Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031120\
Data File : VU037180.D
Acq On : 11 Mar 2020 20:49
Operator : JC/MD
Sample : L1891-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBER4

Quant Time: Mar 12 02:00:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 12 01:55:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.37	114	101031	5.00	ug/L	0.08
28) Chlorobenzene-d5	9.46	117	110426	5.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	11.84	152	47840	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.70	65	28776	4.34	ug/L	0.09
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.80%			
7) Chloroethane-d5	2.02	69	20816	4.44	ug/L	0.09
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%			
11) 1,1-Dichloroethene-d2	2.69	63	46187	3.38	ug/L	0.10
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.60%			
20) 2-Butanone-d5	4.85	46	64255	37.86	ug/L	0.16
Spiked Amount 50.000	Range 40 - 130		Recovery = 75.72%			
24) Chloroform-d	5.22	84	69257	5.10	ug/L	0.11
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.85	65	38999	4.95	ug/L	0.11
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.86	84	123293	4.54	ug/L	0.10
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.80	67	40269	4.59	ug/L	0.07
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.96	98	104887	4.12	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
43) trans-1,3-Dichloropropene-	8.24	79	13729	3.88	ug/L	0.04
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.60%			
46) 2-Hexanone-d5	8.69	63	45752	31.01	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 62.02%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	33873	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
64) 1,2-Dichlorobenzene-d4	12.21	152	42681	5.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.40%			
Target Compounds						Qvalue
8) Chloroethane	1.94	64	770	0.151	ug/L #	55
12) 1,1-Dichloroethene	2.69	96	512	0.078	ug/L #	1
14) Carbon disulfide	2.91	76	2175	0.099	ug/L #	68
18) trans-1,2-Dichloroethene	3.49	96	783	0.112	ug/L	88
22) cis-1,2-Dichloroethene	4.80	96	2841	0.370	ug/L	95
25) Chloroform	5.24	83	4495	0.292	ug/L	92
35) Methylcyclohexane	6.80	83	9201	0.675	ug/L #	16
37) 1,2-Dichloropropane	6.79	63	5058	0.589	ug/L #	88
39) cis-1,3-Dichloropropene	7.64	75	1497	0.121	ug/L #	16
42) Toluene	8.03	91	4033	0.115	ug/L	87
48) 2-Hexanone	8.69	43	7809	1.842	ug/L #	69
52) Ethylbenzene	9.61	91	3611	0.093	ug/L #	79
53) m,p-Xylene	9.73	106	2205	0.158	ug/L	63
59) 1,2,3-Trichloropropane	11.83	75	6901	1.123	ug/L #	86
69) Naphthalene	14.12	128	1347	0.130	ug/L #	71

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031120\
Data File : VU037180.D
Acq On : 11 Mar 2020 20:49
Operator : JC/MD
Sample : L1891-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBER4

Quant Time: Mar 12 02:00:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 12 01:55:55 2020
Response via : Initial Calibration

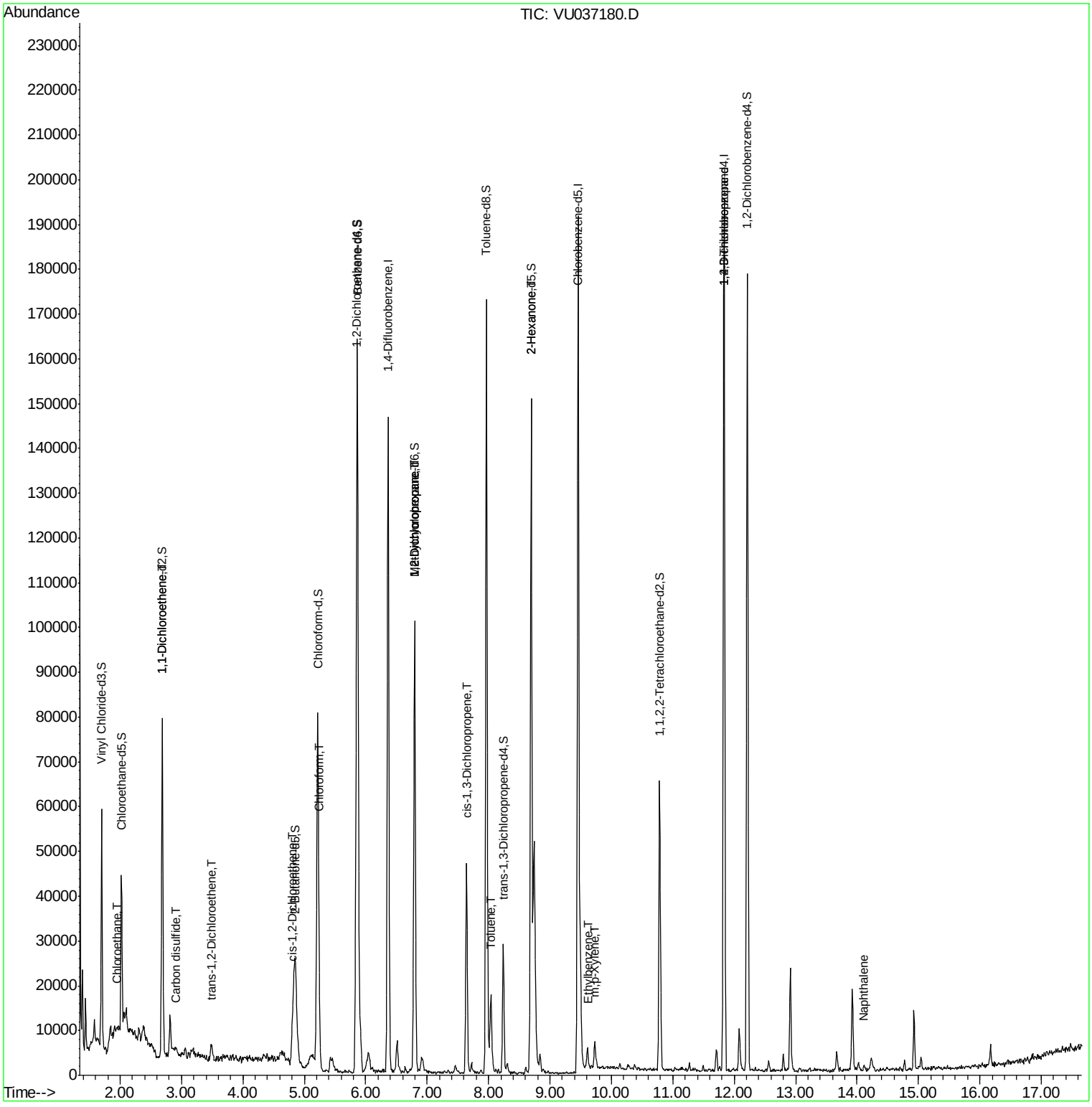
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

