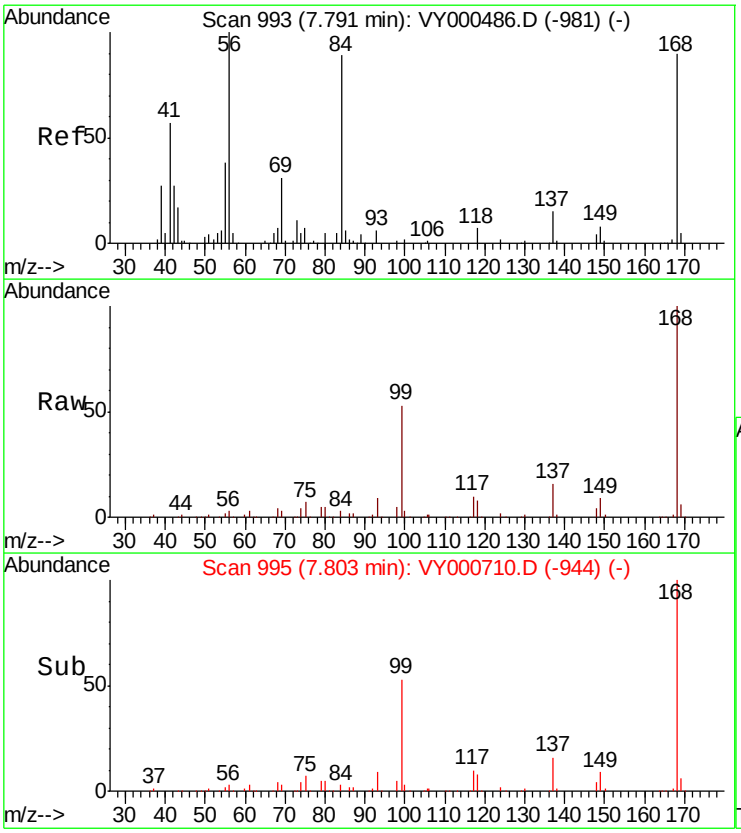
#28
Bromochloromethane
Concen: 4.241 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.17 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 49 Resp: 254

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

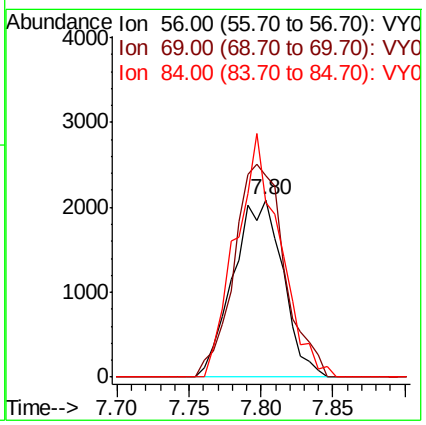


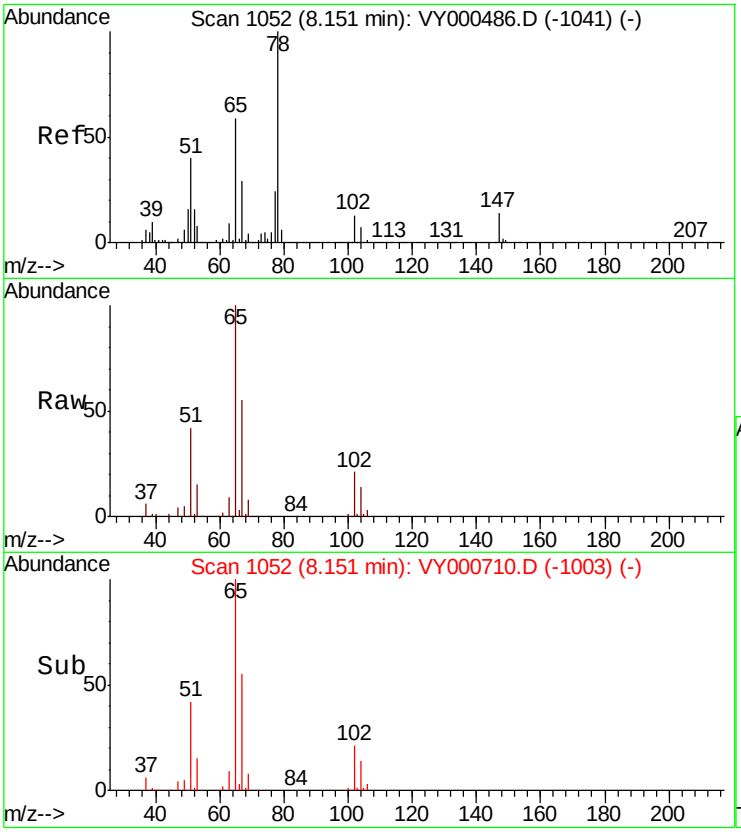


#31
Cyclohexane
Concen: 1.391 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion: 56 Resp: 5010

