Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122320\
Data File : VU041777.D
Acq On : 23 Dec 2020 13:10
Operator : SY/MD
Sample : L5161-09DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB234DL

Quant Time: Dec 24 01:10:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123839	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54514	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	37700	3.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.80%			
7) Chloroethane-d5	1.92	69	41461	5.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.60%			
11) 1,1-Dichloroethene-d2	2.58	63	59895	3.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.20%			
20) 2-Butanone-d5	4.66	46	136094	48.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.88%			
24) Chloroform-d	5.08	84	77683	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.72	65	45591	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.74	84	150008	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
36) 1,2-Dichloropropane-d6	6.70	67	49276	4.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.60%			
41) Toluene-d8	7.90	98	121695	3.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.00%			
43) trans-1,3-Dichloropropene-	8.19	79	19459	3.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.80%			
46) 2-Hexanone-d5	8.64	63	114279	42.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.62%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45934	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	45982	4.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	502	0.049	ug/L	97
8) Chloroethane	1.93	64	326	0.043	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	701	0.082	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	650	0.077	ug/L #	1
16) Methylene chloride	3.06	84	2695	0.269	ug/L	90
25) Chloroform	5.10	83	1293	0.079	ug/L #	72
31) Carbon tetrachloride	5.54	117	100078	8.234	ug/L	98
35) Methylcyclohexane	6.70	83	11244	0.707	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	5339	0.533	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1270	0.086	ug/L #	77
44) trans-1,3-Dichloropropene	8.19	75	719	0.054	ug/L #	61
59) 1,2,3-Trichloropropane	11.81	75	5817	0.774	ug/L	96

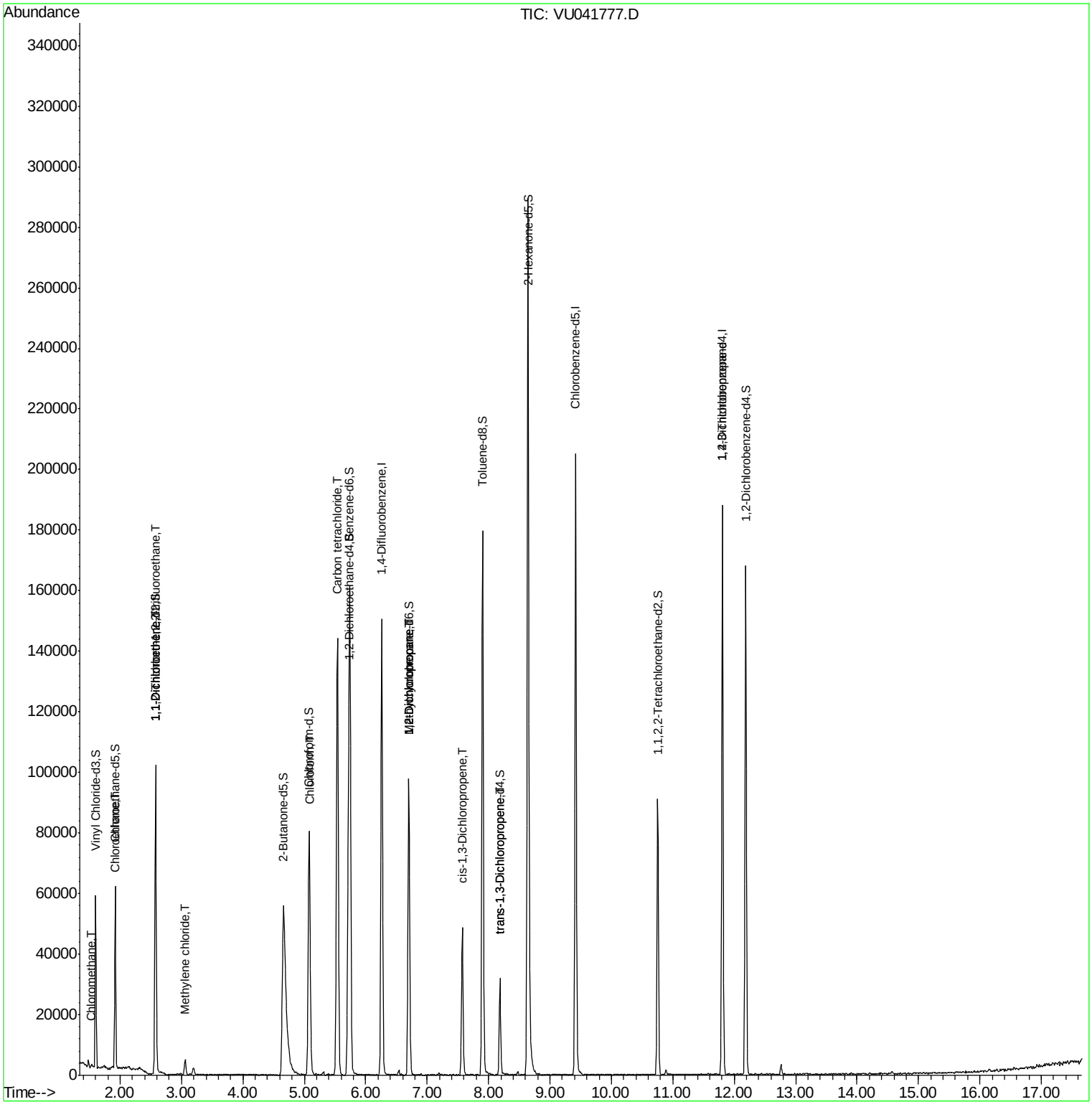
(#) = qualifier out of range (m) = manual integration (+) = signals summed

