Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
Data File : VY000730.D
Acq On : 18 Nov 2019 16:26
Operator : SY/MD
Sample : K5861-23
Misc : 6.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EP-20RE

Quant Time: Nov 18 16:43:58 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	166069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	308542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	288832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	138315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	107311	62.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 124.88%			
35) Dibromofluoromethane	7.72	113	93589	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.34%			
50) Toluene-d8	10.18	98	369112	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.40%			
62) 4-Bromofluorobenzene	12.48	95	131509	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.52%			
Target Compounds						Qvalue
10) Methyl Iodide	4.10	142	108	3.244	ug/l #	74
11) Tert butyl alcohol	4.96	59	878	5.248	ug/l #	72
16) Acetone	3.94	43	1822	3.847	ug/l #	74
18) Methyl Acetate	4.48	43	2232	1.515	ug/l #	71
20) Methylene Chloride	4.72	84	3304	1.628	ug/l	88
28) Bromochloromethane	7.32	49	24	4.108	ug/l #	14
31) Cyclohexane	7.80	56	3802	1.143	ug/l #	26
36) 1,1-Dichloropropene	7.80	75	13520	4.635	ug/l #	45
38) Carbon Tetrachloride	7.80	117	16648	5.932	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	69990	44.441	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	69990	99.642	ug/l #	13

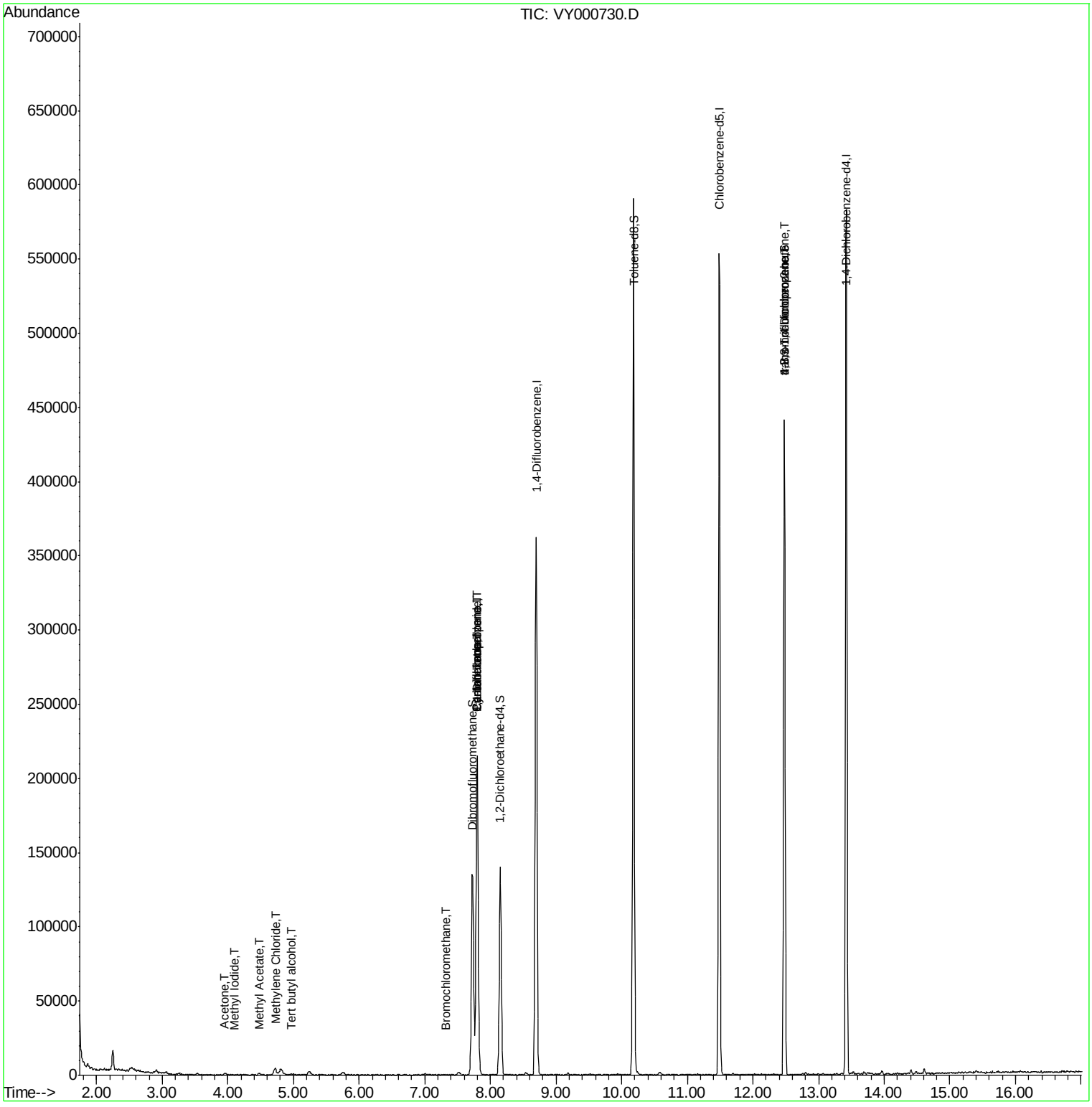
(#) = qualifier out of range (m) = manual integration (+) = signals summed

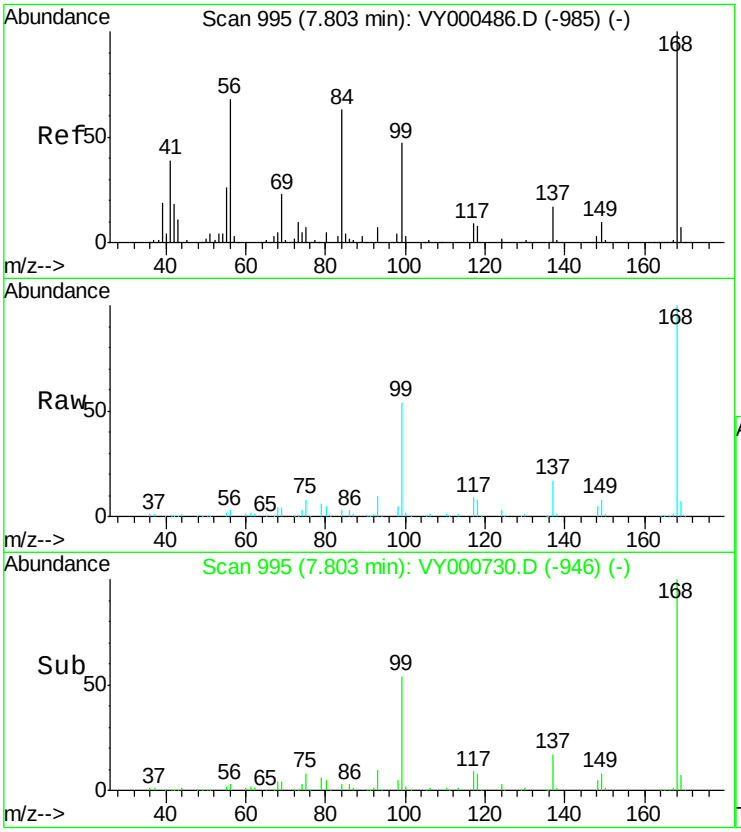
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
Data File : VY000730.D
Acq On : 18 Nov 2019 16:26
Operator : SY/MD
Sample : K5861-23
Misc : 6.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EP-20RE

