Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122120\
Data File : VU041713.D
Acq On : 21 Dec 2020 21:41
Operator : SY/MD
Sample : VU1221WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK09

Quant Time: Dec 22 06:02:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 05:59:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	139092	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	136659	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66116	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	58942	5.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.40%			
7) Chloroethane-d5	1.92	69	51947	6.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 123.40%			
11) 1,1-Dichloroethene-d2	2.58	63	83040	4.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.00%			
20) 2-Butanone-d5	4.66	46	200634	64.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 128.46%			
24) Chloroform-d	5.08	84	109901	5.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 118.00%			
26) 1,2-Dichloroethane-d4	5.72	65	62468	5.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.20%			
32) Benzene-d6	5.74	84	220306	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.60%			
36) 1,2-Dichloropropane-d6	6.70	67	71064	5.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.80%			
41) Toluene-d8	7.90	98	193537	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.60%			
43) trans-1,3-Dichloropropene-	8.19	79	27776	5.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.80%			
46) 2-Hexanone-d5	8.64	63	172257	57.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.24%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	63601	5.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	68535	5.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.60%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	849	0.089	ug/L #	22
12) 1,1-Dichloroethene	2.57	96	690	0.073	ug/L #	1
16) Methylene chloride	3.06	84	2849	0.253	ug/L	99
25) Chloroform	5.09	83	959	0.052	ug/L #	41
27) 1,2-Dichloroethane	5.74	62	1143	0.092	ug/L #	73
33) Benzene	5.74	78	1672	0.038	ug/L	100
35) Methylcyclohexane	6.70	83	16117	0.908	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	7301	0.653	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1491	0.090	ug/L #	19
44) trans-1,3-Dichloropropene	8.19	75	1067	0.072	ug/L #	64
47) Tetrachloroethene	8.56	164	565	0.073	ug/L	92
48) 2-Hexanone	8.64	43	17360	2.999	ug/L #	66
49) Dibromochloromethane	8.56	129	508	0.053	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	7505	0.894	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	450	0.035	ug/L #	56

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122120\
Data File : VU041713.D
Acq On : 21 Dec 2020 21:41
Operator : SY/MD
Sample : VU1221WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Quant Time: Dec 22 06:02:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 05:59:09 2020
Response via : Initial Calibration

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

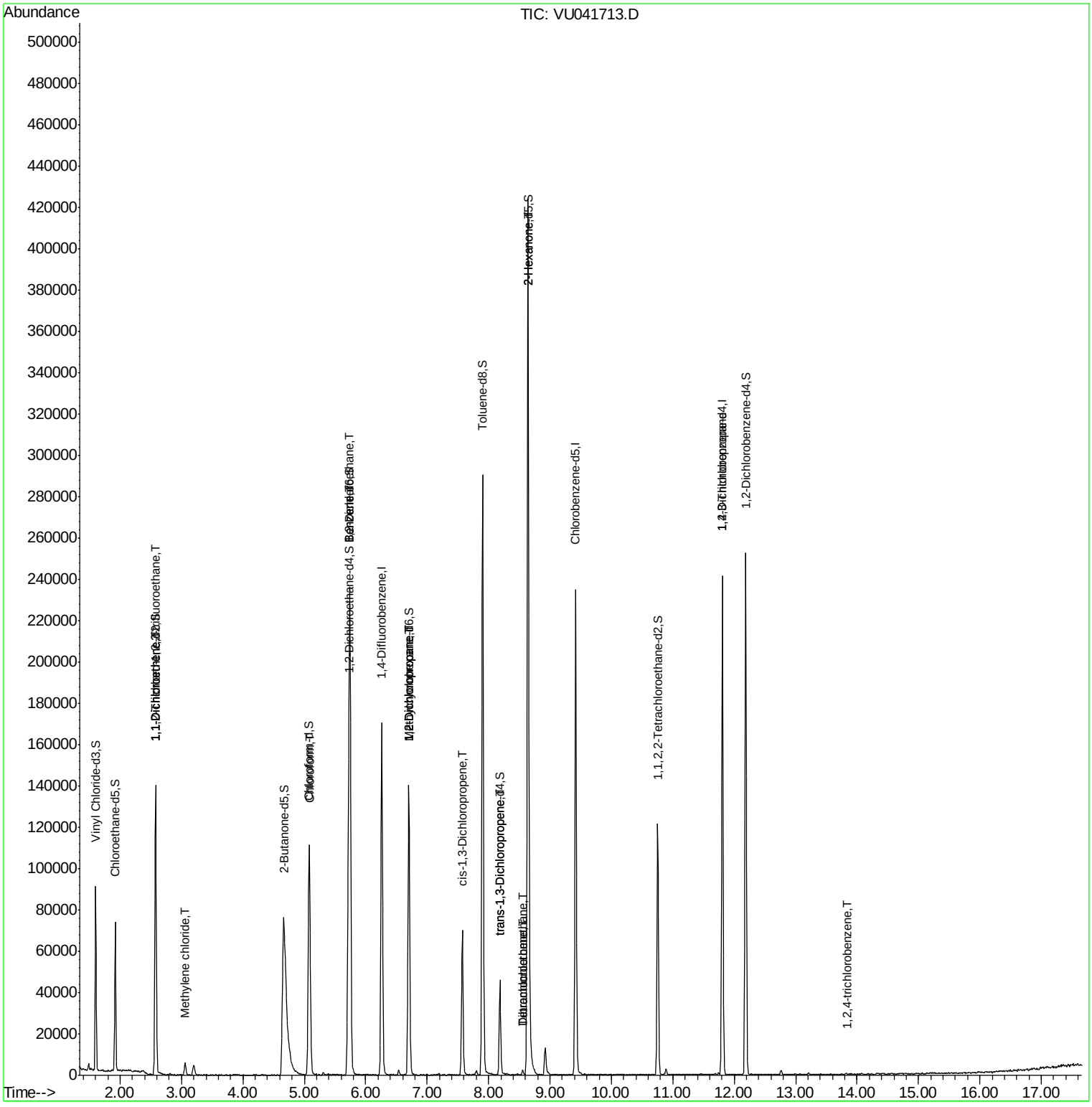
(#) = qualifier out of range (m) = manual integration (+) = signals summed