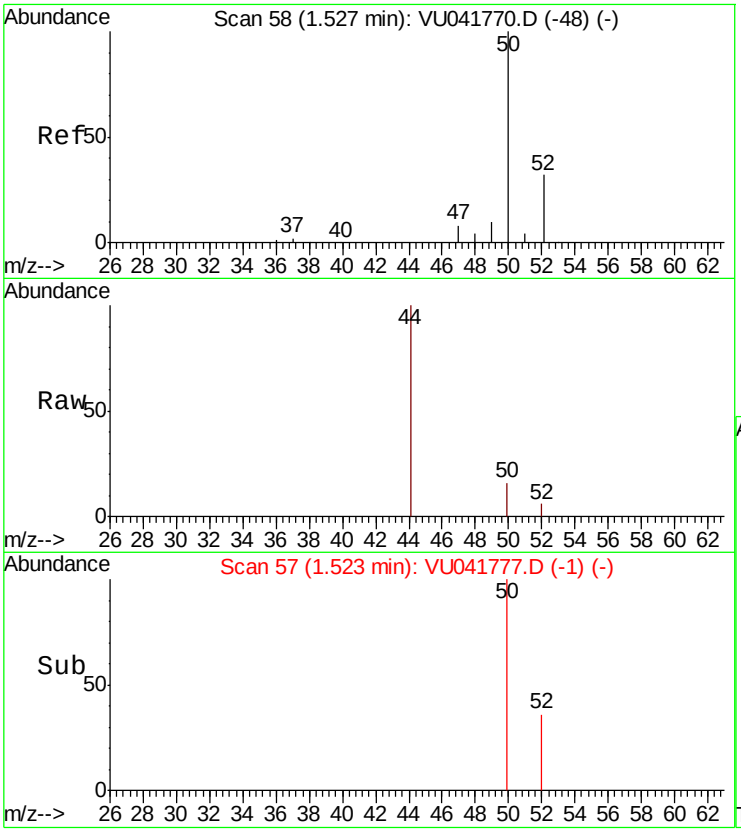
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122320\
Data File : VU041777.D
Acq On : 23 Dec 2020 13:10
Operator : SY/MD
Sample : L5161-09DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB234DL

Quant Time: Dec 24 01:10:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration



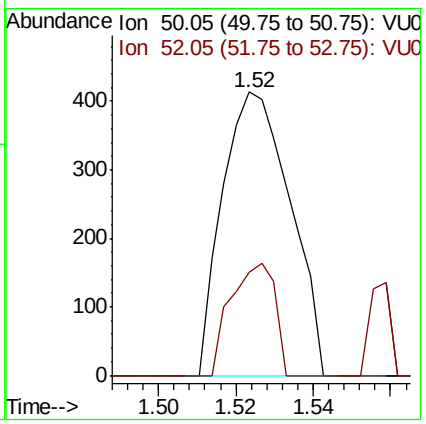


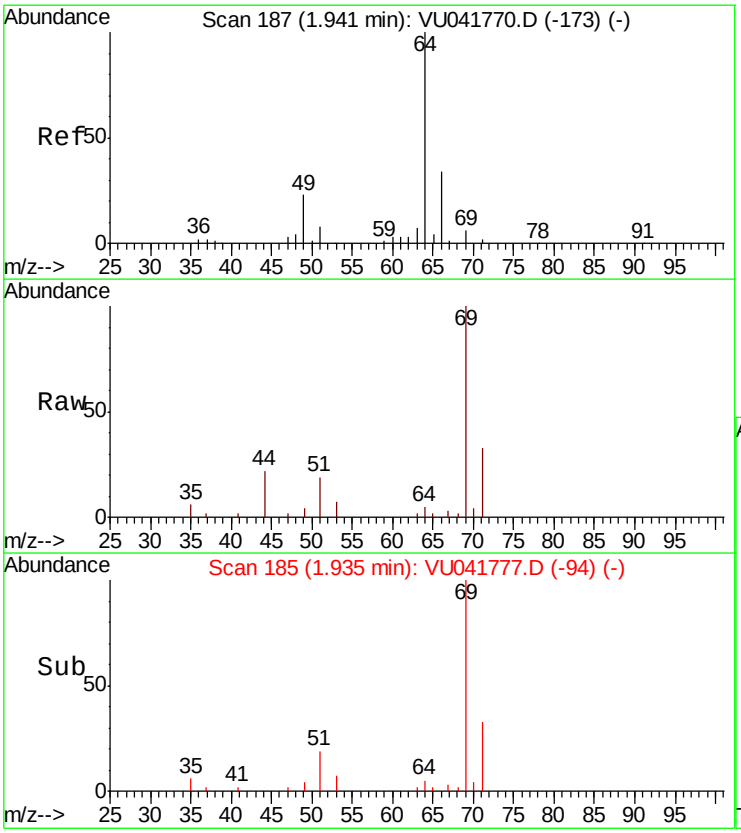
#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041777.D
Acq: 23 Dec 2020 13:10