Ion	Ratio	Lower	Upper
56	100		
69	113.4	25.0	37.6#
84	98.3	71.4	107.2



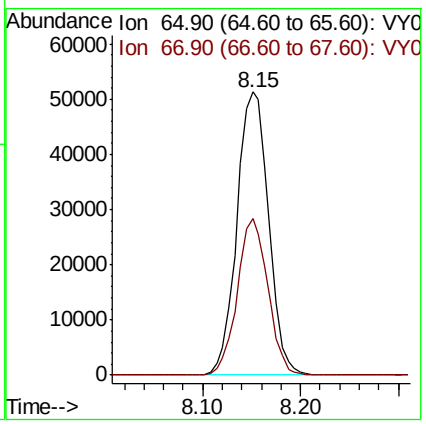


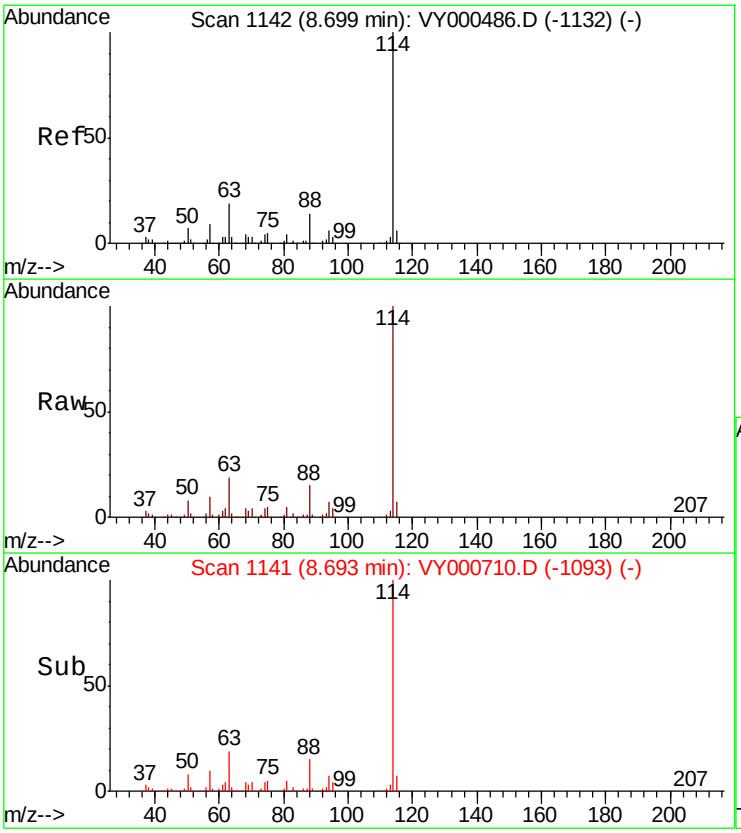
#33
1,2-Dichloroethane-d4
Concen: 61.758 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 114896