Quant Time: Nov 18 16:43:58 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



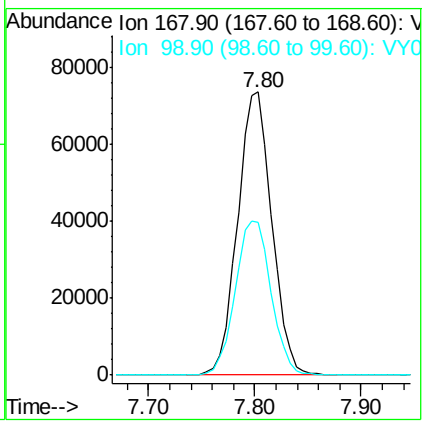


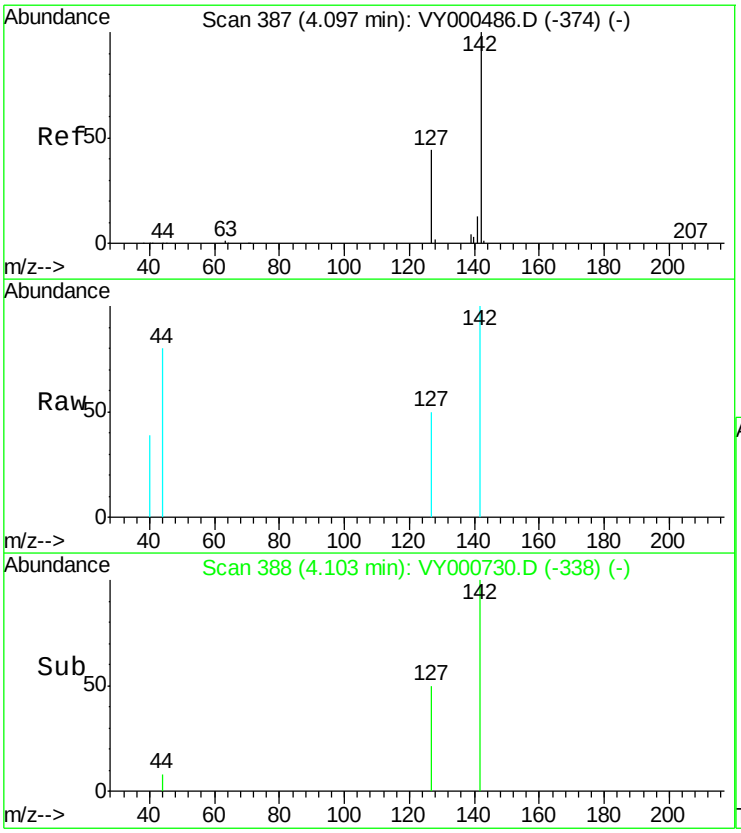
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
EP-20RE

Tgt Ion:168 Resp: 166069

Ion	Ratio	Lower	Upper
168	100		
99	53.9	45.7	68.5

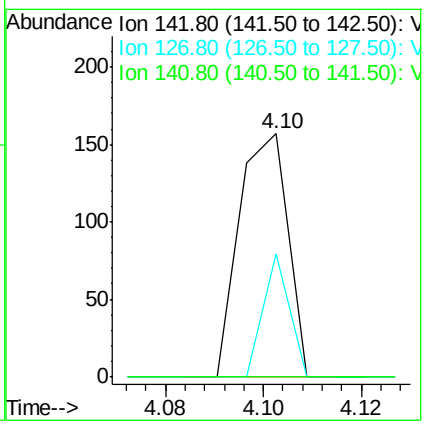


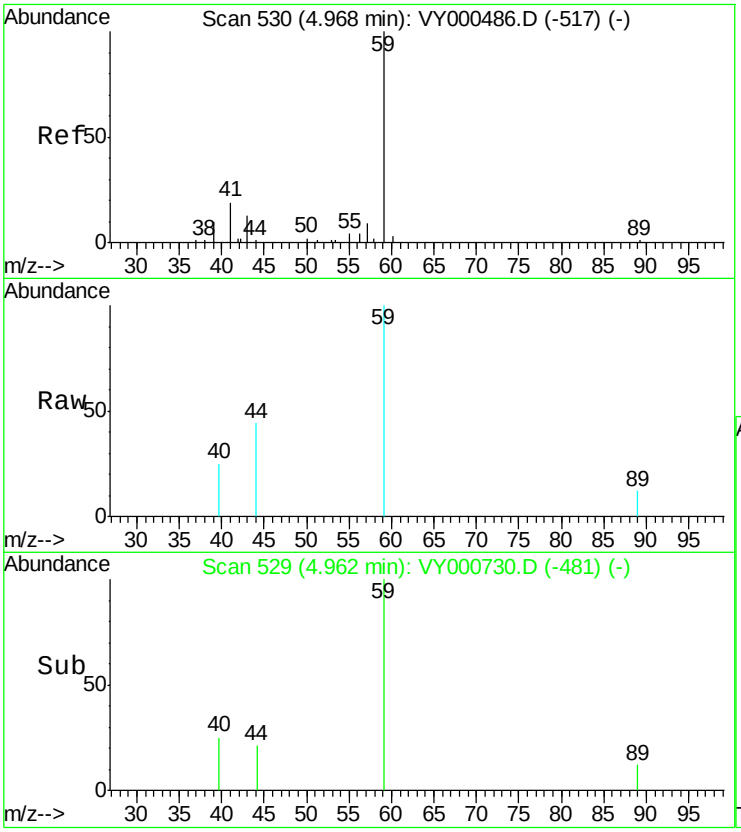


#10
Methyl Iodide
Concen: 3.244 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Tgt Ion:142 Resp: 108