Instrument : MSVOA_U
ClientSampleId : GB234DL

Tgt Ion: 50 Resp: 502

Ion	Ratio	Lower	Upper
50	100		
52	36.3	24.1	44.8

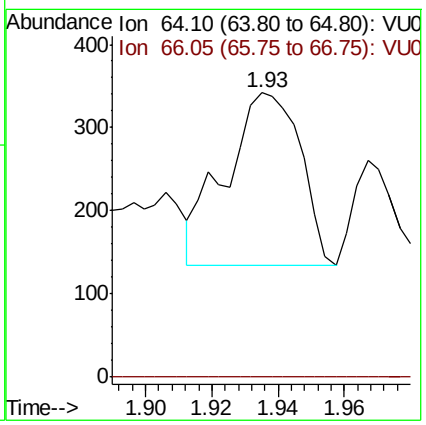


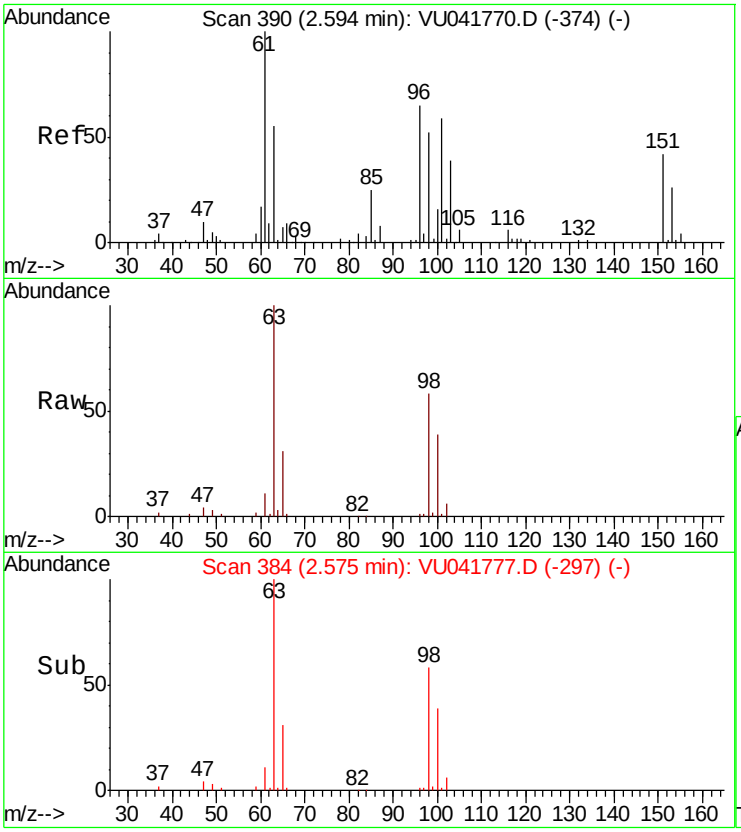


#8
Chloroethane
Concen: 0.043 ug/L
RT: 1.93 min Scan# 185
Delta R.T. -0.01 min
Lab File: VU041777.D
Acq: 23 Dec 2020 13:10

