Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101220\
Data File : VU040651.D
Acq On : 12 Oct 2020 11:56
Operator : SY/MD
Sample : L4345-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAQX3

Quant Time: Oct 13 04:40:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 13 04:32:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127087	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56573	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	42240	4.01	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.20%			
7) Chloroethane-d5	1.92	69	37899	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.40%			
11) 1,1-Dichloroethene-d2	2.58	63	67997	3.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.00%			
20) 2-Butanone-d5	4.66	46	168683	50.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.12%			
24) Chloroform-d	5.08	84	87357	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.72	65	54679	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.74	84	163222	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.70	67	55138	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.90	98	128491	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.60%			
43) trans-1,3-Dichloropropene-	8.19	79	22256	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	8.64	63	114854	45.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.06%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46867	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51862	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.80%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	570	0.053	ug/L	96
8) Chloroethane	1.95	64	358	0.050	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	584	0.055	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	606	0.067	ug/L #	1
13) Acetone	2.67	43	39987	15.308	ug/L	99
25) Chloroform	5.11	83	4794	0.239	ug/L	96
27) 1,2-Dichloroethane	5.75	62	922	0.065	ug/L #	77
34) Trichloroethene	6.55	95	14344	1.320	ug/L	99
35) Methylcyclohexane	6.70	83	12860	0.835	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6574	0.563	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1521	0.095	ug/L #	81
44) trans-1,3-Dichloropropene	8.18	75	1122	0.076	ug/L #	63
47) Tetrachloroethene	8.56	164	5137	0.663	ug/L	95
49) Dibromochloromethane	8.56	129	5226	0.519	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	7289	0.850	ug/L #	86
68) 1,2,4-trichlorobenzene	13.83	180	311	0.031	ug/L #	74

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101220\
Data File : VU040651.D
Acq On : 12 Oct 2020 11:56
Operator : SY/MD
Sample : L4345-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAQX3

Quant Time: Oct 13 04:40:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 13 04:32:46 2020
Response via : Initial Calibration

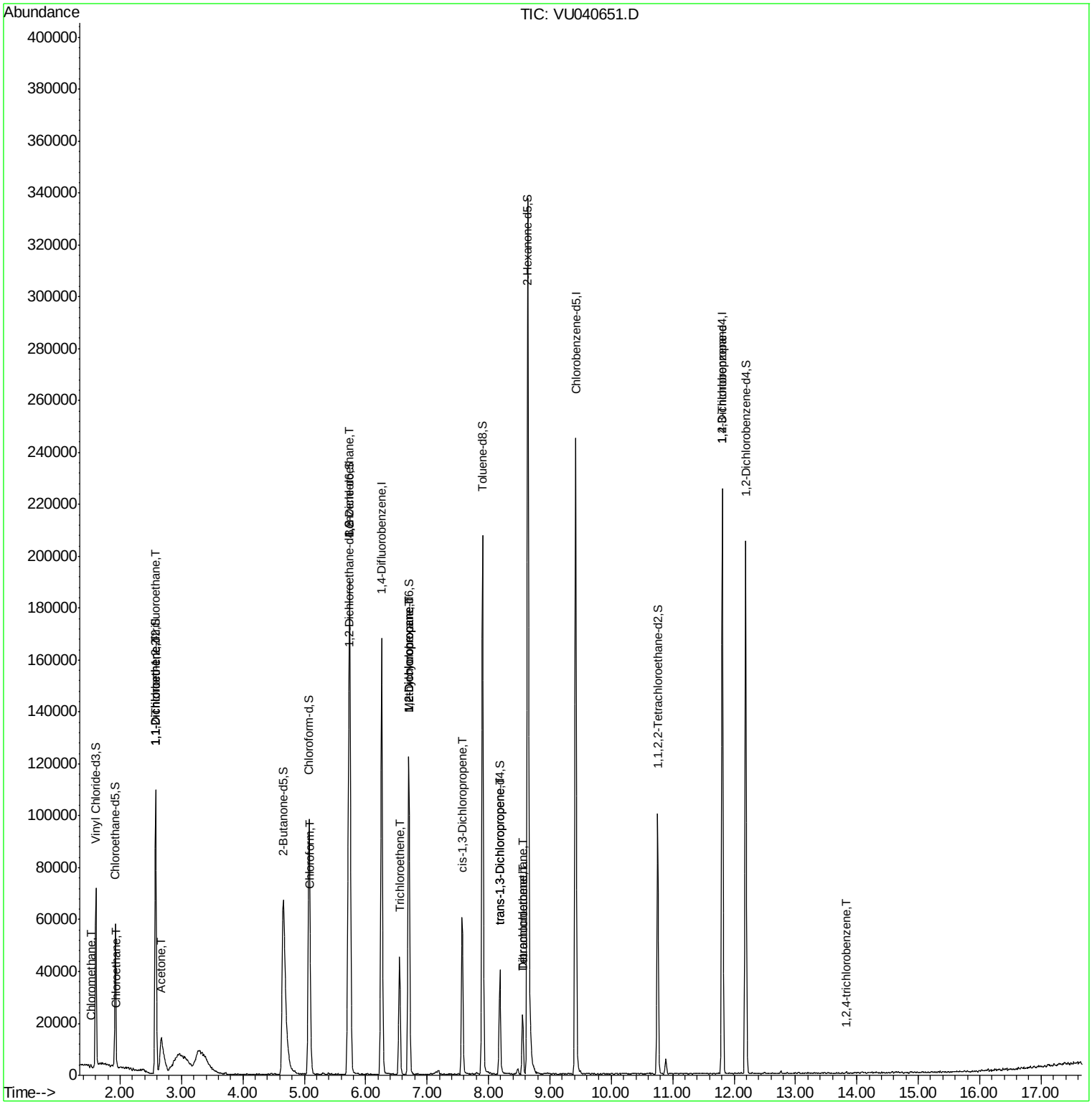
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

