Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
Data File : VY000727.D
Acq On : 18 Nov 2019 15:19
Operator : SY/MD
Sample : K5861-16RE
Misc : 5.49G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EP-13RE

Quant Time: Nov 18 15:41:23 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	175199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	328278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	301061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	140601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	113104	62.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 124.76%			
35) Dibromofluoromethane	7.73	113	97517	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.20%			
50) Toluene-d8	10.18	98	384258	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.10%			
62) 4-Bromofluorobenzene	12.48	95	135360	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.24%			
Target Compounds						Qvalue
10) Methyl Iodide	4.08	142	57	3.222	ug/l #	41
11) Tert butyl alcohol	4.95	59	758	4.295	ug/l #	72
16) Acetone	3.96	43	3979	7.963	ug/l #	85
18) Methyl Acetate	4.49	43	2385	1.535	ug/l #	84
20) Methylene Chloride	4.73	84	2553	1.192	ug/l #	73
28) Bromochloromethane	7.51	49	132	4.172	ug/l #	14
31) Cyclohexane	7.80	56	4610	1.314	ug/l #	30
36) 1,1-Dichloropropene	7.80	75	14733	4.747	ug/l #	49
38) Carbon Tetrachloride	7.80	117	18893	6.327	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	72456	45.259	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	72456	101.476	ug/l #	13

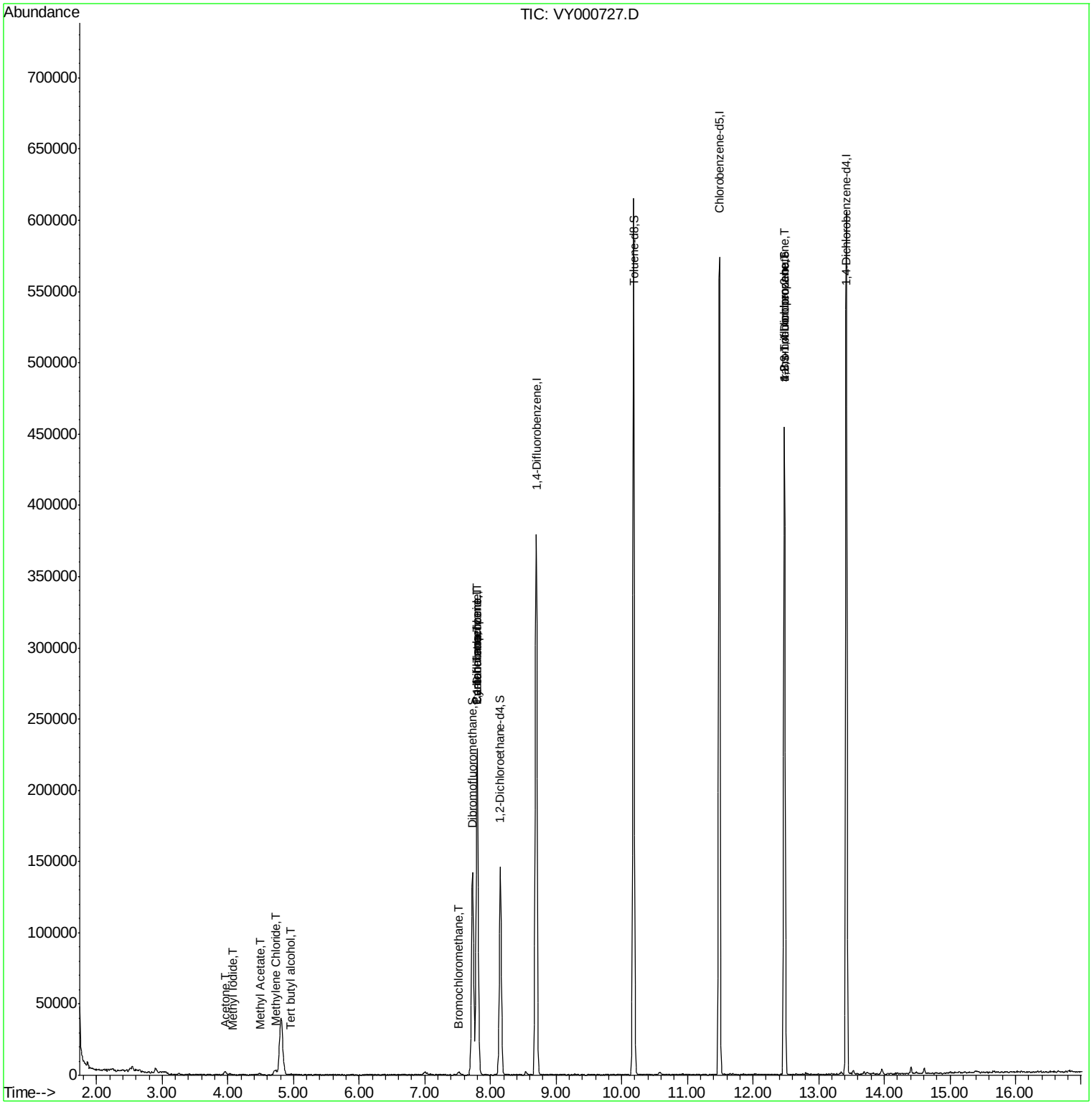
(#) = qualifier out of range (m) = manual integration (+) = signals summed

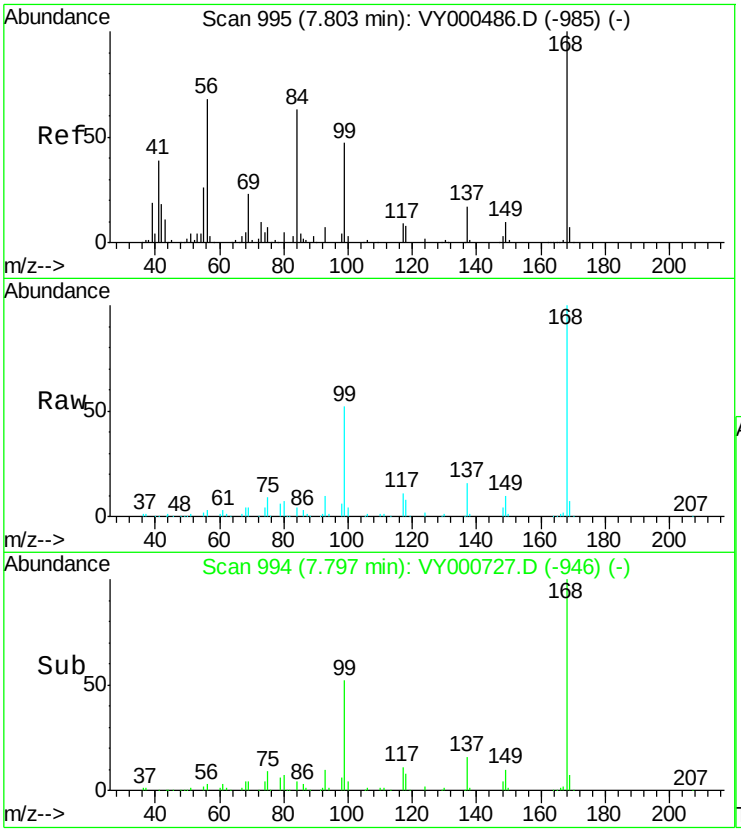
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
Data File : VY000727.D
Acq On : 18 Nov 2019 15:19
Operator : SY/MD
Sample : K5861-16RE
Misc : 5.49G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EP-13RE

