Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122320\
Data File : VU041774.D
Acq On : 23 Dec 2020 11:58
Operator : SY/MD
Sample : L5161-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB240

Quant Time: Dec 24 01:09:48 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	141655	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	138692	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57887	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	39081	3.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.60%			
7) Chloroethane-d5	1.92	69	40658	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.58	63	56276	2.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.20%#			
20) 2-Butanone-d5	4.66	46	132317	41.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.18%			
24) Chloroform-d	5.08	84	76605	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.80%			
26) 1,2-Dichloroethane-d4	5.72	65	43281	4.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.40%			
32) Benzene-d6	5.74	84	146942	3.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.00%			
36) 1,2-Dichloropropane-d6	6.70	67	48172	3.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 77.40%			
41) Toluene-d8	7.90	98	121208	3.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.60%#			
43) trans-1,3-Dichloropropene-	8.19	79	19107	3.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.20%			
46) 2-Hexanone-d5	8.64	63	113338	37.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.06%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45250	4.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	45668	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.80%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	520	0.053	ug/L #	22
13) Acetone	2.66	43	50203	24.811	ug/L	95
16) Methylene chloride	3.05	84	1372	0.120	ug/L	85
21) 2-Butanone	4.74	43	3978	1.207	ug/L	89
25) Chloroform	5.11	83	8429	0.451	ug/L	98
27) 1,2-Dichloroethane	5.74	62	825	0.065	ug/L #	73
31) Carbon tetrachloride	5.54	117	18769	1.363	ug/L	100
34) Trichloroethene	6.56	95	3193	0.286	ug/L	91
35) Methylcyclohexane	6.70	83	11309	0.628	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5148	0.454	ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	689	0.046	ug/L	89
59) 1,2,3-Trichloropropane	11.81	75	6223	0.730	ug/L	98

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

Quantitation Report (Not Reviewed)

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Instrument :
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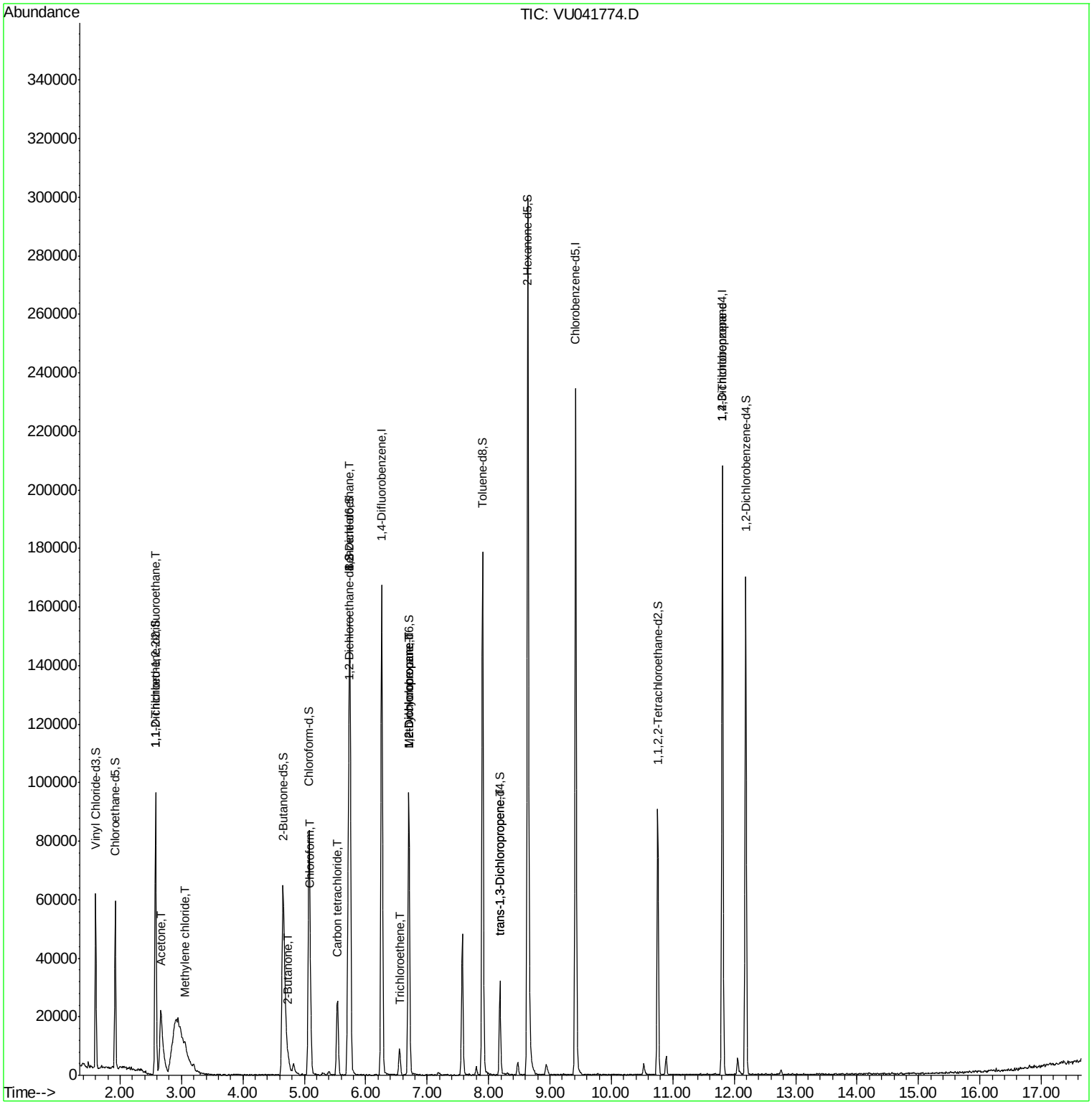
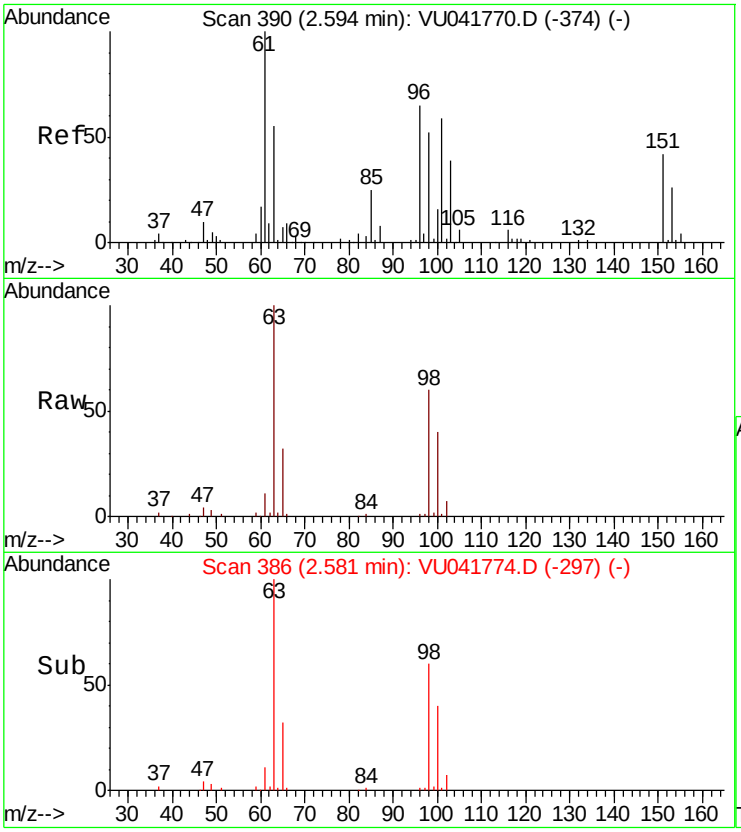
ClientSampleId :
GB240