Tgt Ion: 64 Resp: 326

Ion	Ratio	Lower	Upper
64	100		
66	0.0	21.6	40.0#



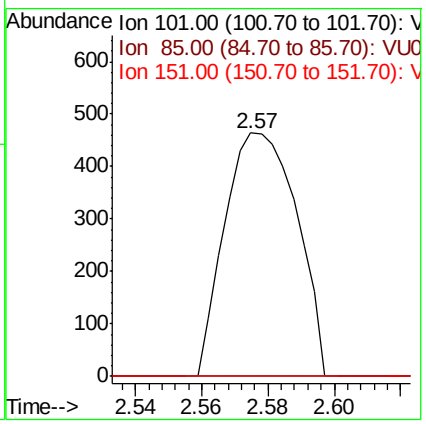


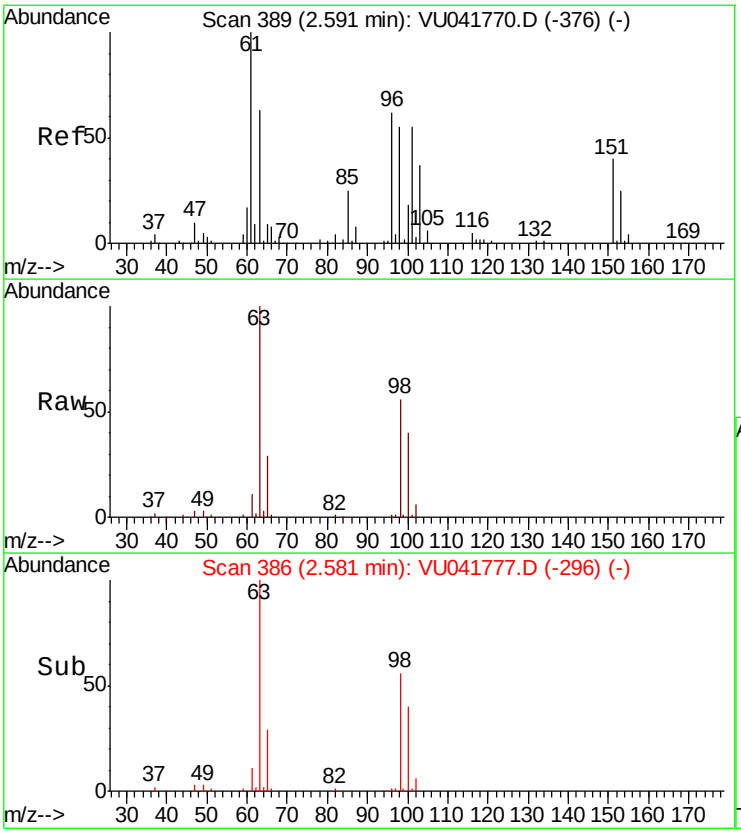
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.082 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU041777.D
Acq: 23 Dec 2020 13:10

Instrument :
MSVOA_U
ClientSampleId :
GB234DL

Tgt Ion:101 Resp: 701

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

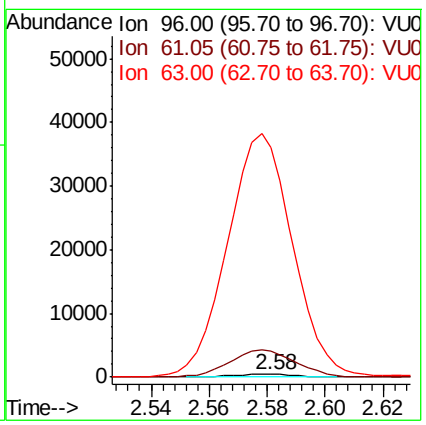


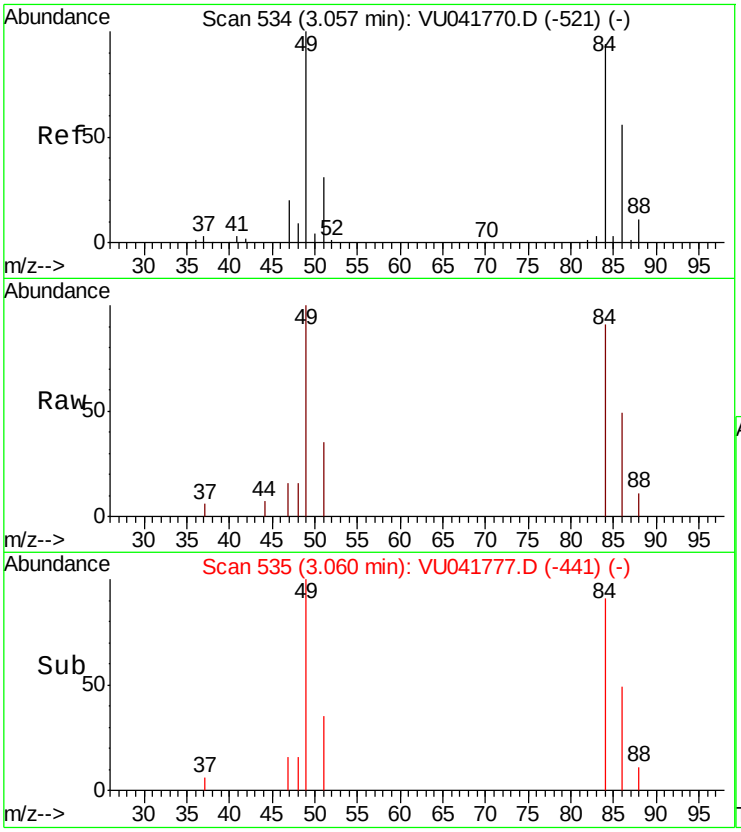


#12
1,1-Dichloroethene
Concen: 0.077 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041777.D
Acq: 23 Dec 2020 13:10