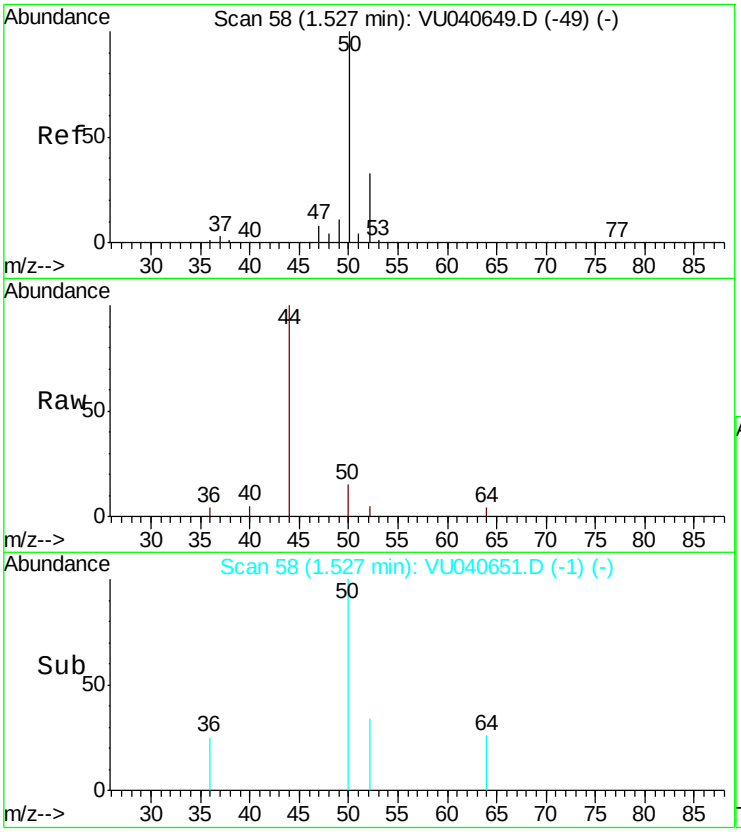
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101220\
Data File : VU040651.D
Acq On : 12 Oct 2020 11:56
Operator : SY/MD
Sample : L4345-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAQX3

Quant Time: Oct 13 04:40:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 13 04:32:46 2020
Response via : Initial Calibration



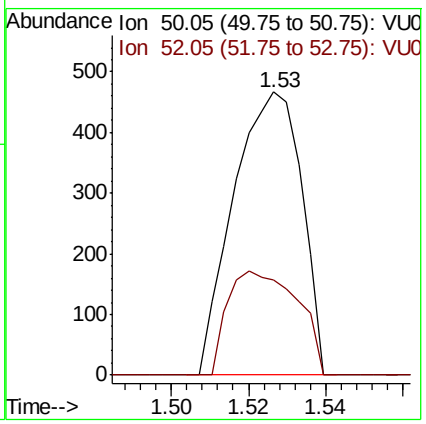


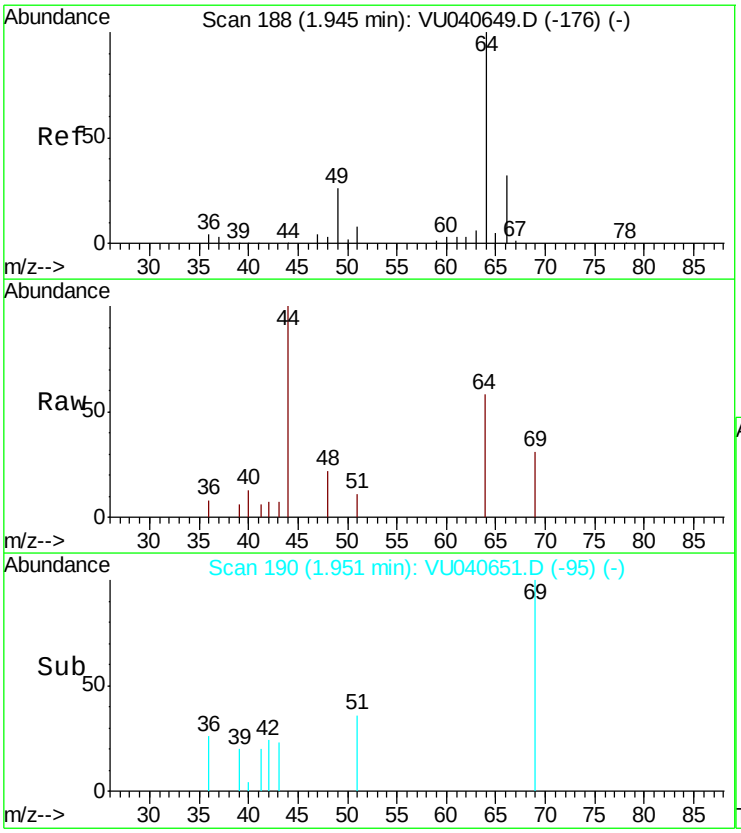
#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Instrument :
MSVOA_U
ClientSampleId :
YAQX3

Tgt Ion: 50 Resp: 570

Ion	Ratio	Lower	Upper
50	100		
52	33.6	21.9	40.7

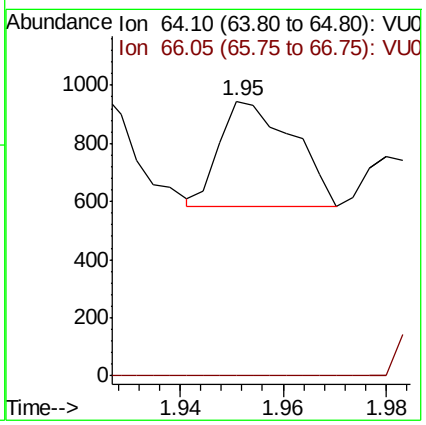


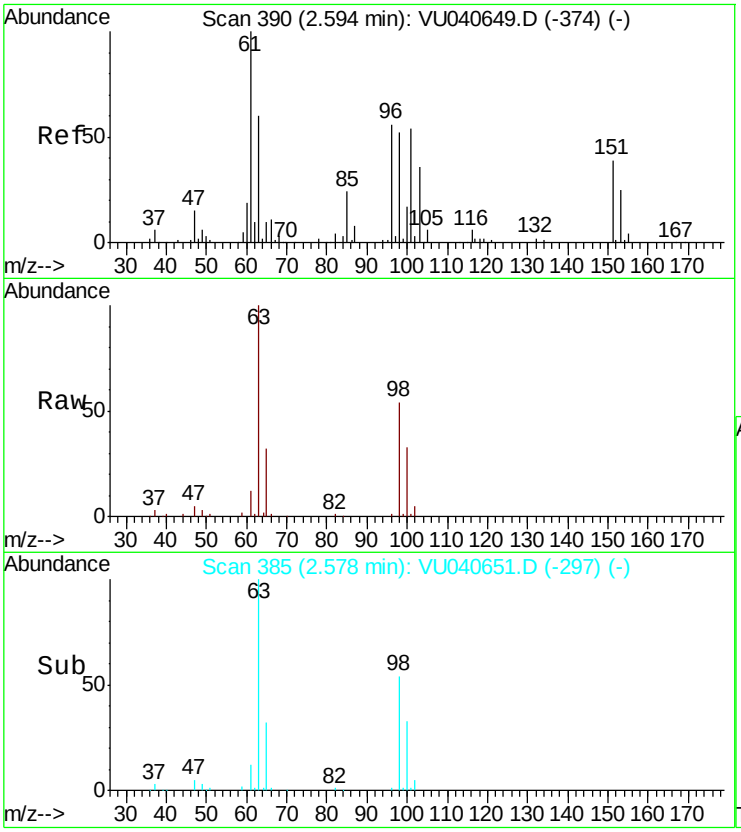


#8
Chloroethane
Concen: 0.050 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Tgt Ion: 64 Resp: 358