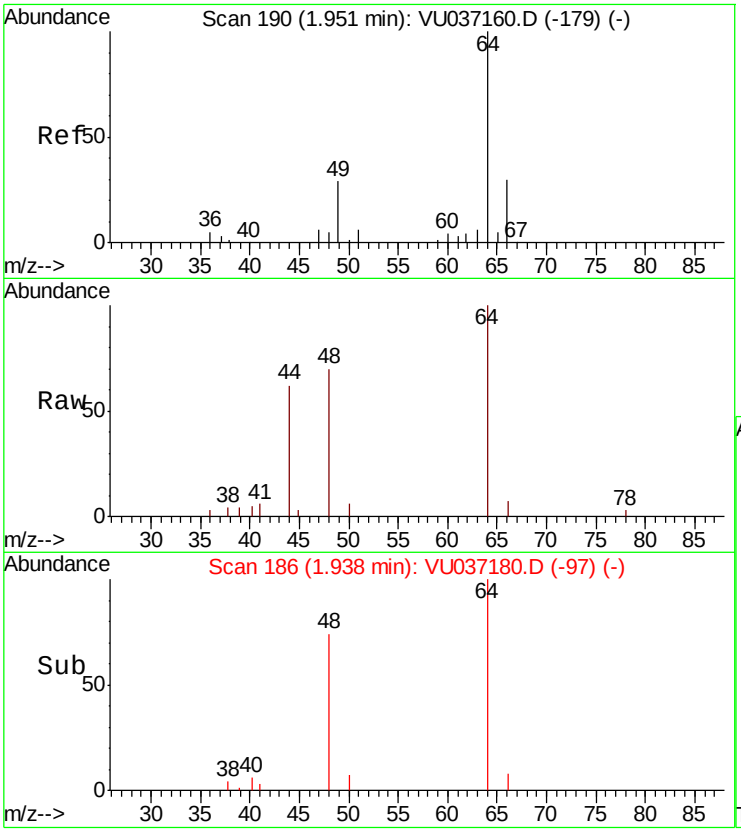
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031120\
Data File : VU037180.D
Acq On : 11 Mar 2020 20:49
Operator : JC/MD
Sample : L1891-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER4

Quant Time: Mar 12 02:00:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 12 01:55:55 2020
Response via : Initial Calibration



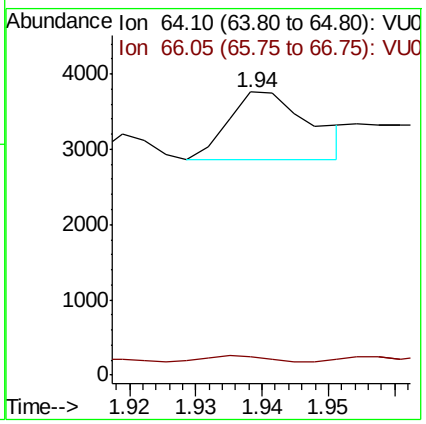


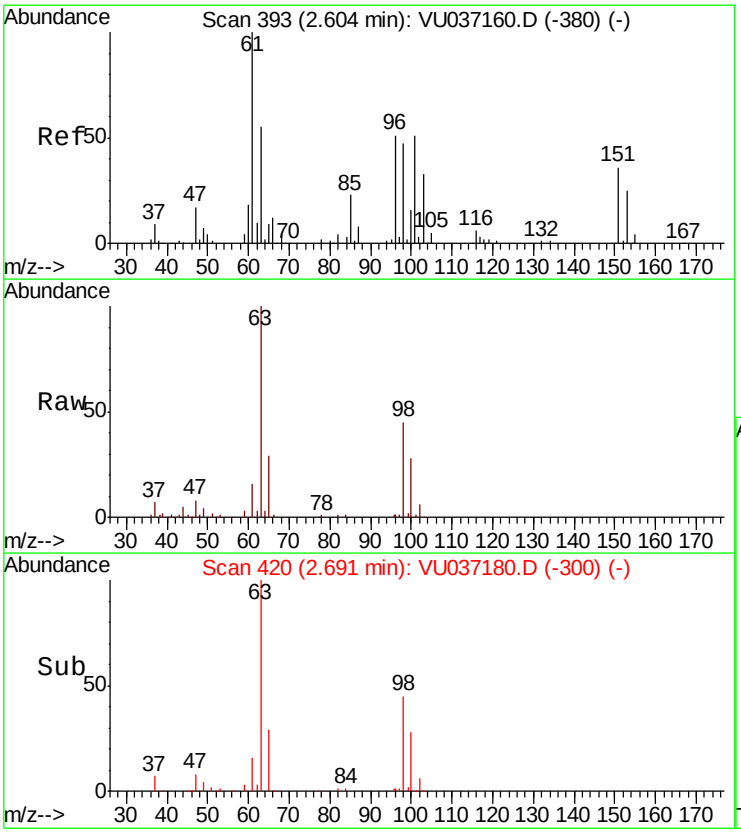
#8
Chloroethane
Concen: 0.151 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.01 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Instrument : MSVOA_U
ClientSampleId : DBER4