Quant Time: Dec 24 01:09:48 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



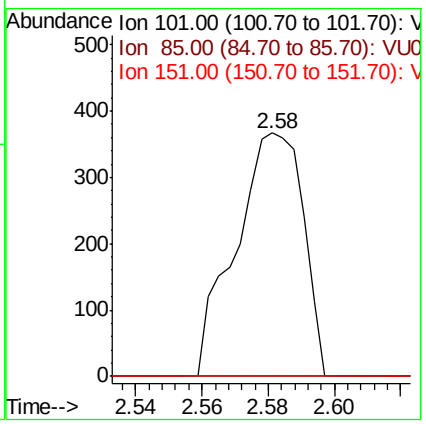


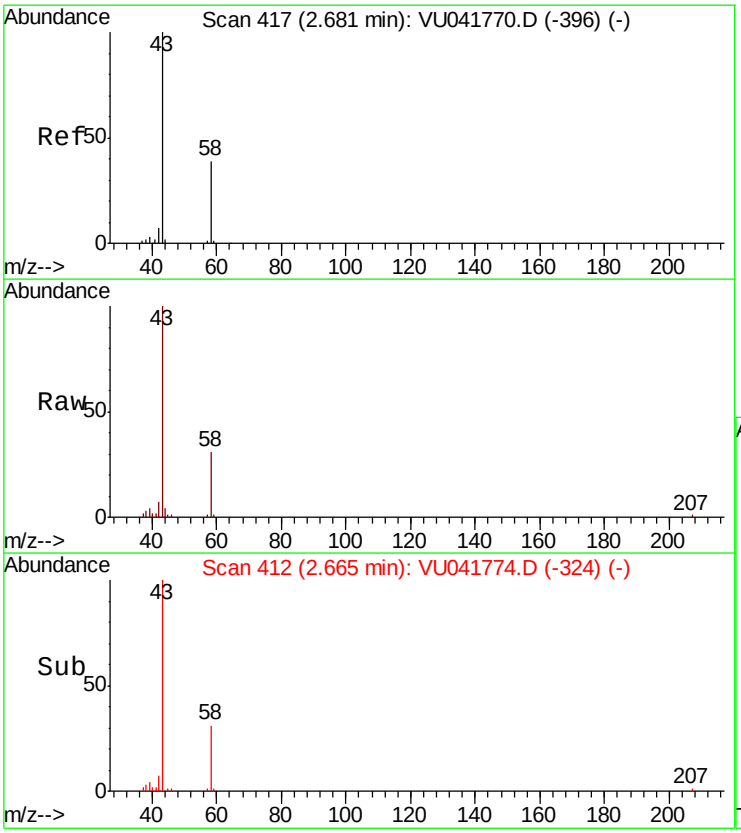
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041774.D
Acq: 23 Dec 2020 11:58