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.2

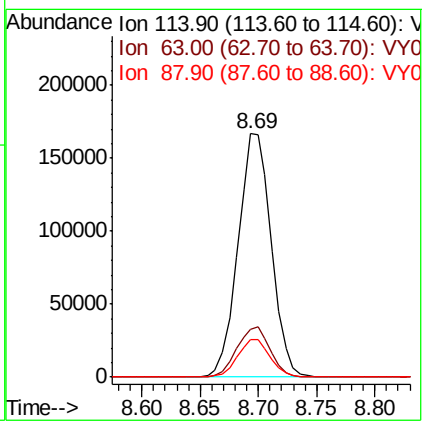


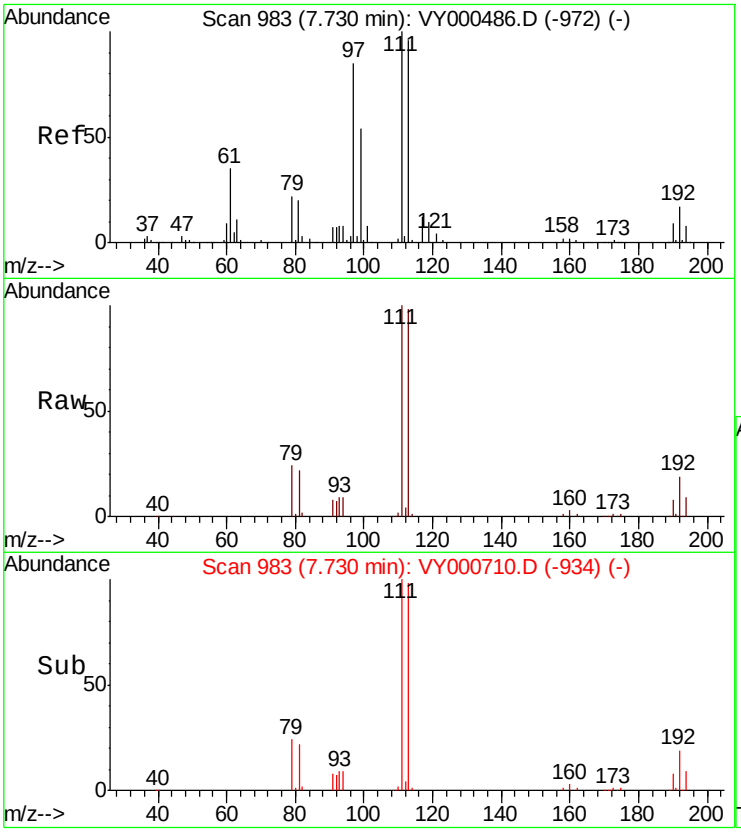


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion:114 Resp: 331851

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.0
88	15.5	0.0	28.6



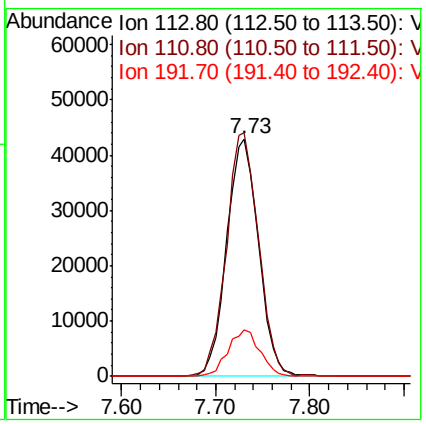


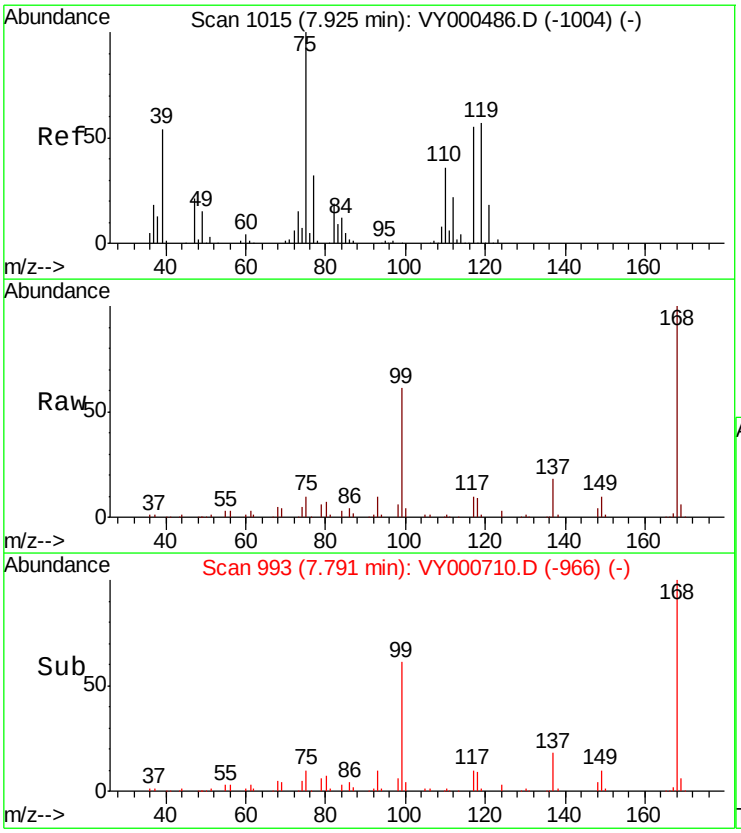
#35
Dibromofluoromethane
Concen: 51.616 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 100557