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.3	43.3#



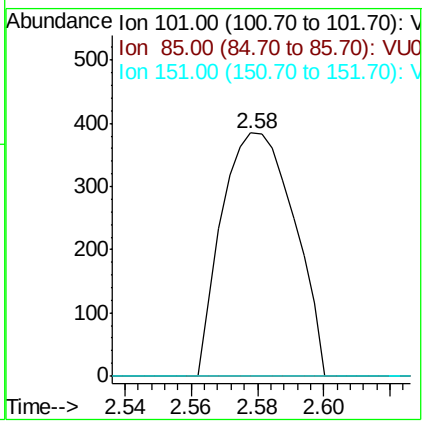


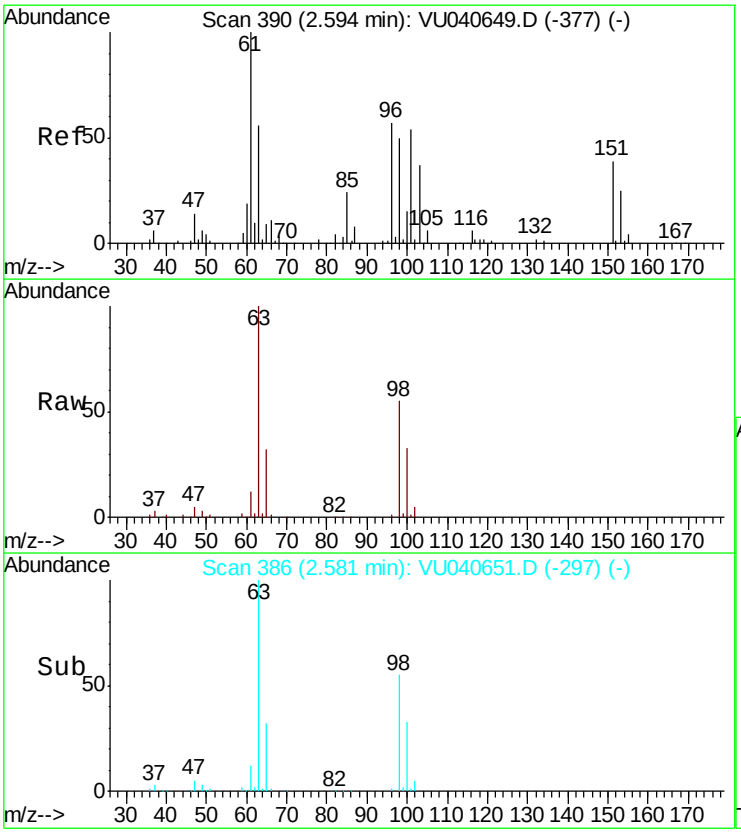
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Instrument : MSVOA_U
ClientSampleId : YAQX3

Tgt Ion:101 Resp: 584

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.7	55.1#
151	0.0	58.0	87.0#

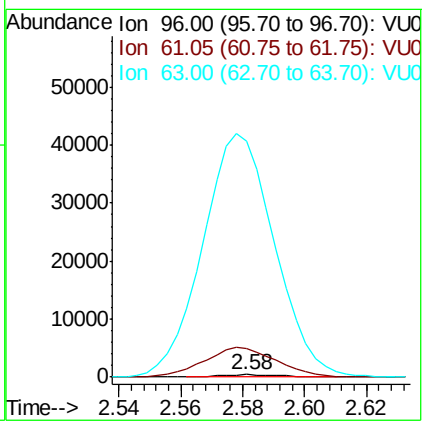


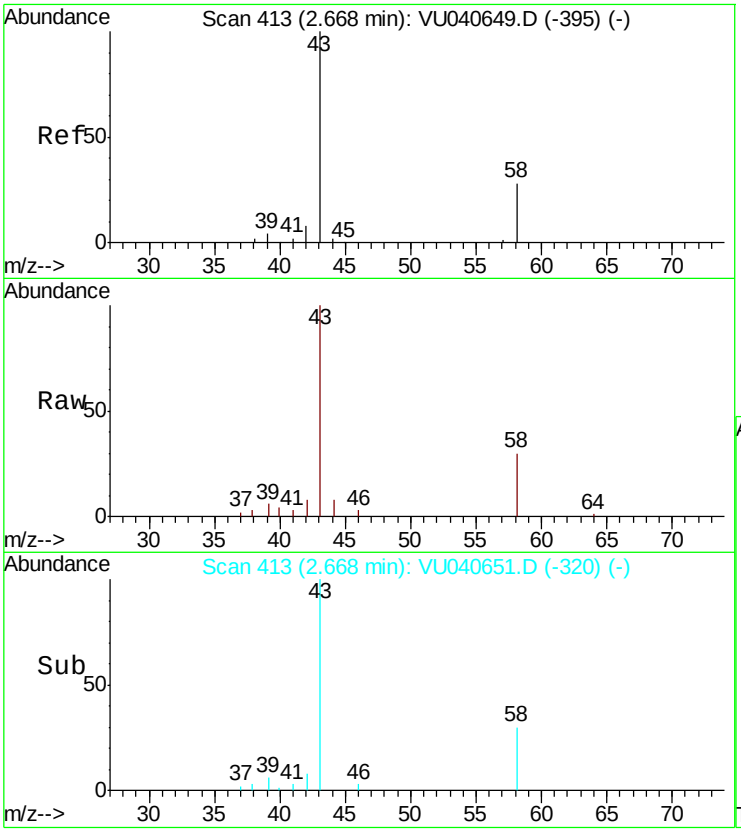


#12
1,1-Dichloroethene
Concen: 0.067 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Tgt Ion: 96 Resp: 606