Instrument : MSVOA_U
ClientSampleId : GB240

Tgt Ion:101 Resp: 520

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

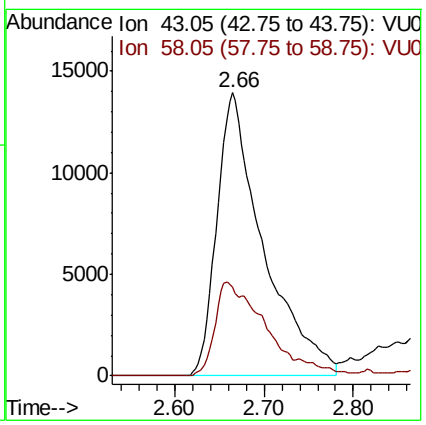


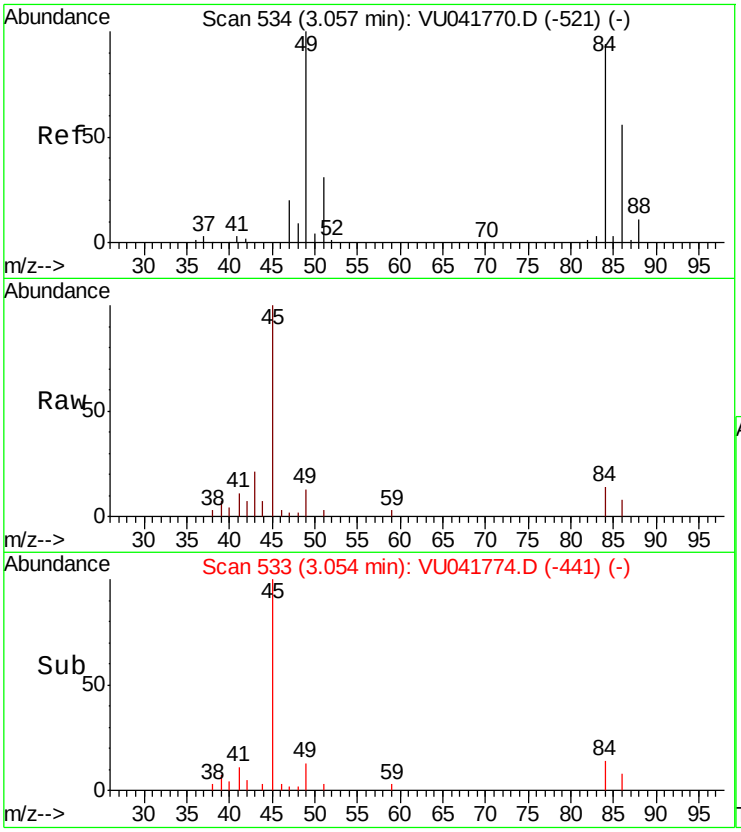


#13
Acetone
Concen: 24.811 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.02 min
Lab File: VU041774.D
Acq: 23 Dec 2020 11:58