Ion	Ratio	Lower	Upper
142	100		
127	26.9	33.7	50.5#
141	0.0	10.9	16.3#



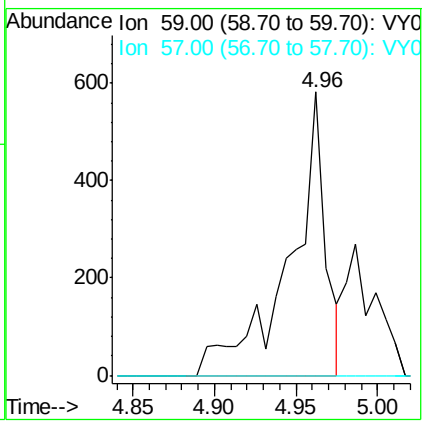


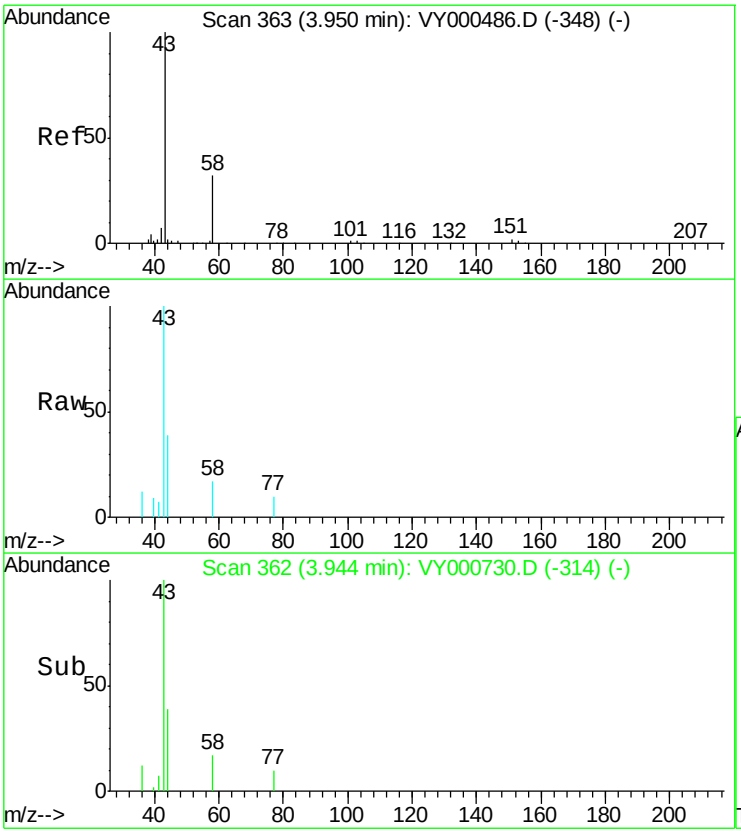
#11
Tert butyl alcohol
Concen: 5.248 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Instrument : MSVOA_Y
ClientSampleId : EP-20RE

Tgt Ion: 59 Resp: 878

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

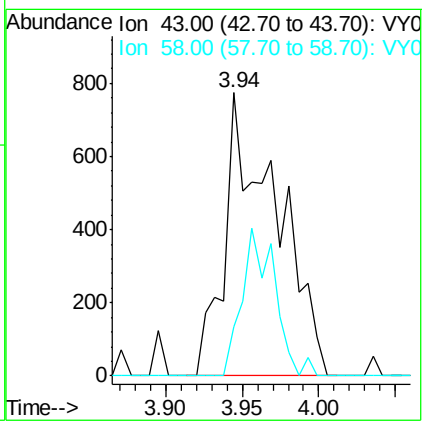


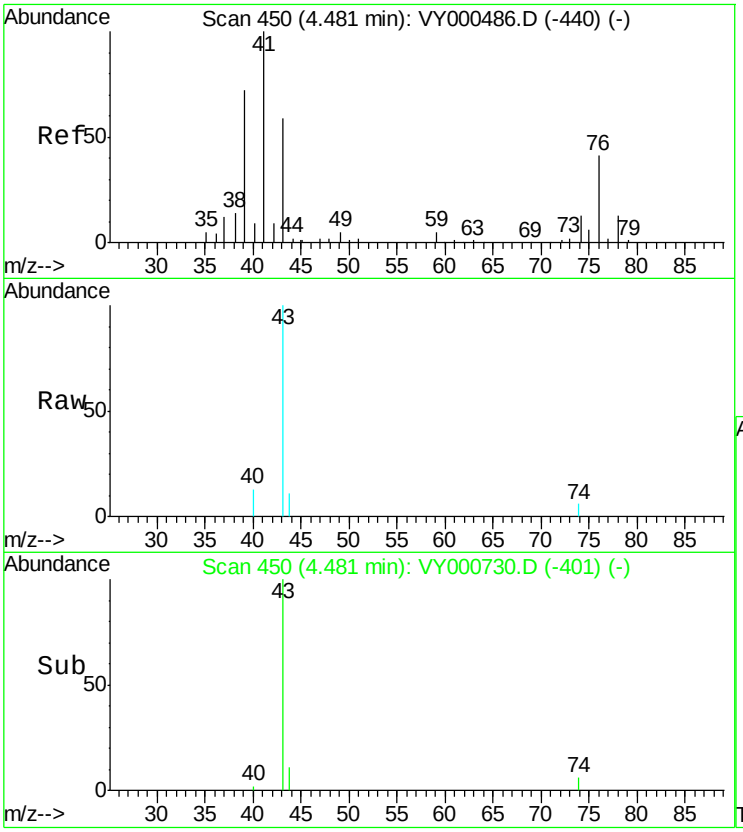


#16
Acetone
Concen: 3.847 ug/l
RT: 3.94 min Scan# 362
Delta R.T. -0.01 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Tgt Ion: 43 Resp: 1822

Ion	Ratio	Lower	Upper
43	100		
58	17.4	25.8	38.6#



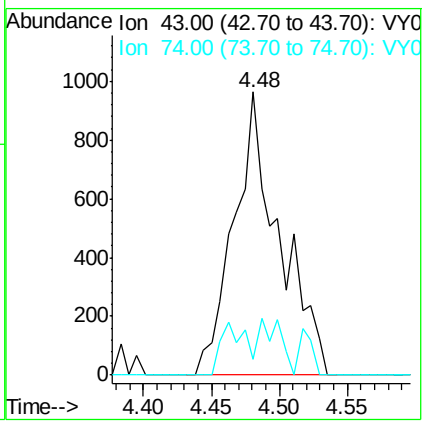


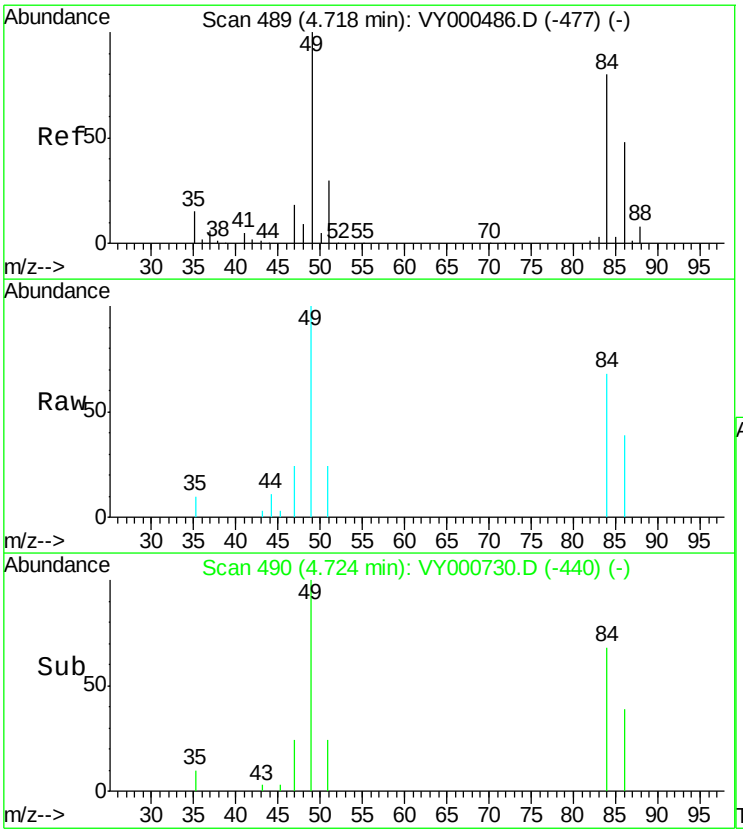
#18
Methyl Acetate
Concen: 1.515 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
EP-20RE