Tgt Ion: 96 Resp: 650

Ion	Ratio	Lower	Upper
96	100		
61	972.9	123.8	230.0#
63	8553.0	81.0	150.4#



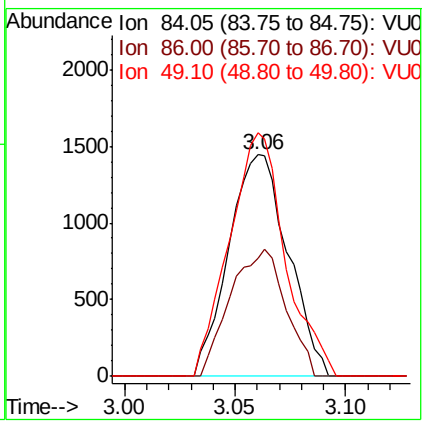


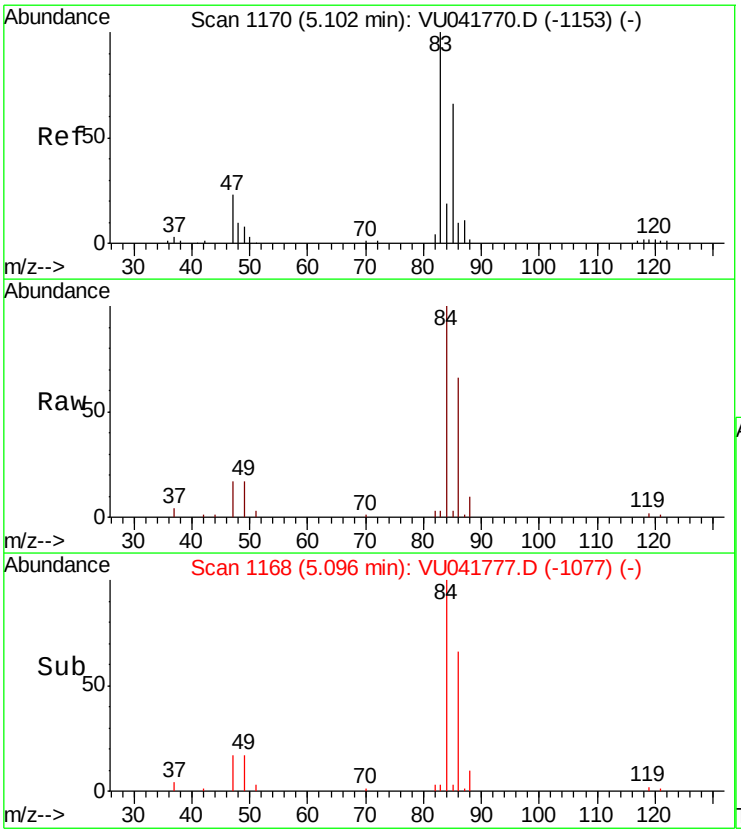
#16
Methylene chloride
Concen: 0.269 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041777.D
Acq: 23 Dec 2020 13:10

Instrument : MSVOA_U
ClientSampleId : GB234DL

Tgt Ion: 84 Resp: 2695

Ion	Ratio	Lower	Upper
84	100		
86	53.4	45.1	83.7
49	110.0	83.1	154.3

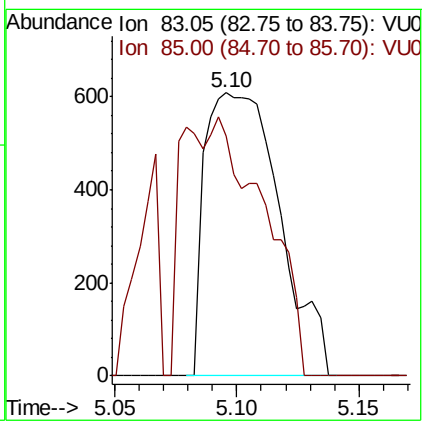


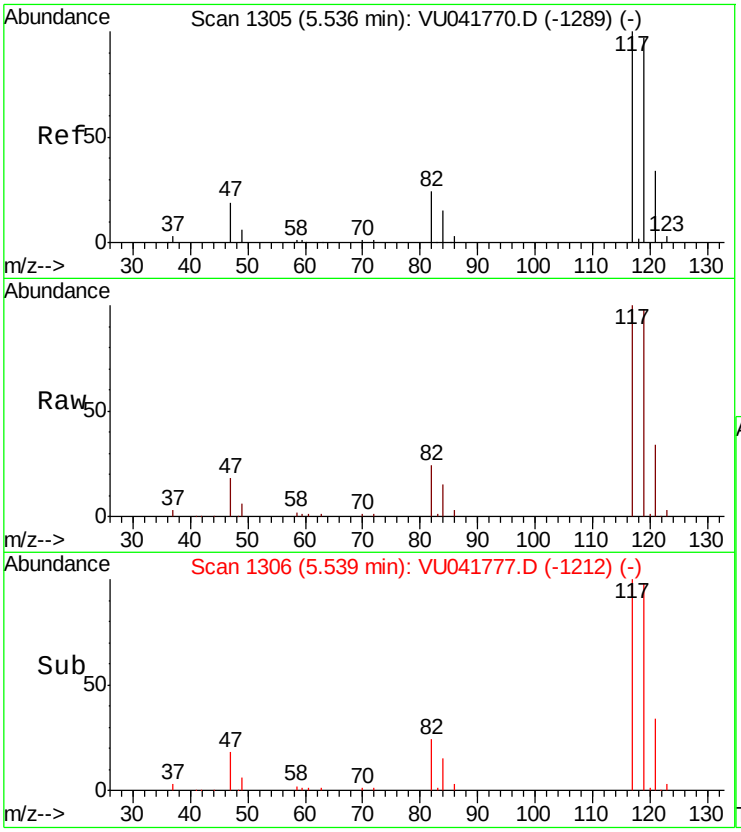


#25
Chloroform
Concen: 0.079 ug/L
RT: 5.10 min Scan# 1168
Delta R.T. -0.01 min
Lab File: VU041777.D
Acq: 23 Dec 2020 13:10