Tgt Ion: 43 Resp: 50203

Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	73.2



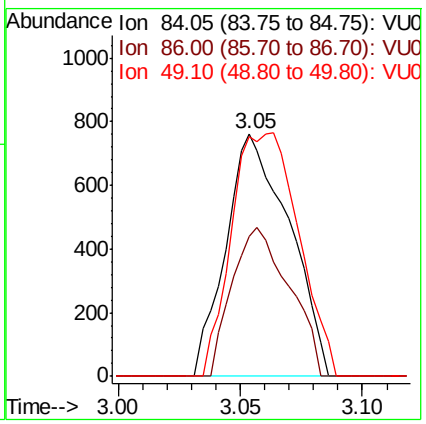


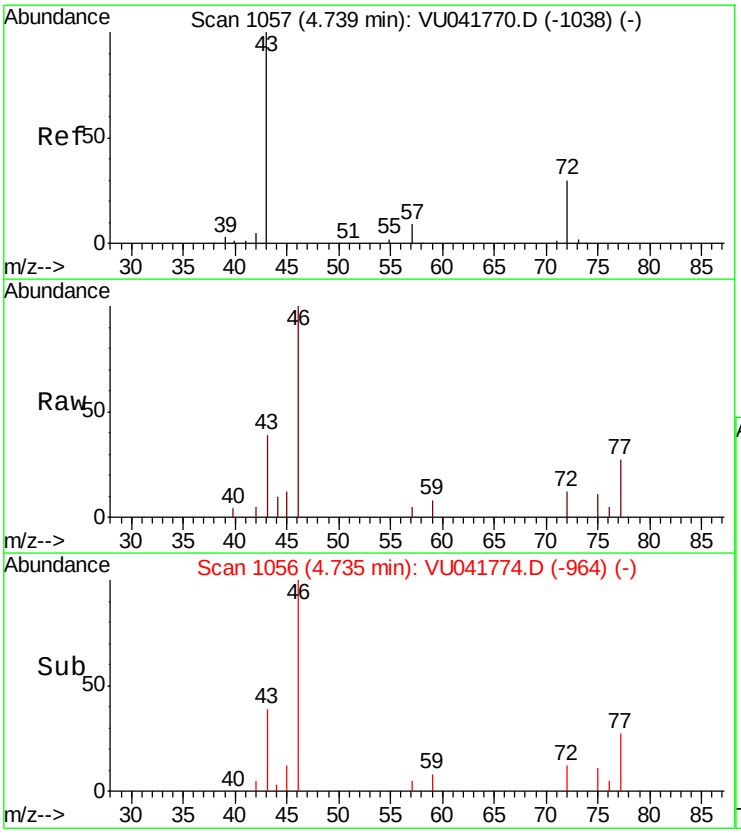
#16
Methylene chloride
Concen: 0.120 ug/L
RT: 3.05 min Scan# 533
Delta R.T. -0.00 min
Lab File: VU041774.D
Acq: 23 Dec 2020 11:58

Instrument : MSVOA_U
ClientSampleId : GB240

Tgt Ion: 84 Resp: 1372

Ion	Ratio	Lower	Upper
84	100		
86	57.6	45.1	83.7
49	98.7	83.1	154.3

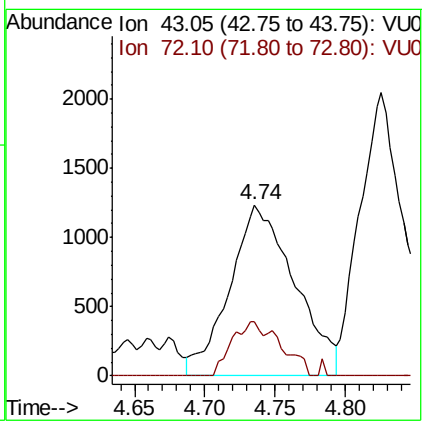


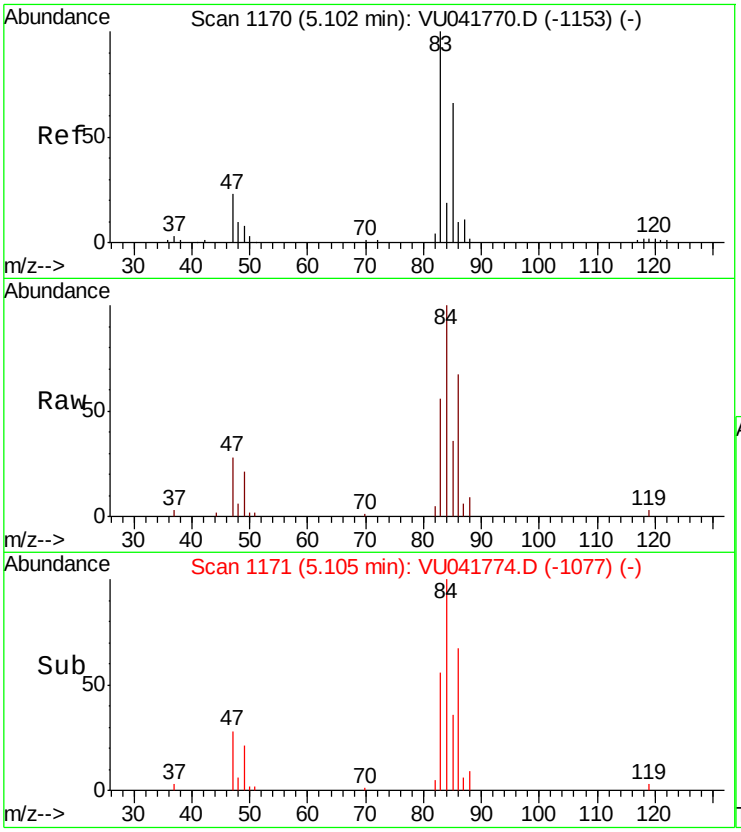


#21
2-Butanone
Concen: 1.207 ug/L
RT: 4.74 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VU041774.D
Acq: 23 Dec 2020 11:58