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.7	122.5
192	19.7	15.0	22.4

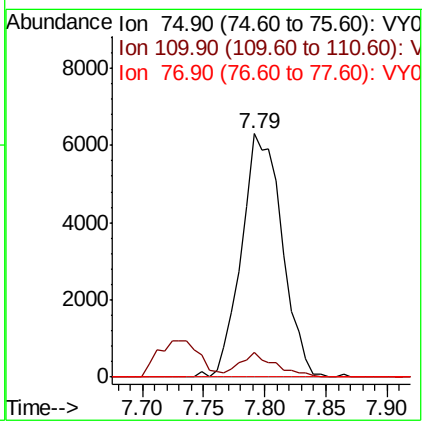


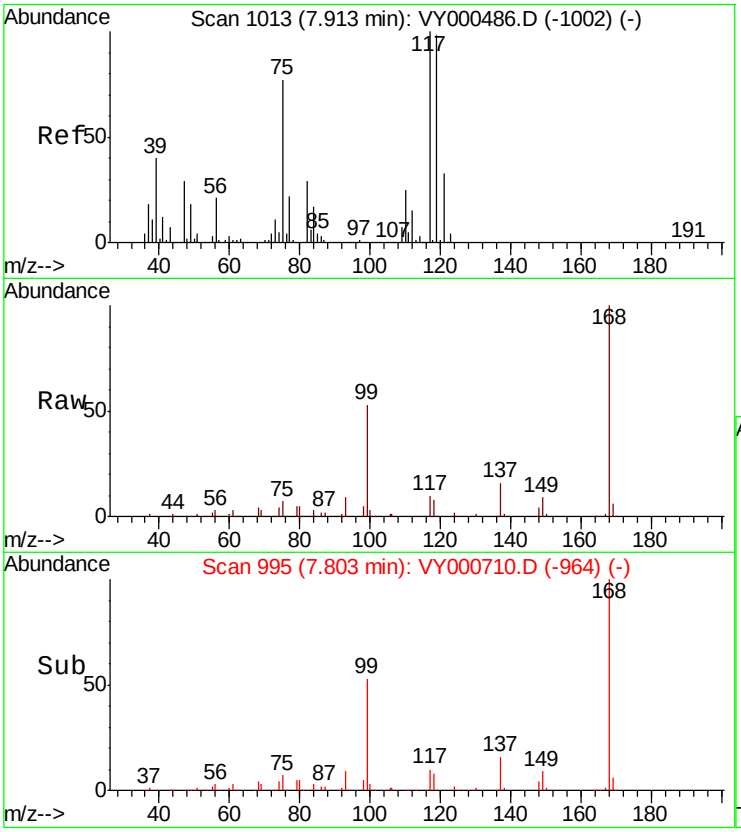


#36
1,1-Dichloropropene
Concen: 4.636 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion: 75 Resp: 14545

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



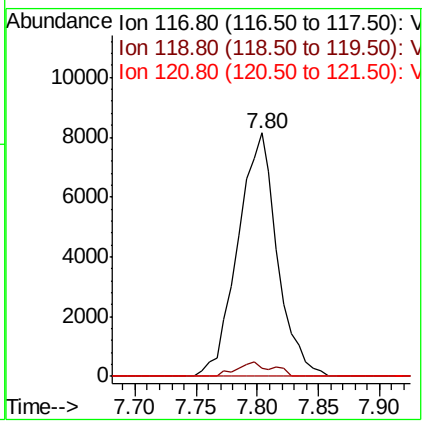


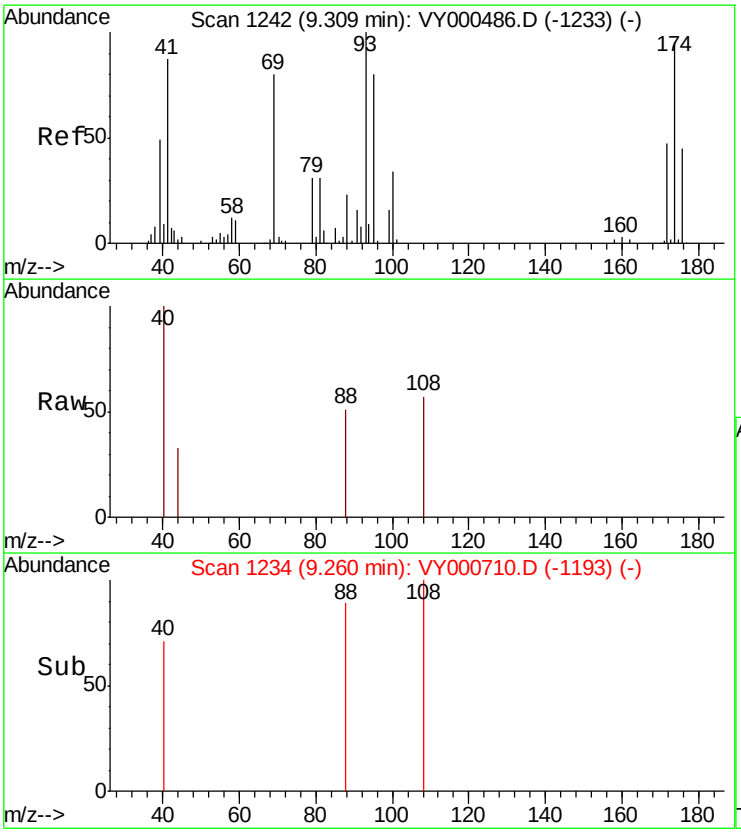
#38
Carbon Tetrachloride
Concen: 6.044 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 18246