Tgt Ion: 83 Resp: 1293

Ion	Ratio	Lower	Upper
83	100		
85	84.9	44.2	82.0#



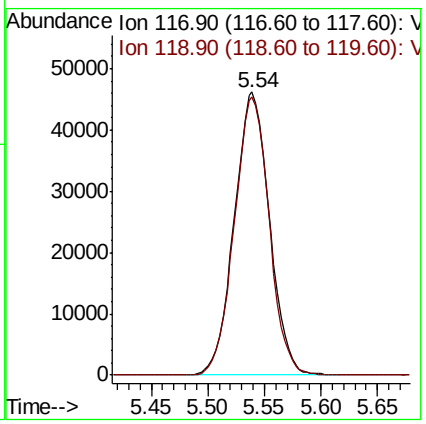


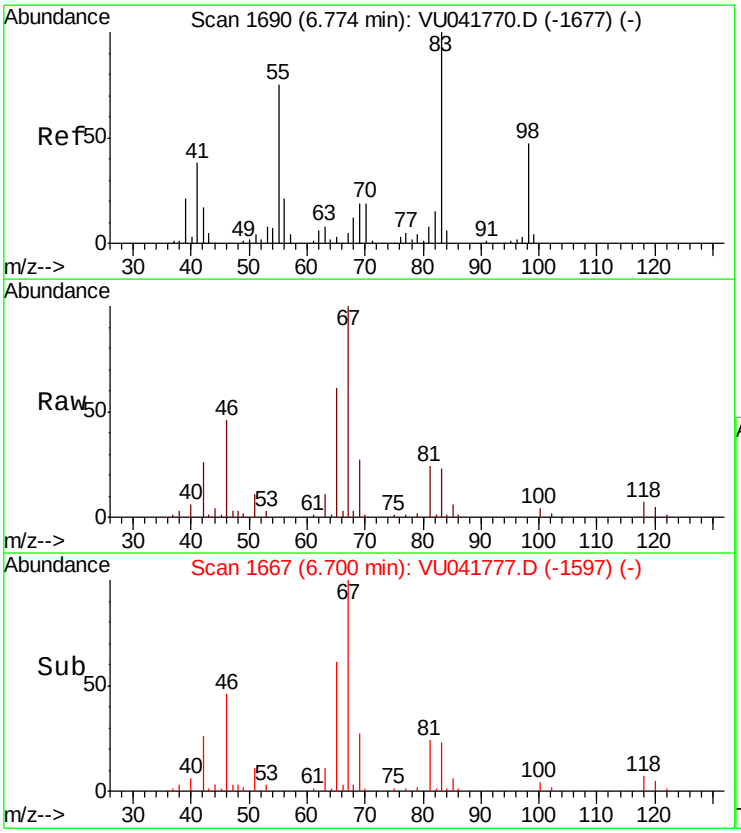
#31
Carbon tetrachloride
Concen: 8.234 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041777.D
Acq: 23 Dec 2020 13:10

