Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
Data File : VU027674.D
Acq On : 17 Oct 2018 13:29
Operator : MD/SY
Sample : J5463-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JC6

Quant Time: Oct 19 06:48:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 06:41:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	95711	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	90648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45388	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	28850	3.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.00%			
7) Chloroethane-d5	1.68	69	23488	4.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.20%			
11) 1,1-Dichloroethene-d2	2.28	63	44709	3.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.20%			
20) 2-Butanone-d5	4.20	46	88944	41.13	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.26%			
24) Chloroform-d	4.65	84	49485	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
26) 1,2-Dichloroethane-d4	5.31	65	27077	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
32) Benzene-d6	5.34	84	104717	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
36) 1,2-Dichloropropane-d6	6.33	67	37517	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.00%			
41) Toluene-d8	7.57	98	100392	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
43) trans-1,3-Dichloropropene-	7.85	79	15140	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
46) 2-Hexanone-d5	8.32	63	77584	41.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.32%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26346	3.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 78.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	36625	4.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.00%			

Target Compounds						Qvalue
5) Vinyl chloride	1.52	62	493	0.053	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	450	0.069	ug/L #	25
12) 1,1-Dichloroethene	2.29	96	8667	1.338	ug/L #	40
15) Methyl Acetate	2.63	43	407	0.110	ug/L #	52
19) 1,1-Dichloroethane	3.45	63	1472	0.107	ug/L #	76
22) cis-1,2-Dichloroethene	4.23	96	3547	0.465	ug/L #	99
25) Chloroform	4.68	83	7101	0.537	ug/L	90
27) 1,2-Dichloroethane	5.34	62	706	0.084	ug/L #	1
29) 1,1,1-Trichloroethane	4.92	97	1135	0.102	ug/L #	86
31) Carbon tetrachloride	5.14	117	1626	0.162	ug/L	98
34) Trichloroethene	6.19	95	25319	3.297	ug/L	96
35) Methylcyclohexane	6.33	83	8555	0.647	ug/L #	17
37) 1,2-Dichloropropane	6.34	63	3705	0.435	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	902	0.073	ug/L #	30
47) Tetrachloroethene	8.23	164	14283	2.330	ug/L	93
48) 2-Hexanone	8.38	43	1344	0.326	ug/L #	80
49) Dibromochloromethane	8.23	129	13111	1.926	ug/L #	11

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
Data File : VU027674.D
Acq On : 17 Oct 2018 13:29
Operator : MD/SY
Sample : J5463-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JC6

Quant Time: Oct 19 06:48:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 06:41:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.48	75	5261	1.075	ug/L	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
Data File : VU027674.D
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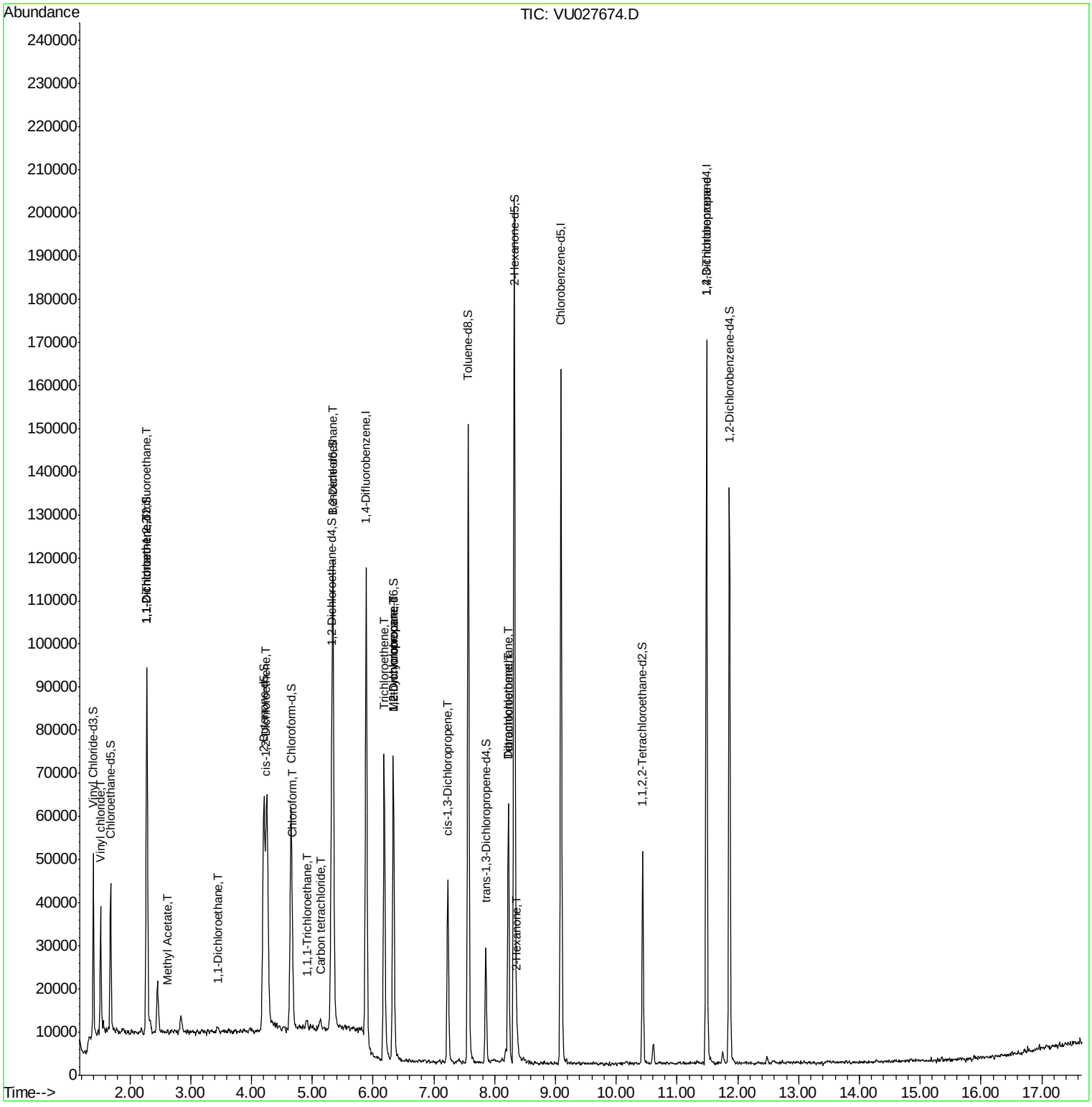
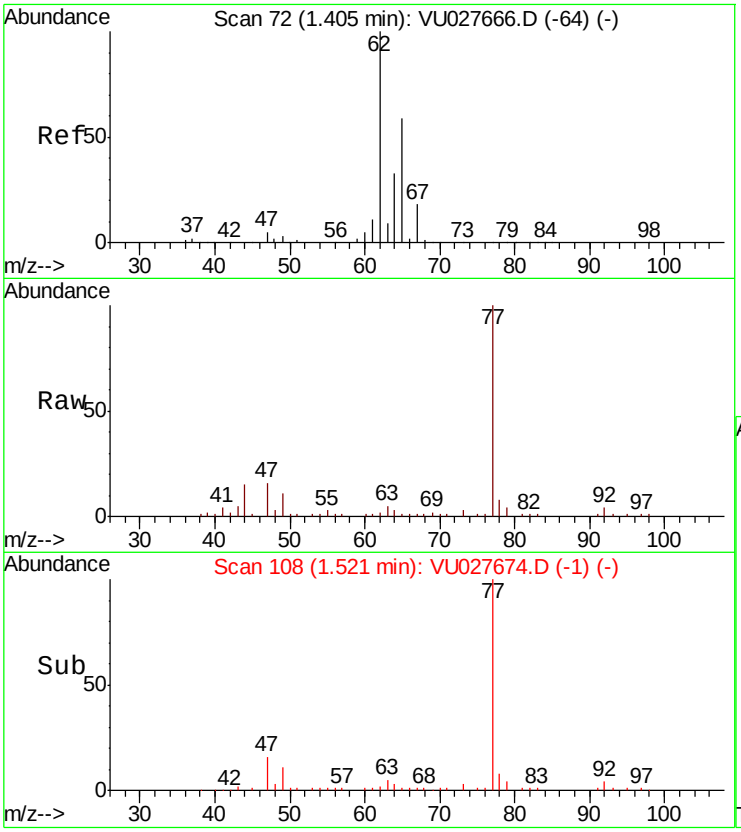