Quant Time: Nov 18 15:41:23 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



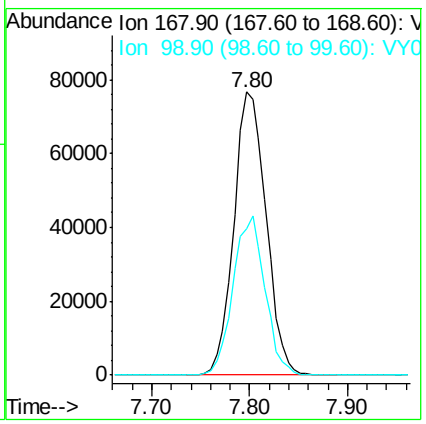


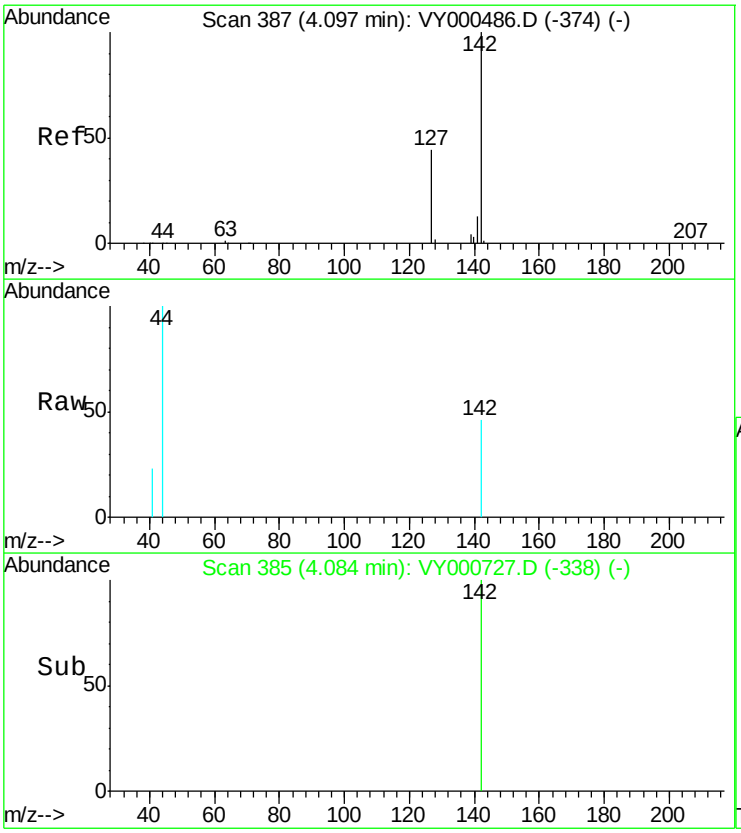
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :
EP-13RE

Tgt Ion:168 Resp: 175199

Ion	Ratio	Lower	Upper
168	100		
99	51.9	45.7	68.5

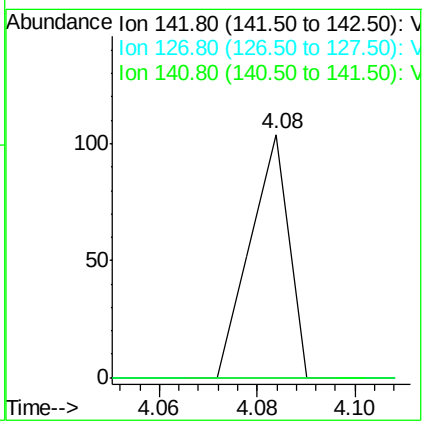


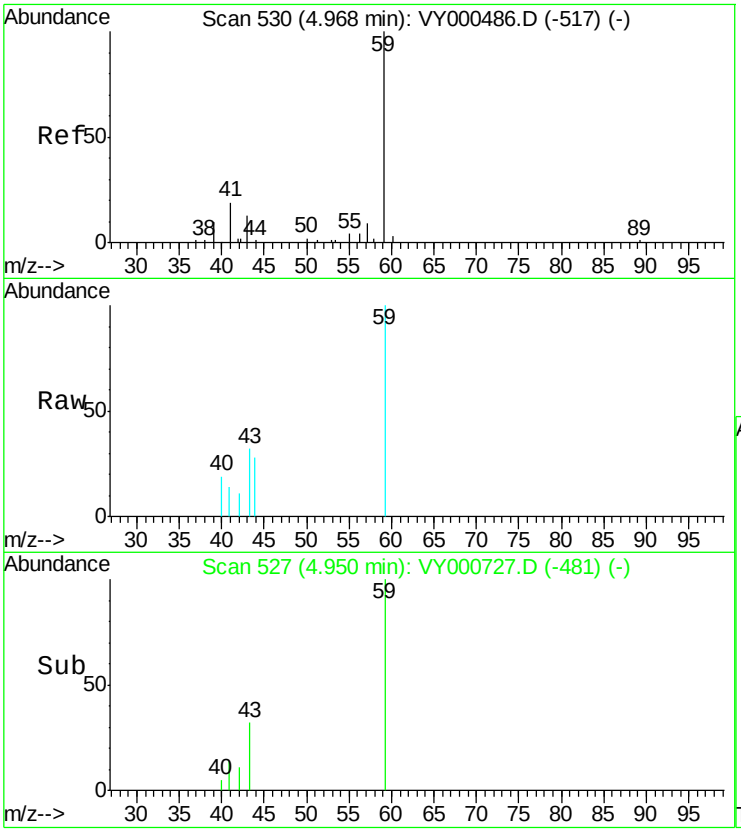


#10
Methyl Iodide
Concen: 3.222 ug/l
RT: 4.08 min Scan# 385
Delta R.T. -0.01 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Tgt Ion:142 Resp: 57