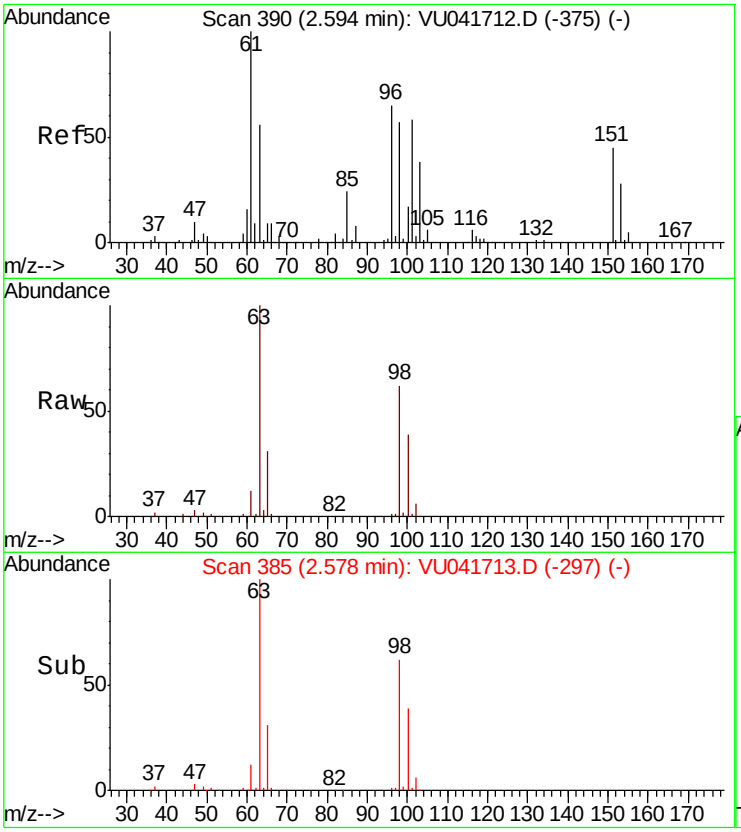
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122120\
Data File : VU041713.D
Acq On : 21 Dec 2020 21:41
Operator : SY/MD
Sample : VU1221WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Quant Time: Dec 22 06:02:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 05:59:09 2020
Response via : Initial Calibration



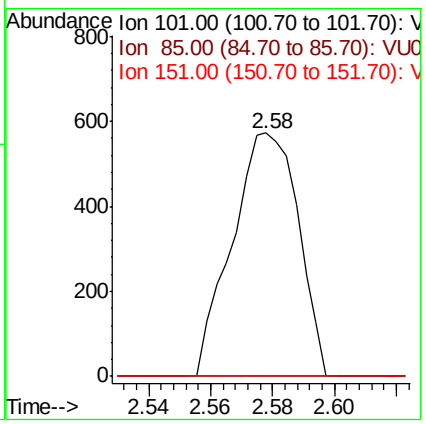


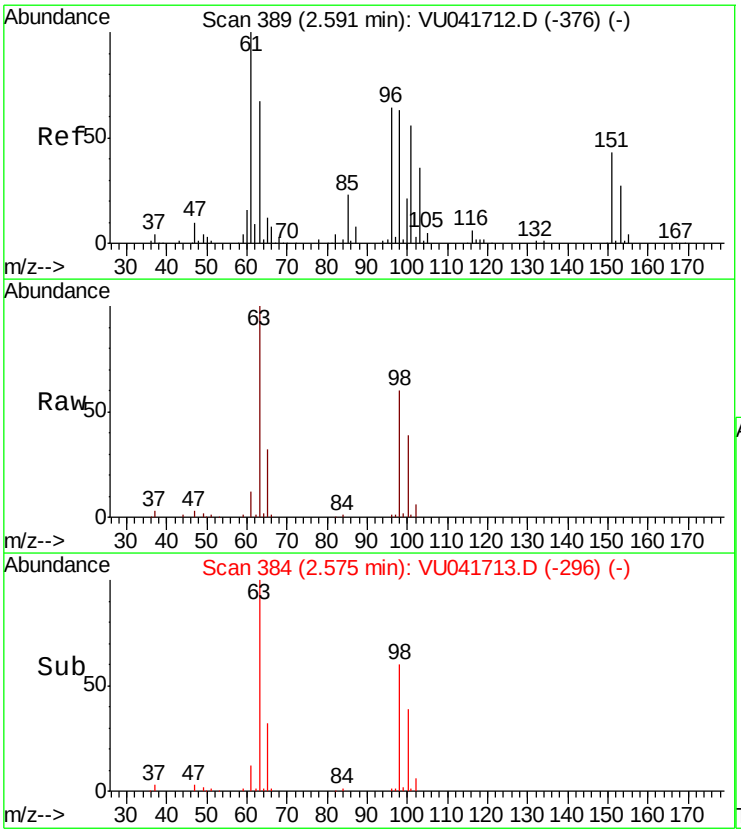
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Tgt Ion:101 Resp: 849