Tgt Ion: 43 Resp: 2232

Ion	Ratio	Lower	Upper
43	100		
74	9.5	19.2	28.8#

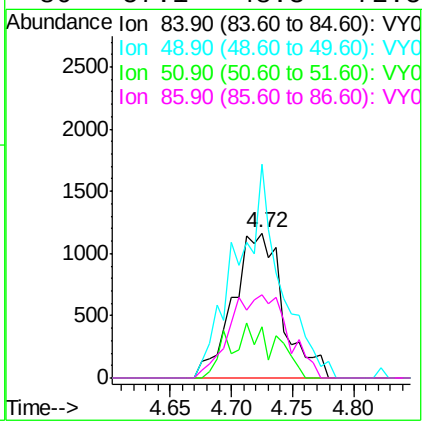


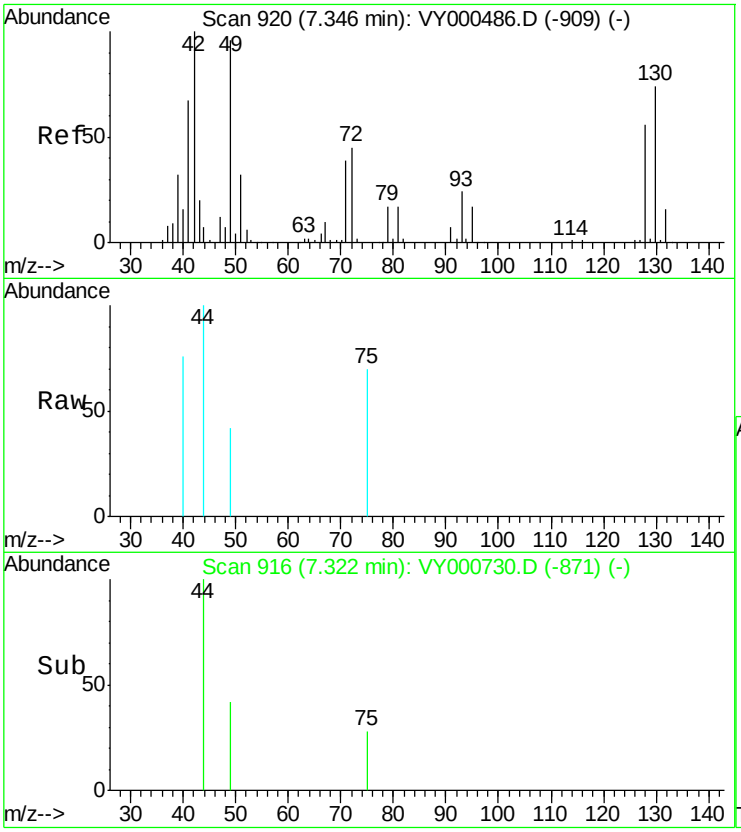


#20
Methylene Chloride
Concen: 1.628 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Tgt Ion: 84 Resp: 3304

Ion	Ratio	Lower	Upper
84	100		
49	147.4	100.2	150.4
51	35.7	29.6	44.4
86	57.1	48.3	72.5



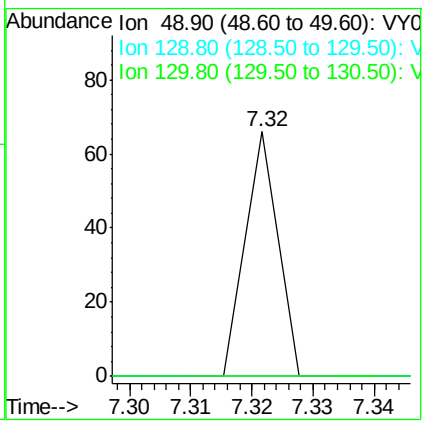


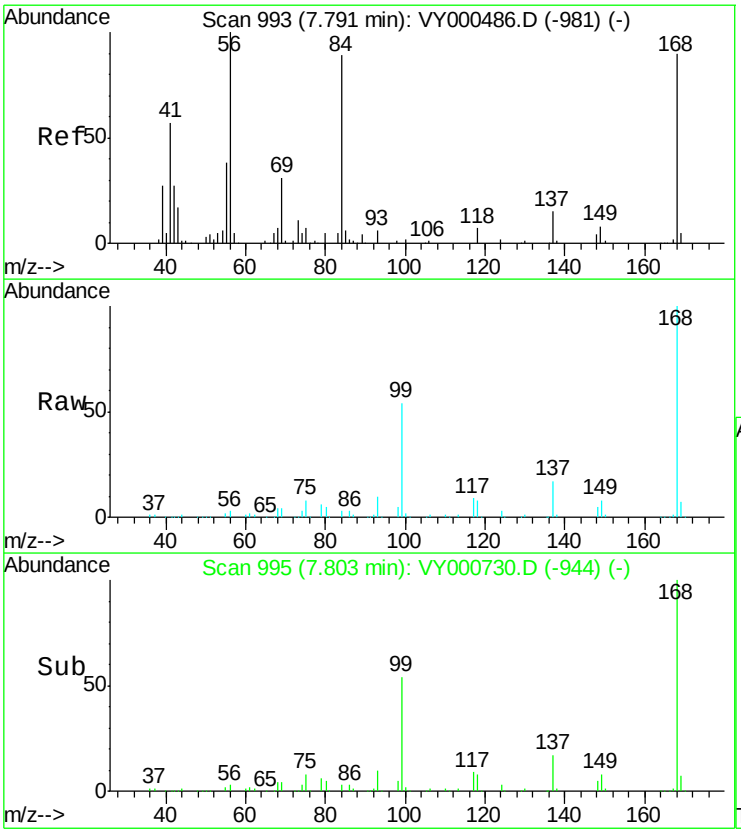
#28
Bromochloromethane
Concen: 4.108 ug/l
RT: 7.32 min Scan# 916
Delta R.T. -0.02 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Instrument : MSVOA_Y
ClientSampleId : EP-20RE