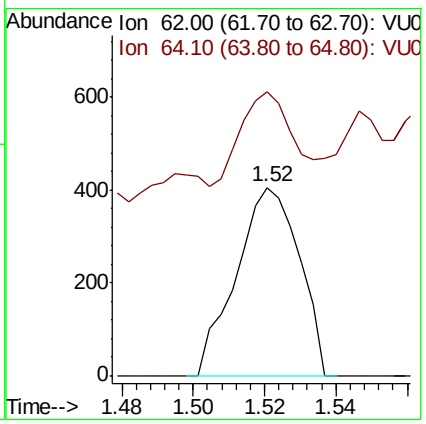


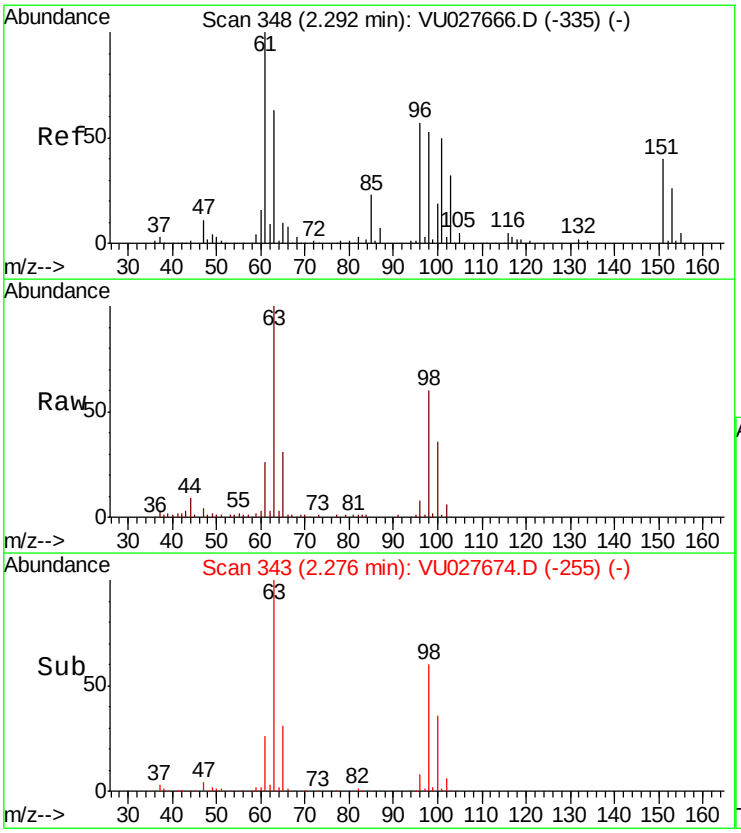
#5
Vinyl chloride
Concen: 0.053 ug/L
RT: 1.52 min Scan# 108
Delta R.T. 0.12 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Instrument :
MSVOA_U
ClientSampleId :
C0JC6

Tgt Ion: 62 Resp: 493

Ion	Ratio	Lower	Upper
62	100		
64	150.9	22.9	42.5#

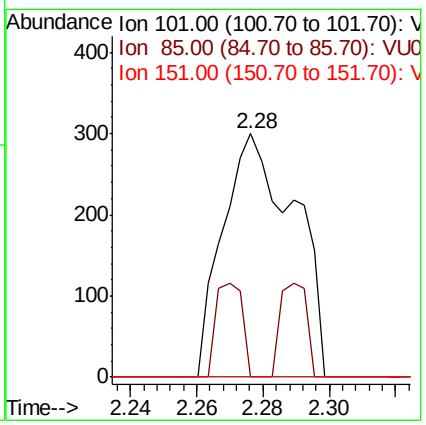


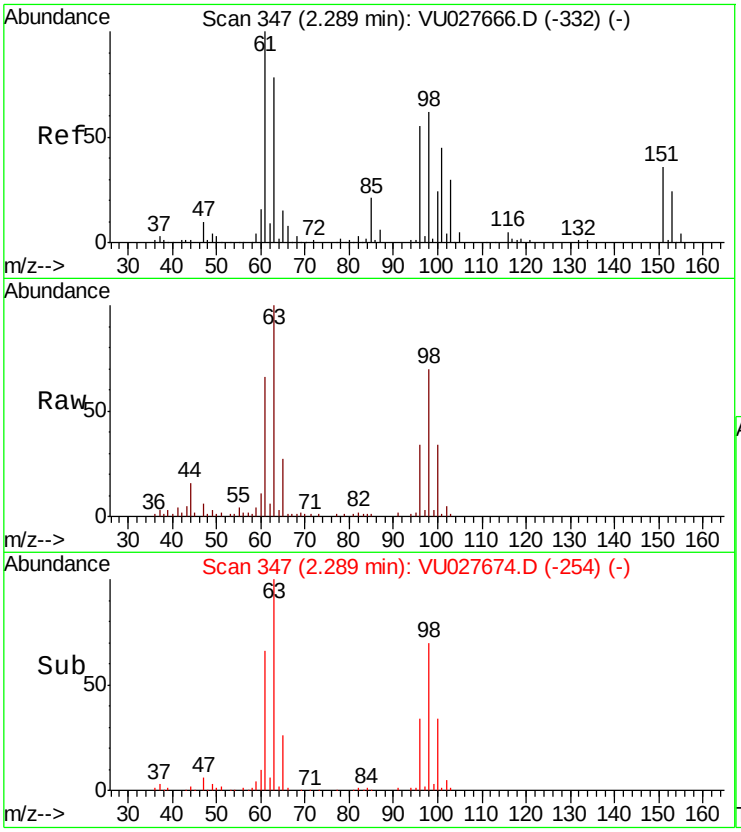


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.069 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.02 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Tgt Ion:101 Resp: 450