Tgt Ion: 64 Resp: 770

Ion	Ratio	Lower	Upper
64	100		
66	6.7	22.0	40.8#

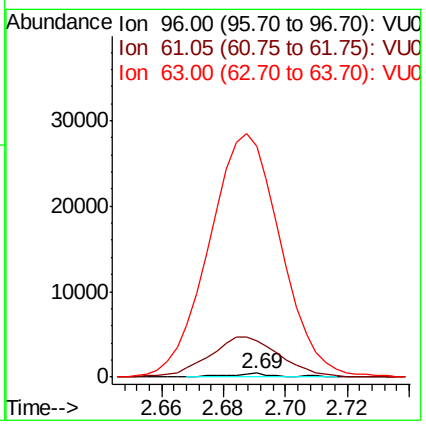


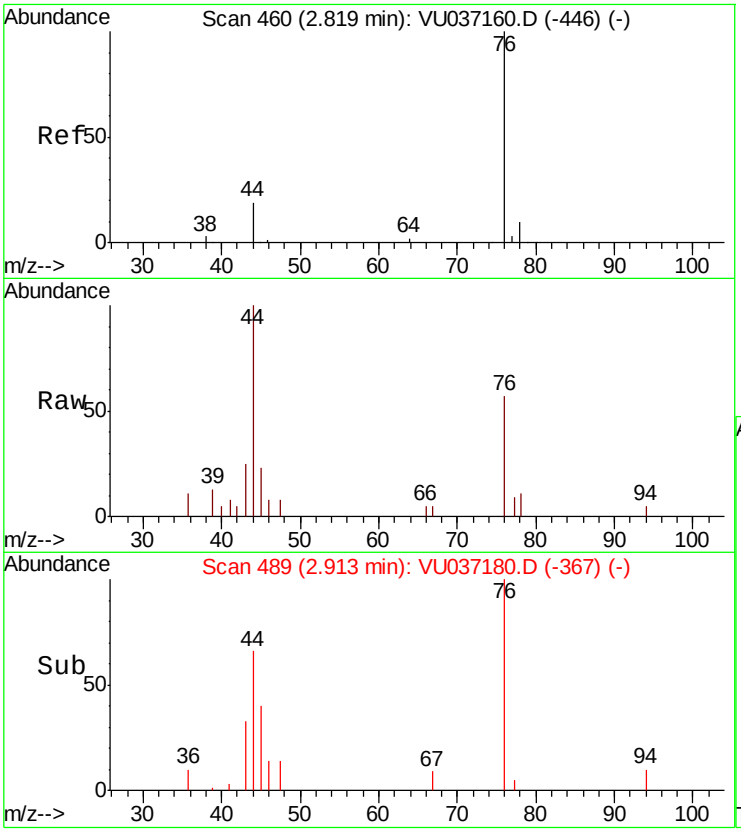


#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.69 min Scan# 420
Delta R.T. 0.09 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Tgt Ion: 96 Resp: 512

Ion	Ratio	Lower	Upper
96	100		
61	956.2	136.4	253.2#
63	6043.8	86.2	160.0#



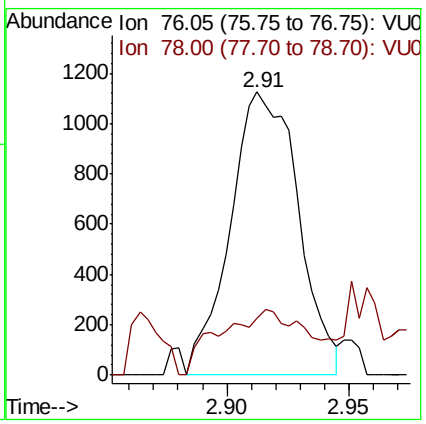


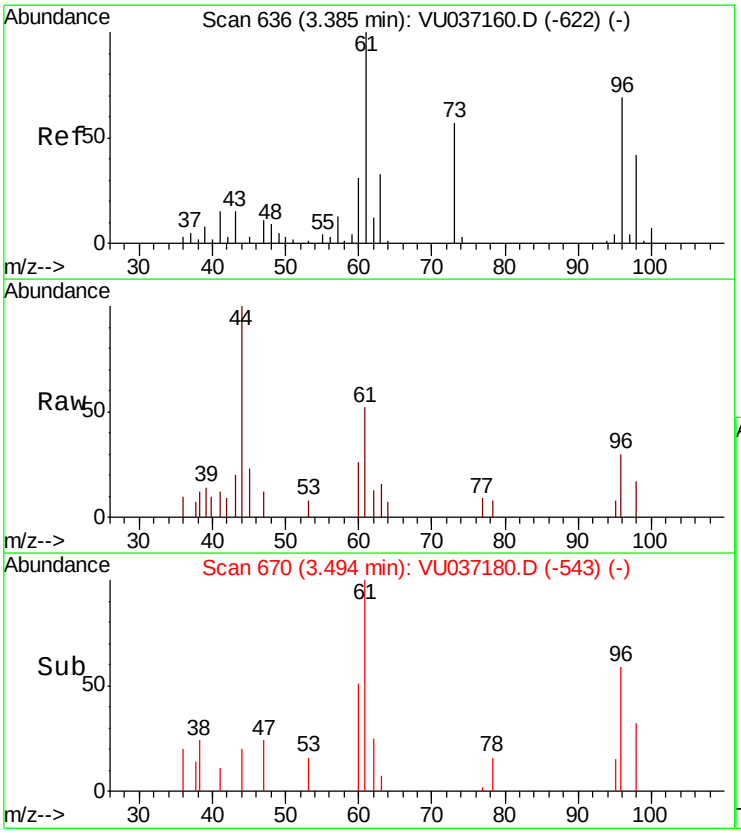
#14
Carbon disulfide
Concen: 0.099 ug/L
RT: 2.91 min Scan# 489
Delta R.T. 0.09 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Instrument : MSVOA_U
ClientSampleId : DBER4