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.6	50.4#
151	0.0	56.2	84.4#

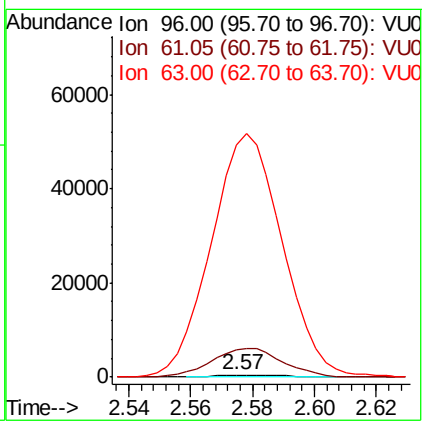


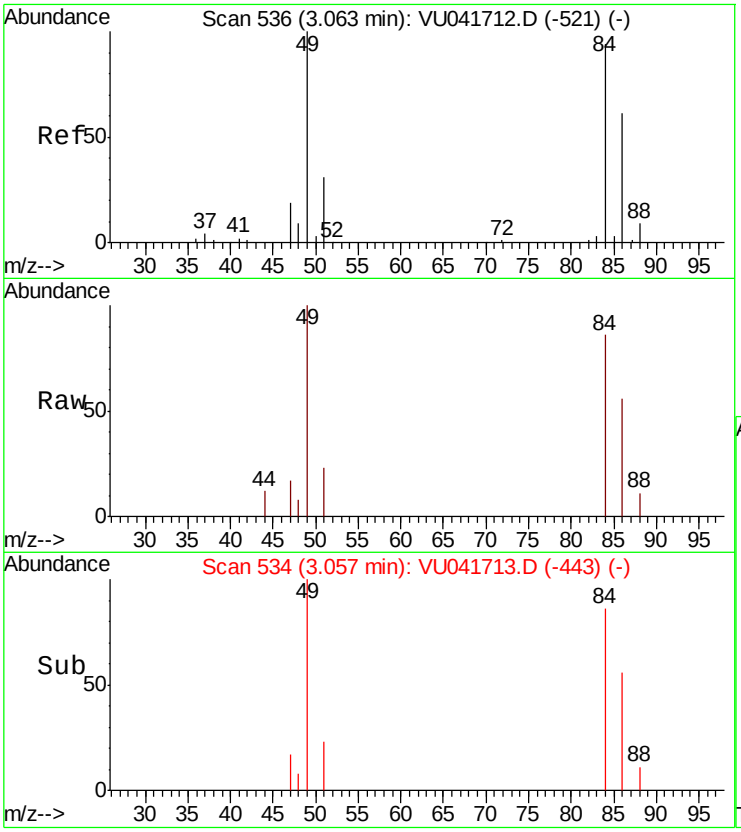


#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Tgt Ion: 96 Resp: 690

Ion	Ratio	Lower	Upper
96	100		
61	1176.8	123.8	230.0#
63	10034.1	81.0	150.4#



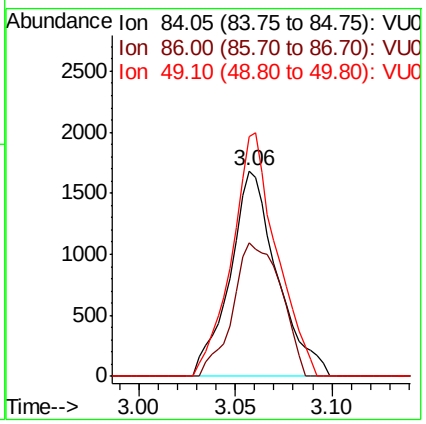


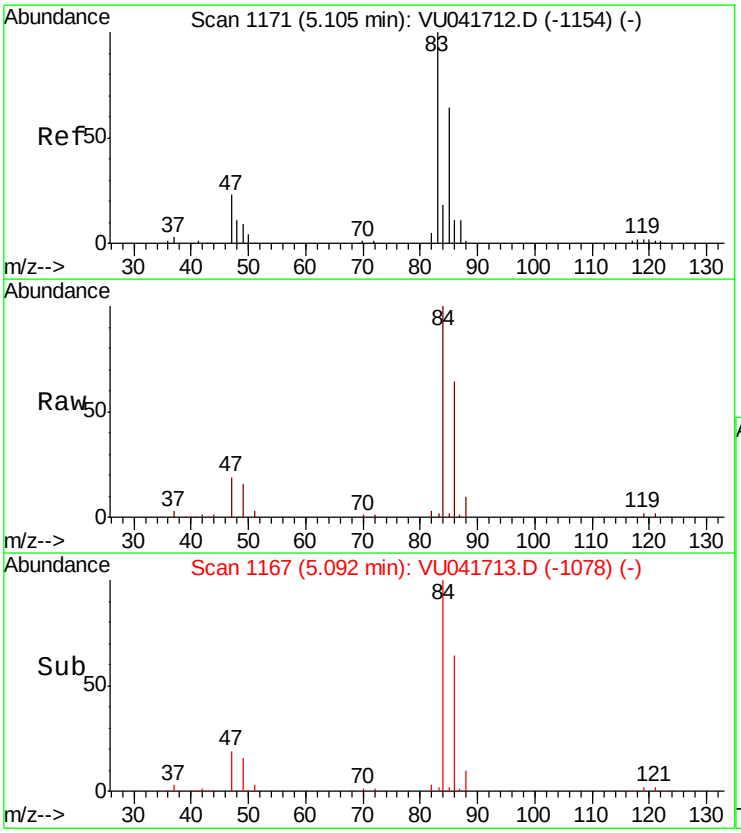
#16
Methylene chloride
Concen: 0.253 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.01 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Instrument : MSVOA_U
ClientSampleId : VBLK09