Tgt Ion: 43 Resp: 3978

Ion	Ratio	Lower	Upper
43	100		
72	23.7	14.6	44.0



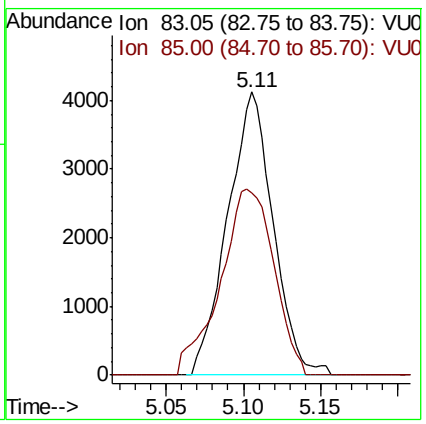


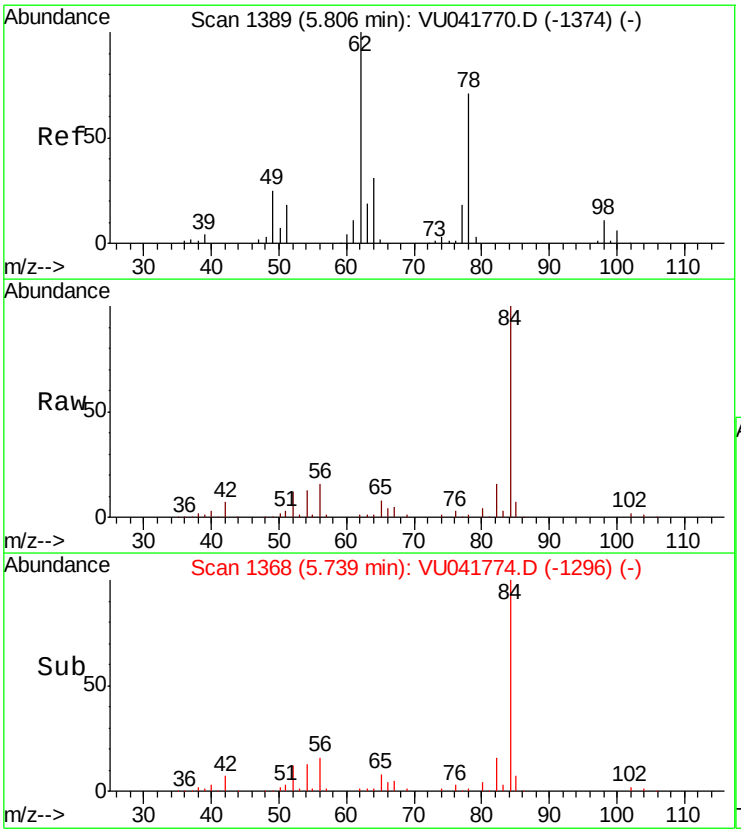
#25
Chloroform
Concen: 0.451 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041774.D
Acq: 23 Dec 2020 11:58

Instrument : MSVOA_U
ClientSampleId : GB240

Tgt Ion: 83 Resp: 8429

Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.2	82.0

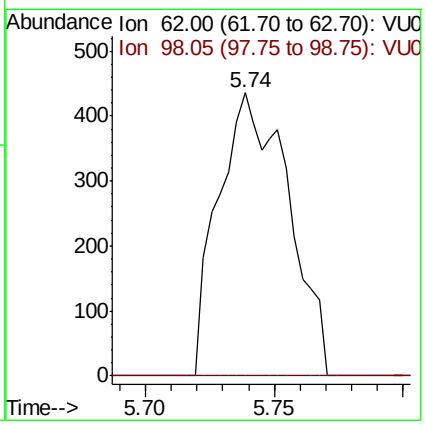


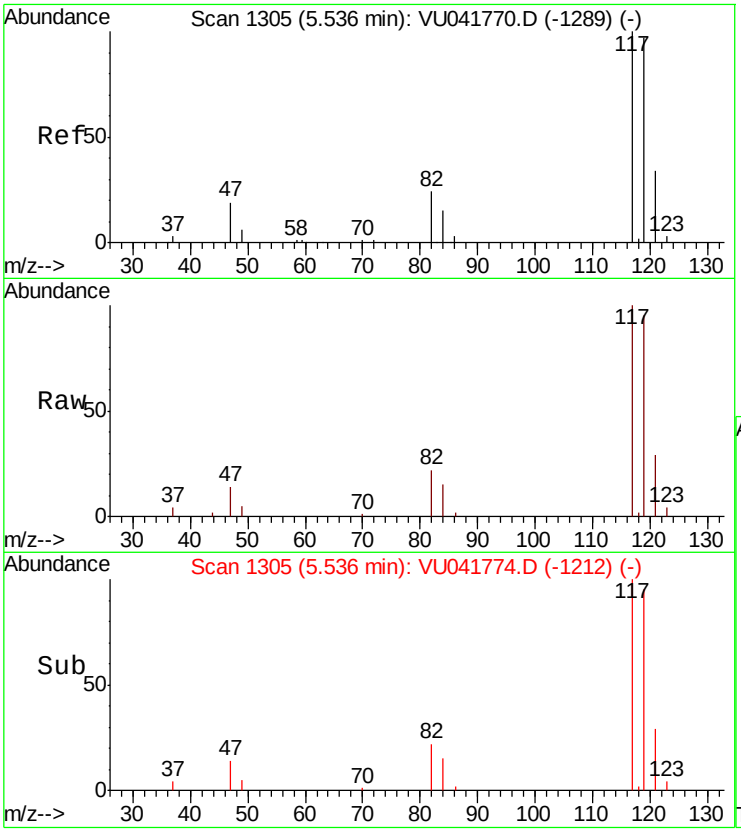


#27
1,2-Dichloroethane
Concen: 0.065 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041774.D
Acq: 23 Dec 2020 11:58