Tgt Ion: 76 Resp: 2175

Ion	Ratio	Lower	Upper
76	100		
78	20.2	6.9	10.3#

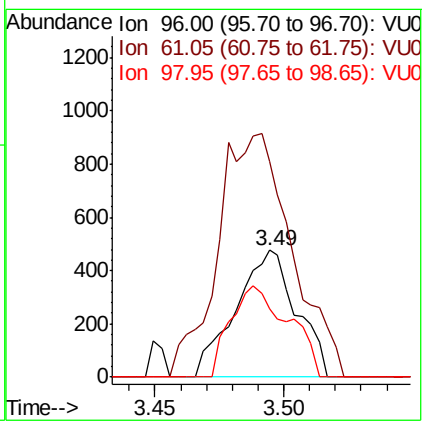


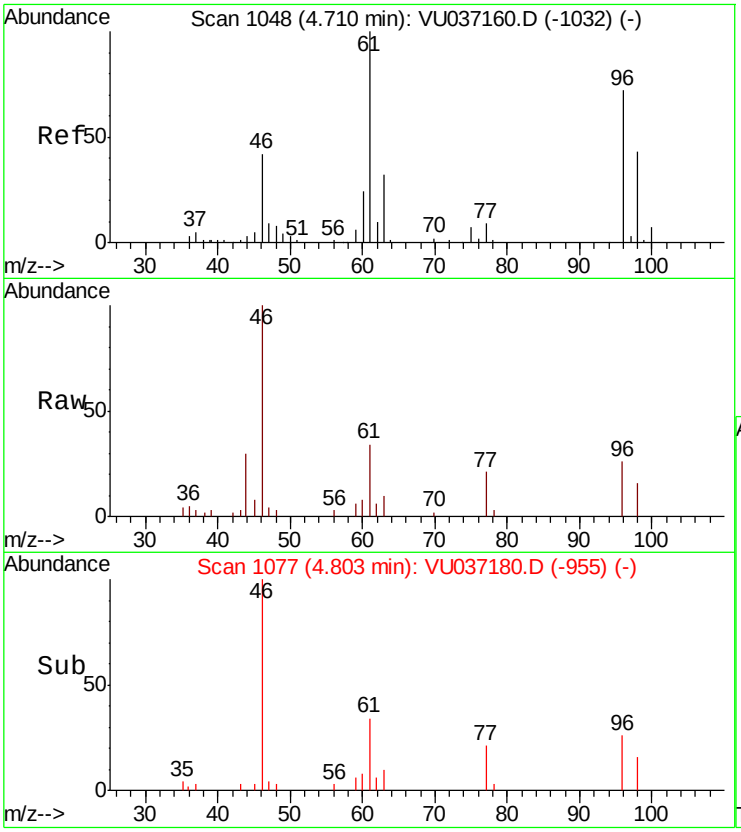


#18
trans-1,2-Dichloroethene
Concen: 0.112 ug/L
RT: 3.49 min Scan# 670
Delta R.T. 0.11 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Tgt Ion: 96 Resp: 783

Ion	Ratio	Lower	Upper
96	100		
61	170.4	107.2	199.2
98	54.4	43.6	81.0



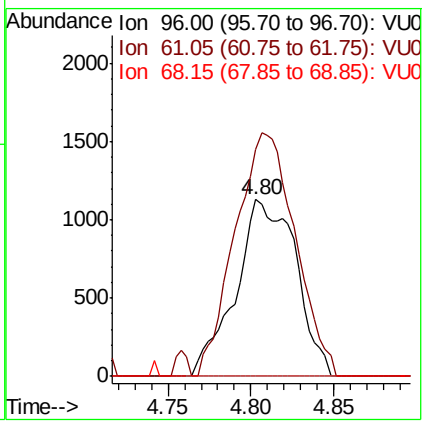


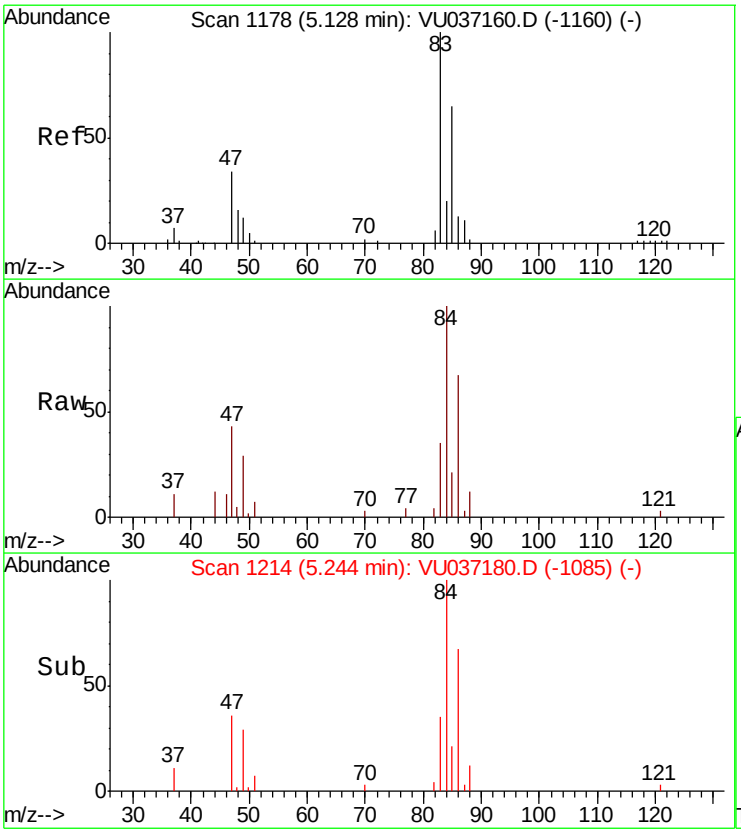
#22
cis-1,2-Dichloroethene
Concen: 0.370 ug/L
RT: 4.80 min Scan# 1077
Delta R.T. 0.09 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Instrument : MSVOA_U
ClientSampleId : DBER4