Tgt Ion: 84 Resp: 2849

Ion	Ratio	Lower	Upper
84	100		
86	64.8	45.1	83.7
49	116.6	83.1	154.3

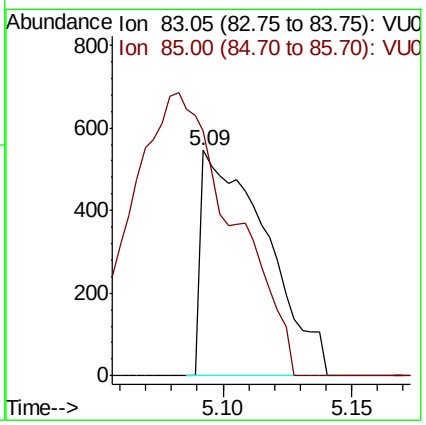


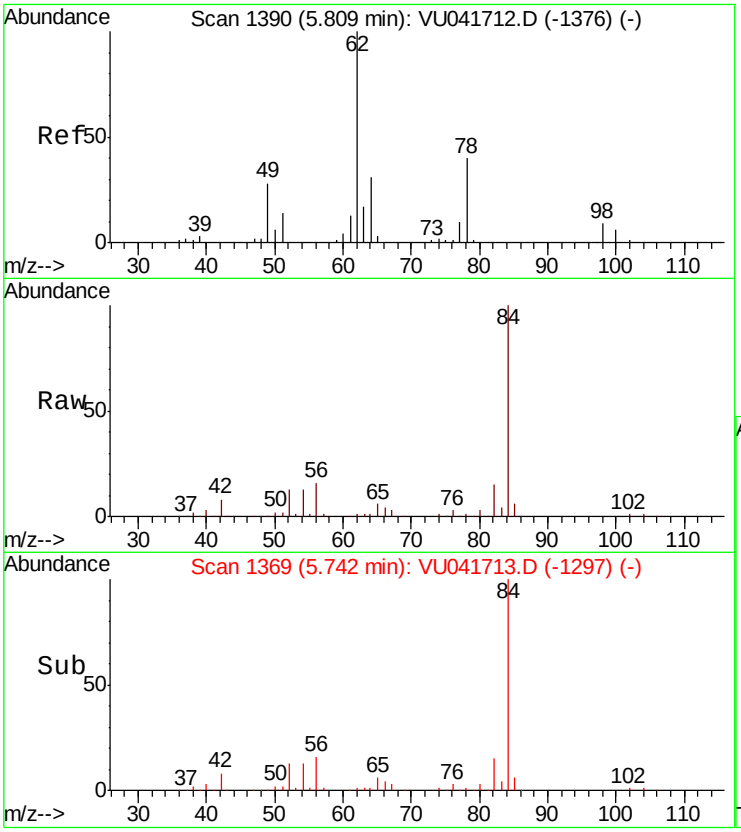


#25
Chloroform
Concen: 0.052 ug/L
RT: 5.09 min Scan# 1167
Delta R.T. -0.01 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Tgt Ion: 83 Resp: 959

Ion	Ratio	Lower	Upper
83	100		
85	108.8	44.2	82.0#



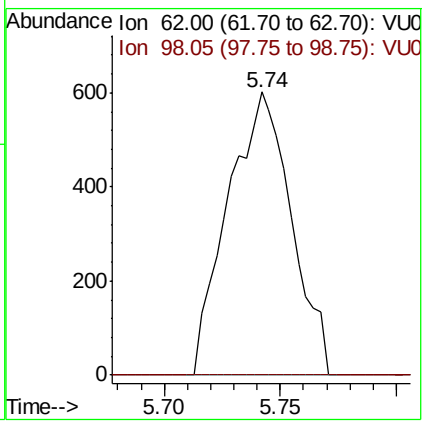


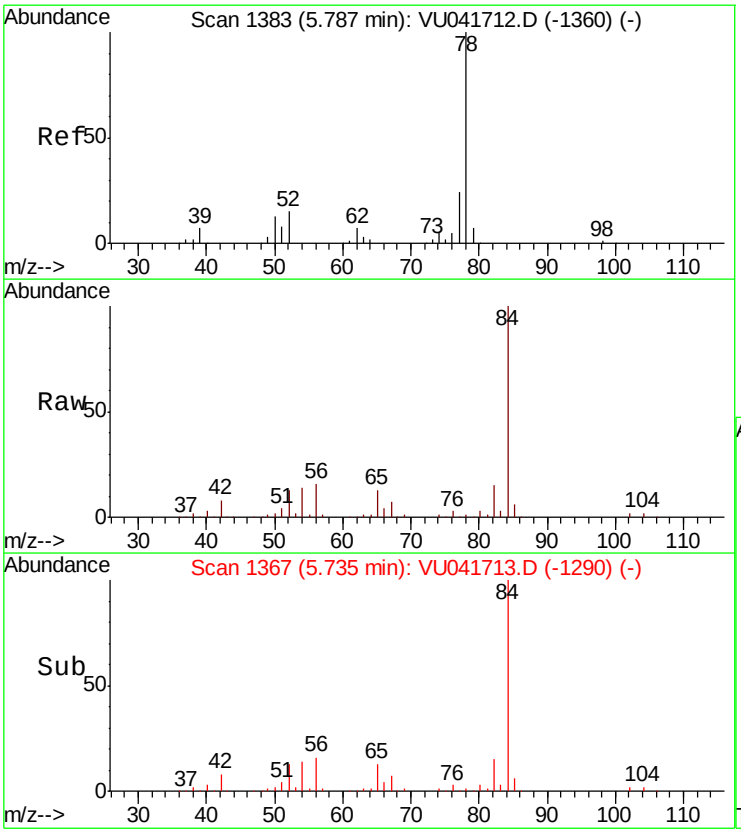
#27
1,2-Dichloroethane
Concen: 0.092 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Tgt Ion: 62 Resp: 1143

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.2#

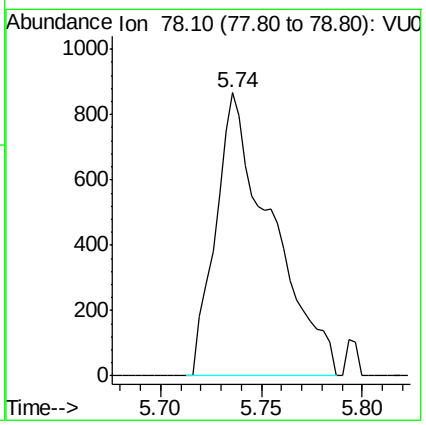
Instrument :
MSVOA_U
ClientSampleId :
VBLK09

