Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

Quantitation Report (Not Reviewed)

Data File : VU032676.D
Acq On : 13 Jun 2019 00:31
Operator : JC/SP
Sample : K3313-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M11

Quant Time: Jun 13 06:03:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	169023	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77503	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	50636	46.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.34%			
7) Chloroethane-d5	1.68	69	41548	47.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.30%			
11) 1,1-Dichloroethene-d2	2.27	63	92771	43.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.42%			
21) 2-Butanone-d5	4.17	46	86115	93.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.84%			
24) Chloroform-d	4.64	84	97168	47.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.02%			
26) 1,2-Dichloroethane-d4	5.30	65	66723	51.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.58%			
32) Benzene-d6	5.33	84	195794	46.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.44%			
36) 1,2-Dichloropropane-d6	6.32	67	63128	48.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.08%			
41) Toluene-d8	7.56	98	179812	45.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.50%			
43) trans-1,3-Dichloropropene-	7.85	79	27168	43.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.40%			
47) 2-Hexanone-d5	8.31	63	45994	72.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 72.15%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84890	44.58	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.16%			
64) 1,2-Dichlorobenzene-d4	11.85	152	72353	48.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.48%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	733	0.710	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	28959	28.874	ug/L	88
13) Acetone	2.32	43	2046	2.161	ug/L	90
19) 1,1-Dichloroethane	3.45	63	2127	1.074	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	32356	26.306	ug/L	98
25) Chloroform	4.66	83	1490	0.729	ug/L #	70
30) 1,1,1-Trichloroethane	4.91	97	44946	24.594	ug/L	97
31) Carbon tetrachloride	4.91	117	5786	3.454	ug/L	96
34) Trichloroethene	6.18	95	536713	434.926	ug/L	97
35) Methylcyclohexane	6.32	83	14786	7.401	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7121	5.922	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1771	0.934	ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1265	0.751	ug/L #	82
48) 2-Hexanone	8.36	43	6550	4.123	ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	9263	5.926	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

Quantitation Report (Not Reviewed)

Data File : VU032676.D
Acq On : 13 Jun 2019 00:31
Operator : JC/SP
Sample : K3313-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0M11

Quant Time: Jun 13 06:03:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration

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

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

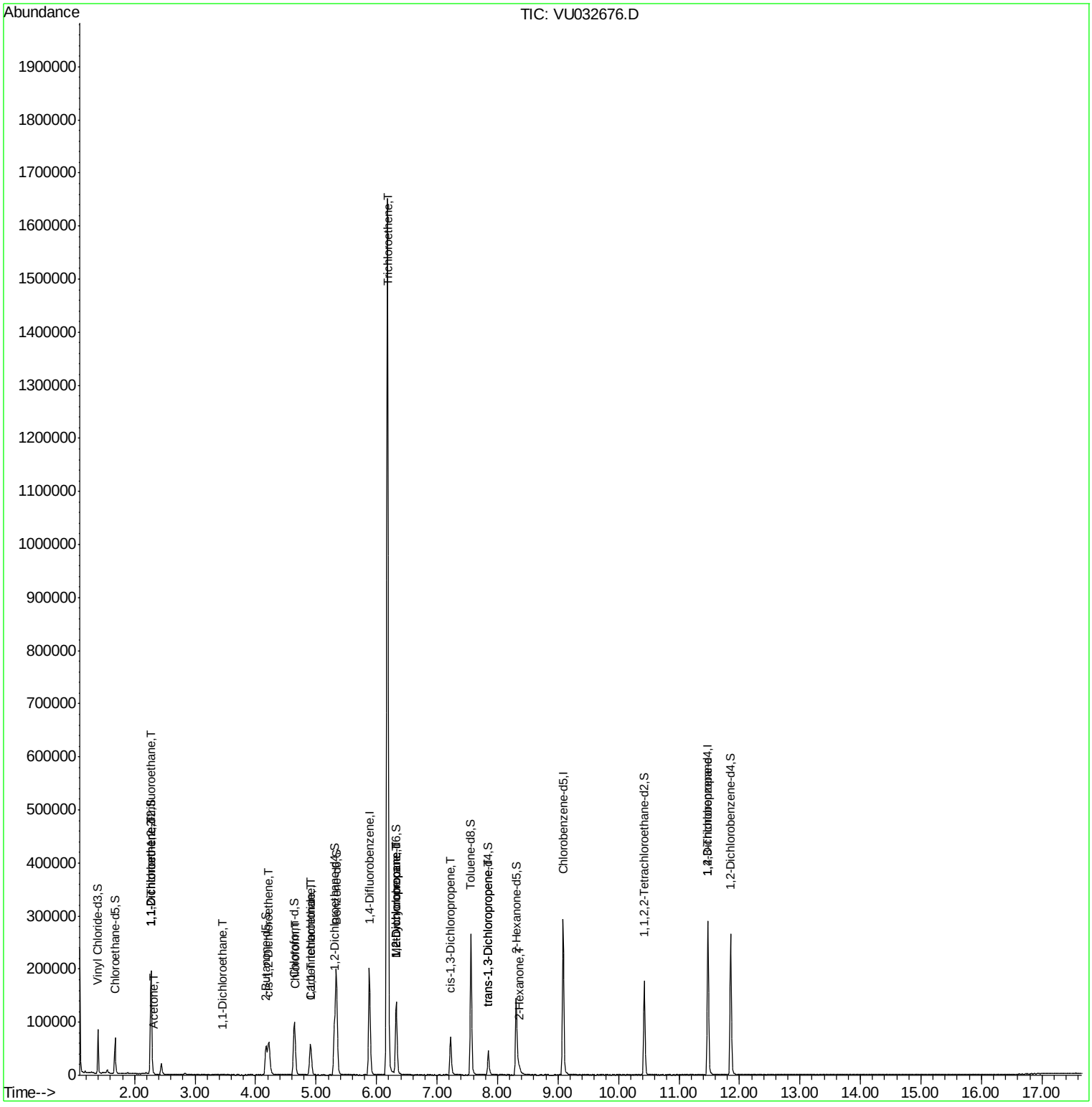
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

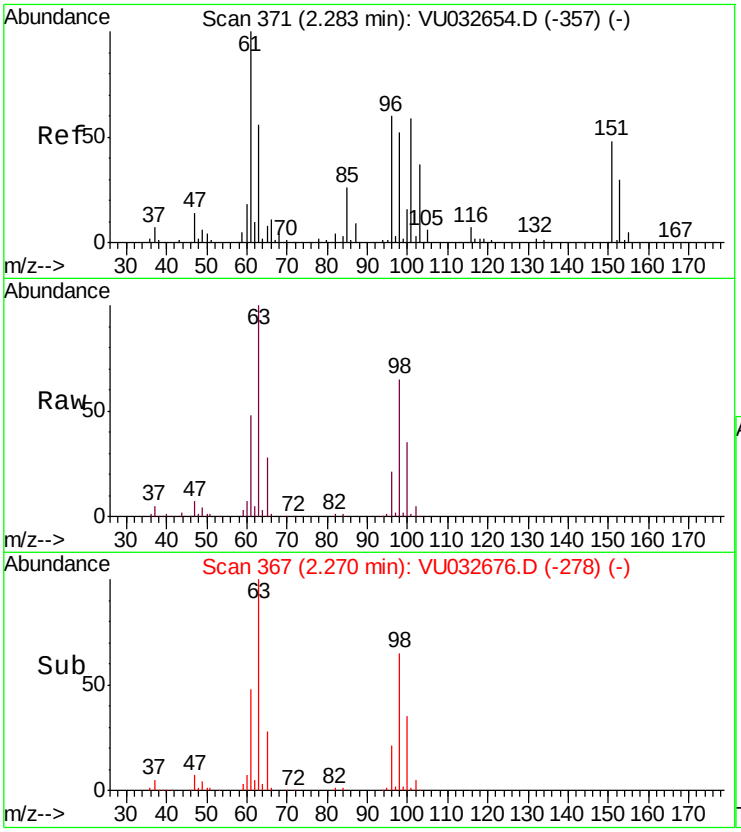
Quantitation Report (Not Reviewed)