Ion	Ratio	Lower	Upper
117	100		
119	3.4	78.0	117.0#
121	0.0	26.6	40.0#

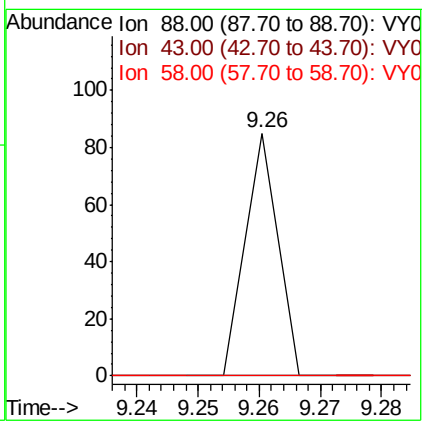


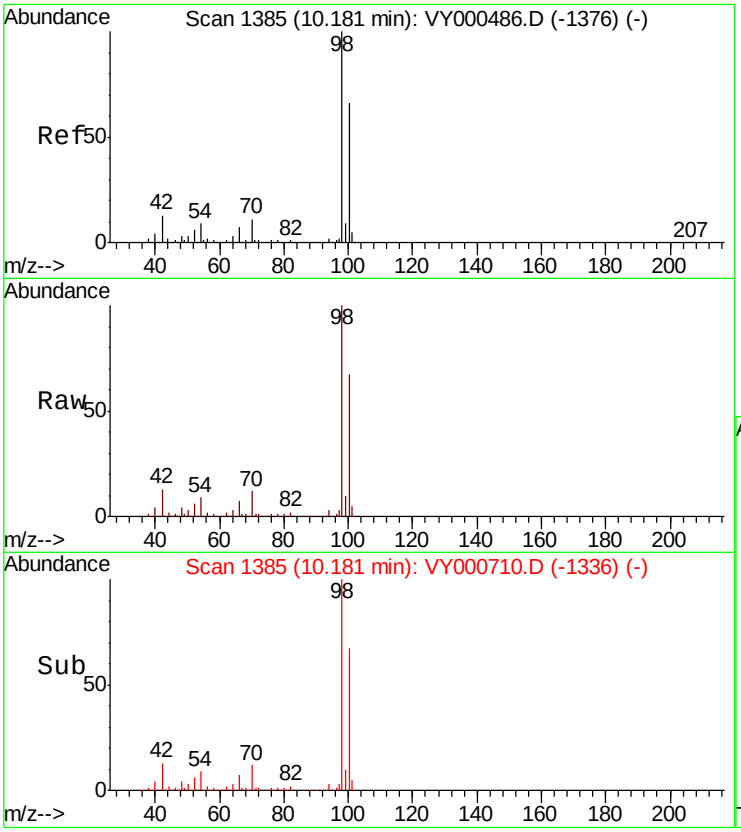


#49
1,4-Dioxane
Concen: 1.850 ug/l
RT: 9.26 min Scan# 1234
Delta R.T. -0.05 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion: 88 Resp: 31

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



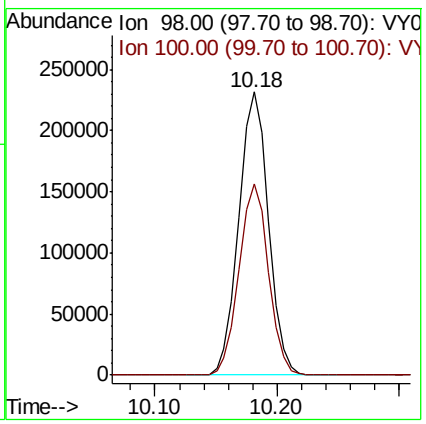


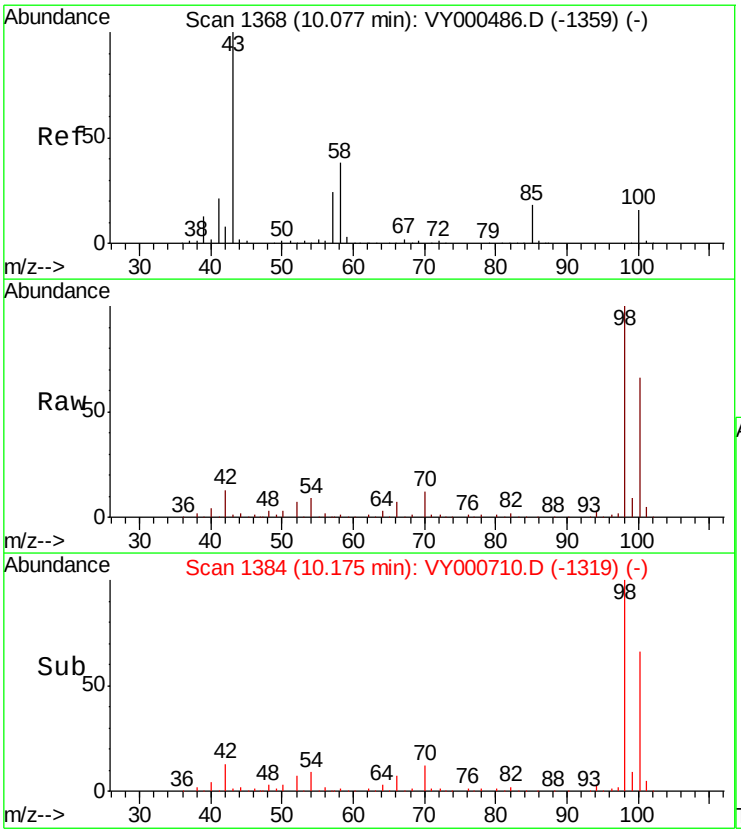
#50
Toluene-d8
Concen: 52.722 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 389734