Ion	Ratio	Lower	Upper
96	100		
61	1201.5	128.8	239.2#
63	9824.7	84.6	157.2#



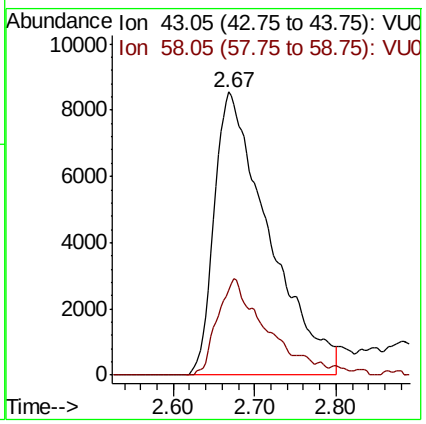


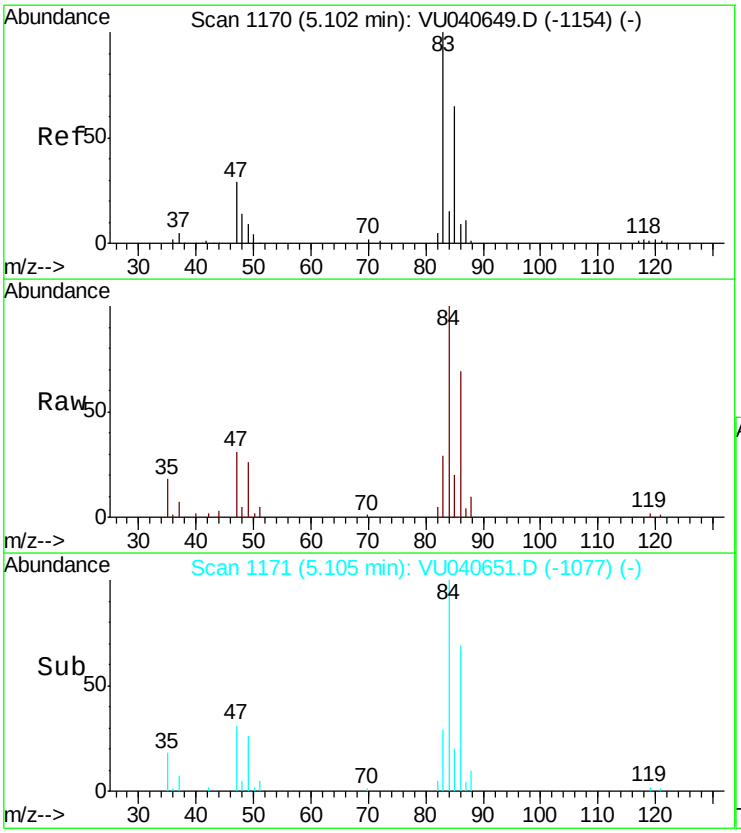
#13
Acetone
Concen: 15.308 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.00 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Instrument :
MSVOA_U
ClientSampleId :
YAQX3

Tgt Ion: 43 Resp: 39987

Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	60.6

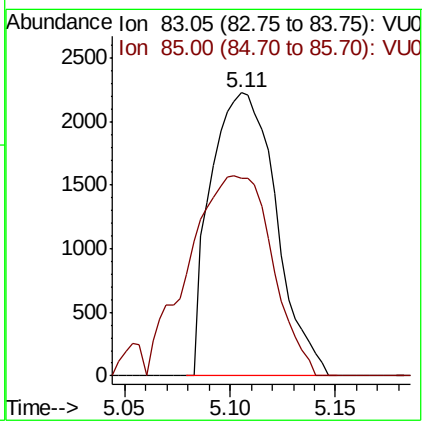


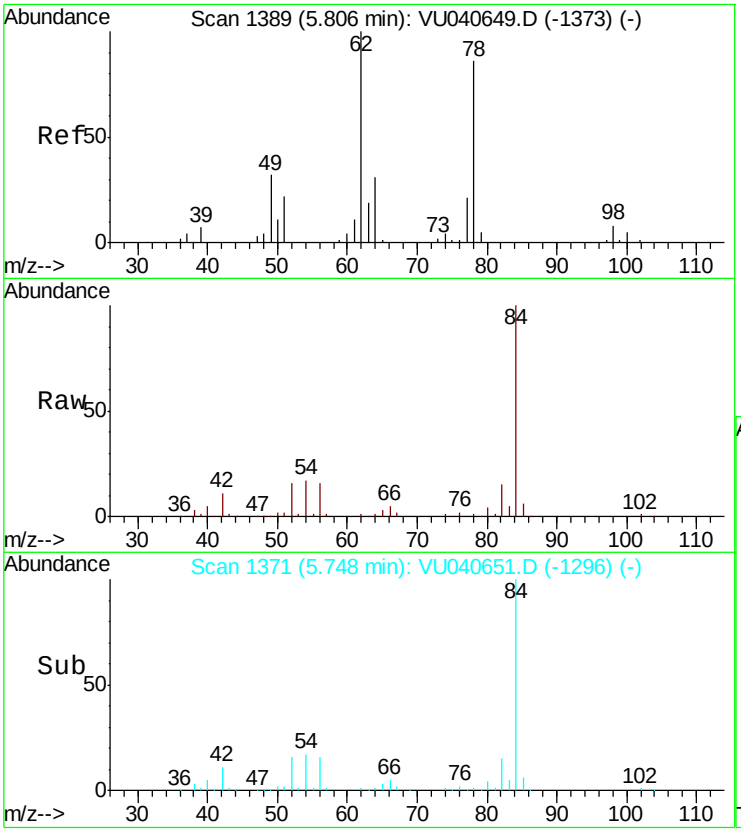


#25
Chloroform
Concen: 0.239 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Tgt Ion: 83 Resp: 4794