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



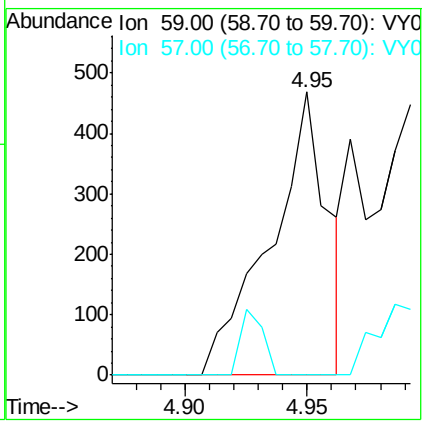


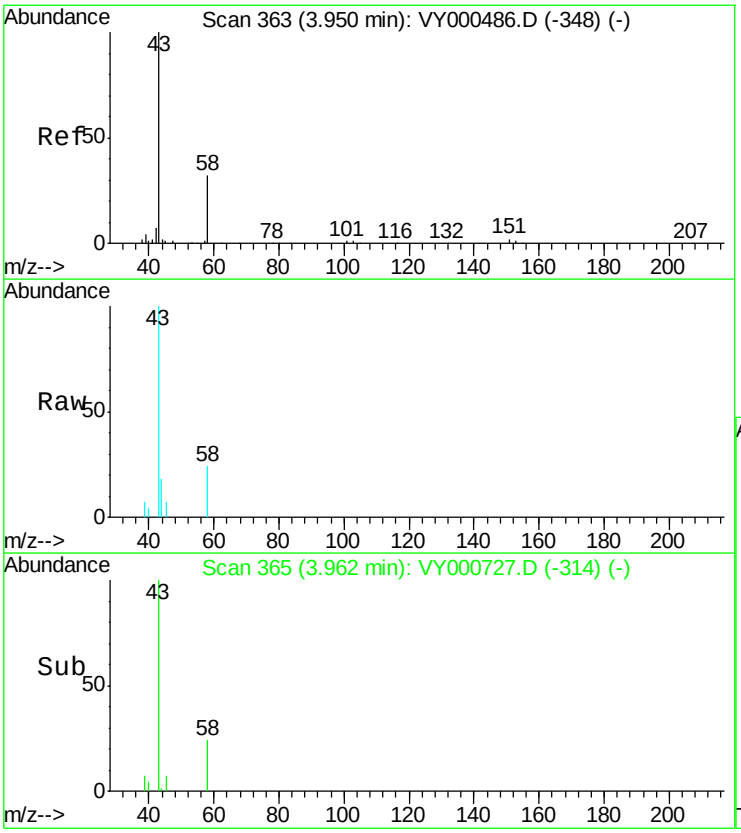
#11
Tert butyl alcohol
Concen: 4.295 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.02 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Instrument : MSVOA_Y
ClientSampleId : EP-13RE

Tgt Ion: 59 Resp: 758

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

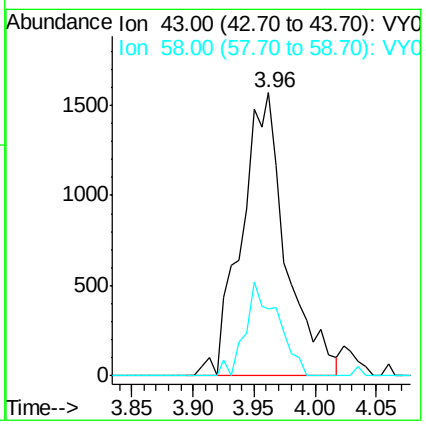


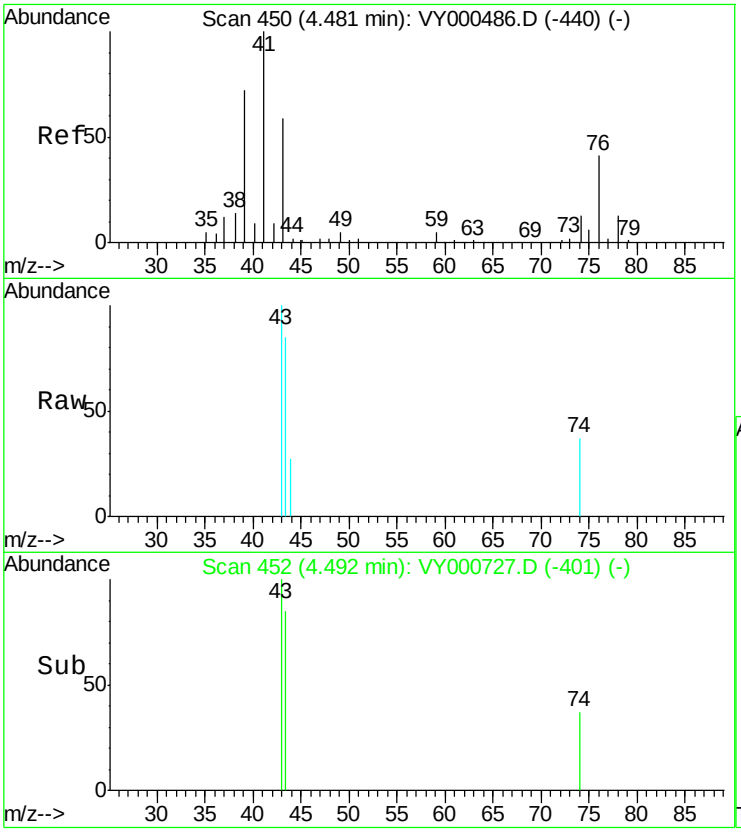


#16
Acetone
Concen: 7.963 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Tgt Ion: 43 Resp: 3979

Ion	Ratio	Lower	Upper
43	100		
58	23.7	25.8	38.6#



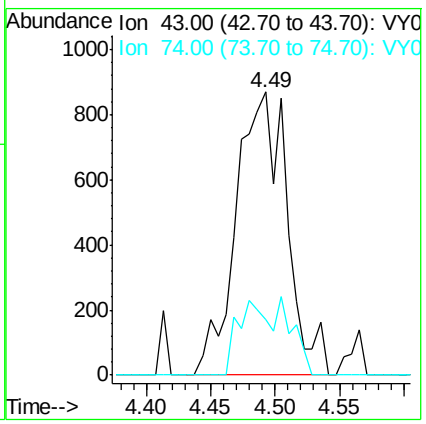


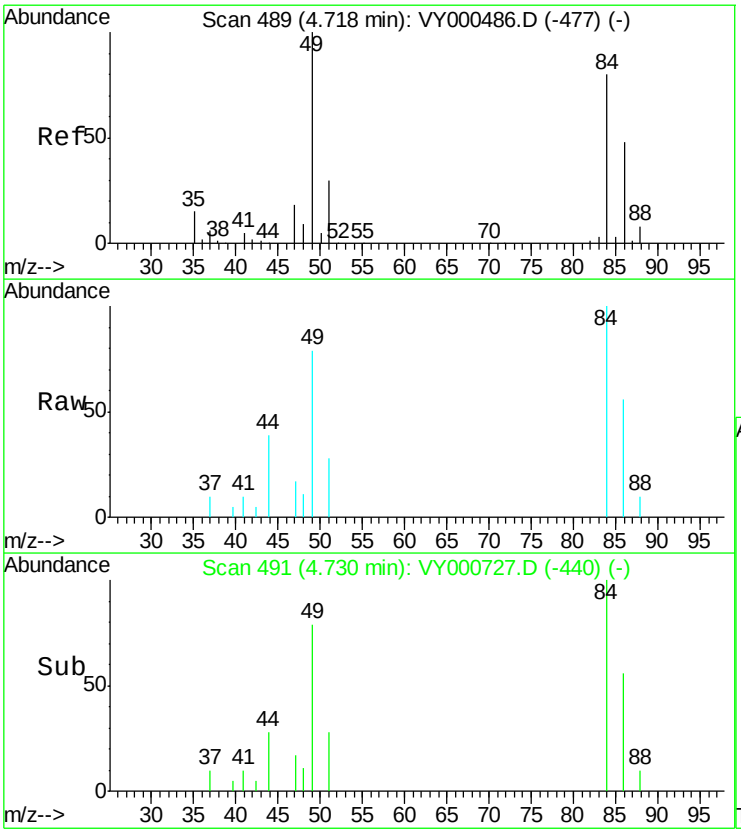
#18
Methyl Acetate
Concen: 1.535 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Instrument : MSVOA_Y
ClientSampleId : EP-13RE