Tgt Ion: 96 Resp: 2841

Ion	Ratio	Lower	Upper
96	100		
61	128.9	94.1	174.8
68	0.0	0.0	0.0

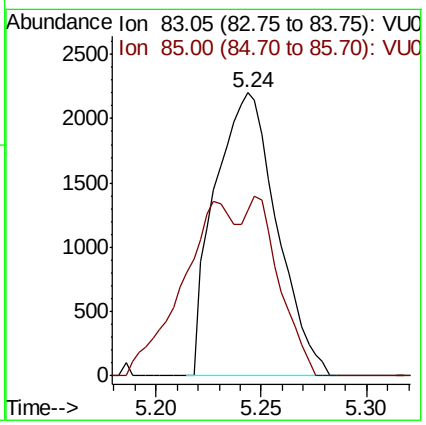


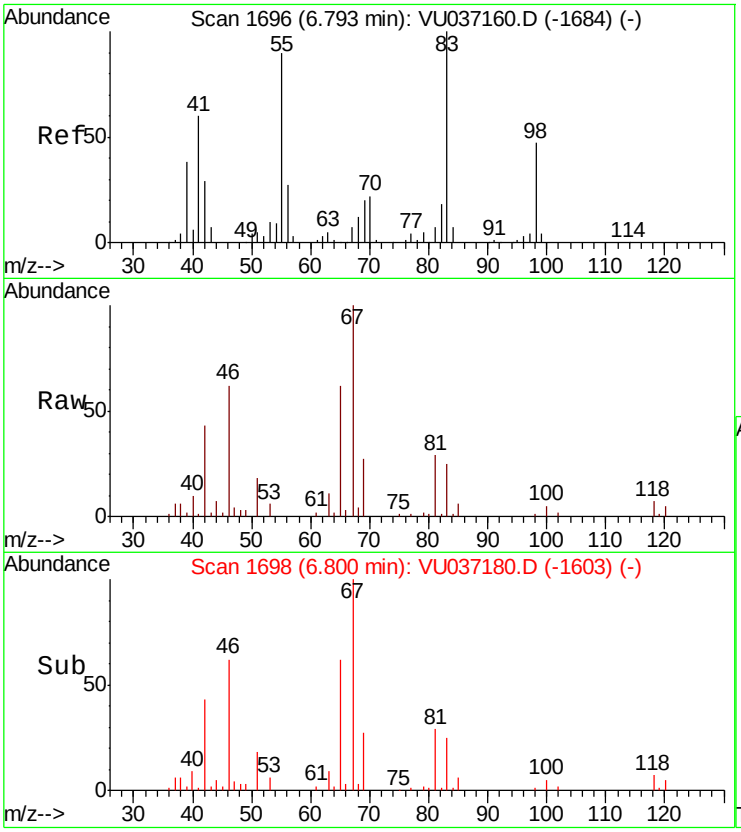


#25
Chloroform
Concen: 0.292 ug/L
RT: 5.24 min Scan# 1214
Delta R.T. 0.12 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Tgt Ion: 83 Resp: 4495

Ion	Ratio	Lower	Upper
83	100		
85	58.5	45.3	84.1



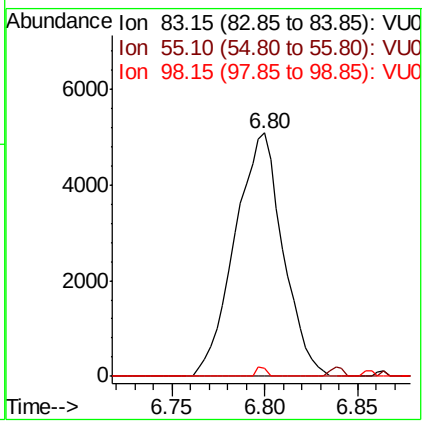


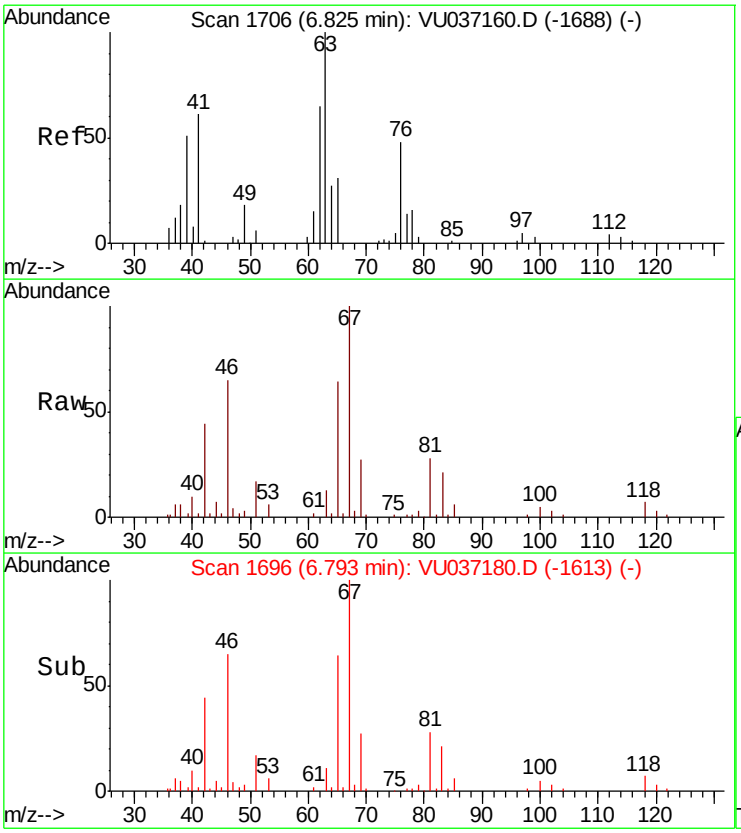
#35
Methylcyclohexane
Concen: 0.675 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Instrument : MSVOA_U
ClientSampleId : DBER4

Tgt Ion: 83 Resp: 9201

Ion	Ratio	Lower	Upper
83	100		
55	1.0	68.1	102.1#
98	0.7	37.0	55.4#

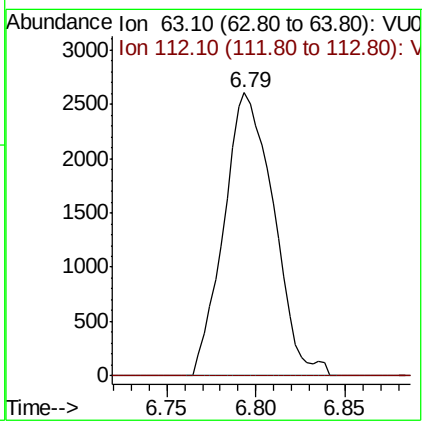


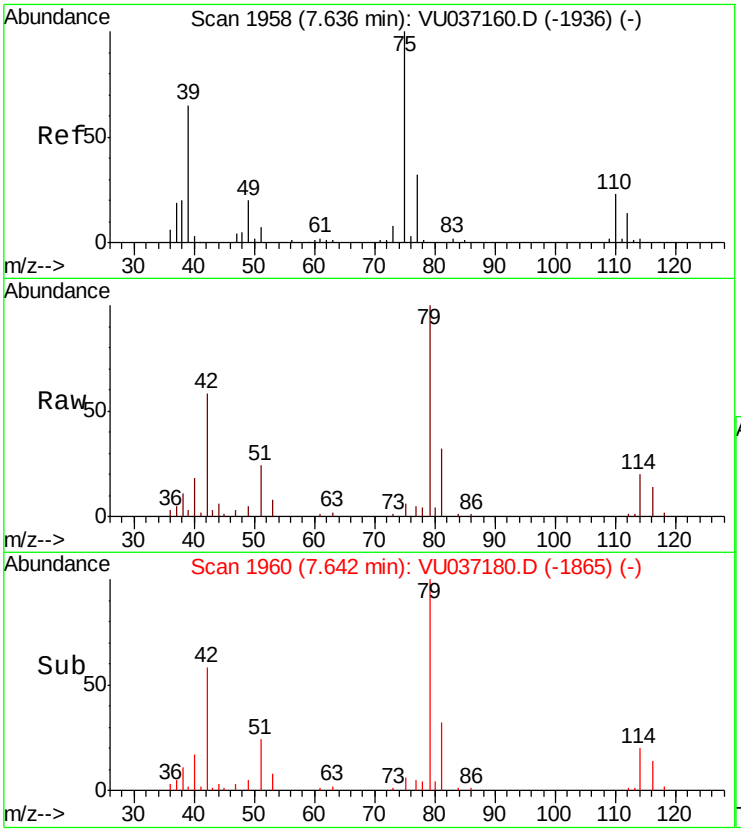


#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.79 min Scan# 1696
Delta R.T. -0.03 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Tgt Ion: 63 Resp: 5058