Ion	Ratio	Lower	Upper
83	100		
85	70.0	46.5	86.5



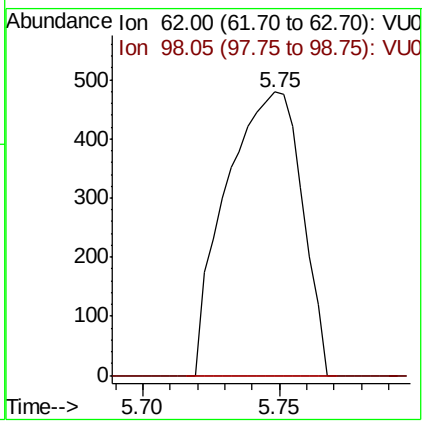


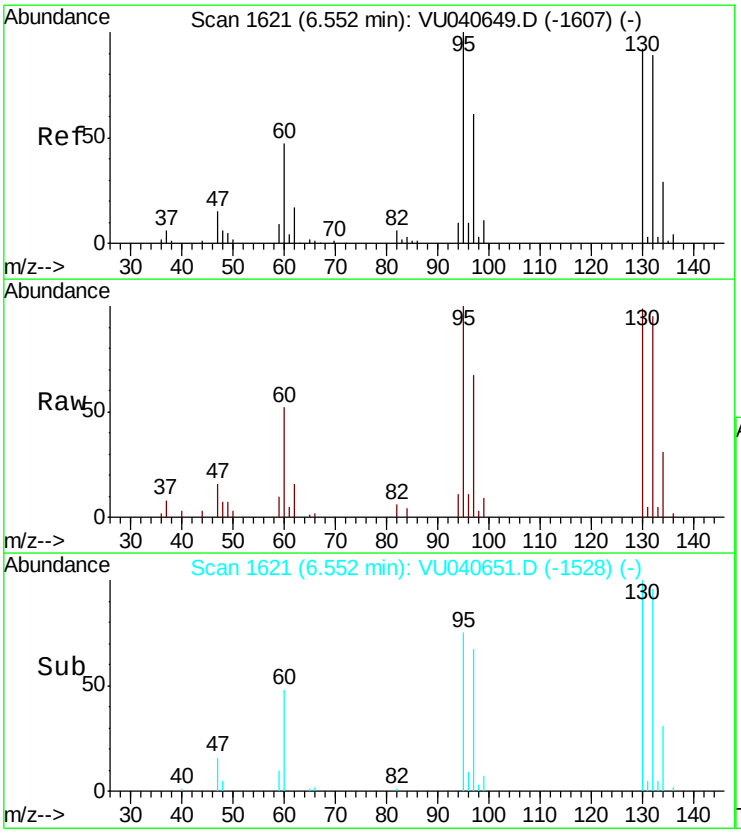
#27
1,2-Dichloroethane
Concen: 0.065 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Instrument : MSVOA_U
ClientSampleId : YAQX3

Tgt Ion: 62 Resp: 922

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

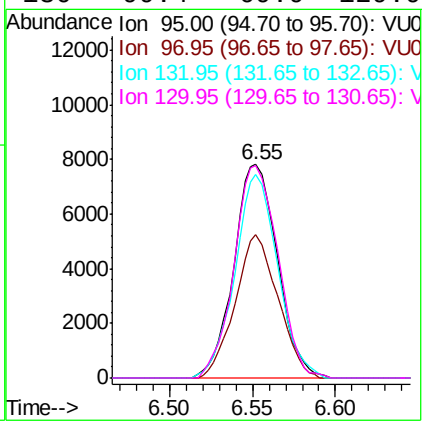


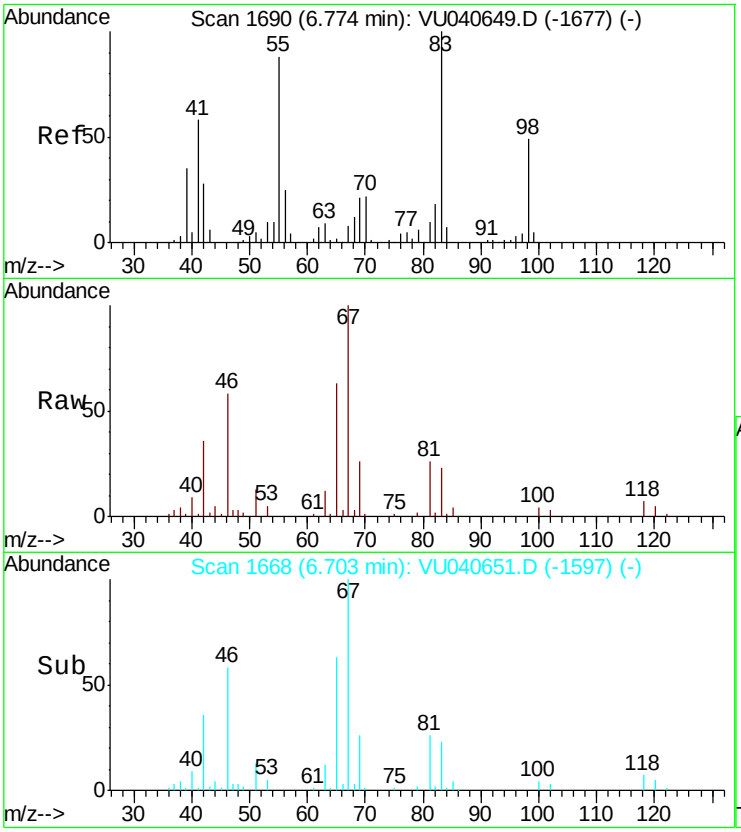


#34
Trichloroethene
Concen: 1.320 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Tgt Ion: 95 Resp: 14344

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.5	84.5
132	95.4	67.5	125.4
130	99.4	69.9	129.9