Tgt Ion: 43 Resp: 2385

Ion	Ratio	Lower	Upper
43	100		
74	16.3	19.2	28.8#

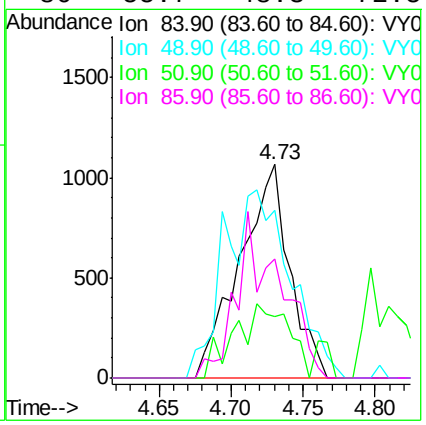


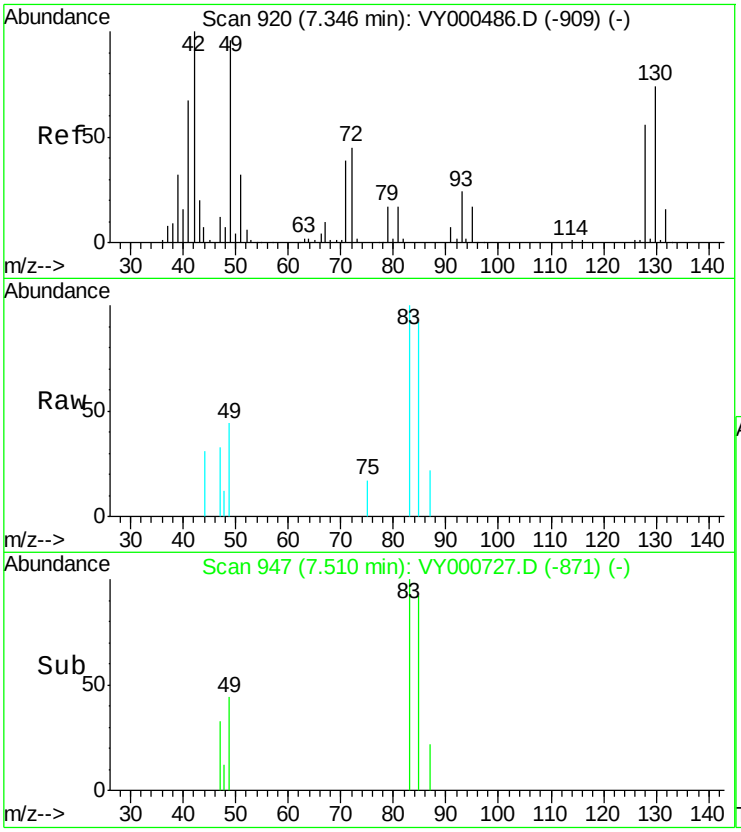


#20
Methylene Chloride
Concen: 1.192 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Tgt Ion: 84 Resp: 2553

Ion	Ratio	Lower	Upper
84	100		
49	78.6	100.2	150.4#
51	28.5	29.6	44.4#
86	55.7	48.3	72.5



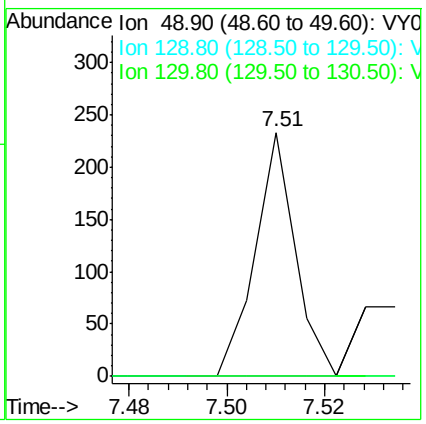


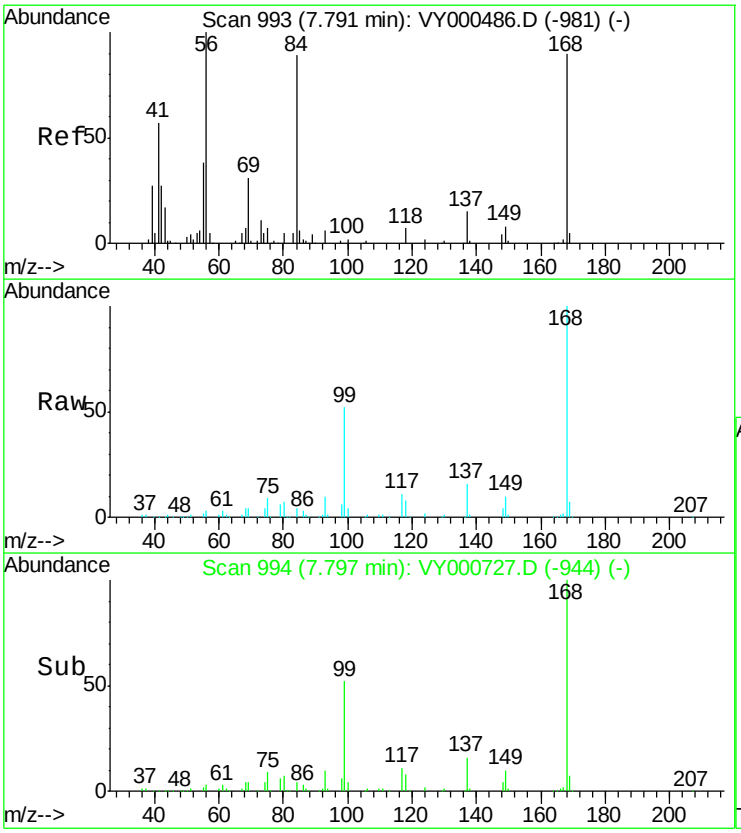
#28
Bromochloromethane
Concen: 4.172 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.17 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :
EP-13RE