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



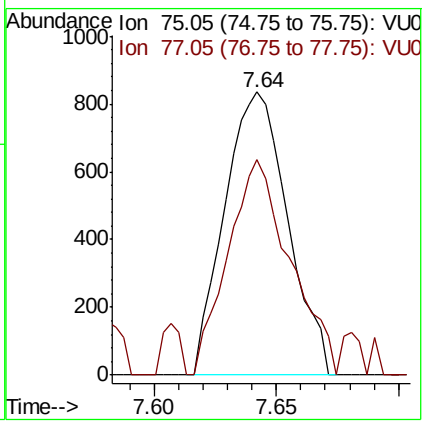


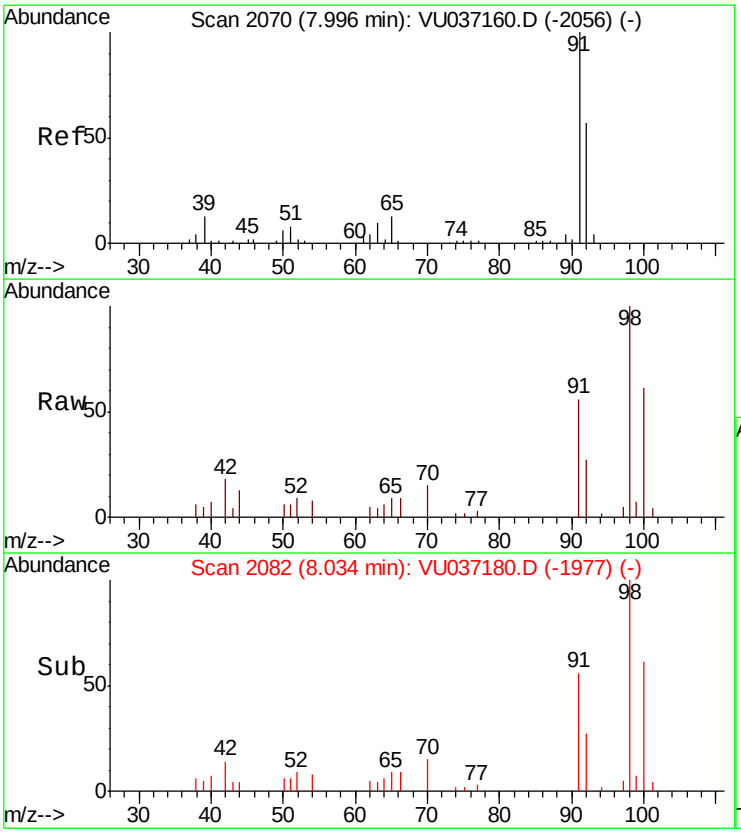
#39
cis-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 7.64 min Scan# 1960
Delta R.T. 0.01 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Instrument :
MSVOA_U
ClientSampleId :
DBER4

Tgt Ion: 75 Resp: 1497

Ion	Ratio	Lower	Upper
75	100		
77	75.9	21.1	39.1#

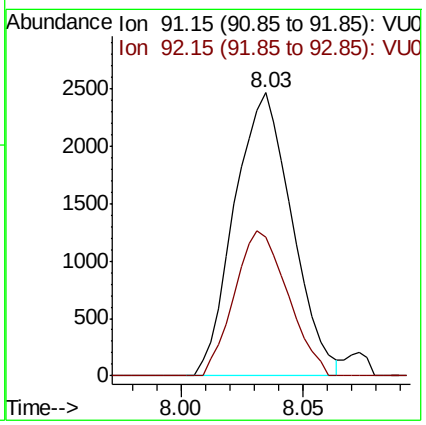


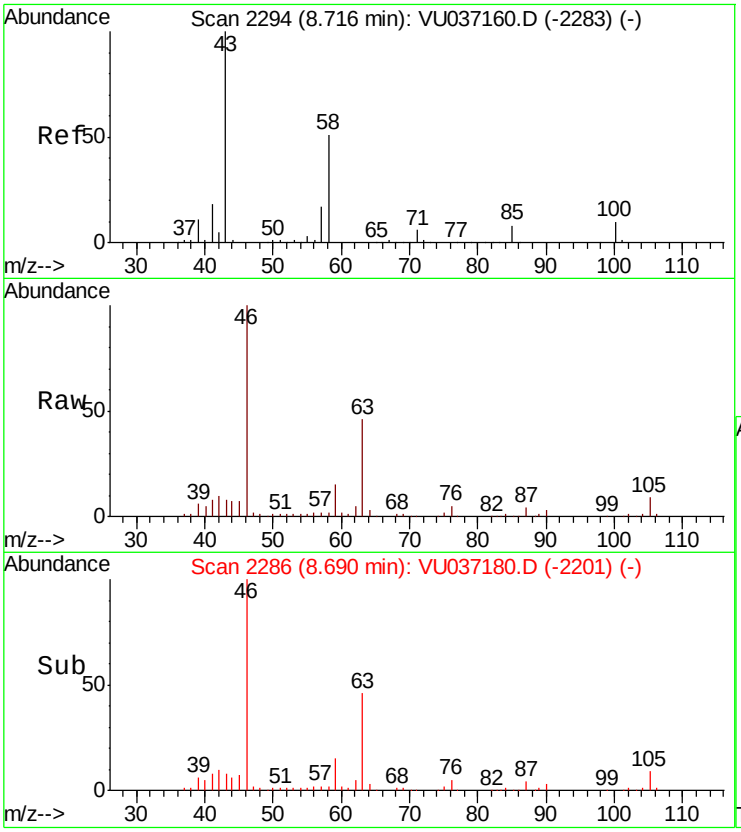


#42
Toluene
Concen: 0.115 ug/L
RT: 8.03 min Scan# 2082
Delta R.T. 0.04 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Tgt Ion: 91 Resp: 4033