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.9	79.3

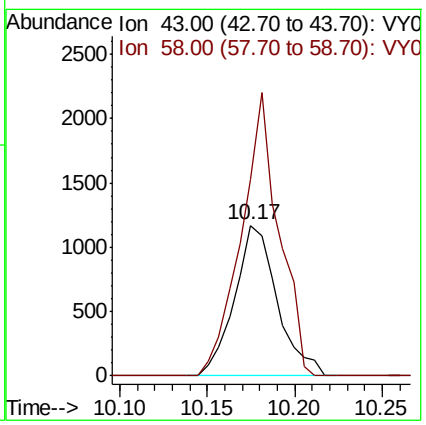


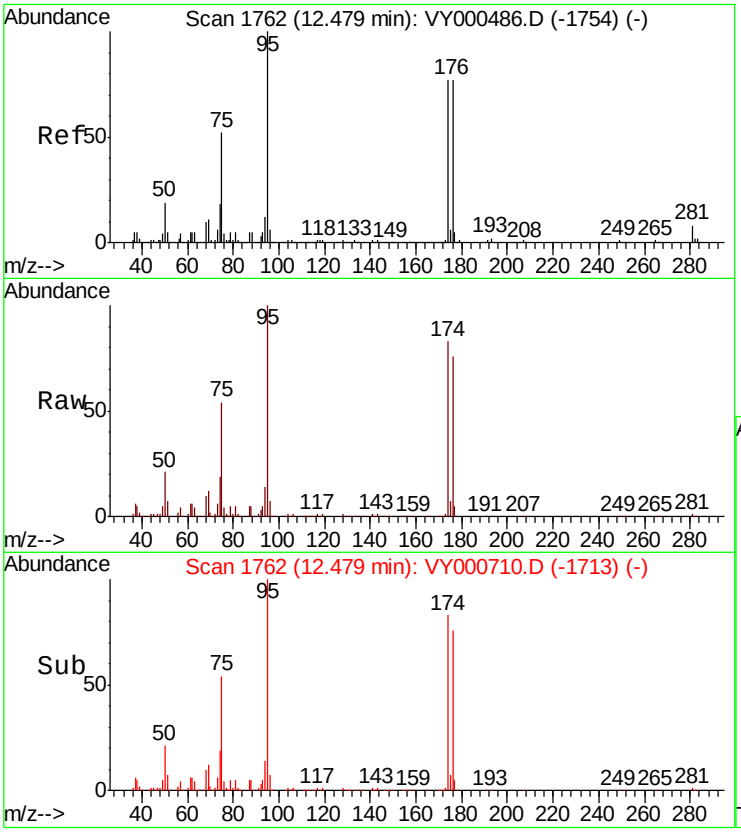


#51
4-Methyl-2-Pentanone
Concen: 1.071 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. 0.10 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion: 43 Resp: 1992