Data File : VU032676.D
Acq On : 13 Jun 2019 00:31
Operator : JC/SP
Sample : K3313-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M11

Quant Time: Jun 13 06:03:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration



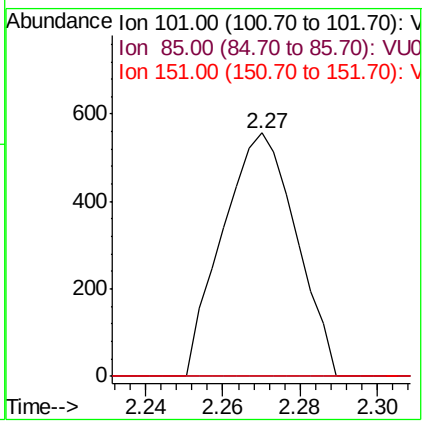


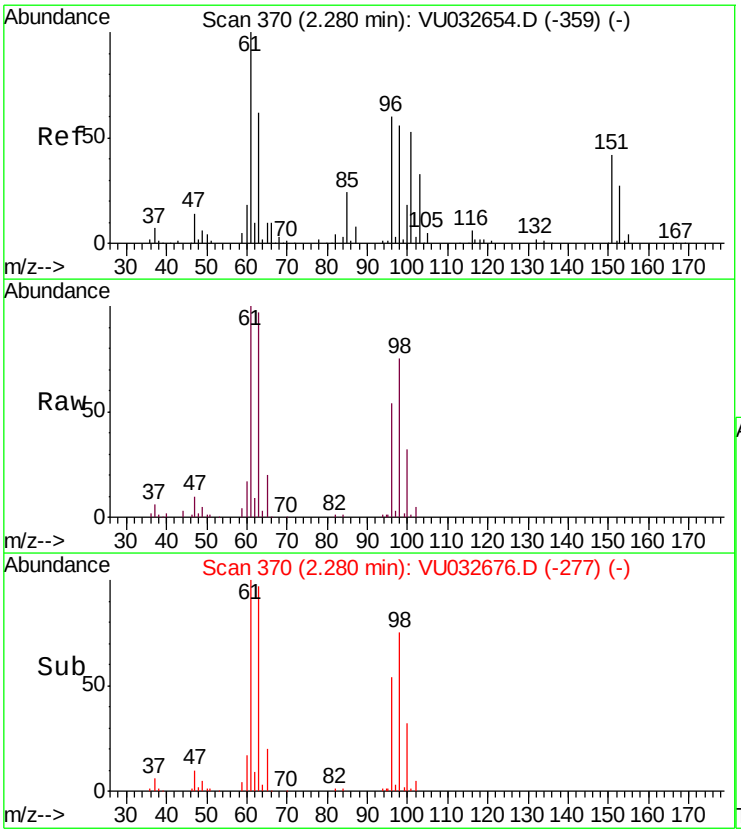
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.710 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
C0M11