Ion	Ratio	Lower	Upper
91	100		
92	49.2	41.0	76.2



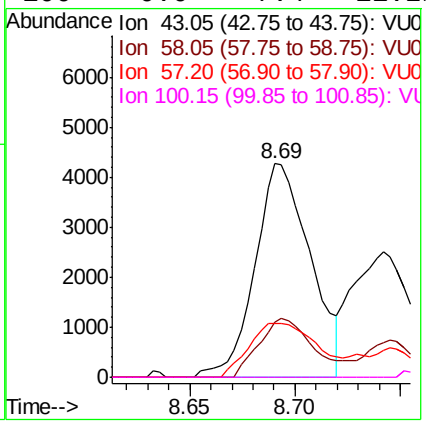


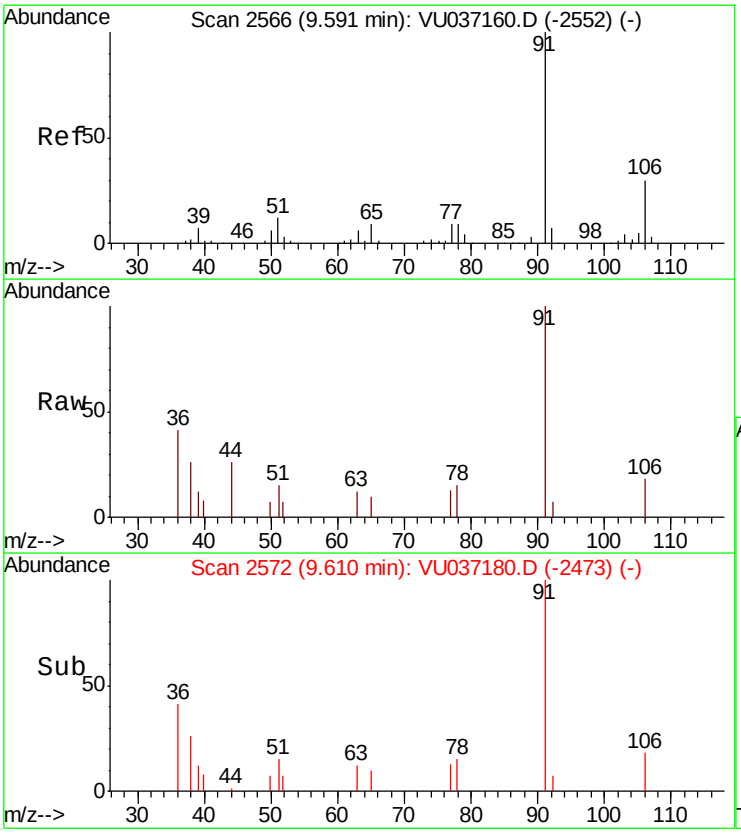
#48
2-Hexanone
Concen: 1.842 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.03 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Instrument : MSVOA_U
ClientSampleId : DBER4

Tgt Ion: 43 Resp: 7809

Ion	Ratio	Lower	Upper
43	100		
58	26.9	38.6	58.0#
57	30.9	13.6	20.4#
100	0.0	7.4	11.2#

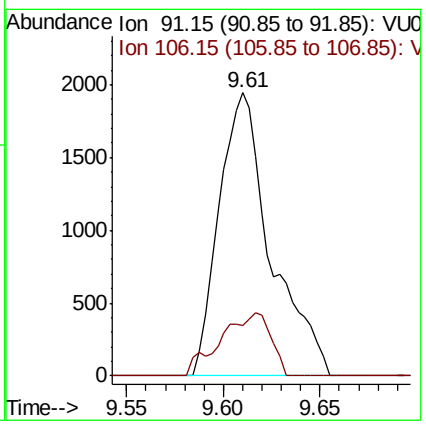


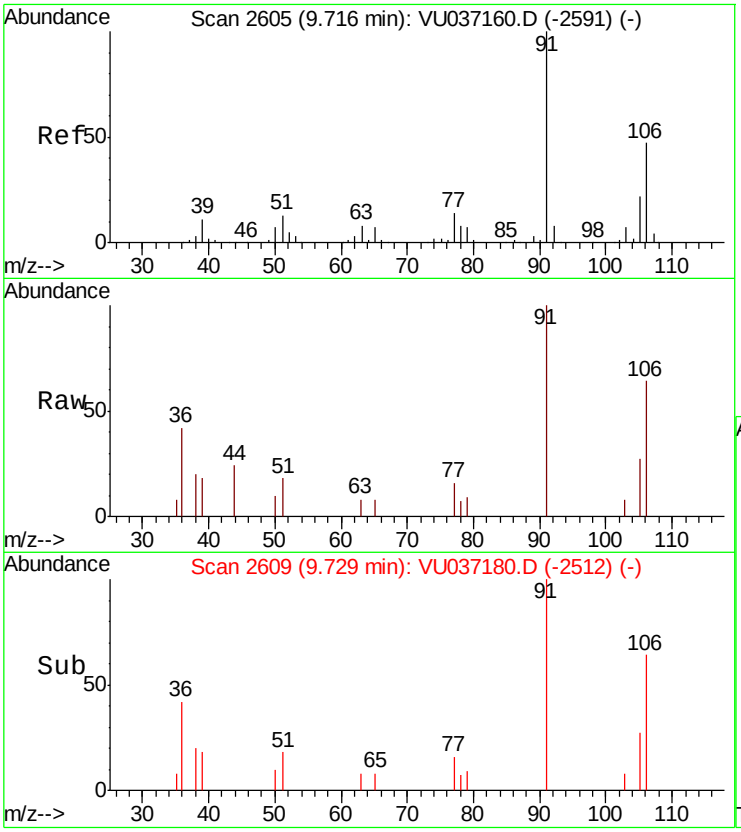


#52
Ethylbenzene
Concen: 0.093 ug/L
RT: 9.61 min Scan# 2572
Delta R.T. 0.02 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Tgt Ion: 91 Resp: 3611