Tgt Ion: 49 Resp: 24

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

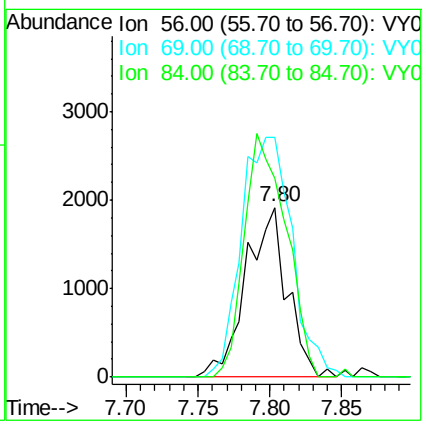


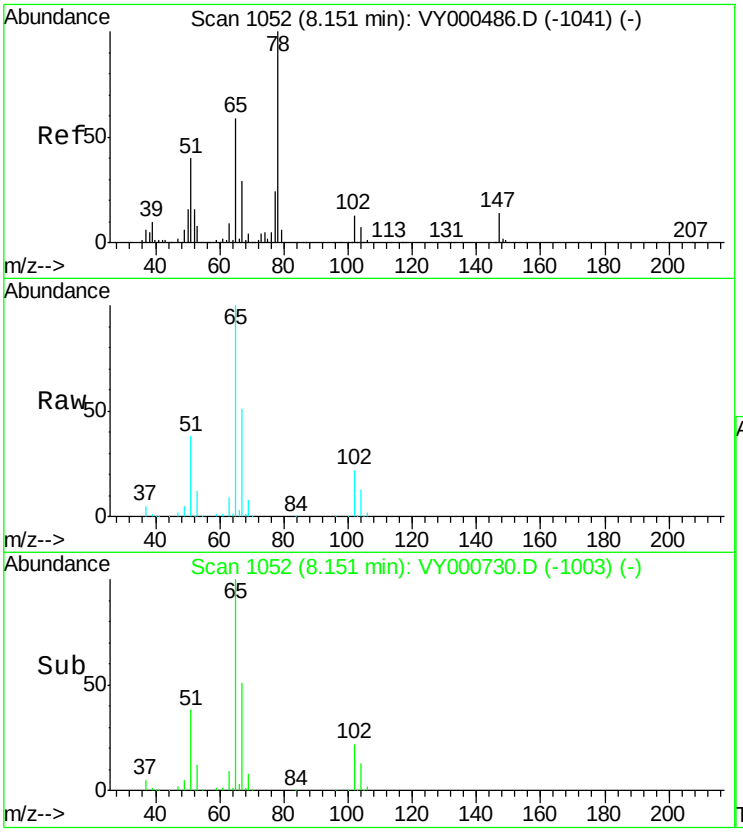


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Tgt Ion: 56 Resp: 3802

Ion	Ratio	Lower	Upper
56	100		
69	141.7	25.0	37.6#
84	117.5	71.4	107.2#



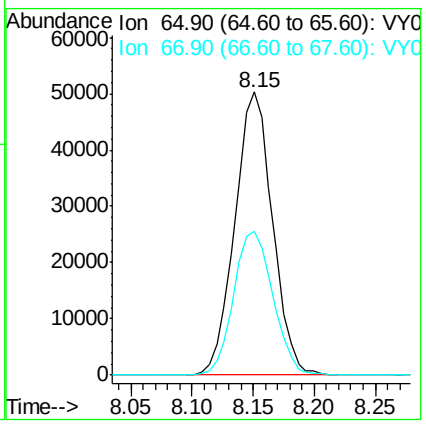


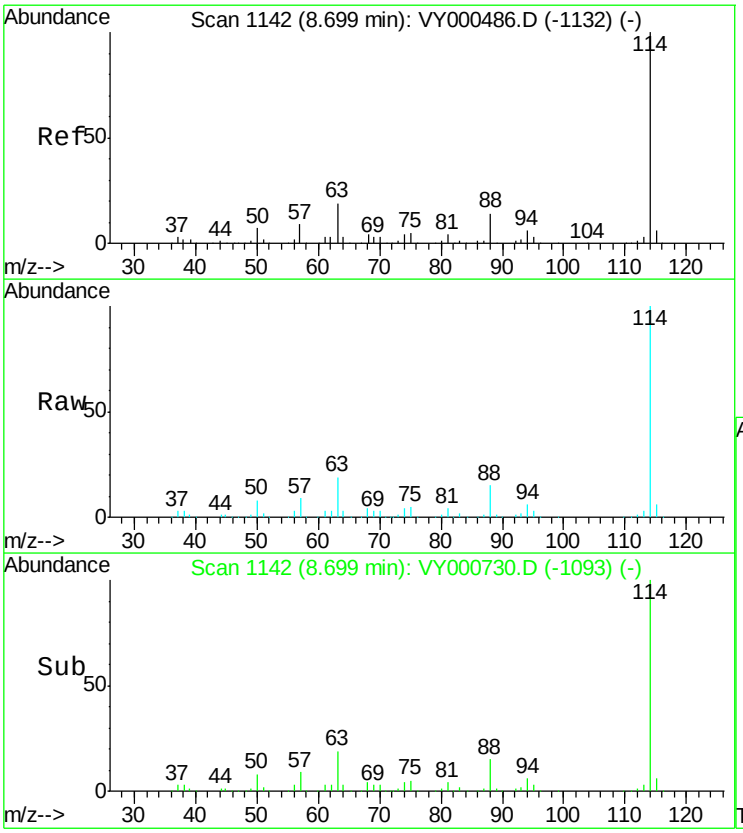
#33
1,2-Dichloroethane-d4
Concen: 62.441 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
EP-20RE