Tgt Ion: 49 Resp: 132

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

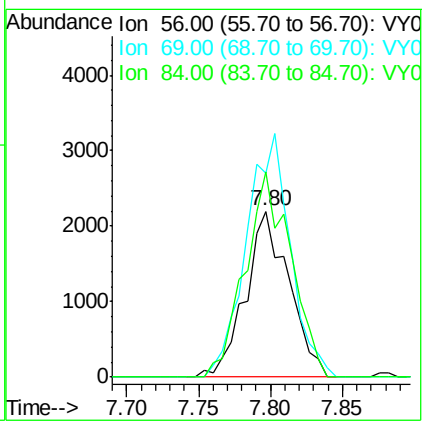


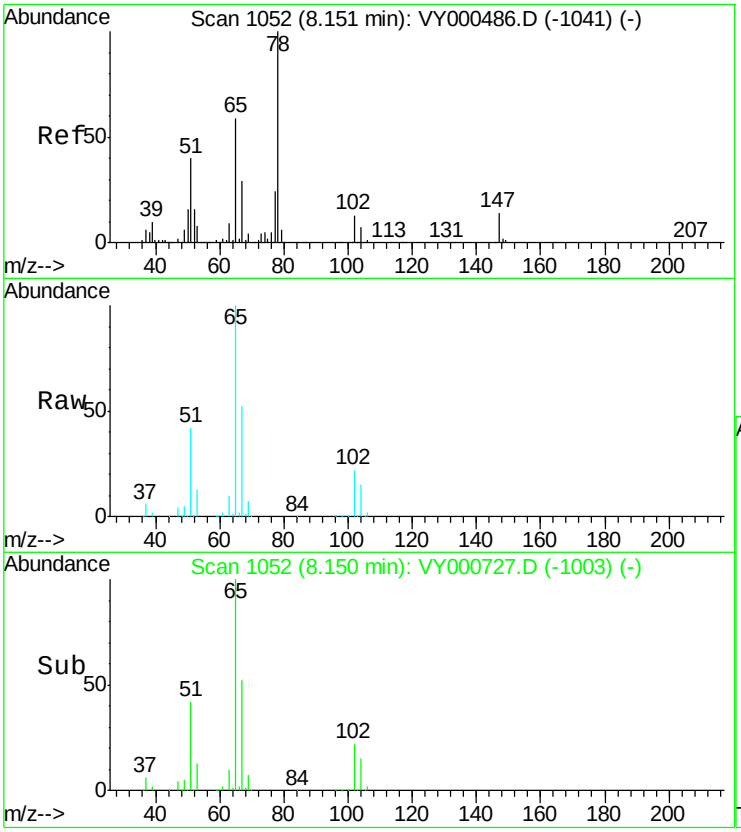


#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Tgt Ion: 56 Resp: 4610

Ion	Ratio	Lower	Upper
56	100		
69	122.8	25.0	37.6#
84	123.4	71.4	107.2#



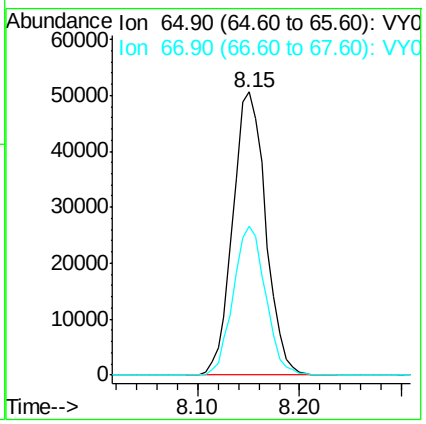


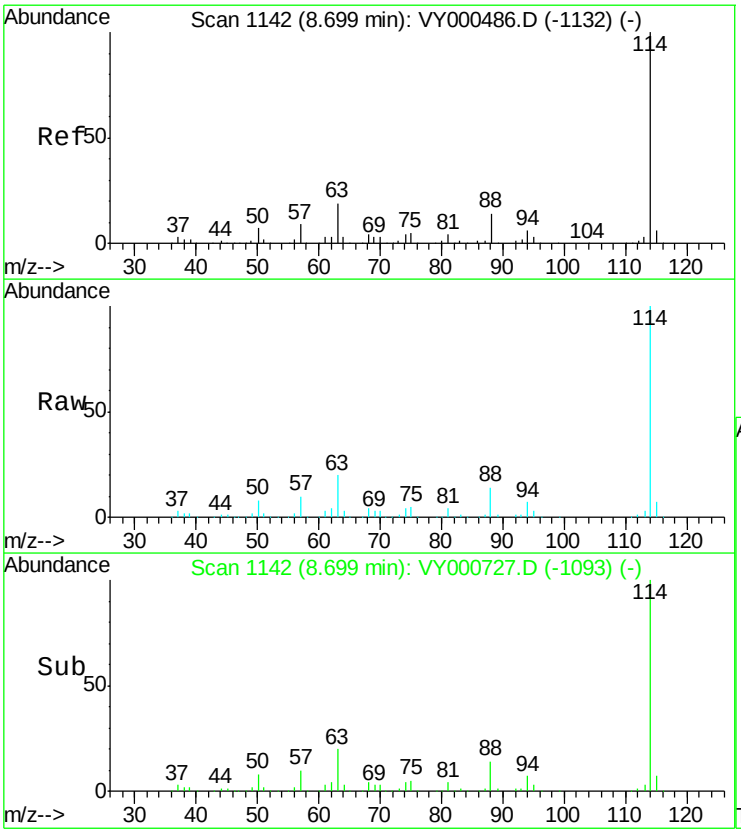
#33
1,2-Dichloroethane-d4
Concen: 62.382 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :
EP-13RE