Tgt Ion: 62 Resp: 825

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.2#



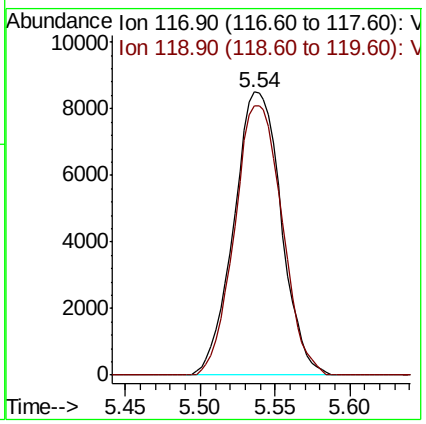


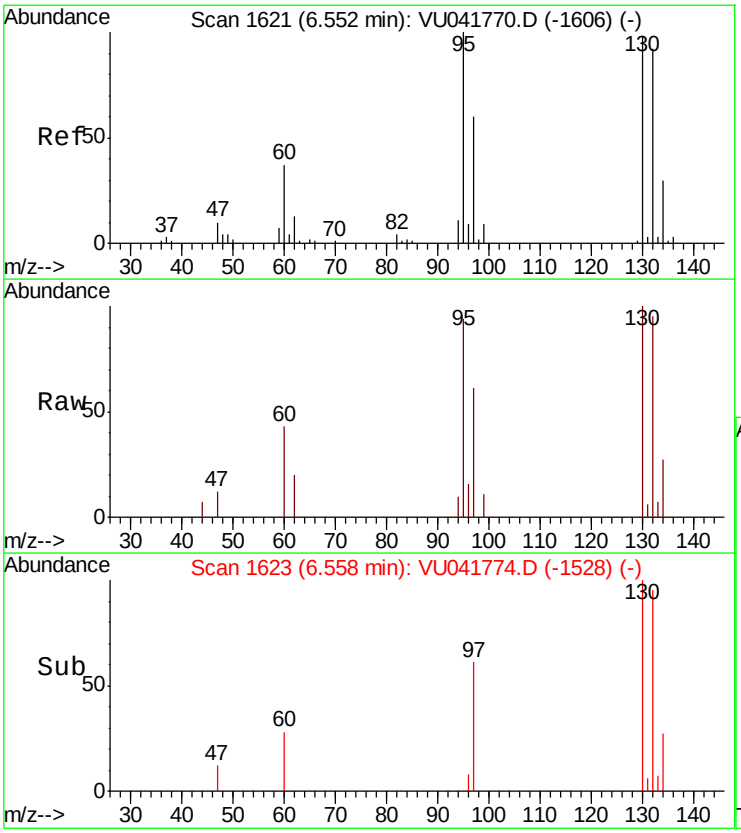
#31
Carbon tetrachloride
Concen: 1.363 ug/L
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU041774.D
Acq: 23 Dec 2020 11:58