Ion	Ratio	Lower	Upper
101	100		
85	14.2	35.6	53.4#
151	0.0	63.8	95.6#



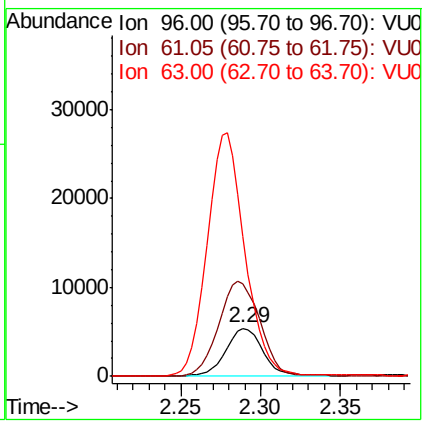


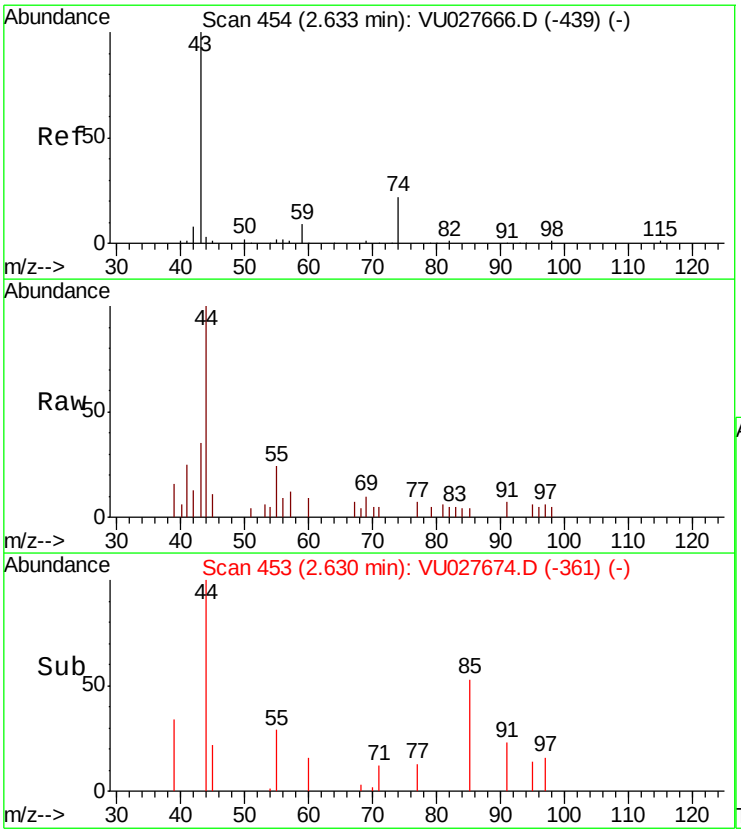
#12
1,1-Dichloroethene
Concen: 1.338 ug/L
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Instrument : MSVOA_U
ClientSampleId : C0JC6

Tgt Ion: 96 Resp: 8667

Ion	Ratio	Lower	Upper
96	100		
61	192.3	125.6	233.2
63	292.1	97.6	181.2#

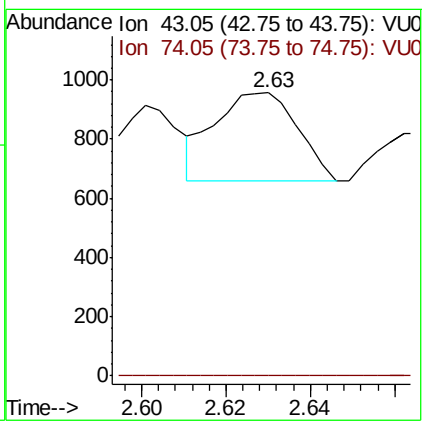


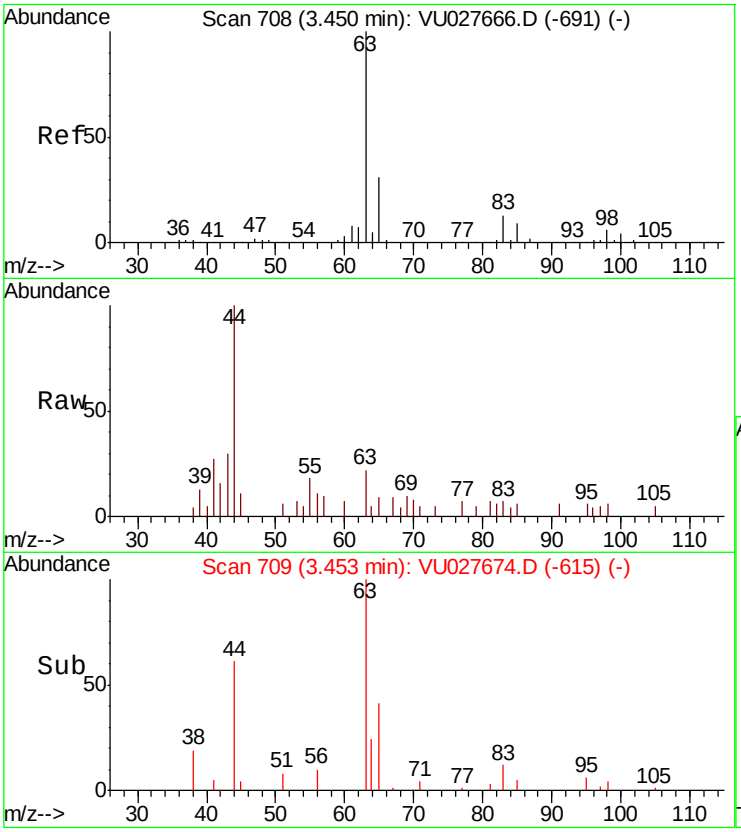


#15
Methyl Acetate
Concen: 0.110 ug/L
RT: 2.63 min Scan# 453
Delta R.T. -0.00 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Tgt Ion: 43 Resp: 407