Tgt Ion: 65 Resp: 113104

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	107.2

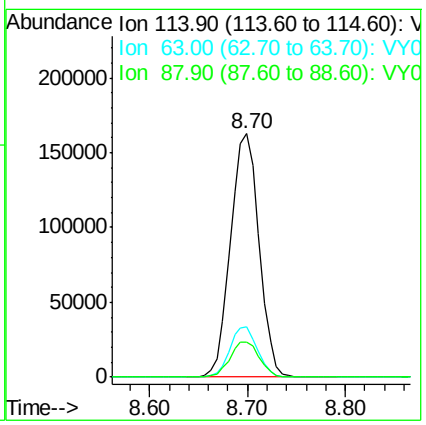


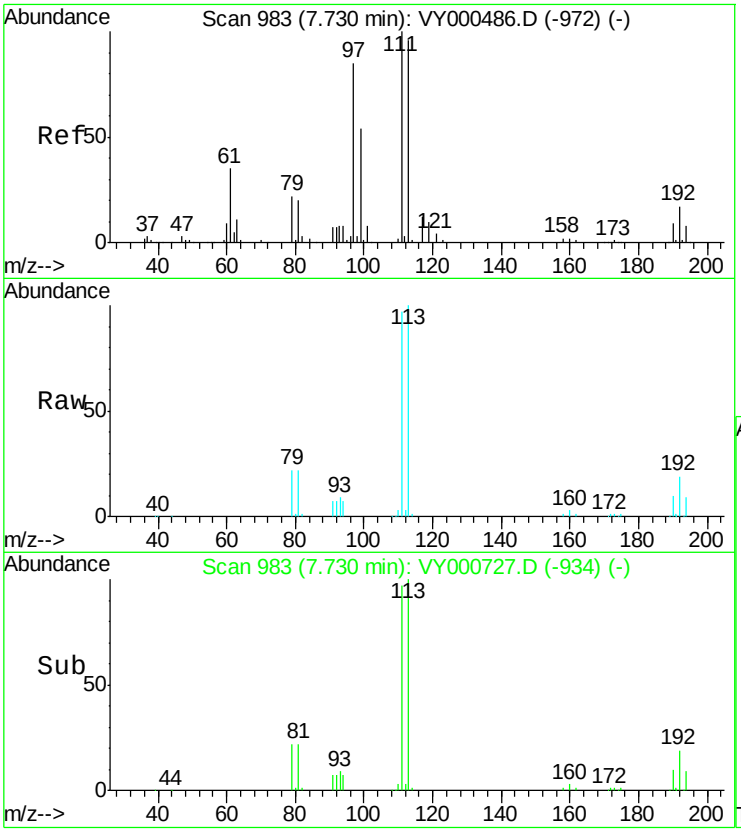


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Tgt Ion:114 Resp: 328278

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	38.0
88	14.4	0.0	28.6



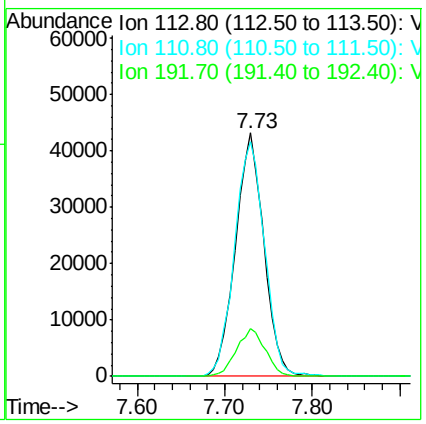


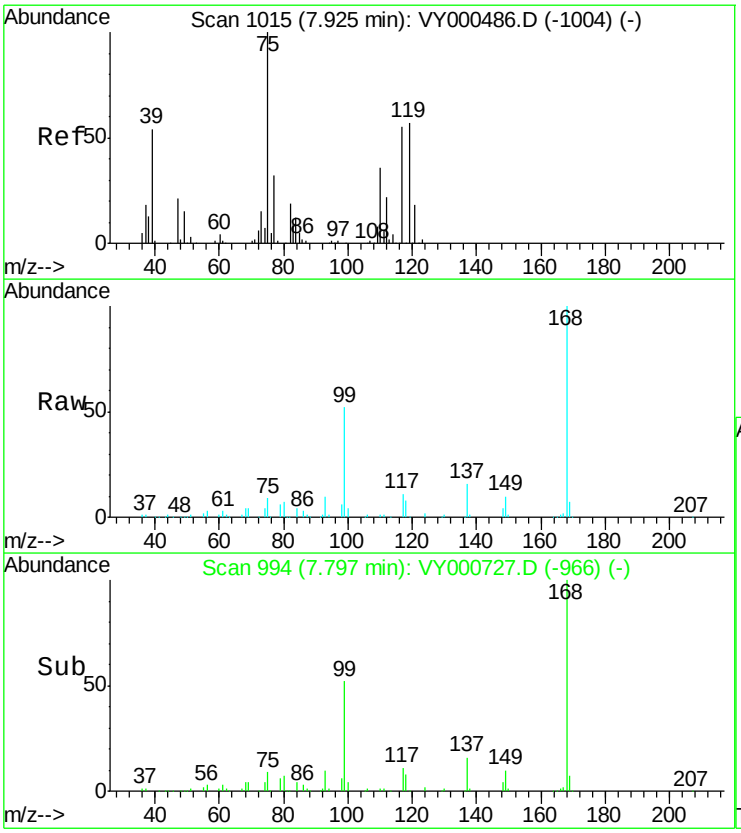
#35
Dibromofluoromethane
Concen: 50.600 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :
EP-13RE

Tgt Ion:113 Resp: 97517

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.7	122.5
192	19.8	15.0	22.4

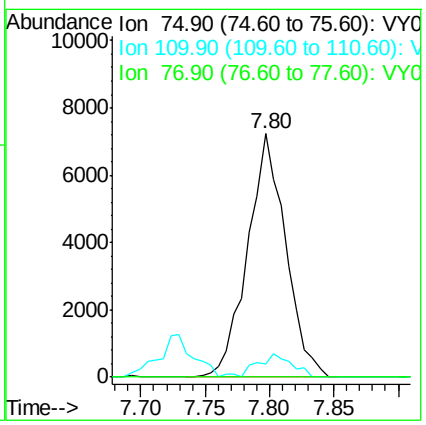


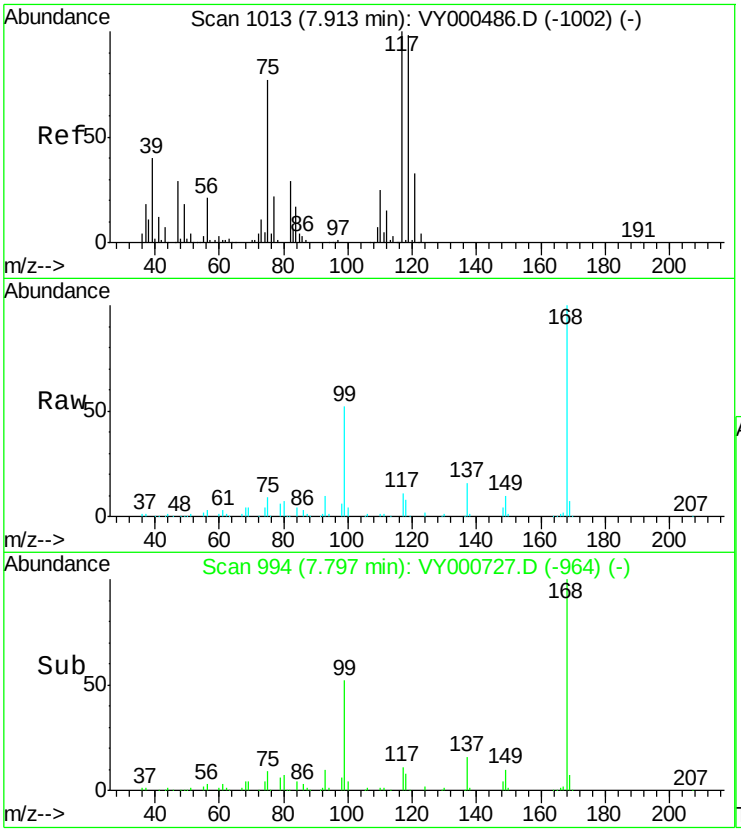


#36
1,1-Dichloropropene
Concen: 4.747 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Tgt Ion: 75 Resp: 14733

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.1#
77	0.0	25.0	37.6#



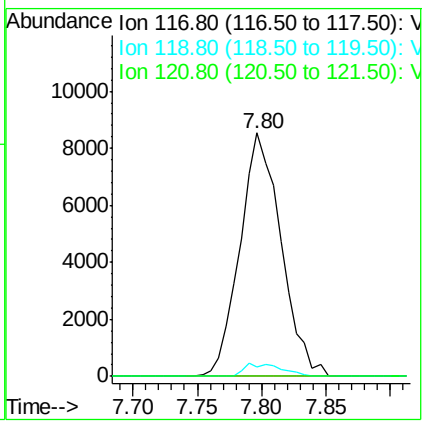


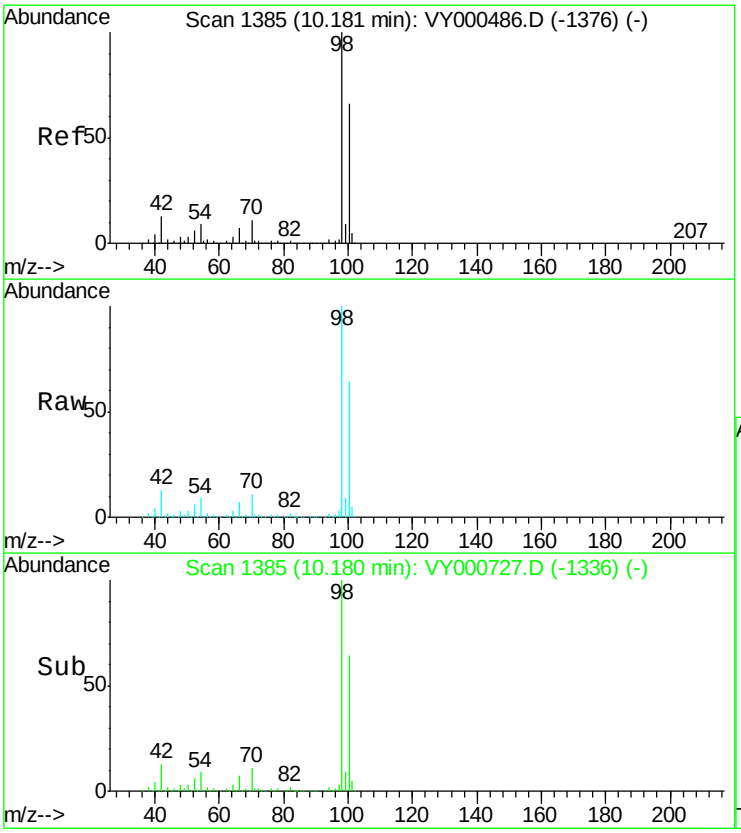
#38
Carbon Tetrachloride
Concen: 6.327 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :
EP-13RE