Tgt Ion:101 Resp: 733

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	0.0	63.0	94.4#

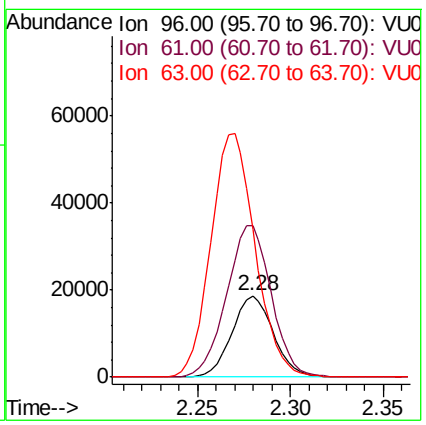


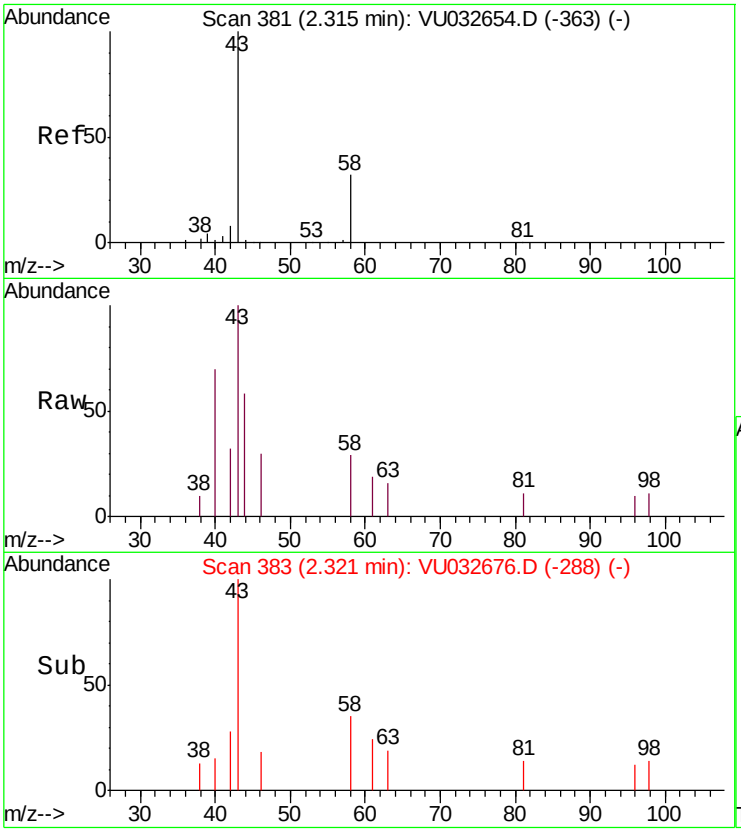


#12
1,1-Dichloroethene
Concen: 28.874 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Tgt Ion: 96 Resp: 28959