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.7	28.1#



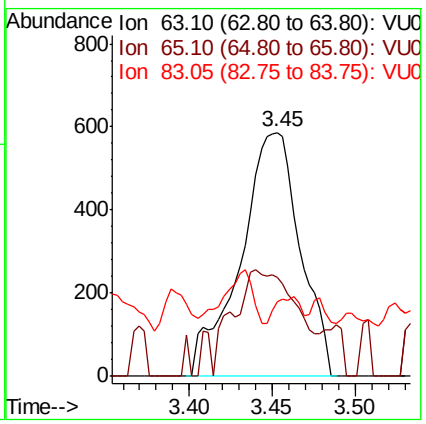


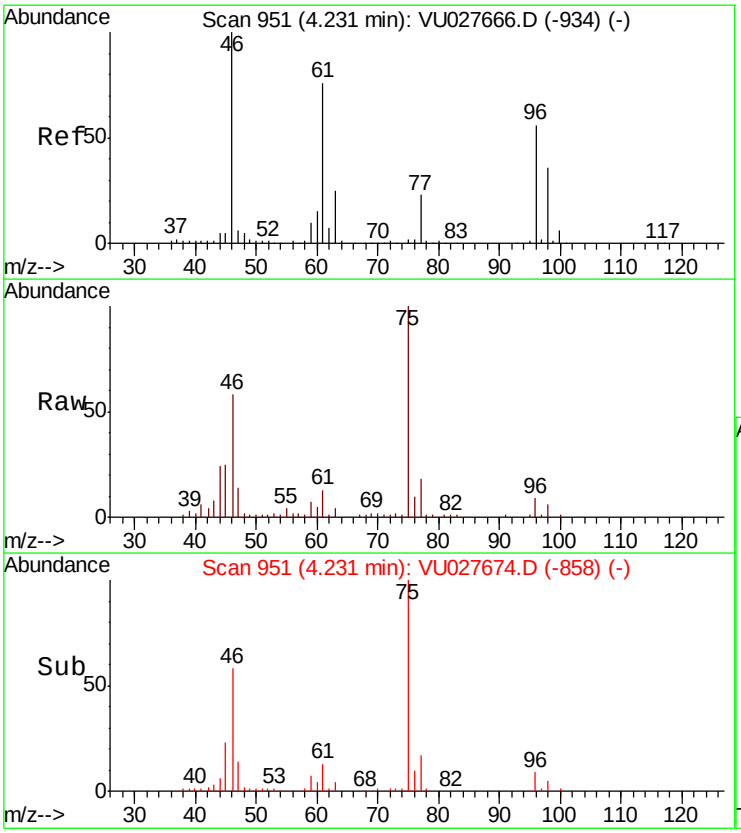
#19
1,1-Dichloroethane
Concen: 0.107 ug/L
RT: 3.45 min Scan# 709
Delta R.T. 0.00 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Instrument : MSVOA_U
ClientSampleId : C0JC6

Tgt Ion: 63 Resp: 1472

Ion	Ratio	Lower	Upper
63	100		
65	40.6	22.3	41.3
83	30.7	9.7	17.9#

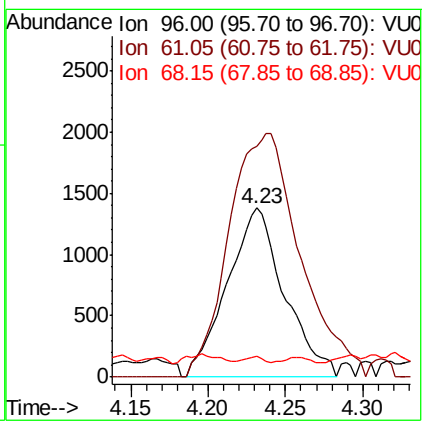


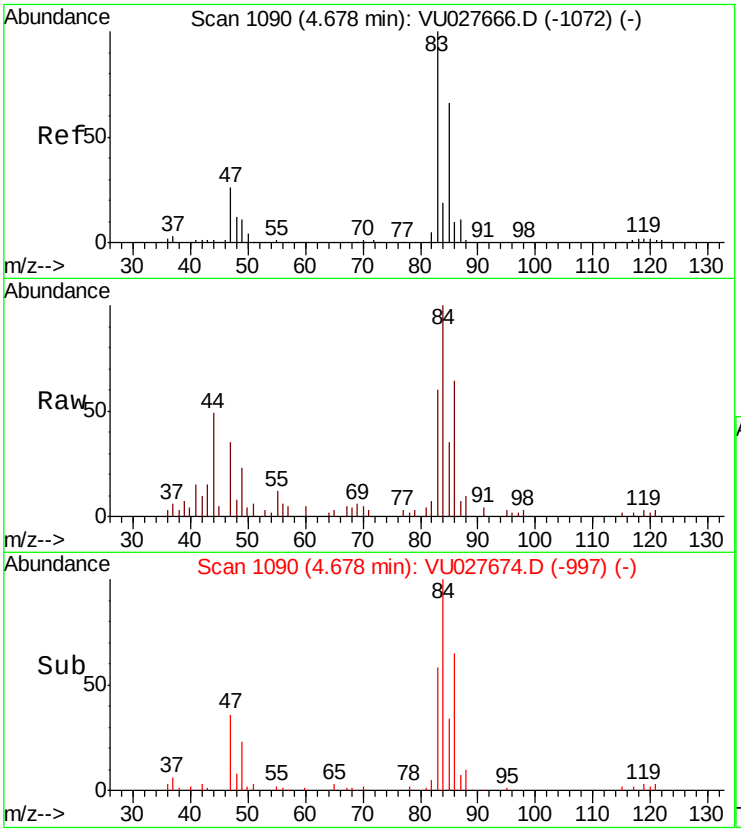


#22
cis-1,2-Dichloroethene
Concen: 0.465 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Tgt Ion: 96 Resp: 3547

Ion	Ratio	Lower	Upper
96	100		
61	137.0	95.3	176.9
68	12.1	1.1	2.1#



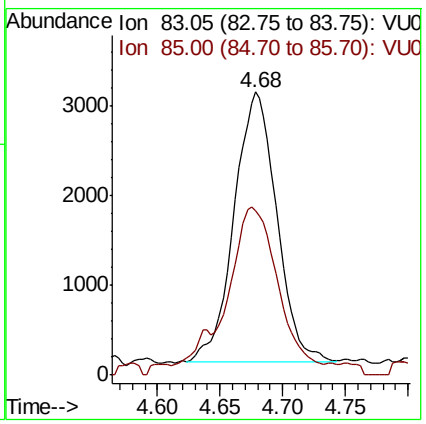


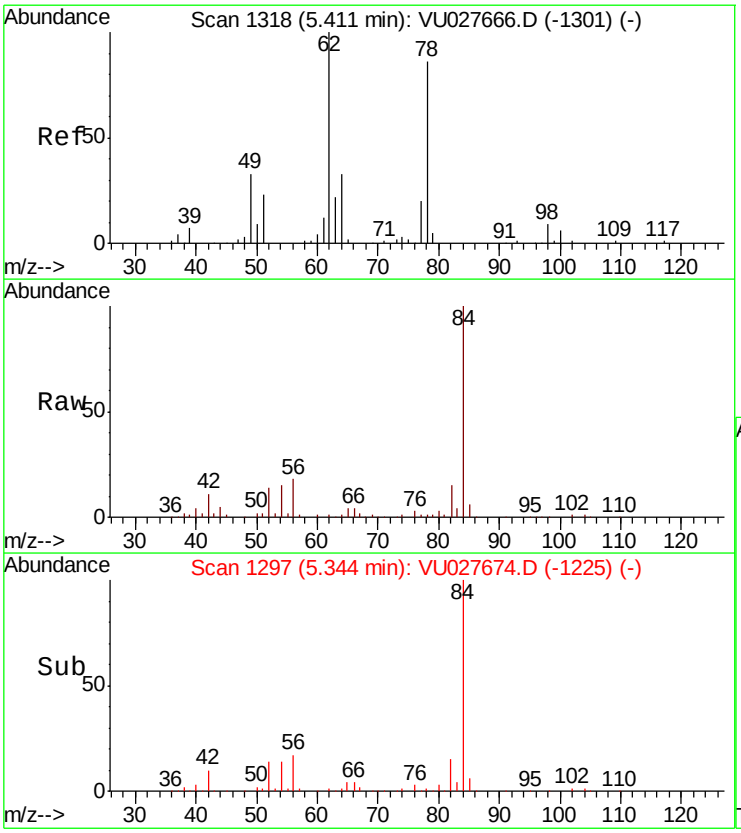
#25
Chloroform
Concen: 0.537 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Instrument :
MSVOA_U
ClientSampleId :
C0JC6