Ion	Ratio	Lower	Upper
43	100		
58	164.9	30.2	45.4#



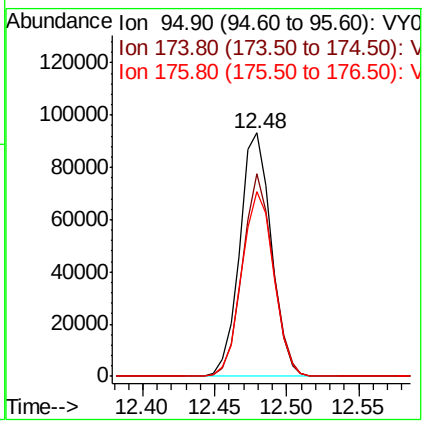


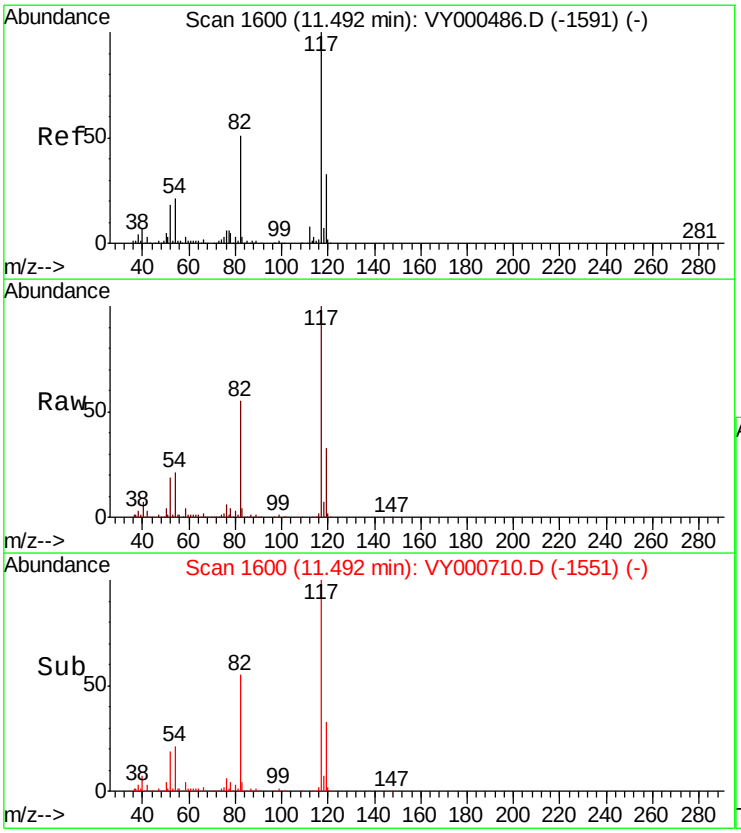
#62
4-Bromofluorobenzene
Concen: 49.994 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 140693

Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	161.6
176	77.3	0.0	157.8

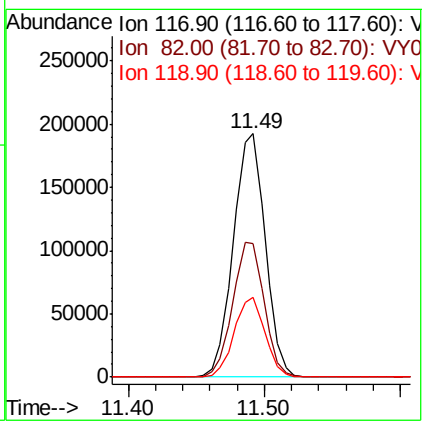


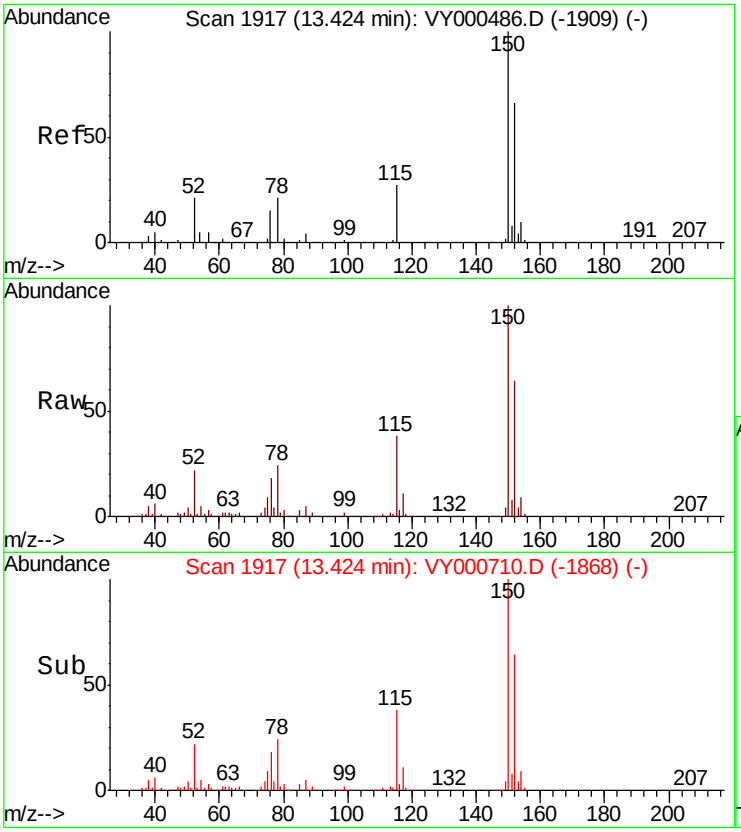


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion:117 Resp: 314008

Ion	Ratio	Lower	Upper
117	100		
82	55.1	40.8	61.2
119	32.6	26.2	39.2



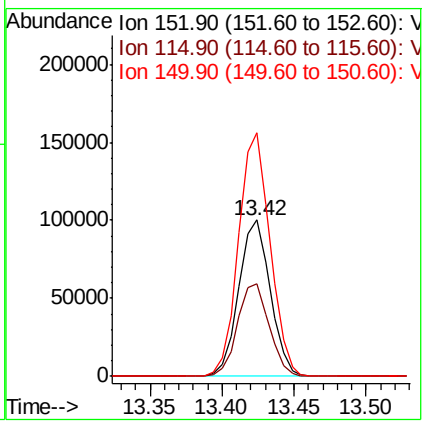


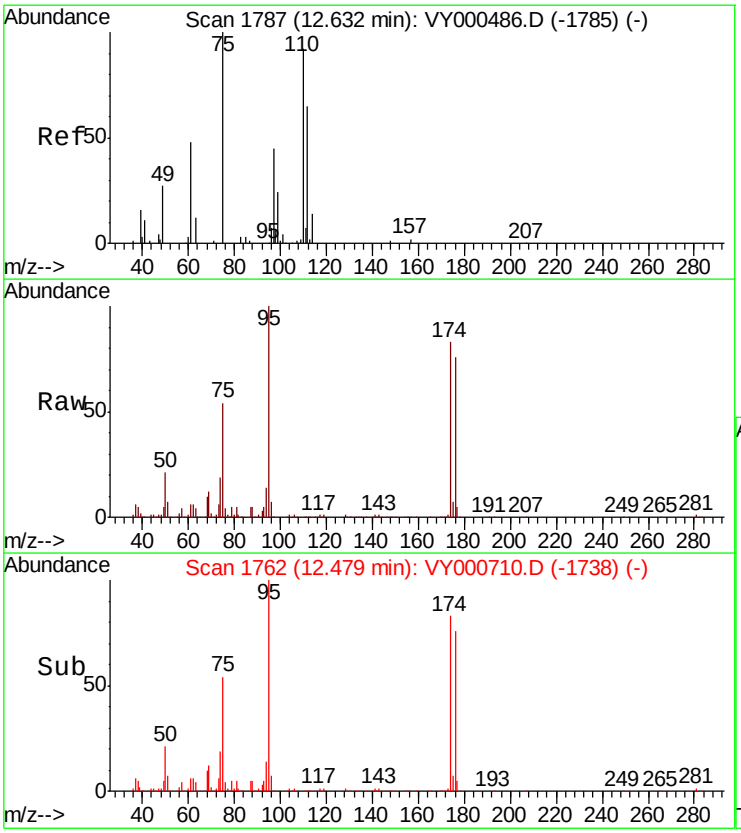
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 151404

Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.1	87.4
150	156.0	0.0	348.8

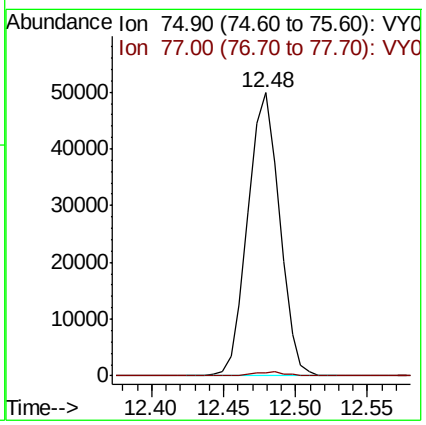


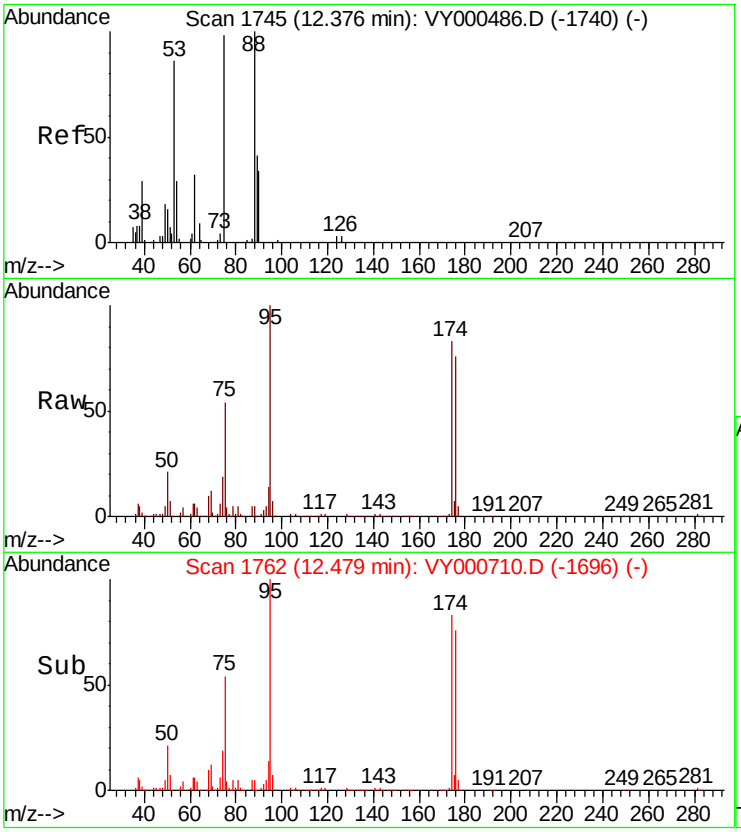


#76
1,2,3-Trichloropropane
Concen: 44.111 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion: 75 Resp: 76044

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.902 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76044

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.2	109.8#
89	0.2	35.9	53.9#