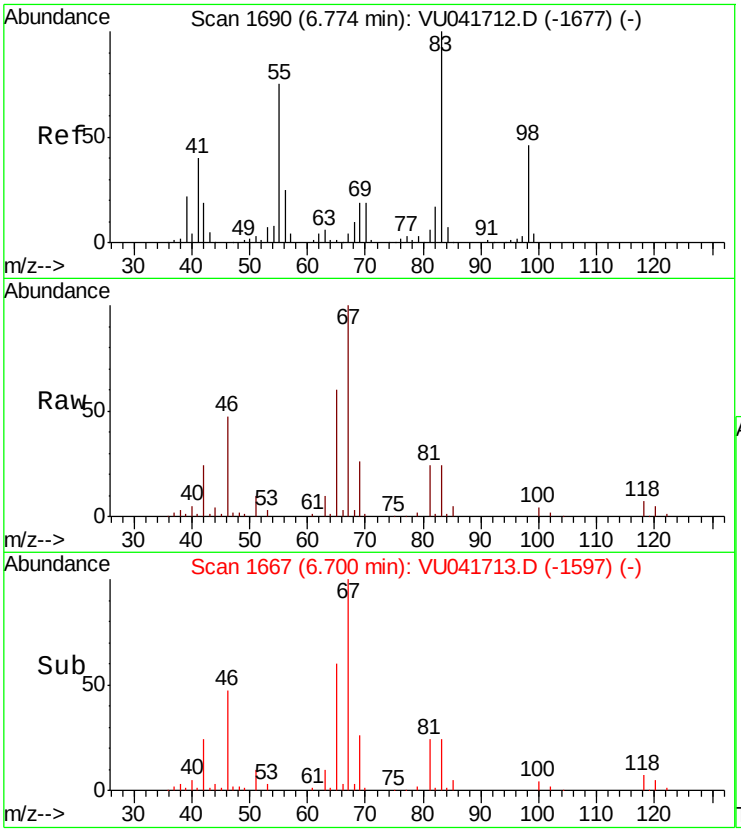




#33
Benzene
Concen: 0.038 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Tgt Ion: 78 Resp: 1672



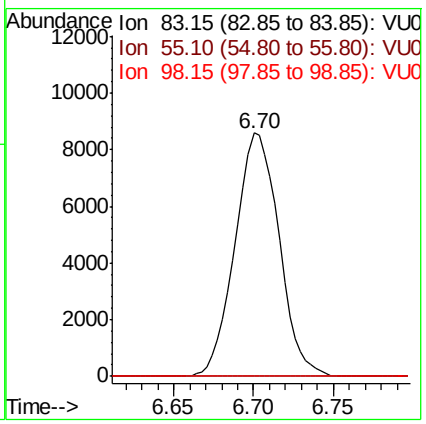


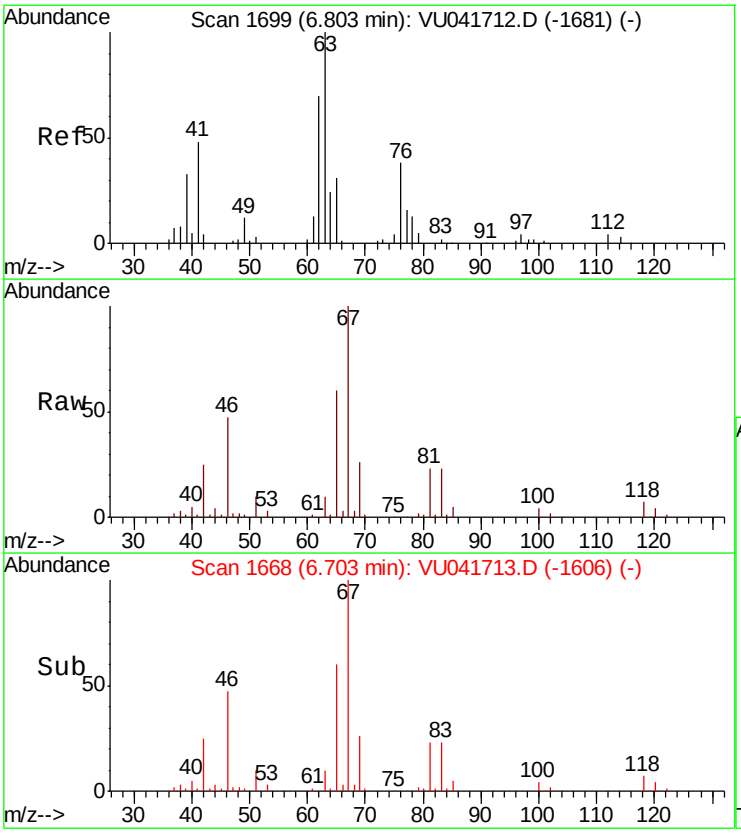
#35
Methylcyclohexane
Concen: 0.908 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Tgt Ion: 83 Resp: 16117