Tgt Ion: 83 Resp: 7101

Ion	Ratio	Lower	Upper
83	100		
85	58.0	46.1	85.7

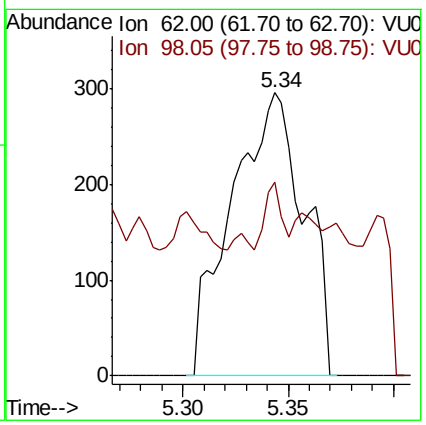


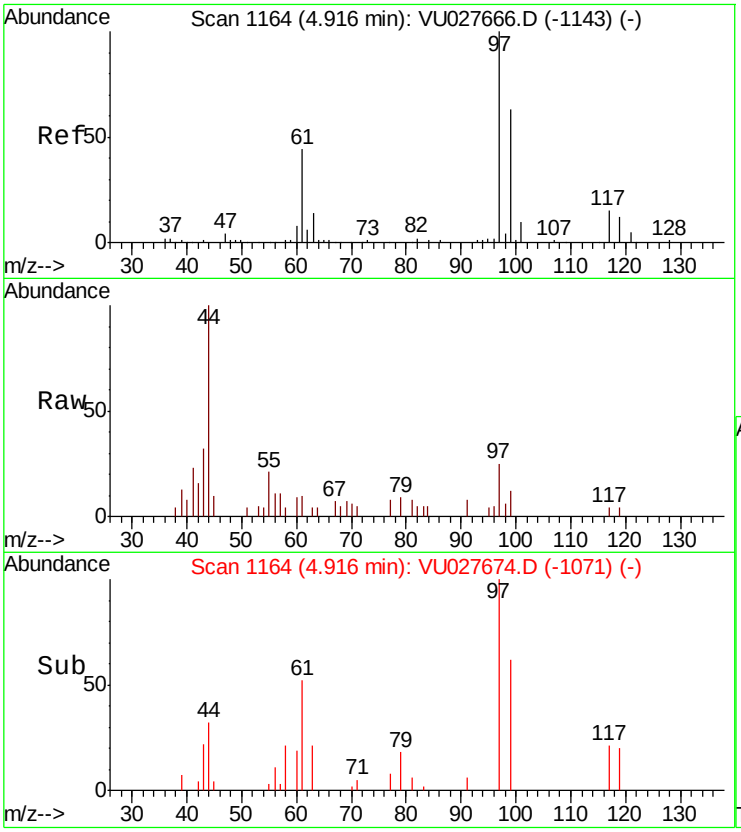


#27
1,2-Dichloroethane
Concen: 0.084 ug/L
RT: 5.34 min Scan# 1297
Delta R.T. -0.07 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Tgt Ion: 62 Resp: 706

Ion	Ratio	Lower	Upper
62	100		
98	68.2	8.4	12.6#



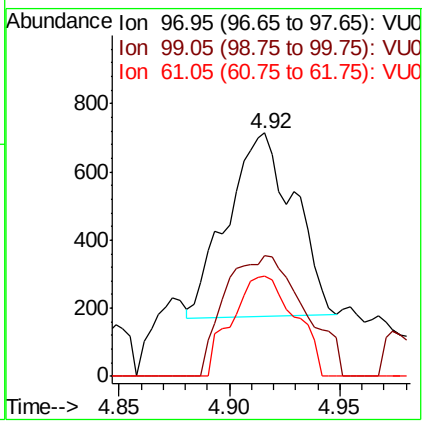


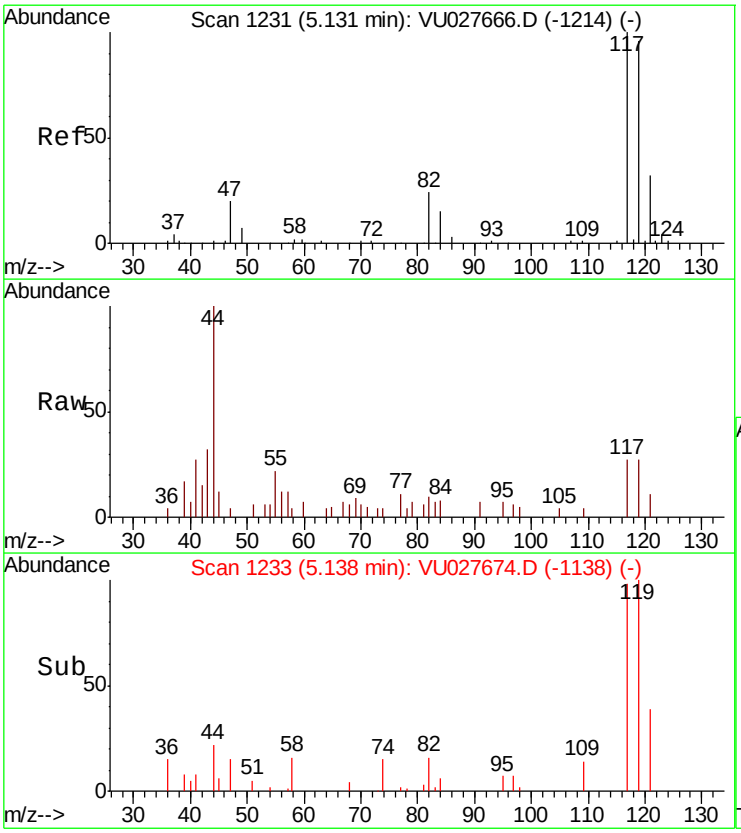
#29
1,1,1-Trichloroethane
Concen: 0.102 ug/L
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Instrument :
MSVOA_U
ClientSampleId :
C0JC6