Tgt Ion:117 Resp: 18893

Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.0	117.0#
121	0.0	26.6	40.0#

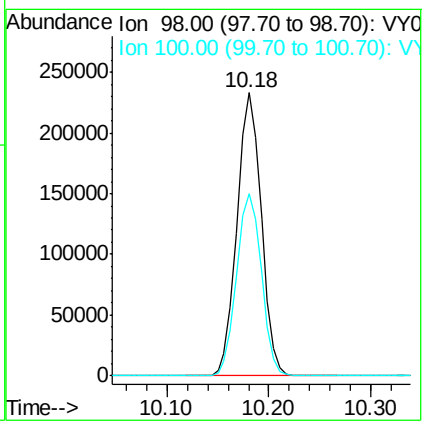


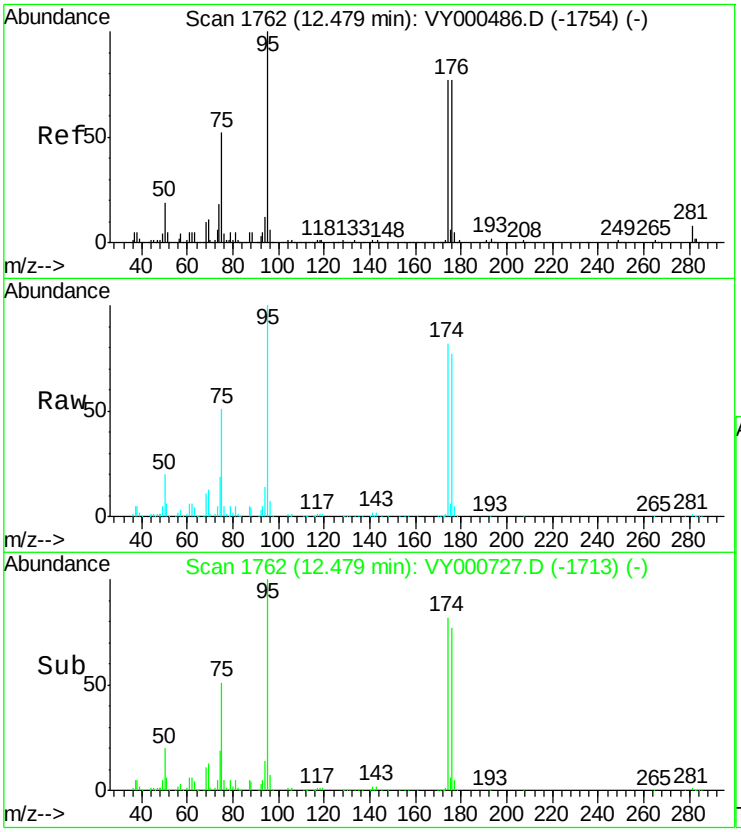


#50
Toluene-d8
Concen: 52.547 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Tgt Ion: 98 Resp: 384258

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3



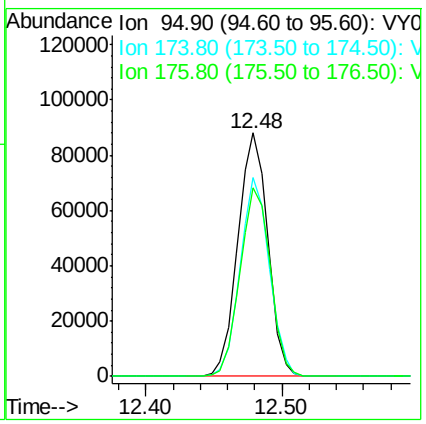


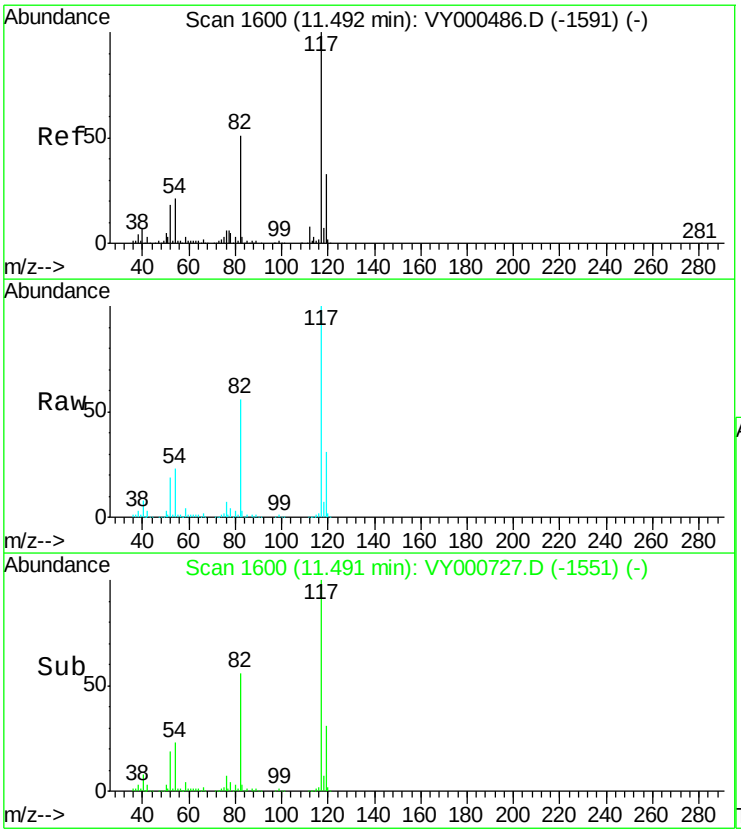
#62
4-Bromofluorobenzene
Concen: 48.622 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :
EP-13RE