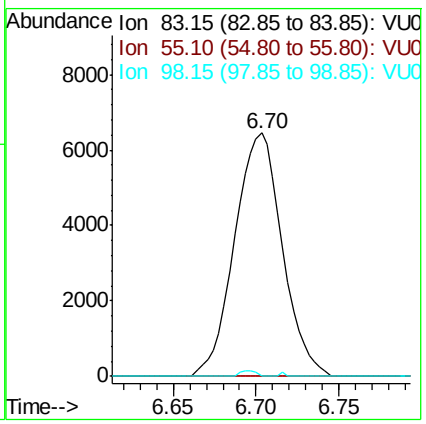


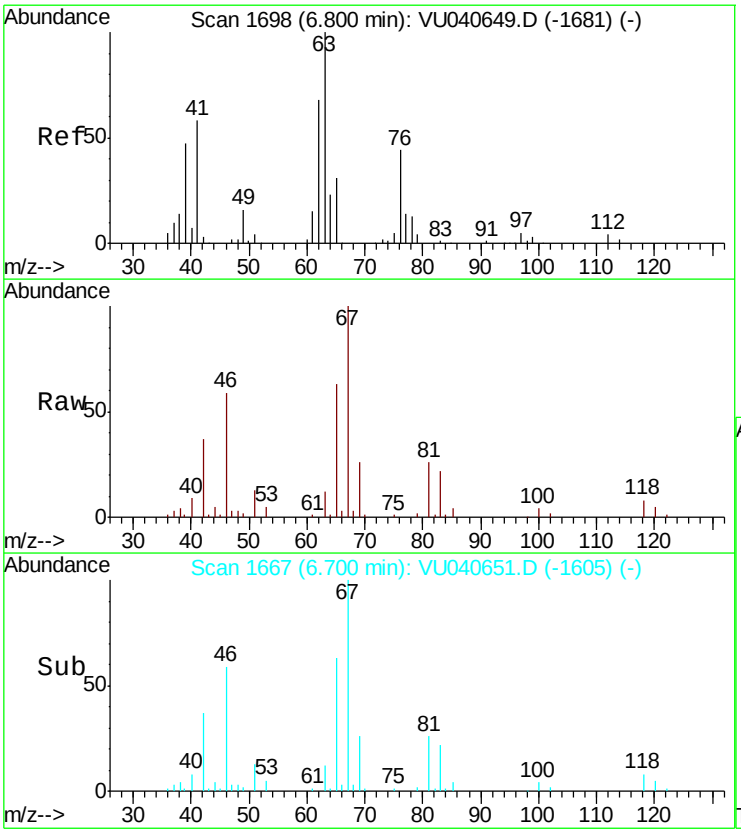
#35
Methylcyclohexane
Concen: 0.835 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Instrument : MSVOA_U
ClientSampleId : YAQX3

Tgt Ion: 83 Resp: 12860

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.7	38.4	57.6#

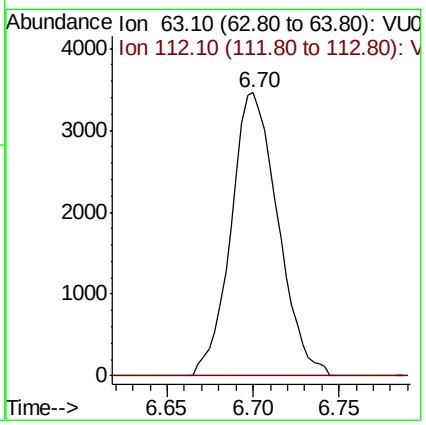


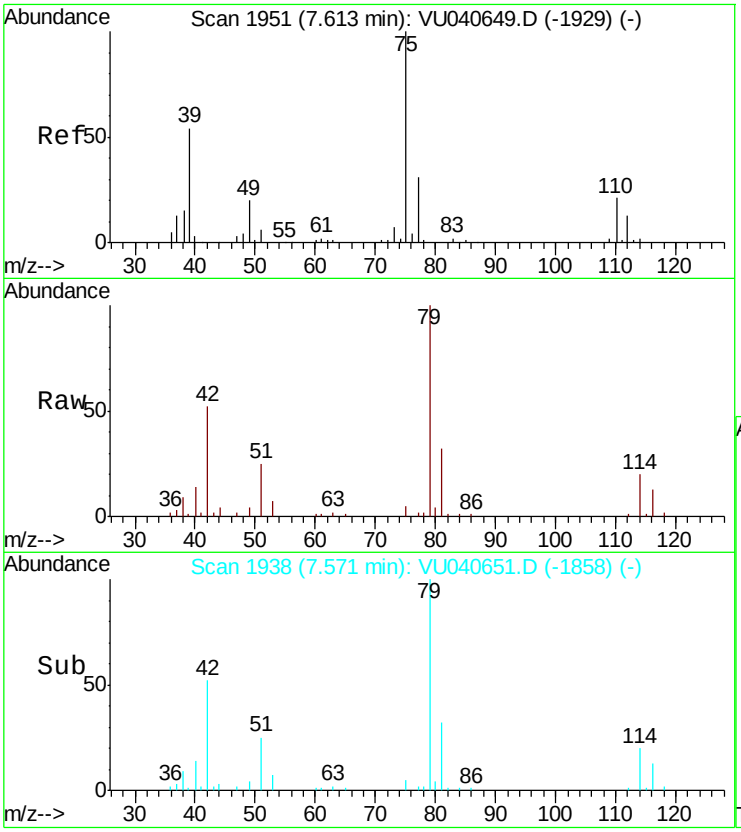


#37
1,2-Dichloropropane
Concen: 0.563 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Tgt Ion: 63 Resp: 6574

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



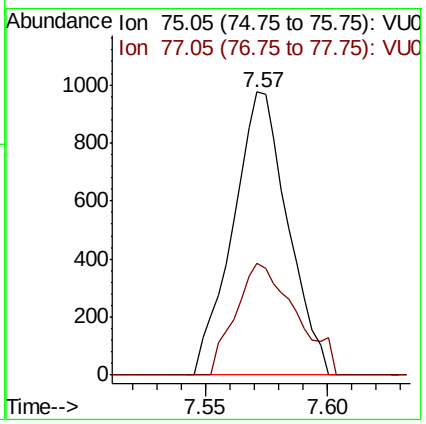


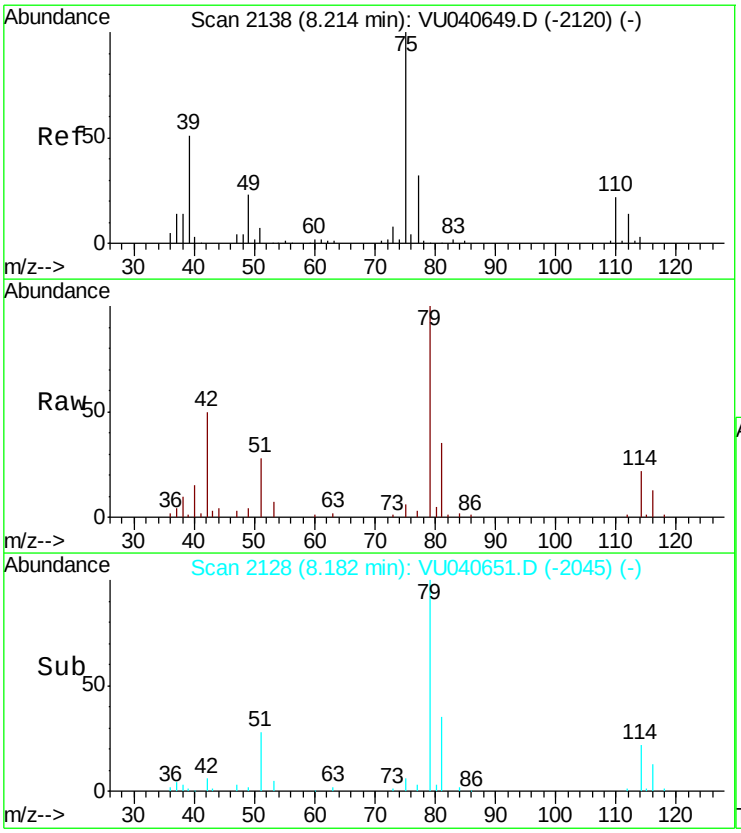
#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Instrument :
MSVOA_U
ClientSampleId :
YAQX3