Tgt Ion: 97 Resp: 1135

Ion	Ratio	Lower	Upper
97	100		
99	77.4	51.4	77.2#
61	51.4	35.7	53.5

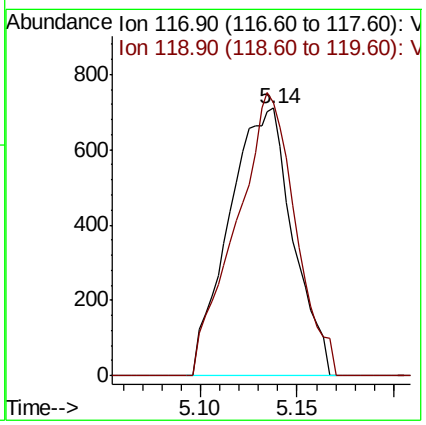


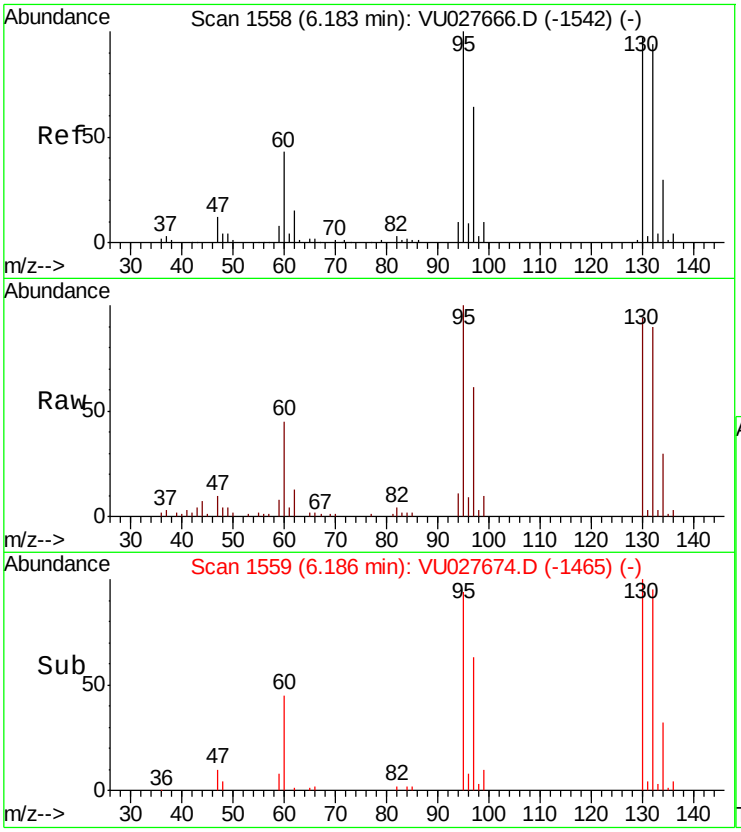


#31
Carbon tetrachloride
Concen: 0.162 ug/L
RT: 5.14 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Tgt Ion:117 Resp: 1626

Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.1	115.7



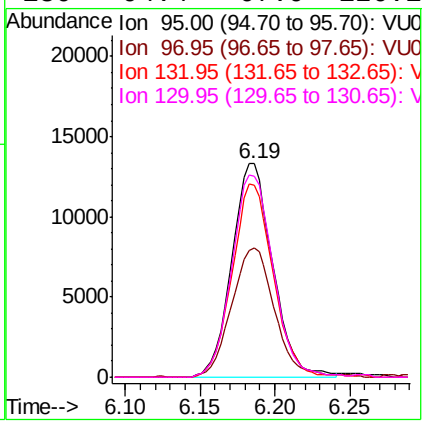


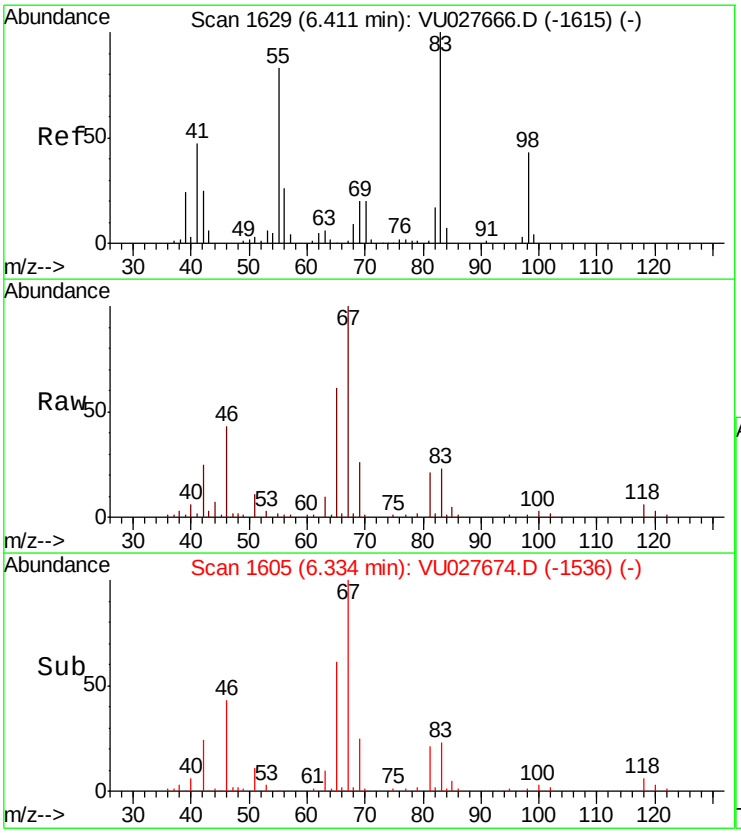
#34
Trichloroethene
Concen: 3.297 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Instrument :
MSVOA_U
ClientSampleId :
C0JC6

Tgt Ion: 95 Resp: 25319

Ion	Ratio	Lower	Upper
95	100		
97	60.7	44.7	83.1
132	90.0	65.9	122.5
130	94.4	67.9	126.1

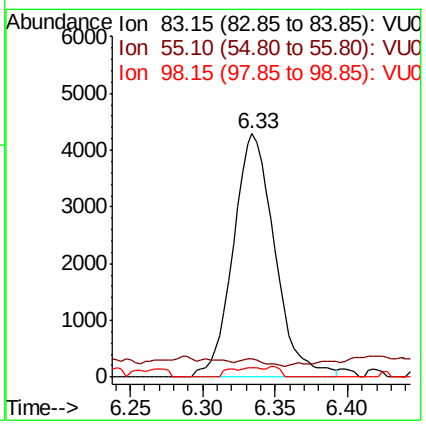


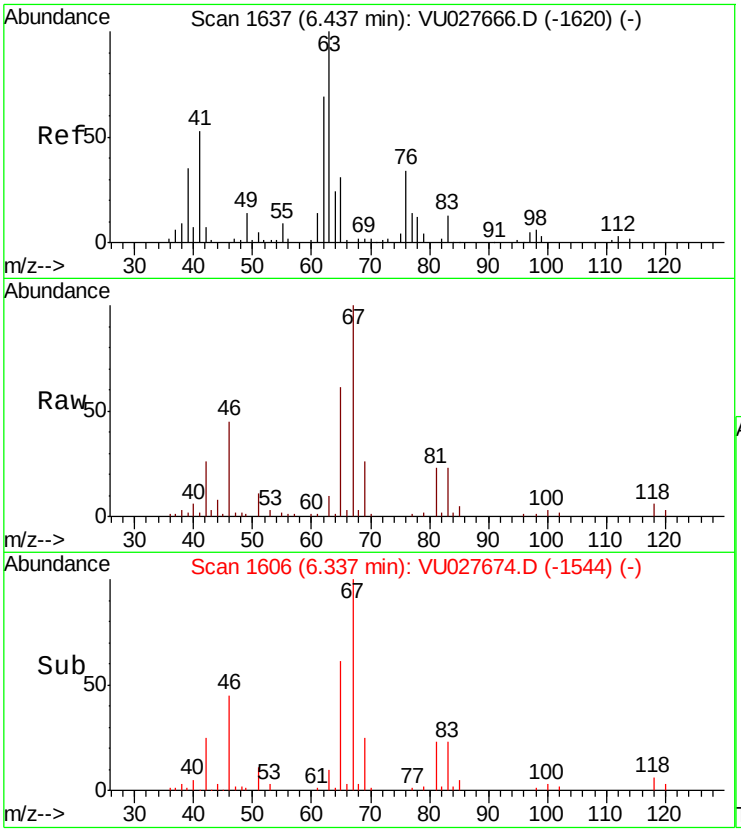


#35
Methylcyclohexane
Concen: 0.647 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Tgt Ion: 83 Resp: 8555