Tgt Ion: 95 Resp: 135360

Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	161.6
176	78.1	0.0	157.8

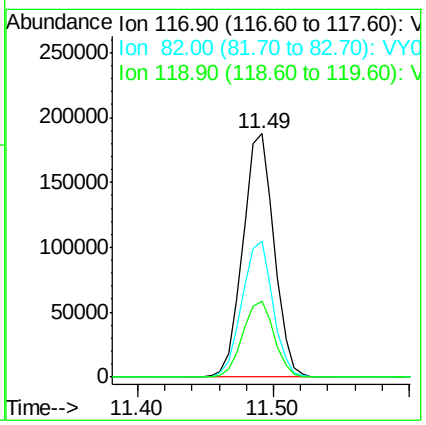


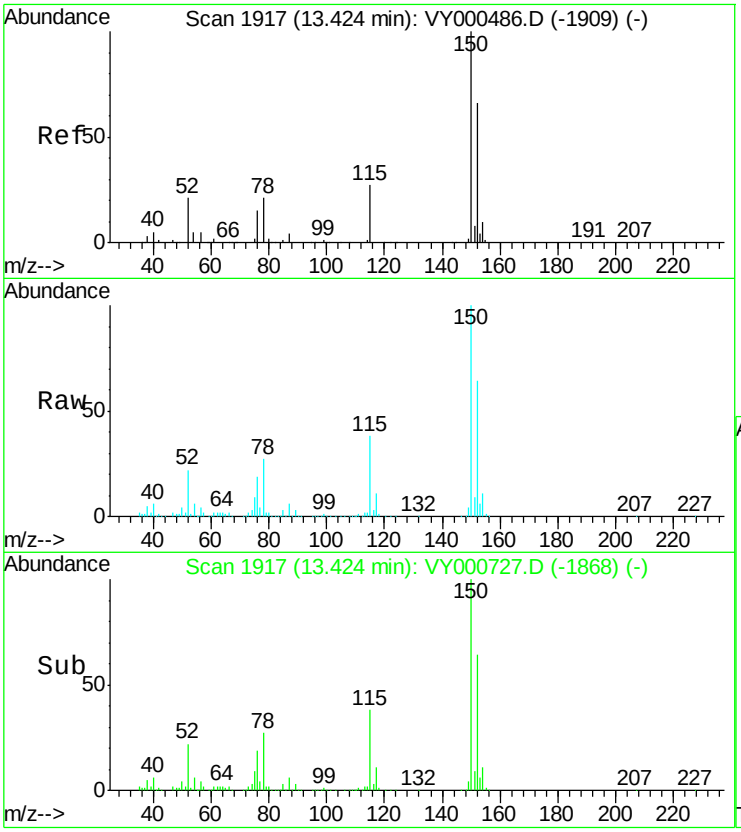


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Tgt Ion:117 Resp: 301061

Ion	Ratio	Lower	Upper
117	100		
82	55.7	40.8	61.2
119	31.5	26.2	39.2



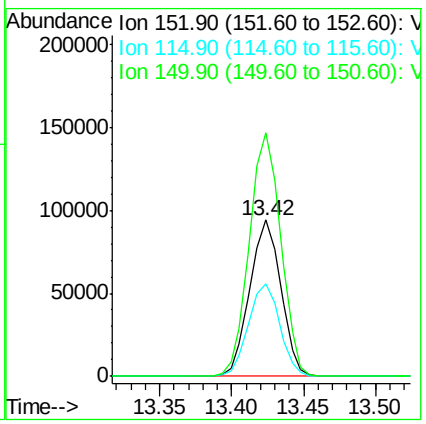


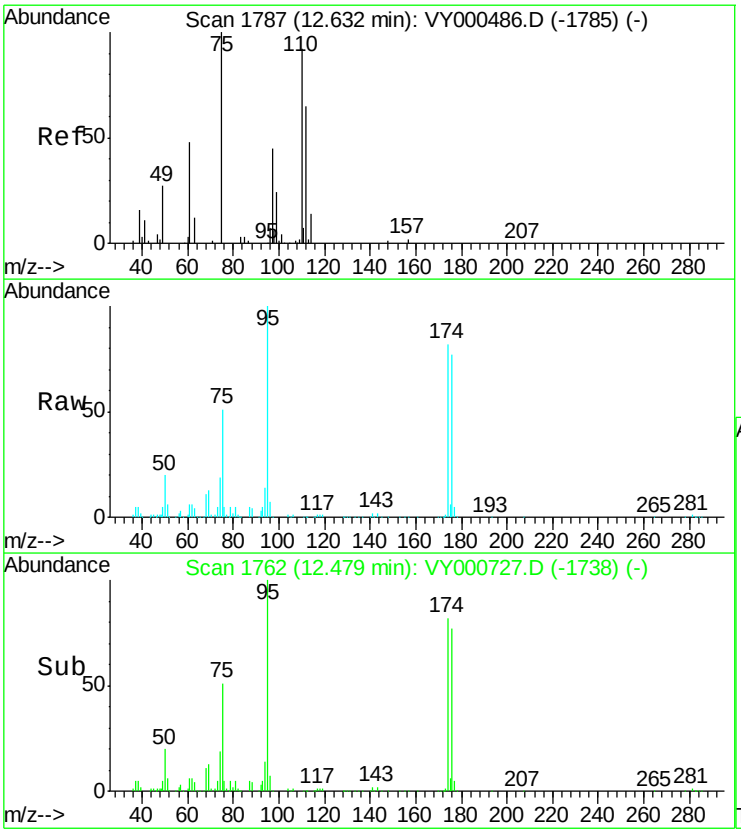
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :
EP-13RE

Tgt Ion:152 Resp: 140601

Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.1	87.4
150	157.2	0.0	348.8

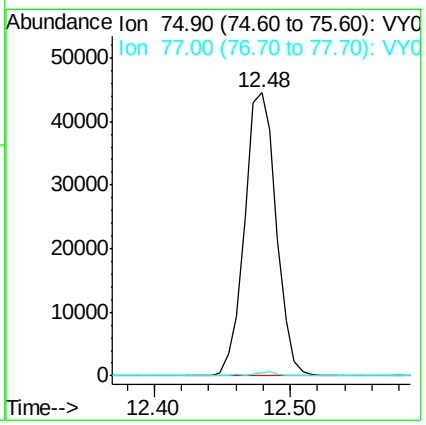


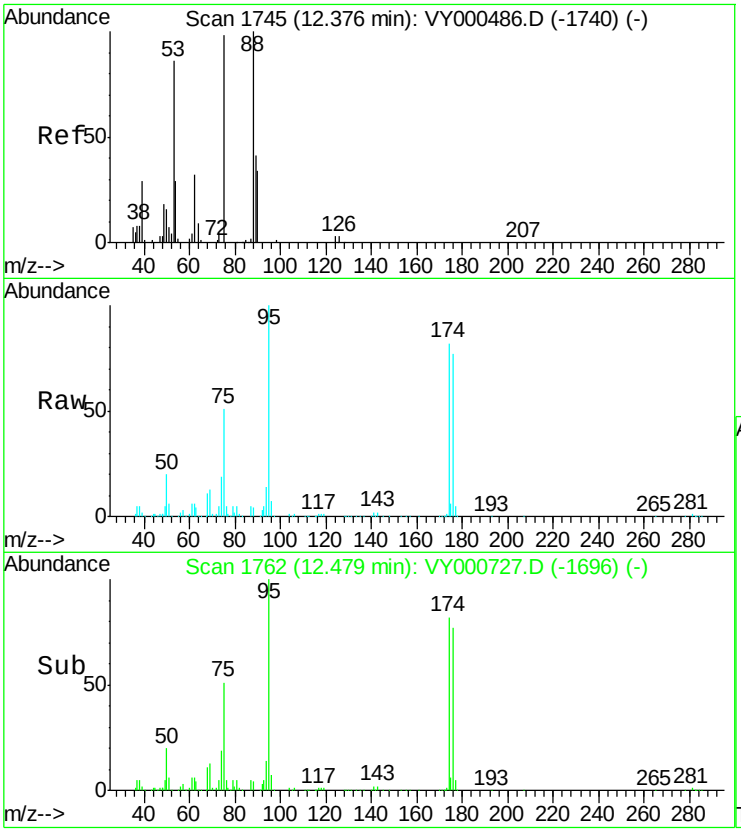


#76
1,2,3-Trichloropropane
Concen: 45.259 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Tgt Ion: 75 Resp: 72456

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.476 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000727.D
Acq: 18 Nov 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :
EP-13RE

Tgt Ion: 75 Resp: 72456

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