Instrument :
MSVOA_U
ClientSampleId :
GB240

Tgt Ion:117 Resp: 18769

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.2	114.2

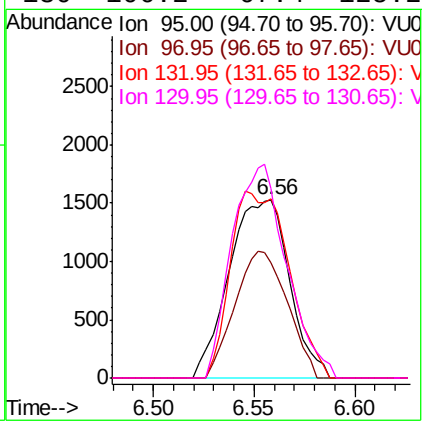


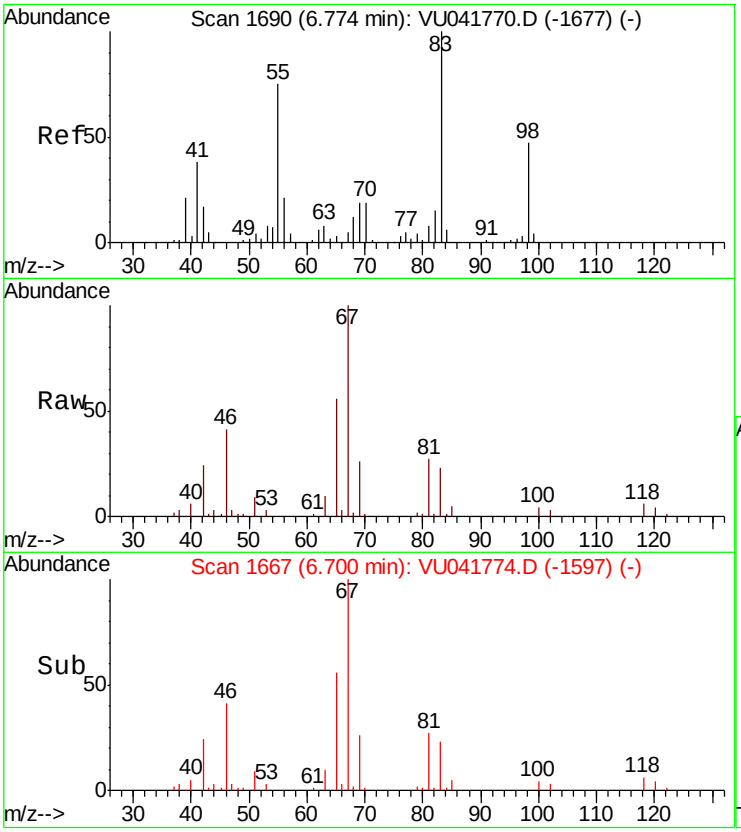


#34
Trichloroethene
Concen: 0.286 ug/L
RT: 6.56 min Scan# 1623
Delta R.T. 0.01 min
Lab File: VU041774.D
Acq: 23 Dec 2020 11:58

Tgt Ion: 95 Resp: 3193

Ion	Ratio	Lower	Upper
95	100		
97	64.9	43.9	81.5
132	100.6	63.1	117.3
130	106.2	67.4	125.2



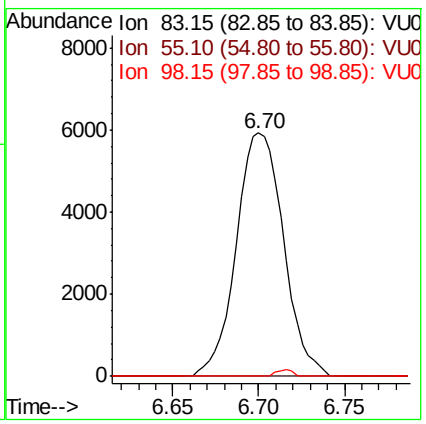


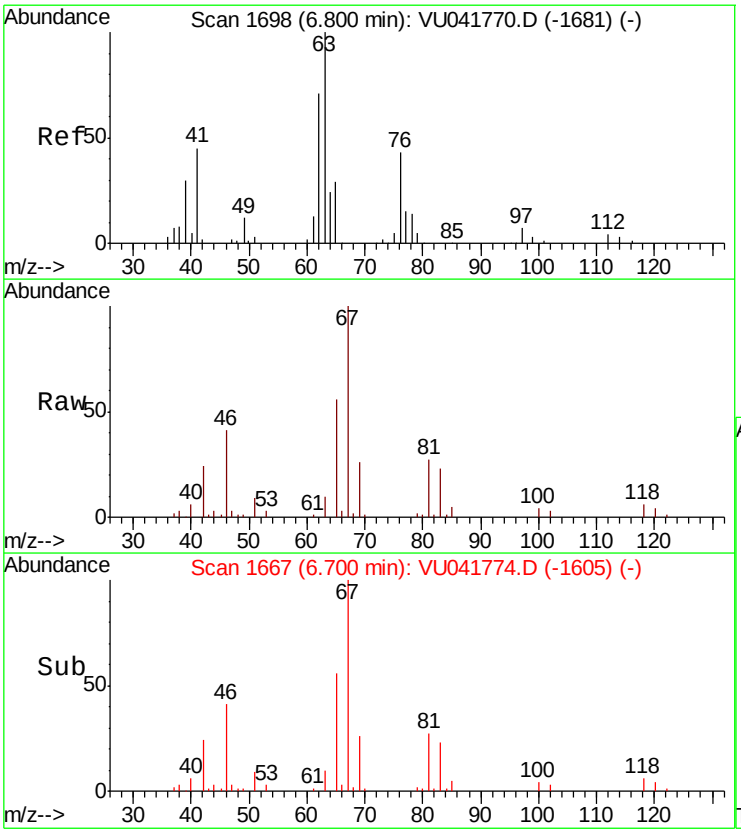
#35
Methylcyclohexane
Concen: 0.628 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041774.D
Acq: 23 Dec 2020 11:58