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	3.0	36.6	54.8#

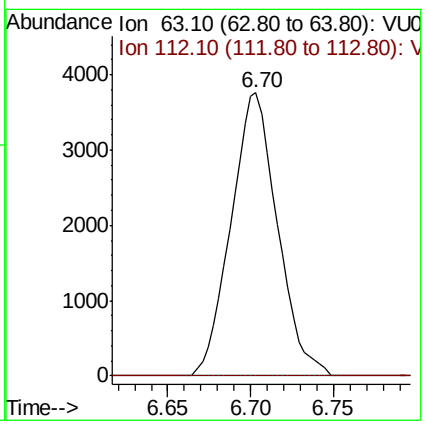


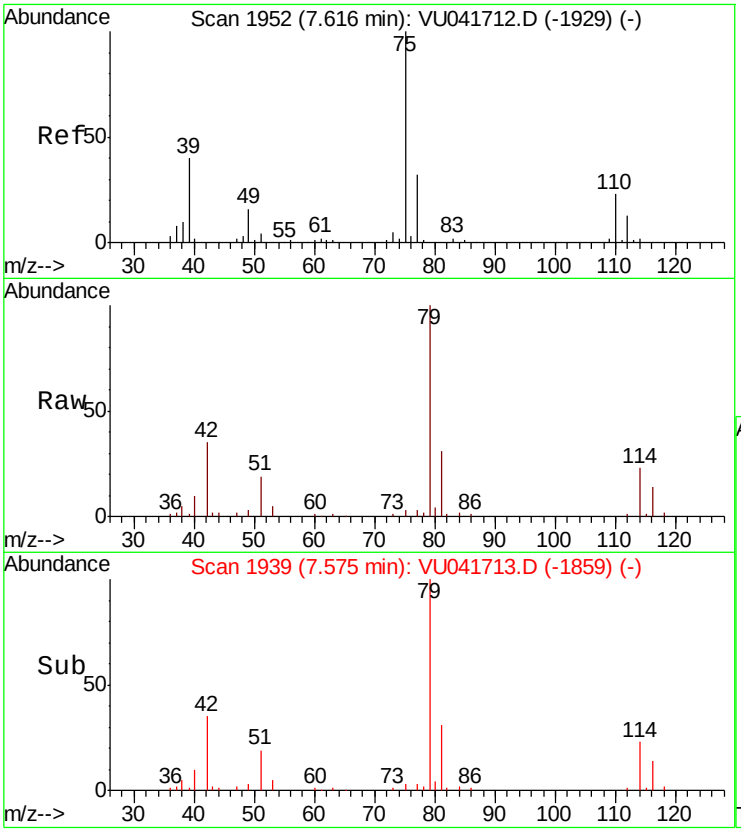


#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Tgt Ion: 63 Resp: 7301

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



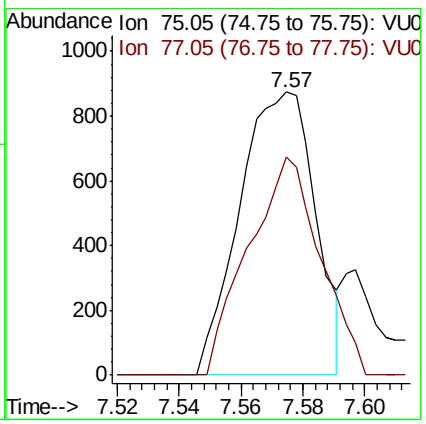


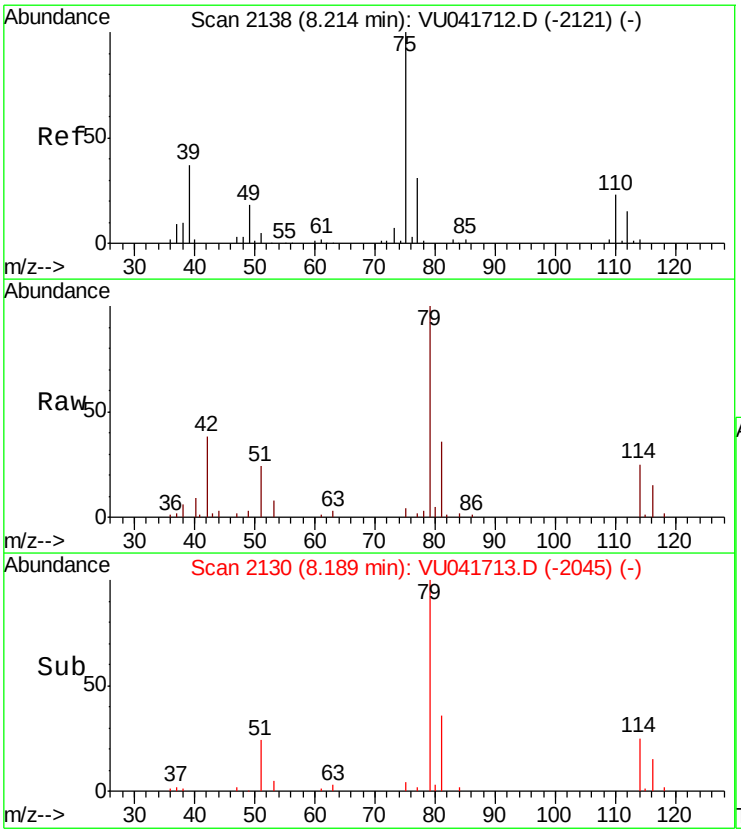
#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Tgt Ion: 75 Resp: 1491