Instrument : MSVOA_U
ClientSampleId : GB234DL

Tgt Ion:117 Resp: 100078

Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.2	114.2

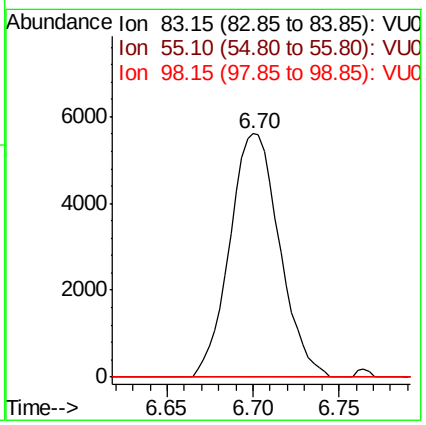


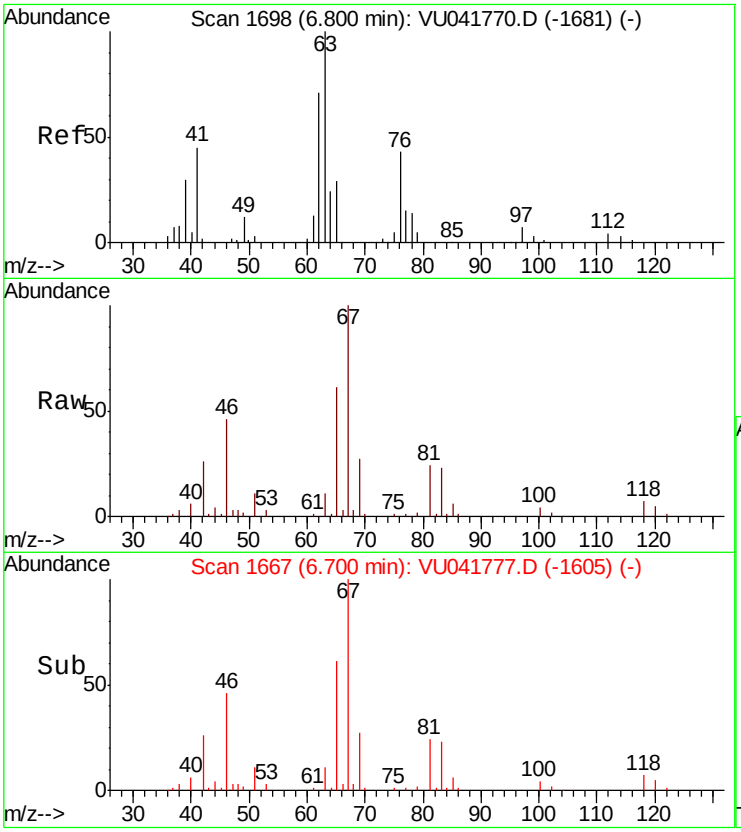


#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041777.D
Acq: 23 Dec 2020 13:10

Tgt Ion: 83 Resp: 11244

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	2.4	36.6	54.8#



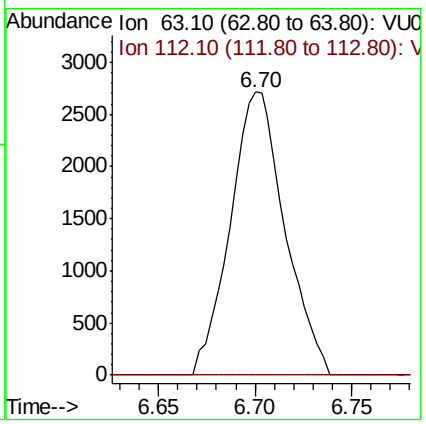


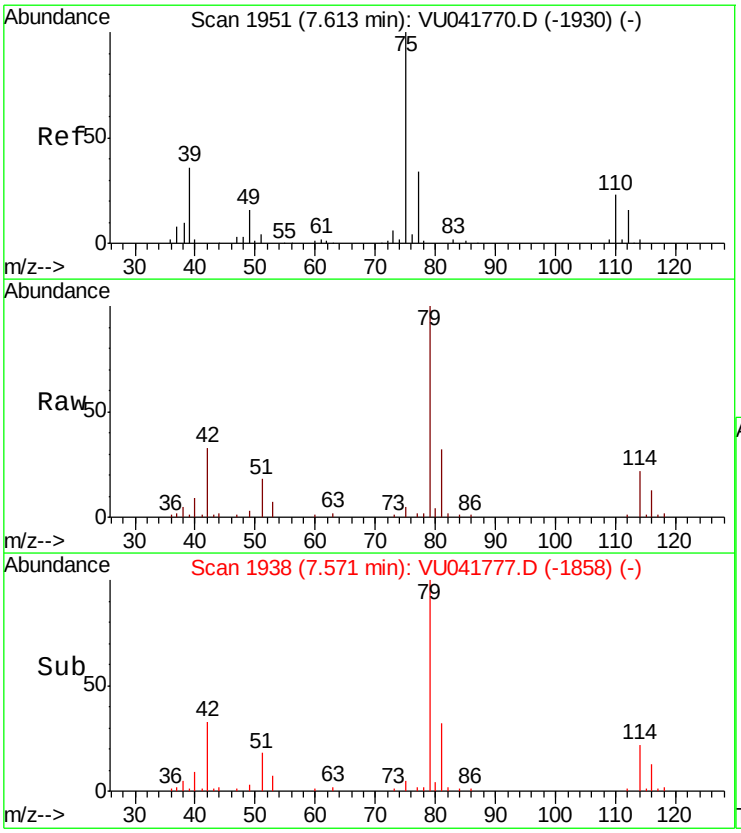
#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041777.D
Acq: 23 Dec 2020 13:10