Ion	Ratio	Lower	Upper
83	100		
55	1.7	69.0	103.4#
98	1.7	35.4	53.2#



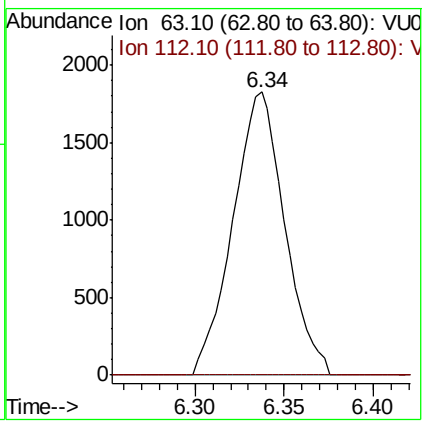


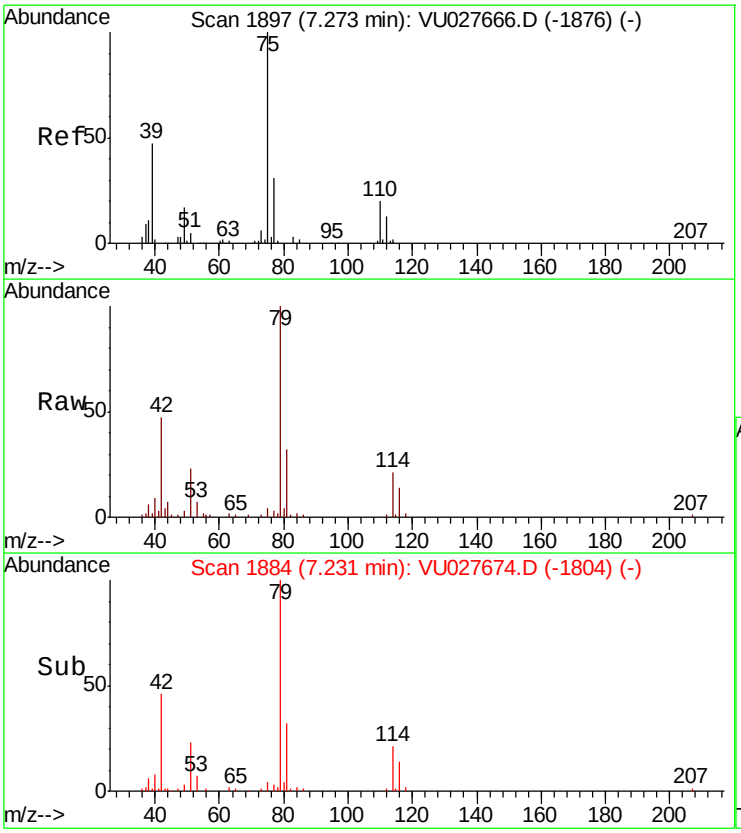
#37
1,2-Dichloropropane
Concen: 0.435 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.10 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Instrument : MSVOA_U
ClientSampleId : C0JC6

Tgt Ion: 63 Resp: 3705

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#

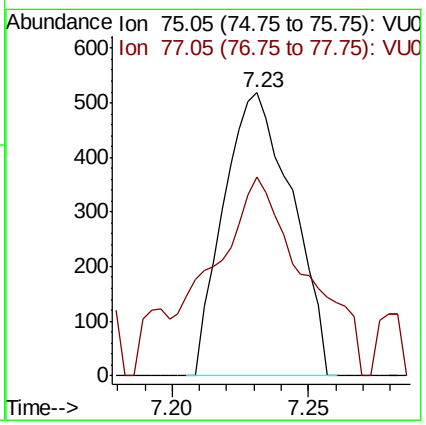


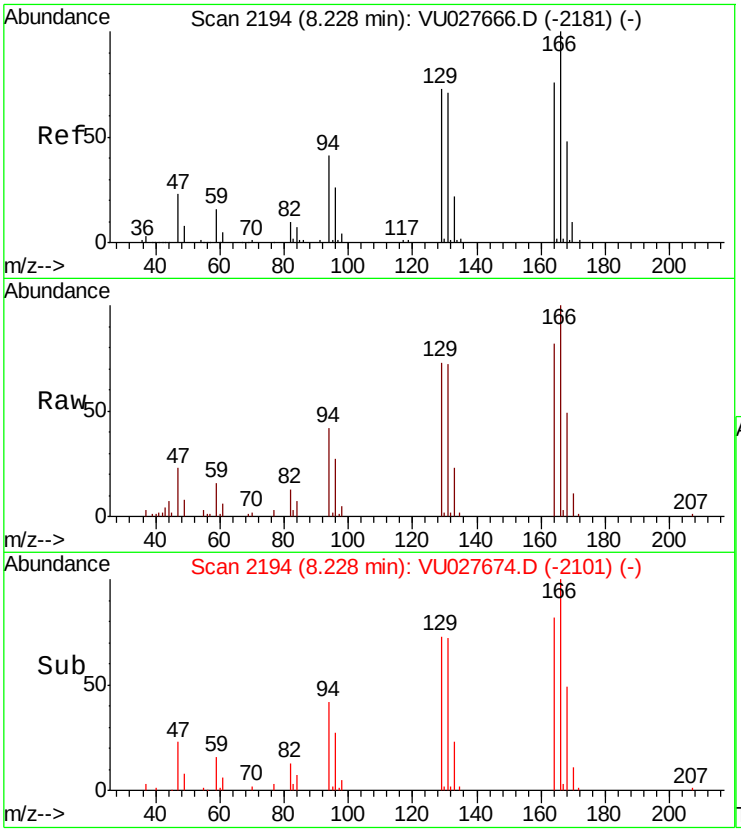


#39
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Tgt Ion: 75 Resp: 902

Ion	Ratio	Lower	Upper
75	100		
77	70.5	22.2	41.2#



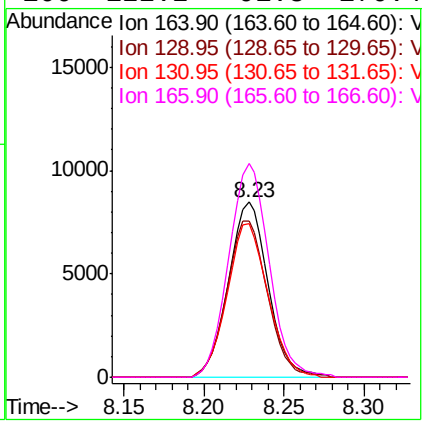


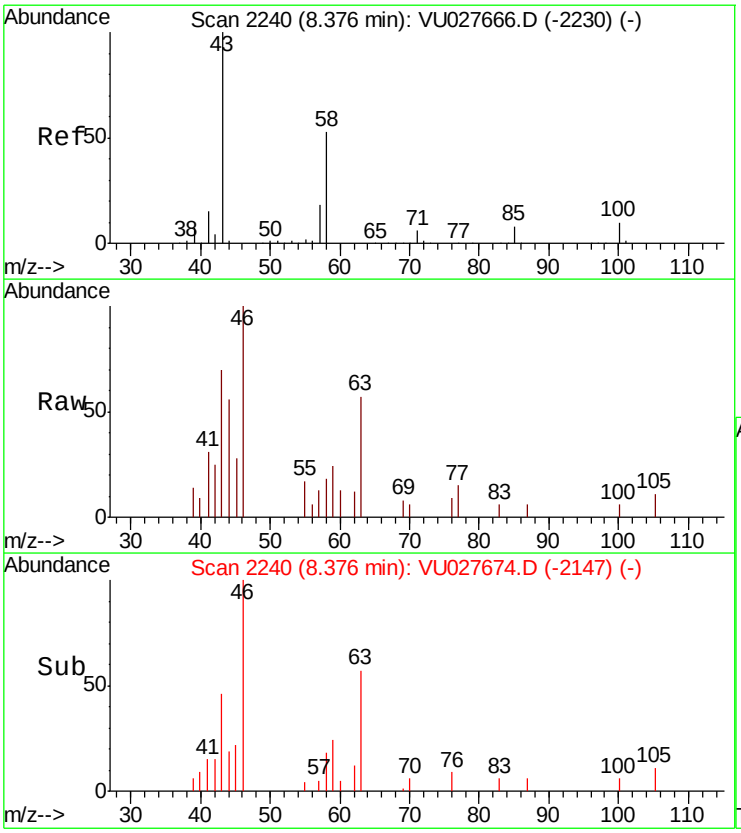
#47
Tetrachloroethene
Concen: 2.330 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Instrument : MSVOA_U
ClientSampleId : C0JC6