Tgt Ion: 65 Resp: 107311

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.2

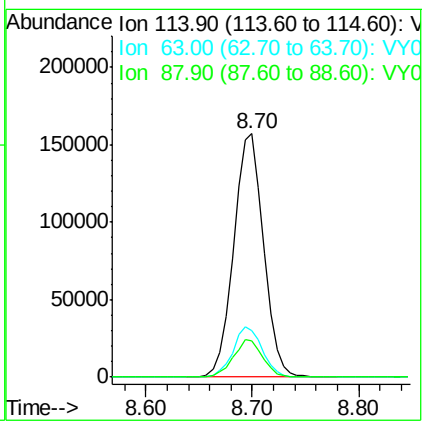


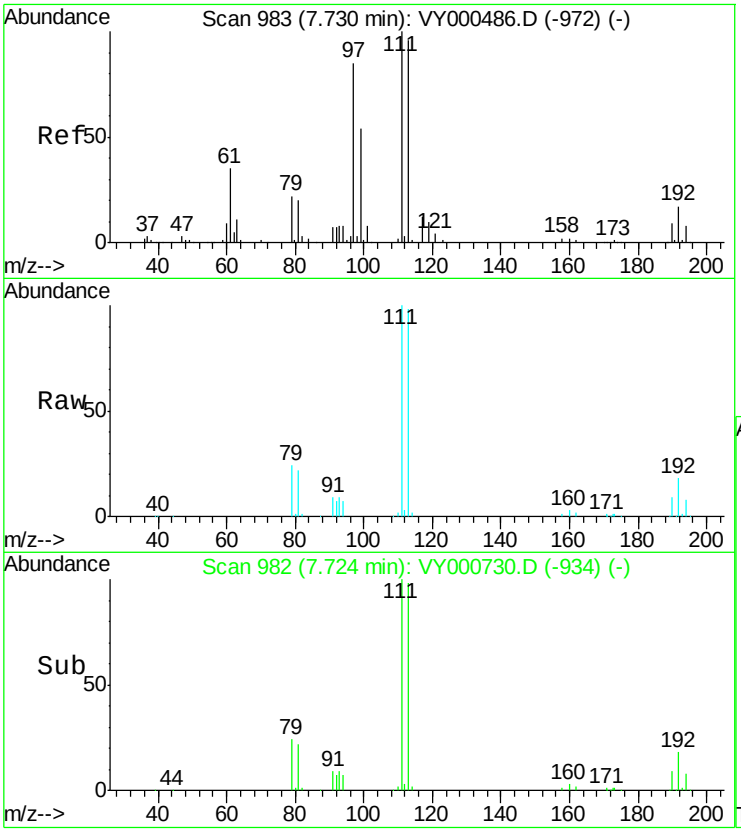


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Tgt Ion:114 Resp: 308542

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.0
88	15.1	0.0	28.6



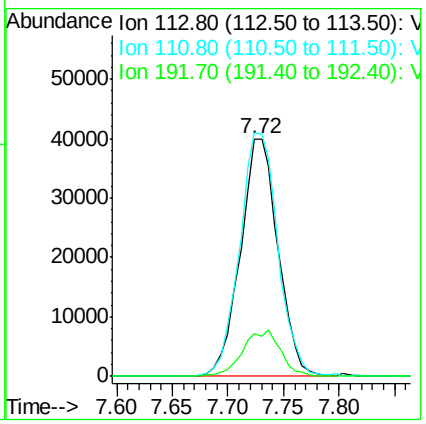


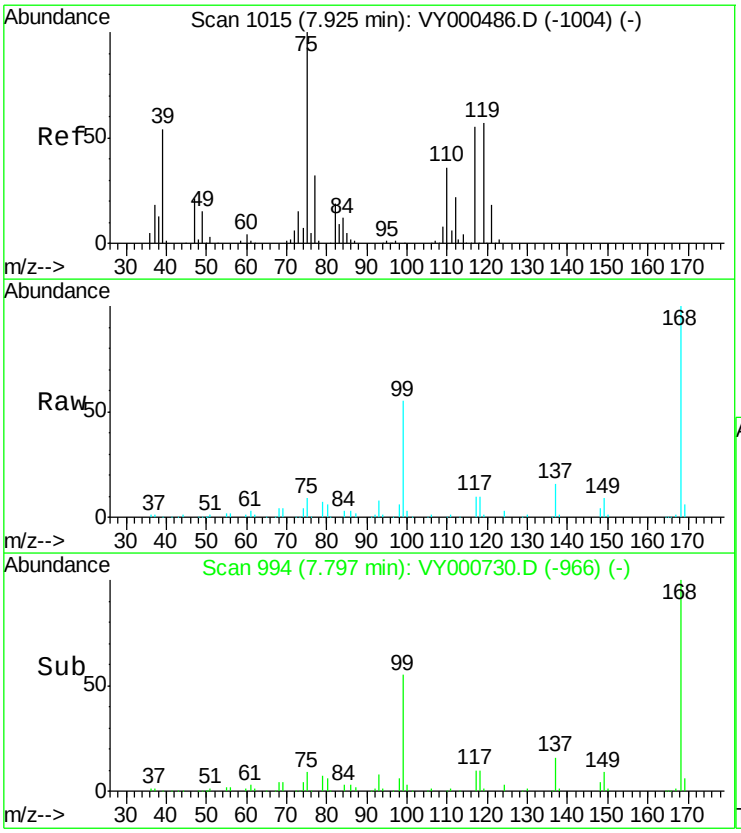
#35
Dibromofluoromethane
Concen: 51.668 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
EP-20RE

Tgt Ion:113 Resp: 93589

Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.7	122.5
192	19.6	15.0	22.4

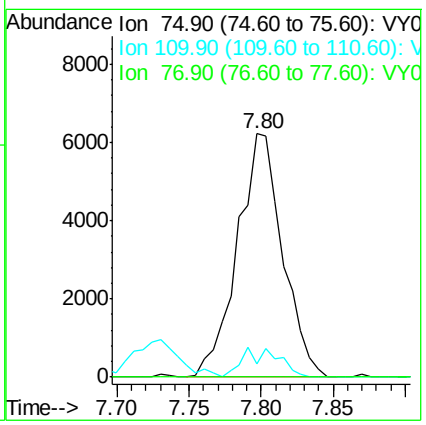


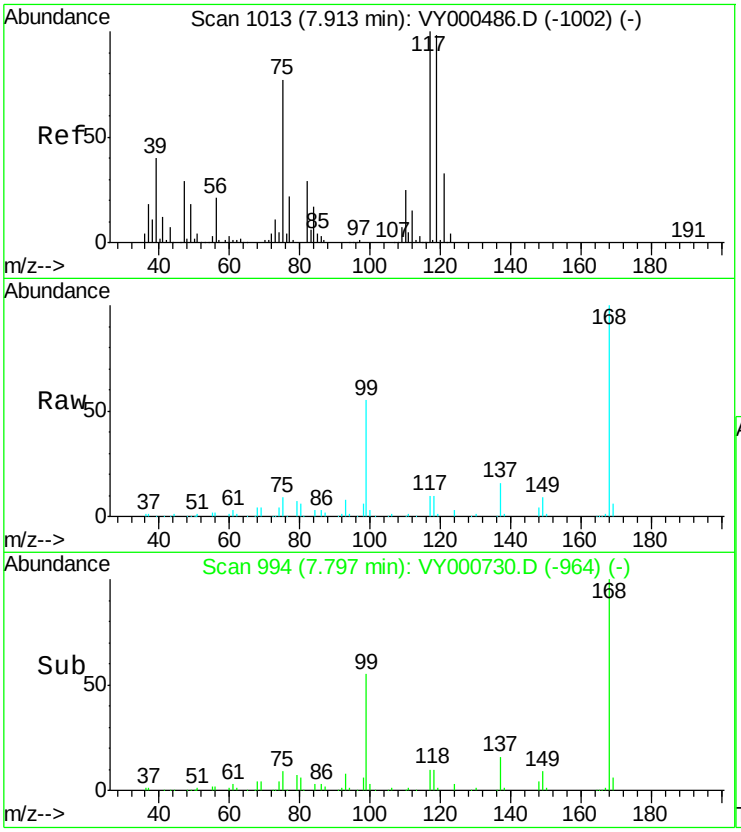


#36
1,1-Dichloropropene
Concen: 4.635 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Tgt Ion: 75 Resp: 13520

Ion	Ratio	Lower	Upper
75	100		
110	4.3	18.1	54.1#
77	0.0	25.0	37.6#



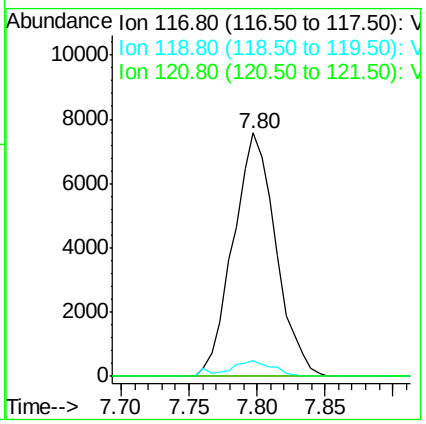


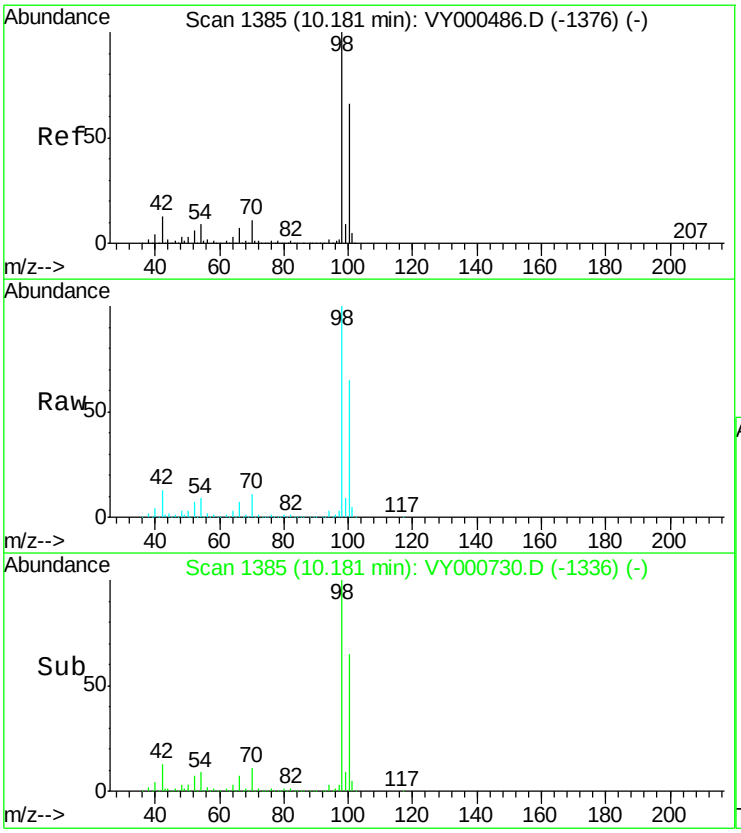
#38
Carbon Tetrachloride
Concen: 5.932 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
EP-20RE