Ion	Ratio	Lower	Upper
75	100		
77	76.9	22.3	41.3#

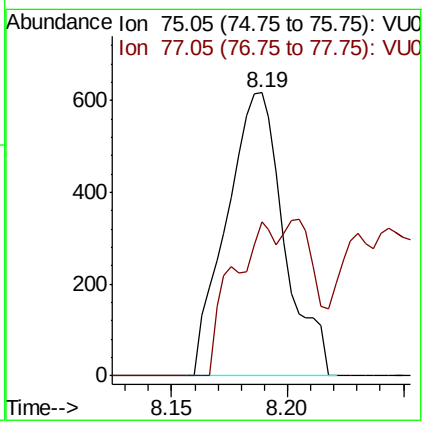


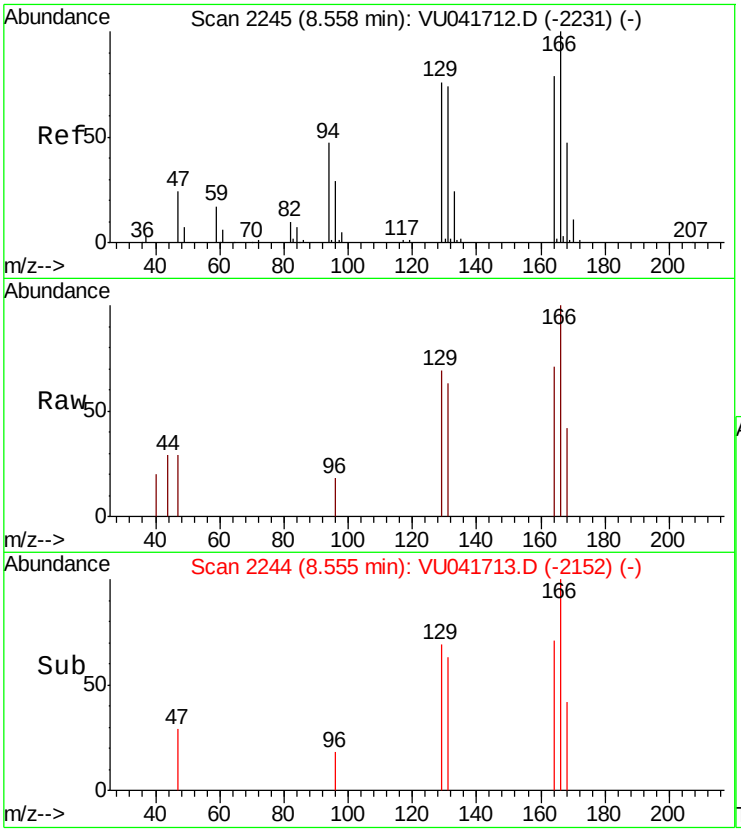


#44
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Tgt Ion: 75 Resp: 1067

Ion	Ratio	Lower	Upper
75	100		
77	54.5	23.8	44.2#



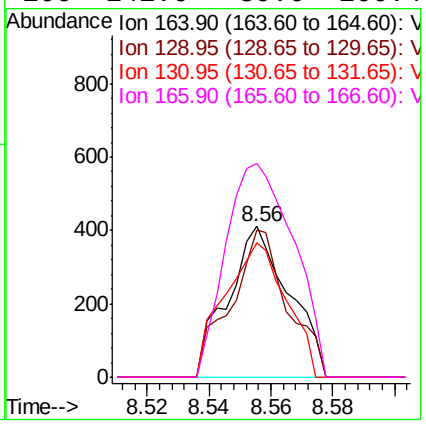


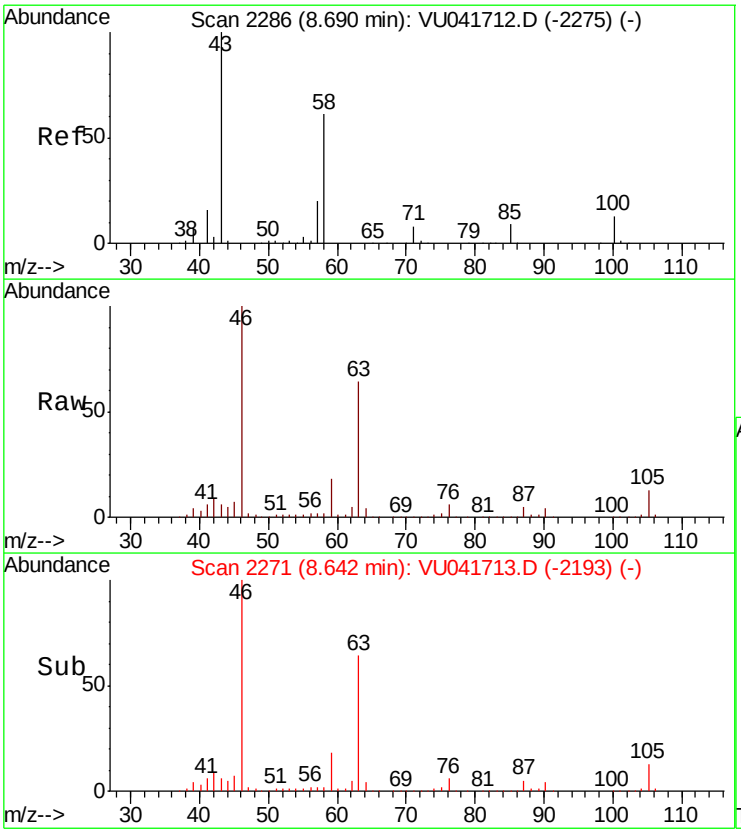
#47
Tetrachloroethene
Concen: 0.073 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Tgt Ion:164 Resp: 565

Ion	Ratio	Lower	Upper
164	100		
129	98.1	72.2	134.0
131	88.8	66.9	124.3
166	141.6	89.6	166.4

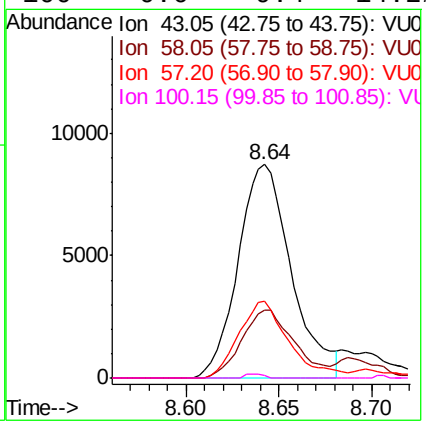


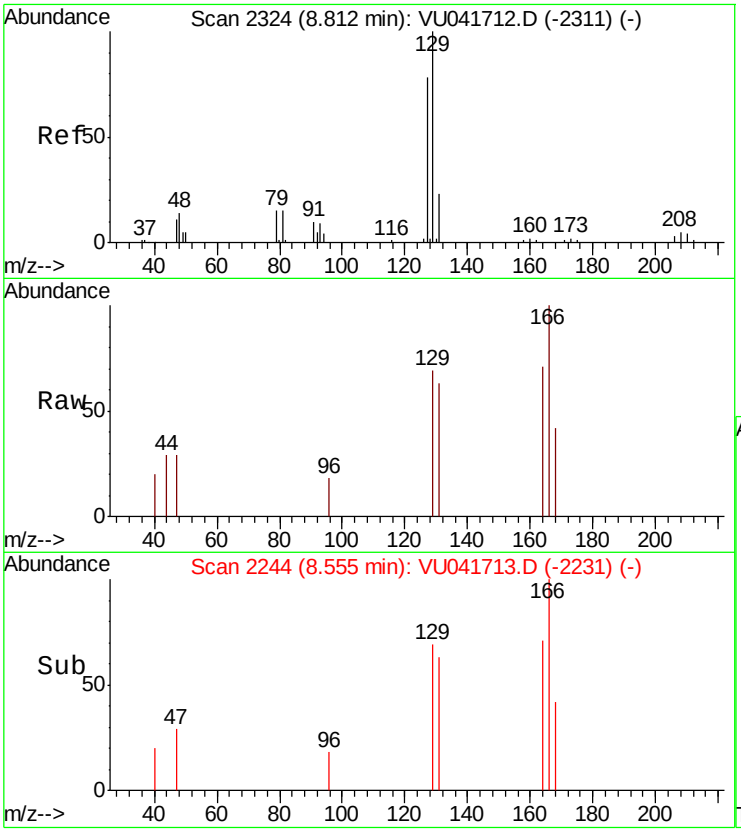


#48
2-Hexanone
Concen: 2.999 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Tgt Ion: 43 Resp: 17360

Ion	Ratio	Lower	Upper
43	100		
58	31.6	47.9	71.9#
57	33.7	16.5	24.7#
100	0.6	9.4	14.2#