Tgt Ion: 75 Resp: 1521

Ion	Ratio	Lower	Upper
75	100		
77	39.5	20.5	38.1#

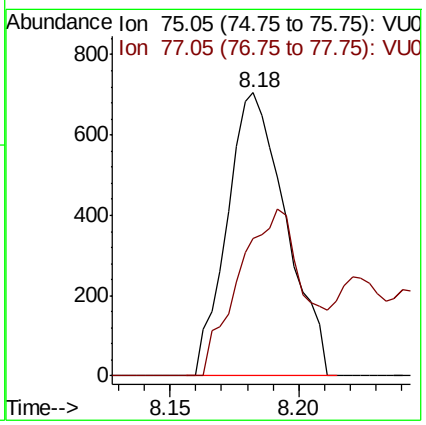


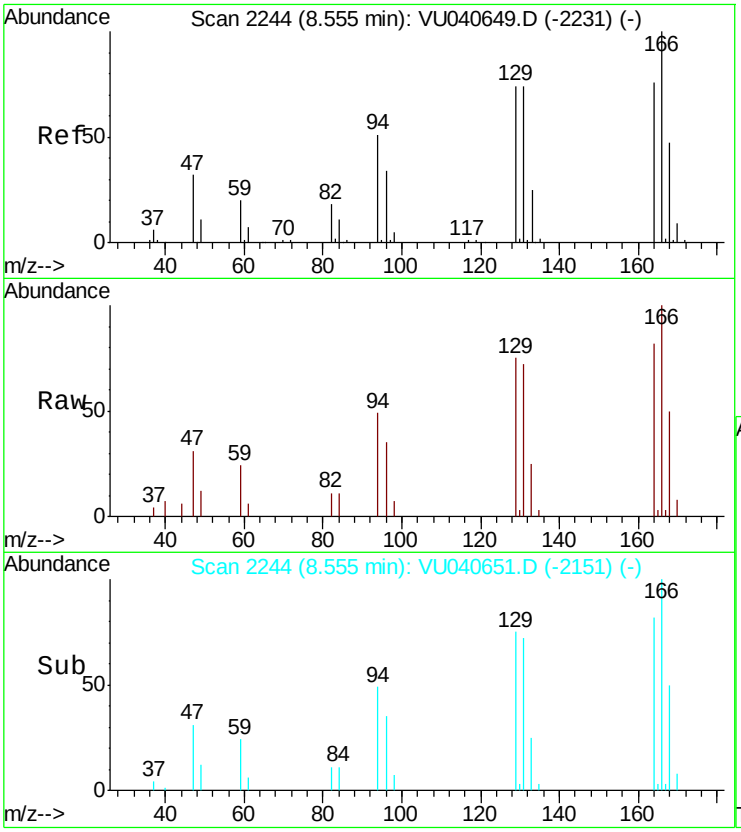


#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Tgt Ion: 75 Resp: 1122

Ion	Ratio	Lower	Upper
75	100		
77	48.8	20.4	38.0#



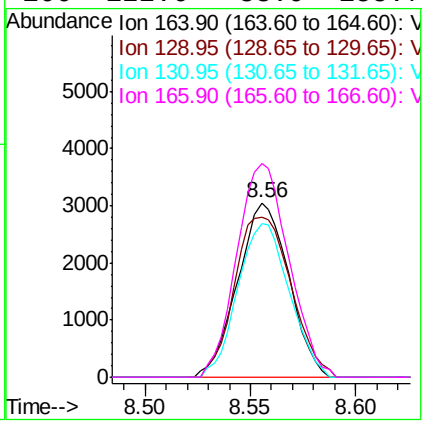


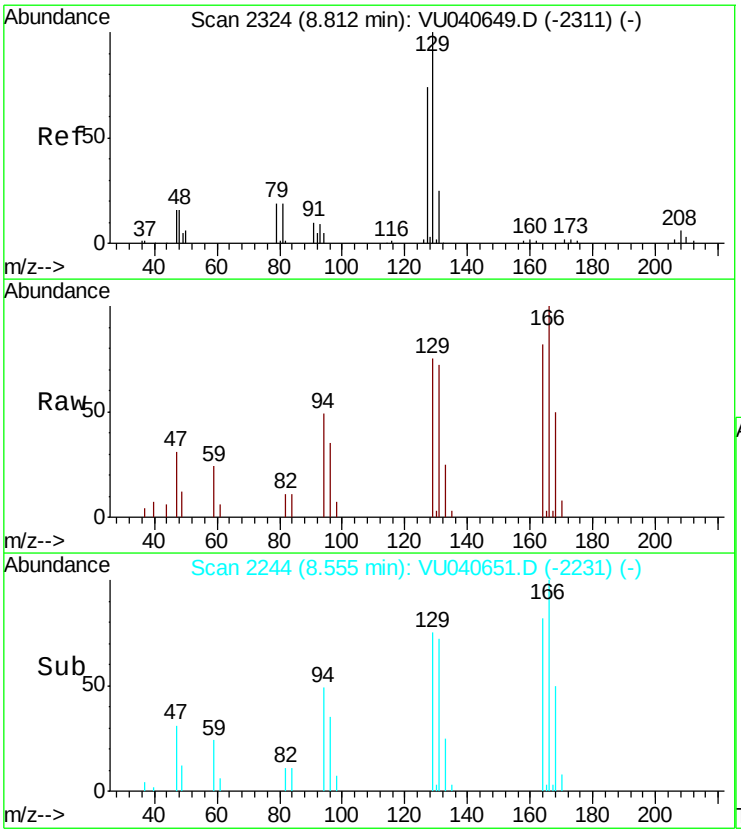
#47
Tetrachloroethene
Concen: 0.663 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Instrument : MSVOA_U
ClientSampleId : YAQX3