Tgt Ion:164 Resp: 14283

Ion	Ratio	Lower	Upper
164	100		
129	89.4	67.3	124.9
131	87.6	64.8	120.3
166	122.2	91.8	170.4

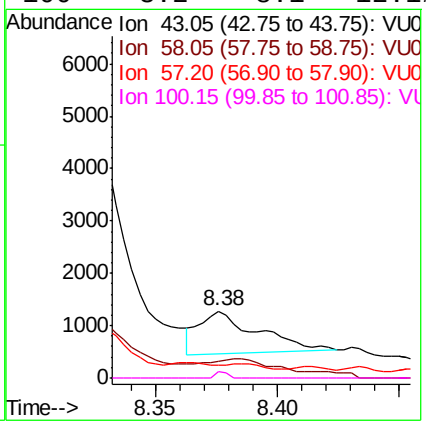


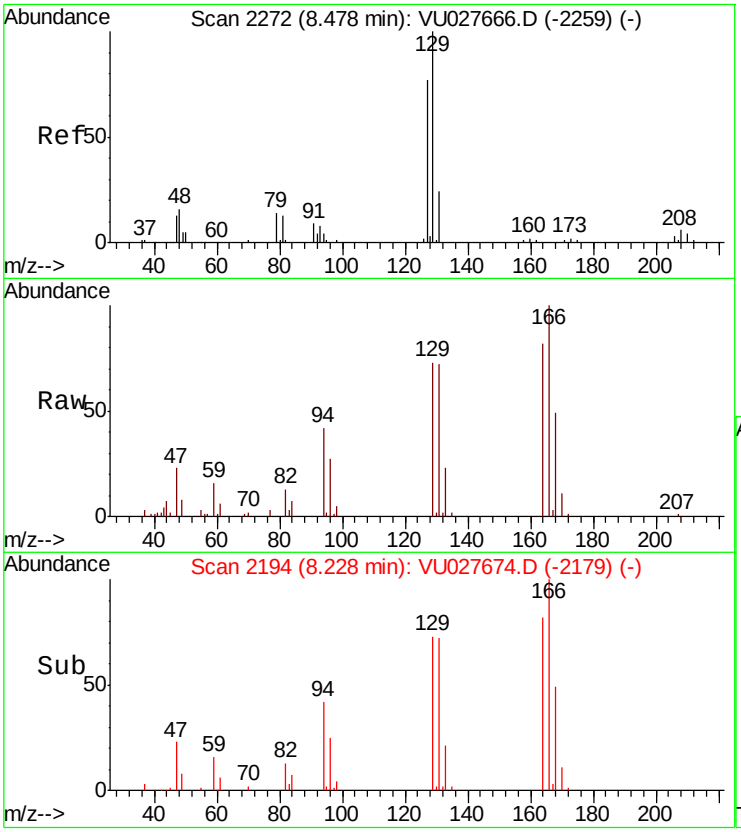


#48
2-Hexanone
Concen: 0.326 ug/L
RT: 8.38 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Tgt Ion: 43 Resp: 1344

Ion	Ratio	Lower	Upper
43	100		
58	35.0	42.7	64.1#
57	16.2	14.5	21.7
100	3.2	8.1	12.1#



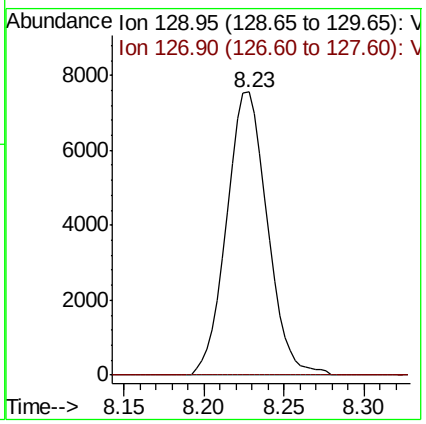


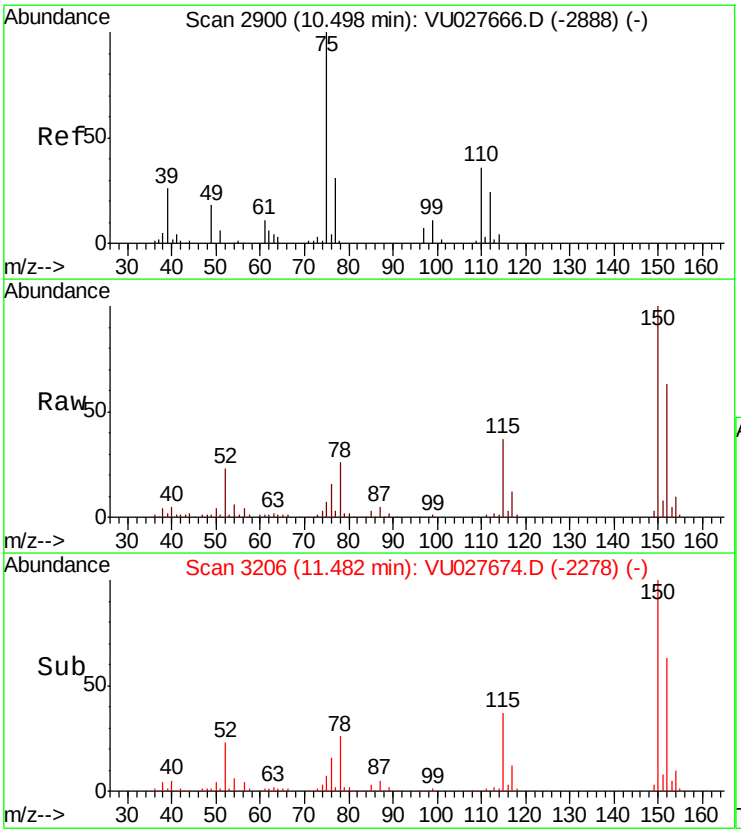
#49
Dibromochloromethane
Concen: 1.926 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Instrument :
MSVOA_U
ClientSampleId :
C0JC6

Tgt Ion:129 Resp: 13111

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 1.075 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.98 min
Lab File: VU027674.D
Acq: 17 Oct 2018 13:29

Tgt Ion: 75 Resp: 5261

Ion	Ratio	Lower	Upper
75	100		
77	39.8	26.9	40.3