Ion	Ratio	Lower	Upper
91	100		
106	17.9	20.4	37.8#



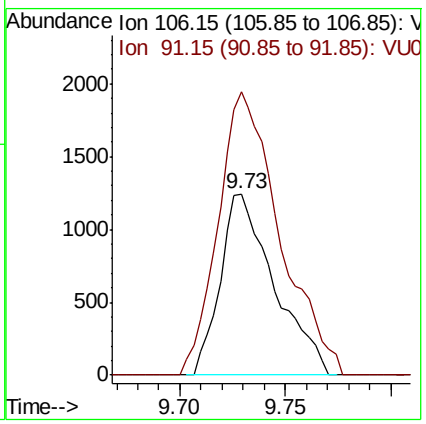


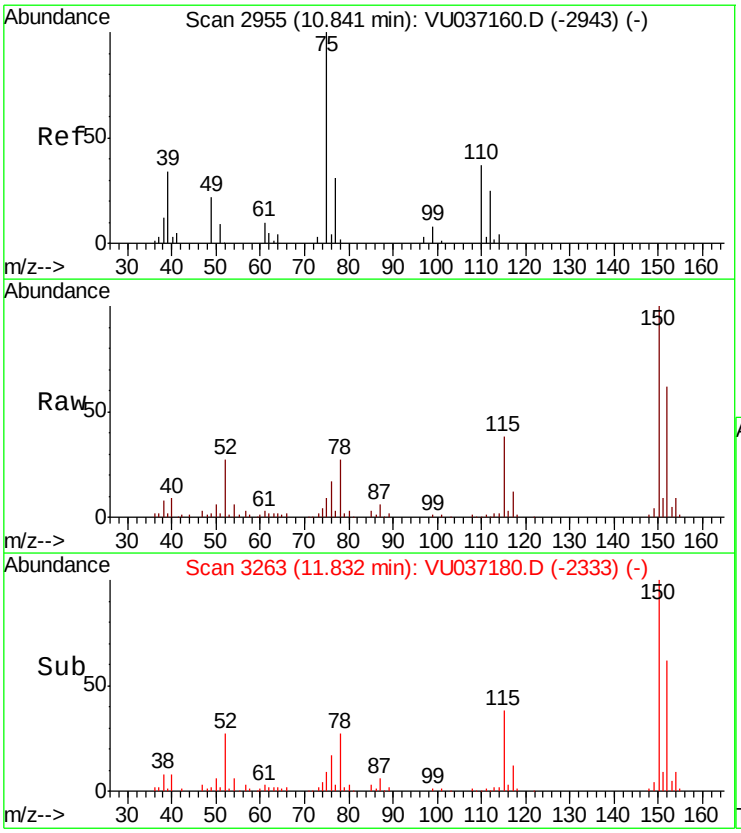
#53
m,p-Xylene
Concen: 0.158 ug/L
RT: 9.73 min Scan# 2609
Delta R.T. 0.01 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Instrument : MSVOA_U
ClientSampleId : DBER4

Tgt Ion:106 Resp: 2205

Ion	Ratio	Lower	Upper
106	100		
91	156.1	150.4	279.4

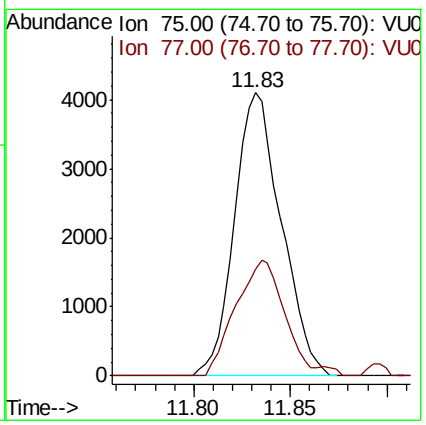


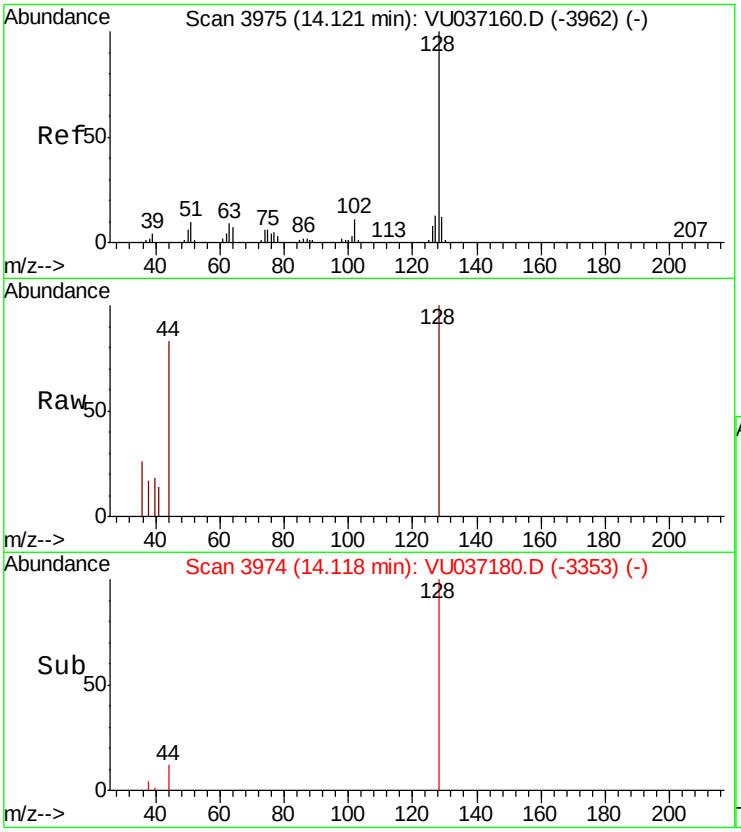


#59
1,2,3-Trichloropropane
Concen: 1.123 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.99 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Tgt Ion: 75 Resp: 6901

Ion	Ratio	Lower	Upper
75	100		
77	42.4	27.4	41.0#





#69
Naphthalene
Concen: 0.130 ug/L
RT: 14.12 min Scan# 3974
Delta R.T. -0.00 min
Lab File: VU037180.D
Acq: 11 Mar 2020 20:49

Instrument :
MSVOA_U
ClientSampleId :
DBER4

Tgt Ion:128 Resp: 1347

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	1.5	10.6	16.0#