Tgt Ion:117 Resp: 16648

Ion	Ratio	Lower	Upper
117	100		
119	6.5	78.0	117.0#
121	0.0	26.6	40.0#

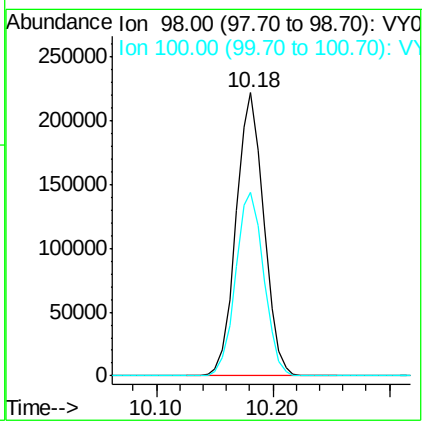


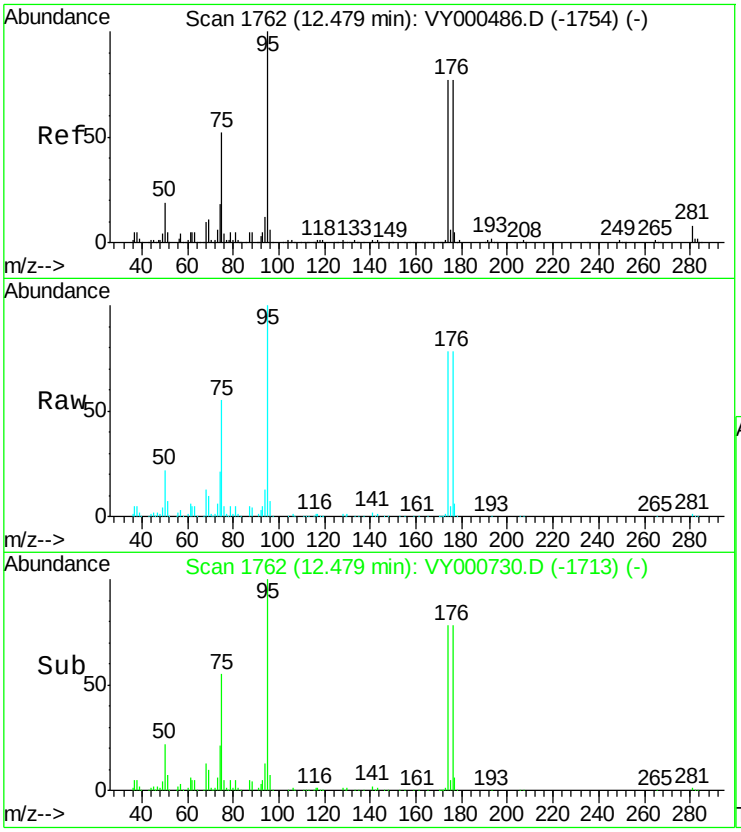


#50
Toluene-d8
Concen: 53.704 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Tgt Ion: 98 Resp: 369112

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3



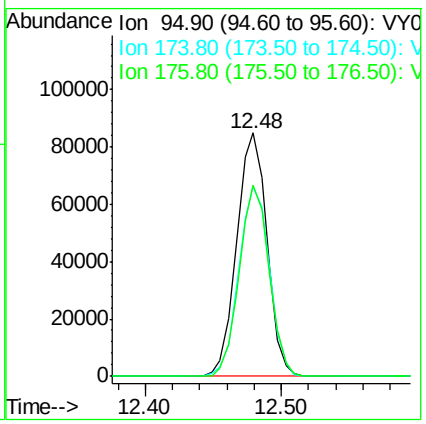


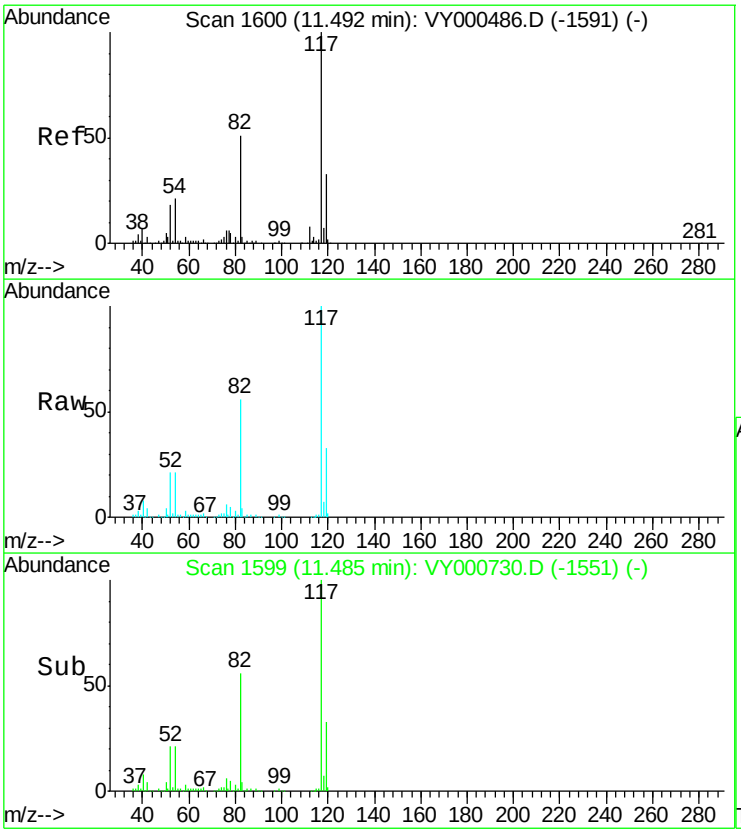
#62
4-Bromofluorobenzene
Concen: 50.261 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
EP-20RE