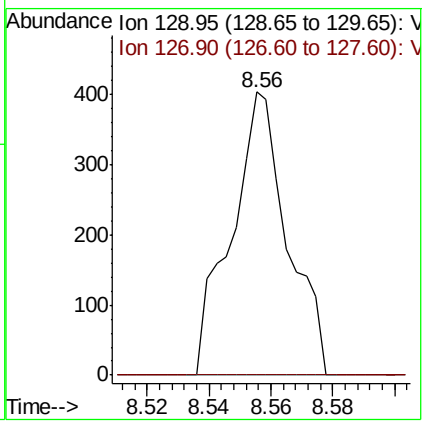


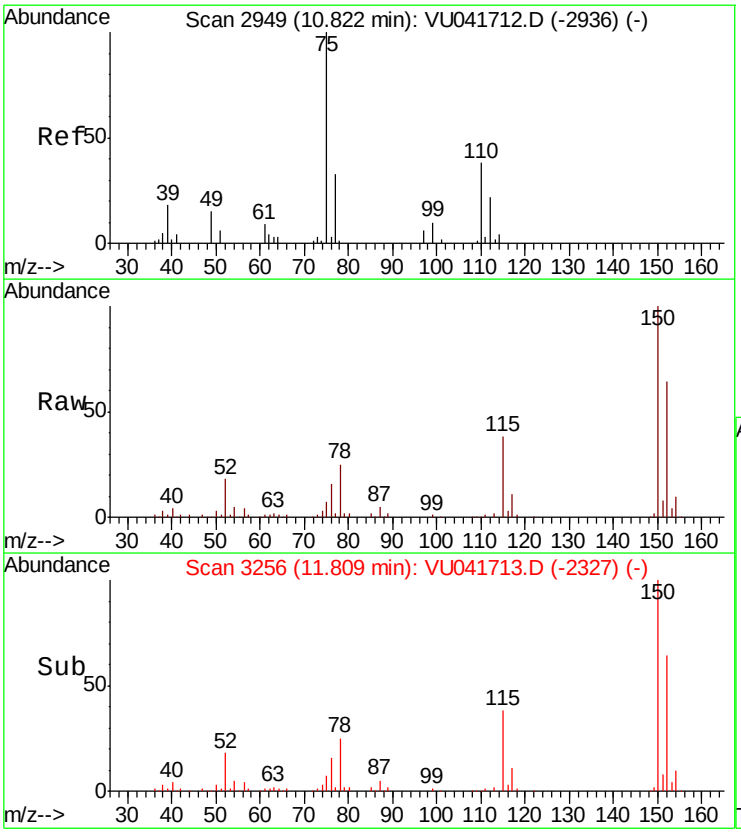
#49
Dibromochloromethane
Concen: 0.053 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Instrument : MSVOA_U
ClientSampleId : VBLK09

Tgt Ion:129 Resp: 508

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#

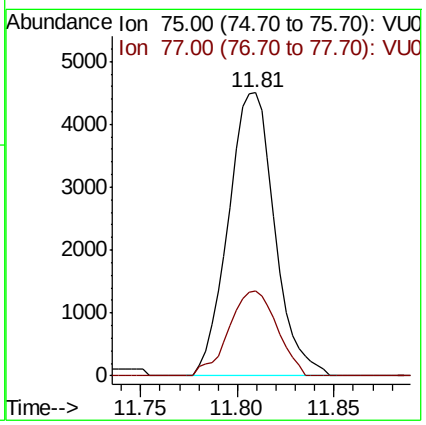


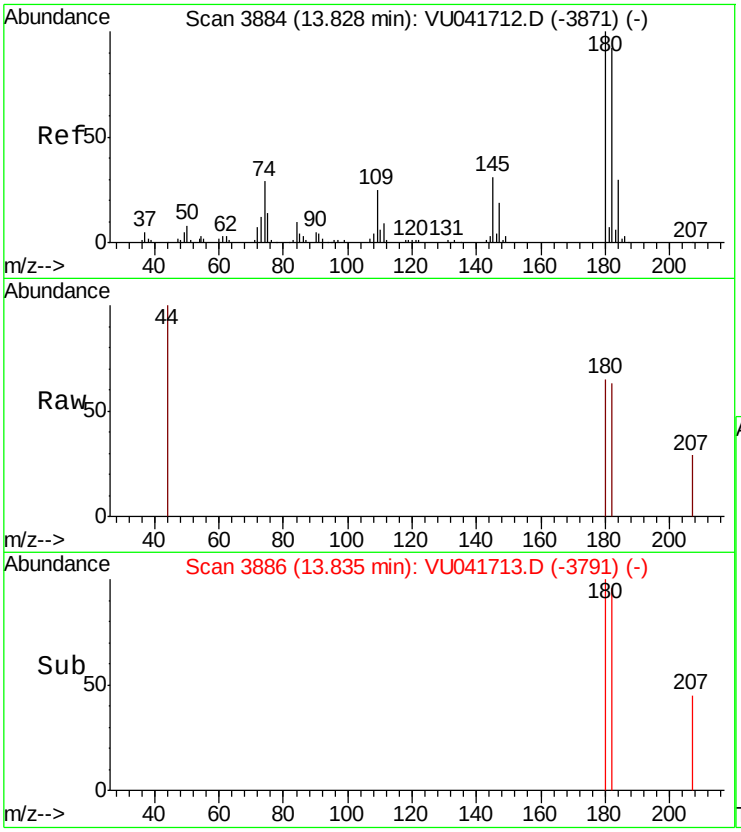


#59
1,2,3-Trichloropropane
Concen: 0.894 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Tgt Ion: 75 Resp: 7505

Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.2	39.2





#68
1,2,4-trichlorobenzene
Concen: 0.035 ug/L
RT: 13.83 min Scan# 3886
Delta R.T. 0.01 min
Lab File: VU041713.D
Acq: 21 Dec 2020 21:41

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Tgt Ion:180 Resp: 450

Ion	Ratio	Lower	Upper
180	100		
182	55.6	75.4	113.0#
145	0.0	24.5	36.7#