Instrument : MSVOA_U
ClientSampleId : GB240

Tgt Ion: 83 Resp: 11309

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.9	36.6	54.8#

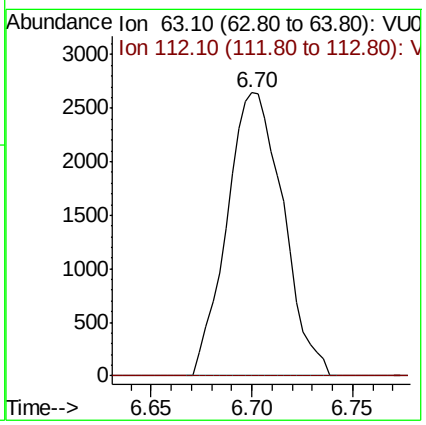


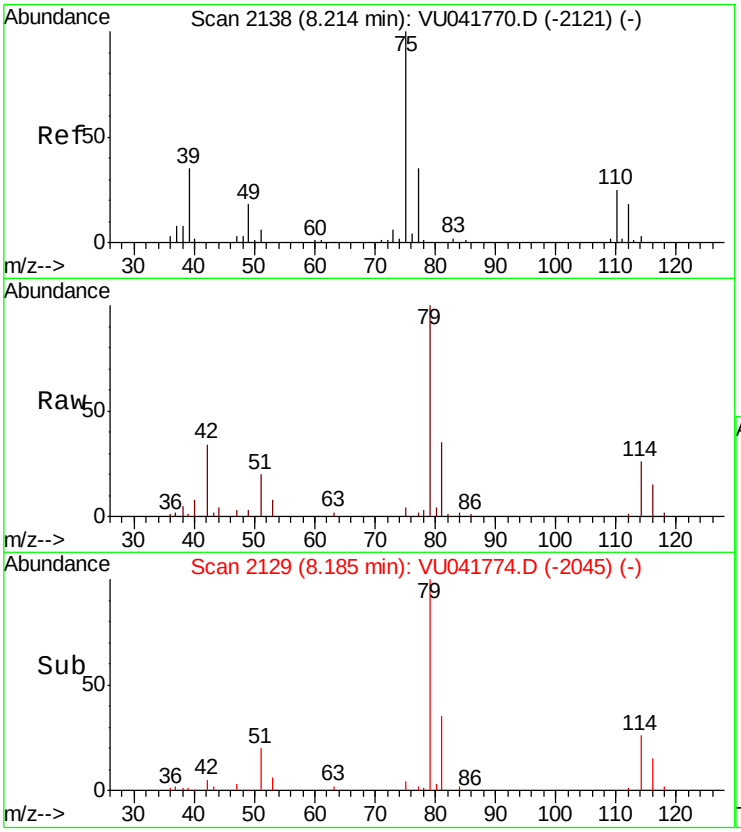


#37
1,2-Dichloropropane
Concen: 0.454 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041774.D
Acq: 23 Dec 2020 11:58

Tgt Ion: 63 Resp: 5148

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



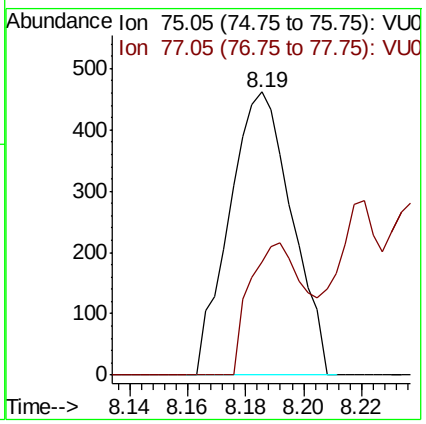


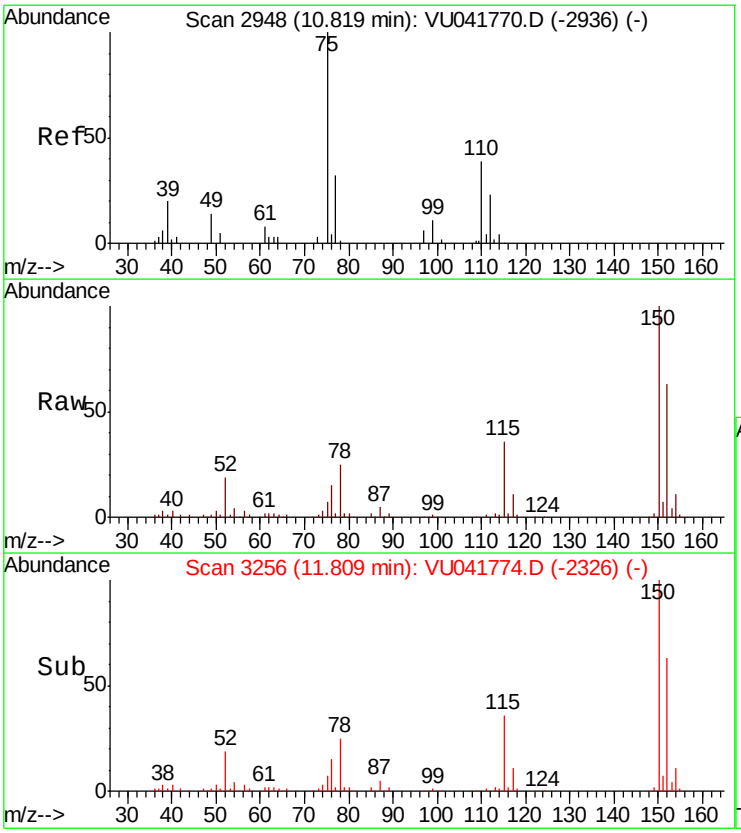
#44
trans-1,3-Dichloropropene
Concen: 0.046 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041774.D
Acq: 23 Dec 2020 11:58

Instrument :
MSVOA_U
ClientSampleId :
GB240

Tgt Ion: 75 Resp: 689

Ion	Ratio	Lower	Upper
75	100		
77	40.0	23.8	44.2





#59
1,2,3-Trichloropropane
Concen: 0.730 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041774.D
Acq: 23 Dec 2020 11:58

Tgt Ion: 75 Resp: 6223

Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.2	39.2