Tgt Ion: 95 Resp: 131509

Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	161.6
176	77.8	0.0	157.8

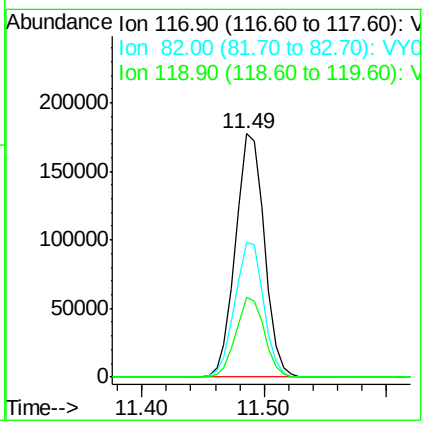


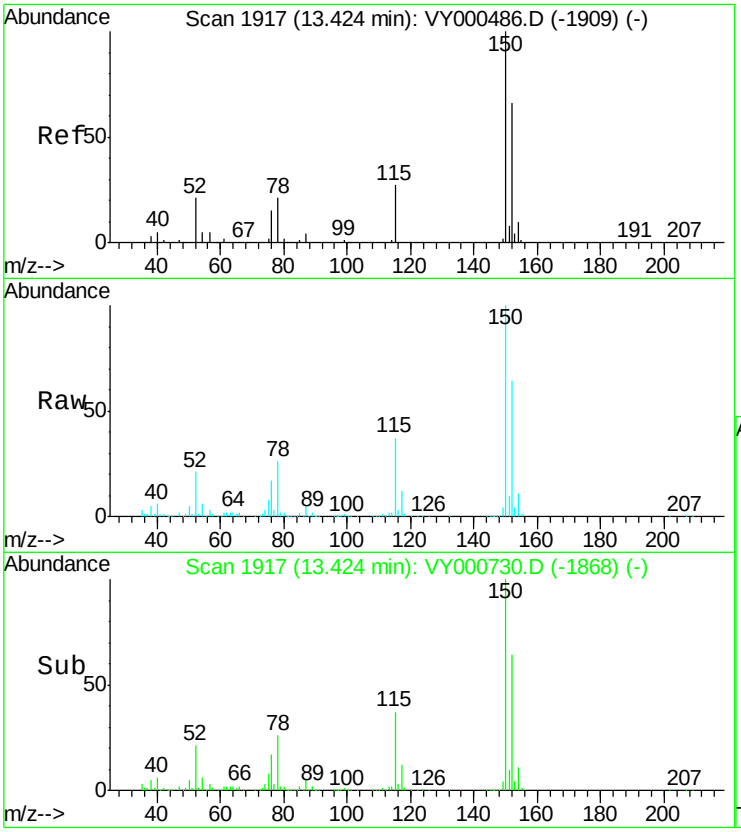


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Tgt Ion:117 Resp: 288832

Ion	Ratio	Lower	Upper
117	100		
82	55.6	40.8	61.2
119	32.6	26.2	39.2



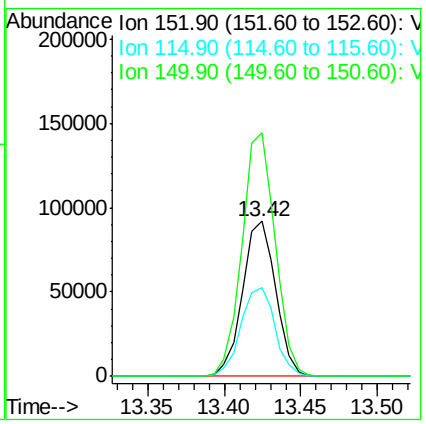


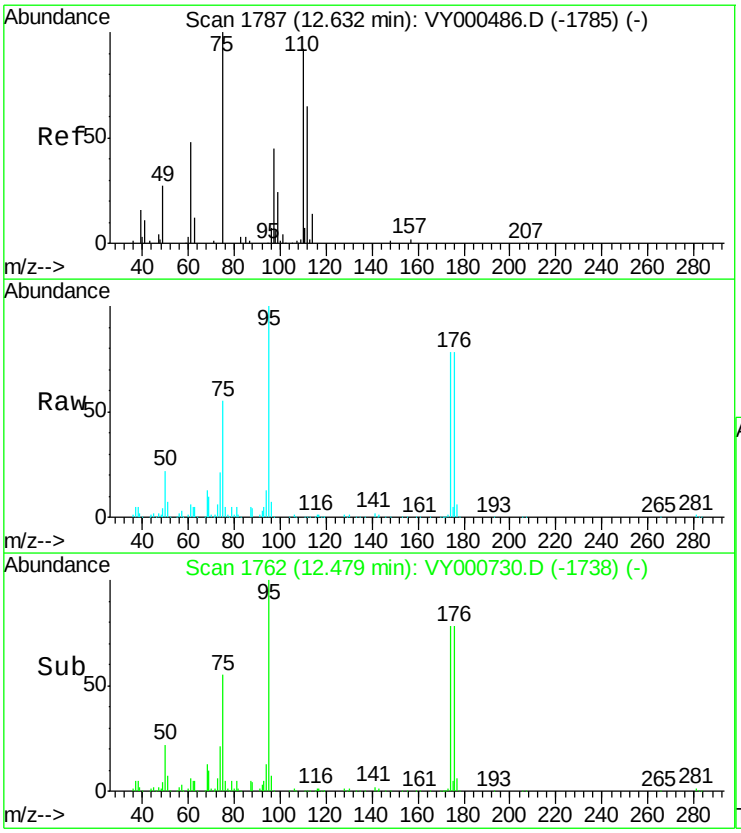
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
EP-20RE

Tgt Ion:152 Resp: 138315

Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.1	87.4
150	157.5	0.0	348.8

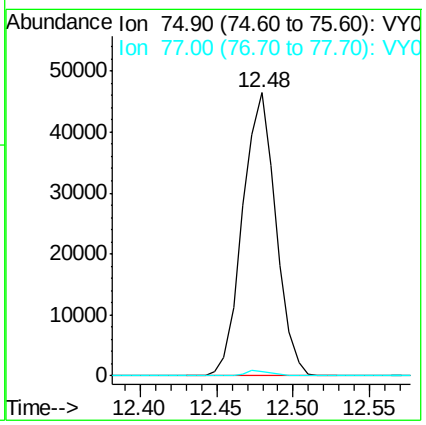


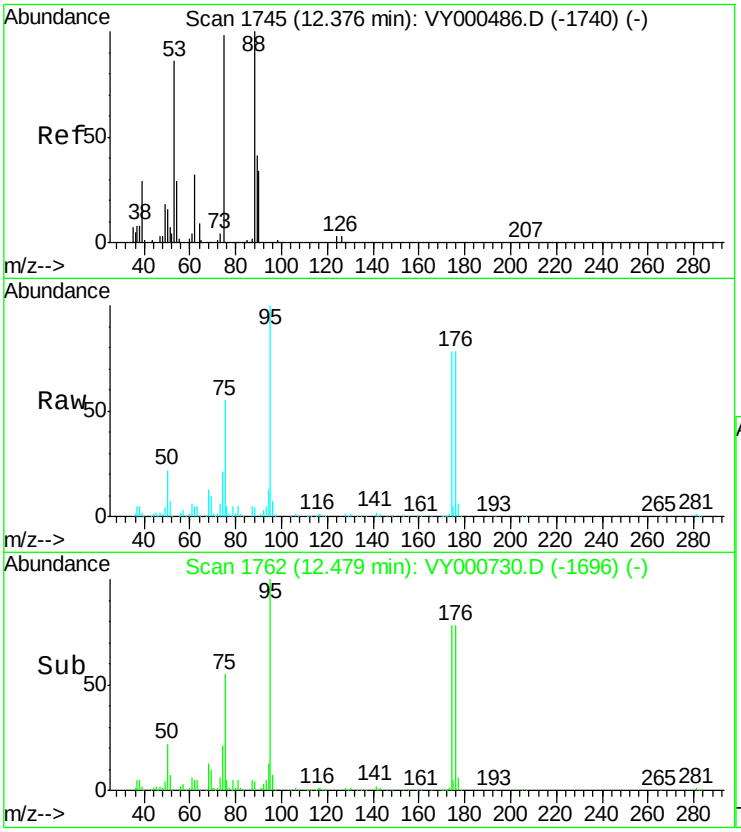


#76
1,2,3-Trichloropropane
Concen: 44.441 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Tgt Ion: 75 Resp: 69990

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.642 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000730.D
Acq: 18 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
EP-20RE

Tgt Ion: 75 Resp: 69990

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