Tgt Ion:164 Resp: 5137

Ion	Ratio	Lower	Upper
164	100		
129	91.6	68.8	127.8
131	88.3	66.7	123.9
166	122.6	83.9	155.7

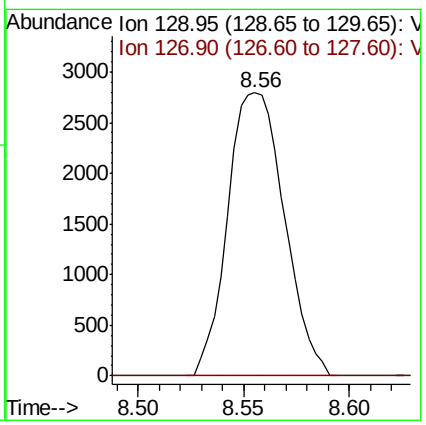


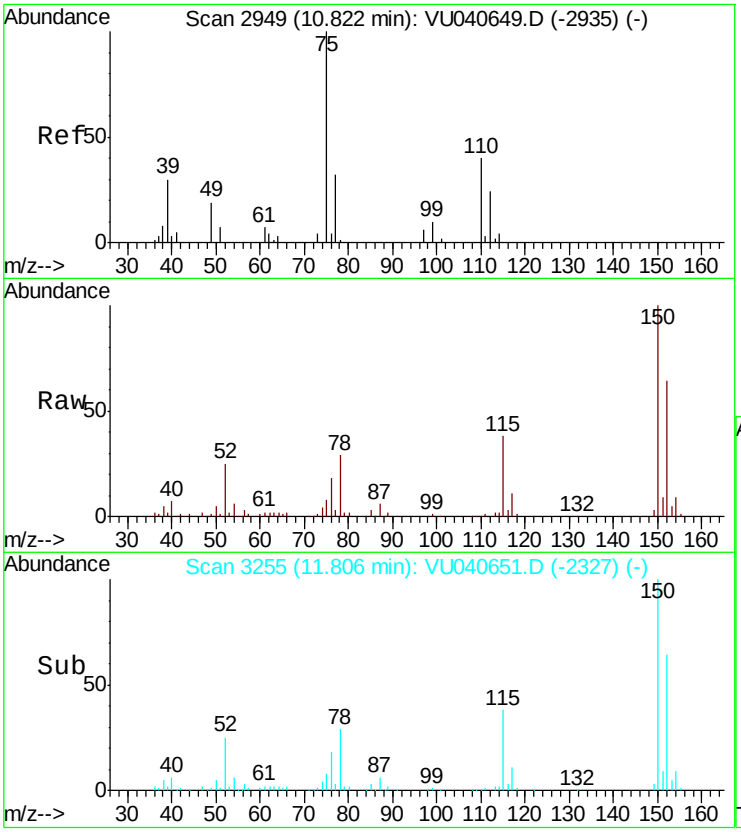


#49
Dibromochloromethane
Concen: 0.519 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Tgt Ion:129 Resp: 5226

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#



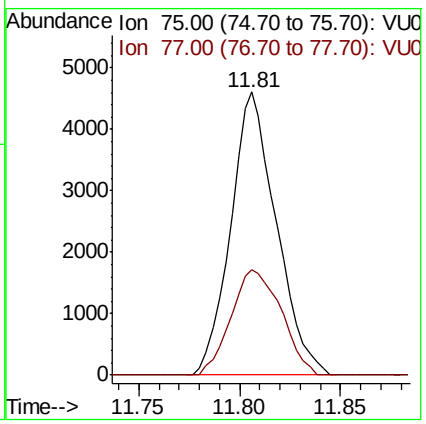


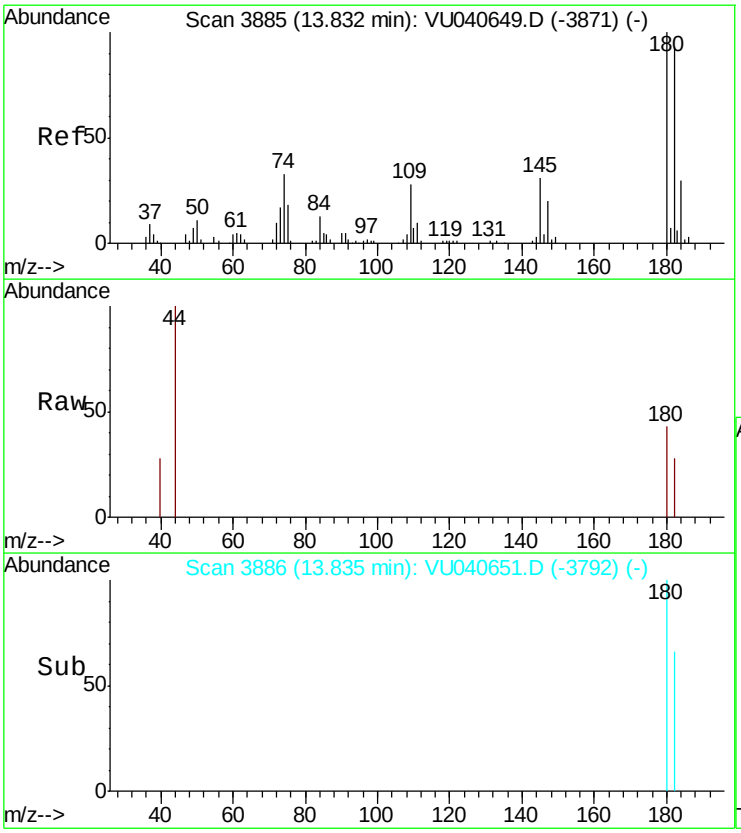
#59
1,2,3-Trichloropropane
Concen: 0.850 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Instrument :
MSVOA_U
ClientSampleId :
YAQX3

Tgt Ion: 75 Resp: 7289

Ion	Ratio	Lower	Upper
75	100		
77	40.9	26.4	39.6#





#68
1,2,4-trichlorobenzene
Concen: 0.031 ug/L
RT: 13.83 min Scan# 3886
Delta R.T. 0.00 min
Lab File: VU040651.D
Acq: 12 Oct 2020 11:56

Tgt Ion:180 Resp: 311

Ion	Ratio	Lower	Upper
180	100		
182	83.3	78.8	118.2
145	0.0	26.1	39.1#