Instrument : MSVOA_U
ClientSampleId : GB234DL

Tgt Ion: 63 Resp: 5339

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

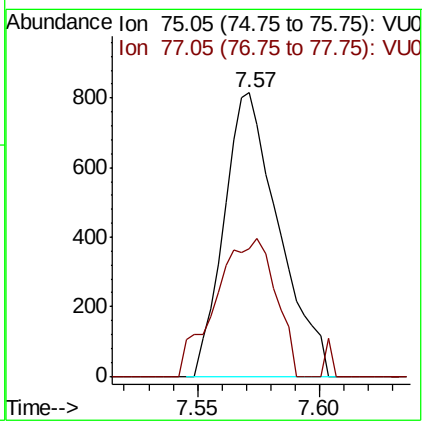


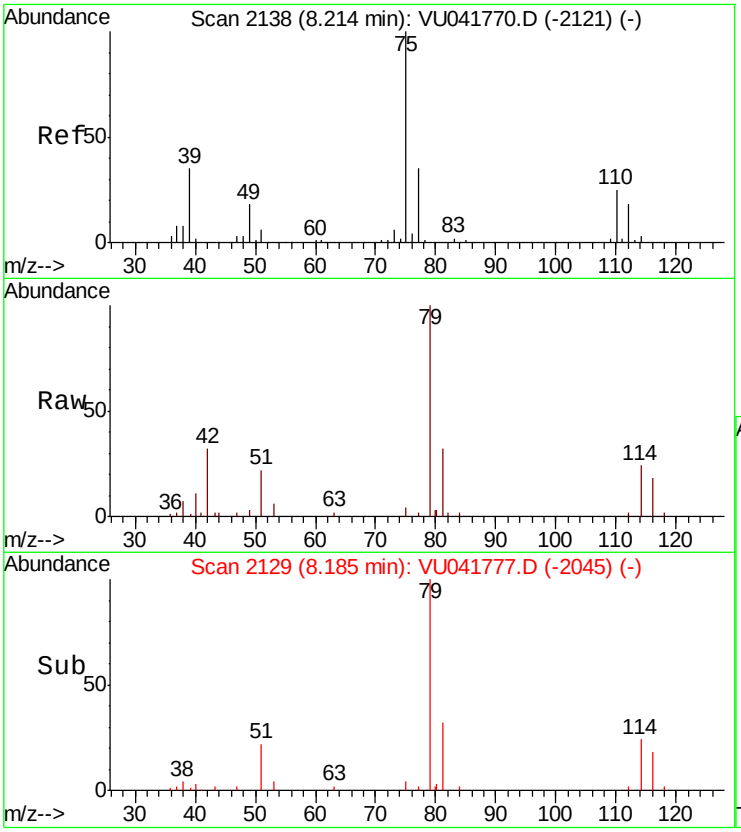


#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041777.D
Acq: 23 Dec 2020 13:10

Tgt Ion: 75 Resp: 1270

Ion	Ratio	Lower	Upper
75	100		
77	44.8	22.3	41.3#



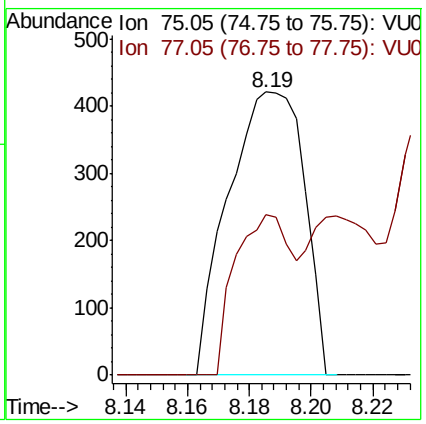


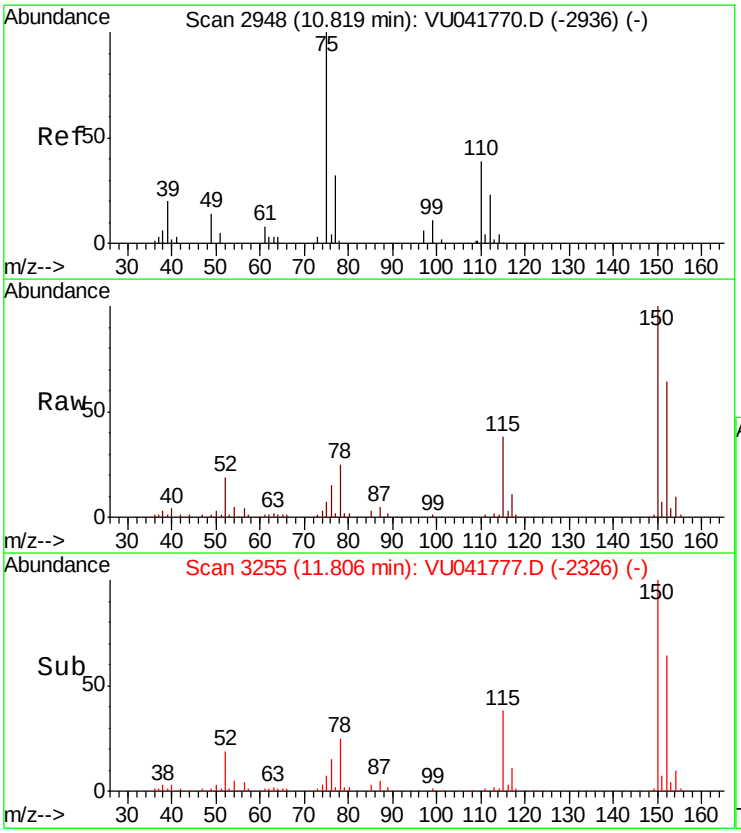
#44
trans-1,3-Dichloropropene
Concen: 0.054 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041777.D
Acq: 23 Dec 2020 13:10

Instrument : MSVOA_U
ClientSampleId : GB234DL

Tgt Ion: 75 Resp: 719

Ion	Ratio	Lower	Upper
75	100		
77	56.5	23.8	44.2#





#59
1,2,3-Trichloropropane
Concen: 0.774 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041777.D
Acq: 23 Dec 2020 13:10

Tgt Ion: 75 Resp: 5817

Ion	Ratio	Lower	Upper
75	100		
77	34.8	26.2	39.2