Ion	Ratio	Lower	Upper
96	100		
61	186.5	129.5	240.5
63	181.2	103.4	192.0



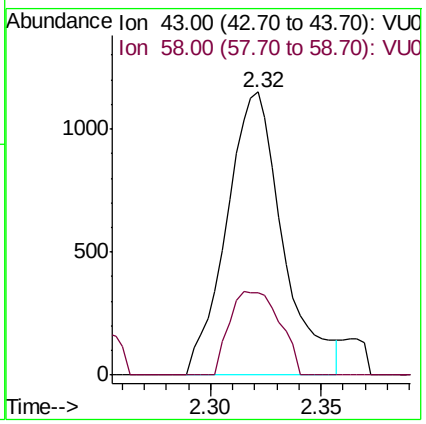


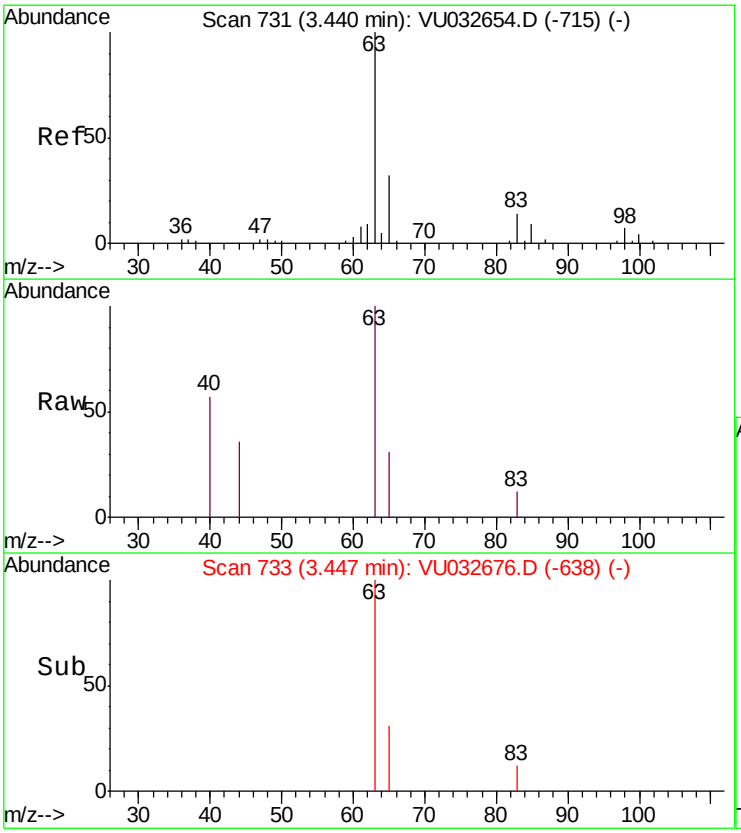
#13
Acetone
Concen: 2.161 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Instrument : MSVOA_U
ClientSampleId : C0M11

Tgt Ion: 43 Resp: 2046

Ion	Ratio	Lower	Upper
43	100		
58	26.3	0.0	64.0

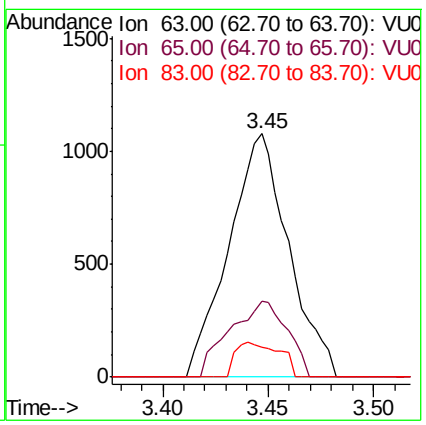


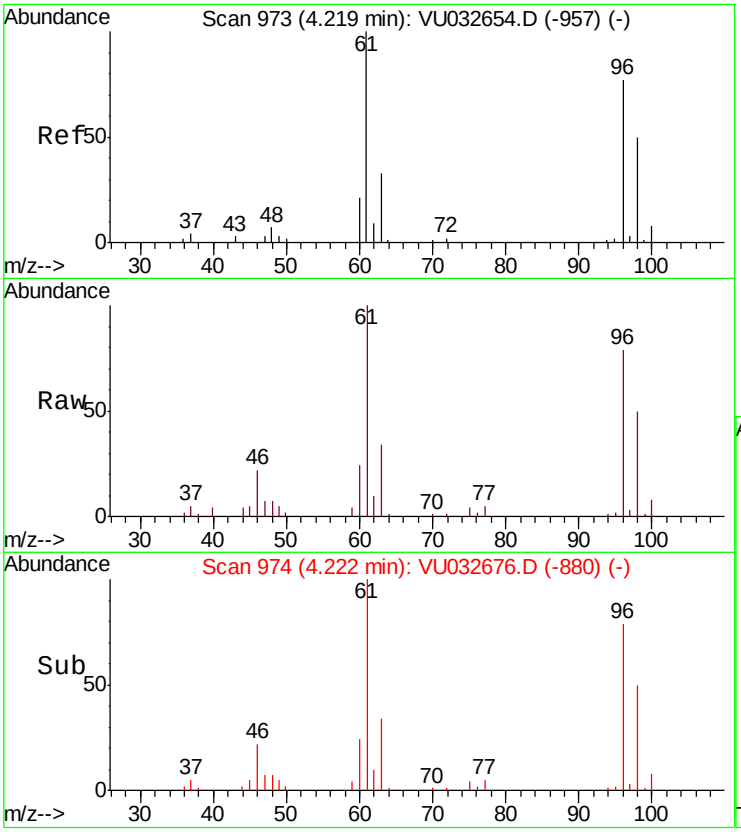


#19
1,1-Dichloroethane
Concen: 1.074 ug/L
RT: 3.45 min Scan# 733
Delta R.T. 0.01 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Tgt Ion: 63 Resp: 2127

Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.8	40.6
83	12.2	9.8	18.2



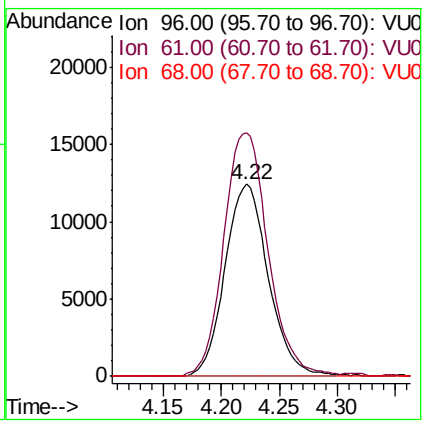


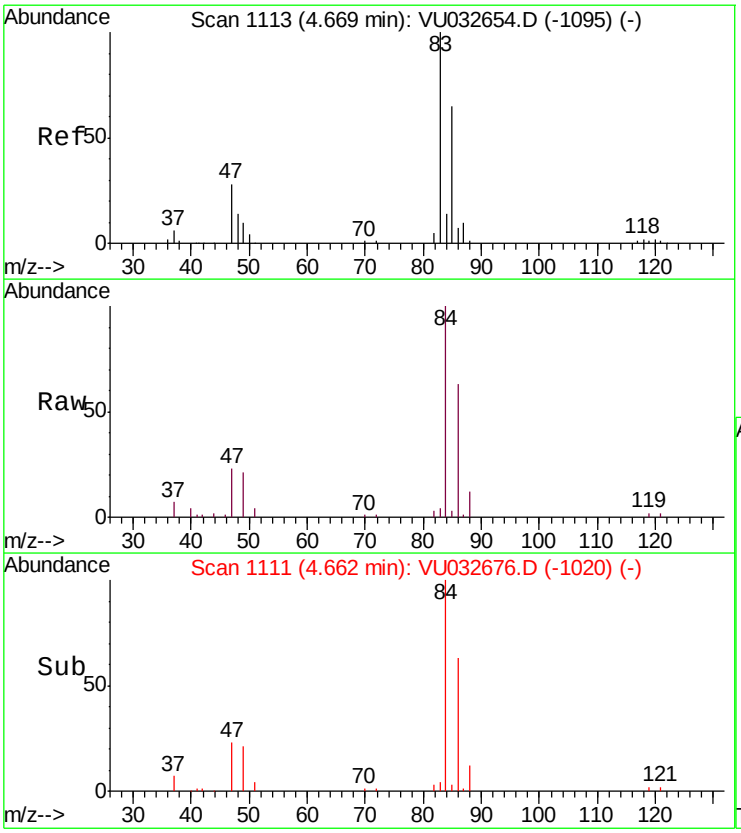
#20
cis-1,2-Dichloroethene
Concen: 26.306 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
C0M11

Tgt Ion: 96 Resp: 32356

Ion	Ratio	Lower	Upper
96	100		
61	126.9	87.2	162.0
68	0.0	0.0	0.0

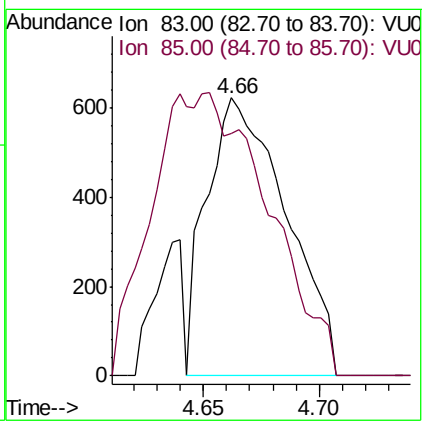


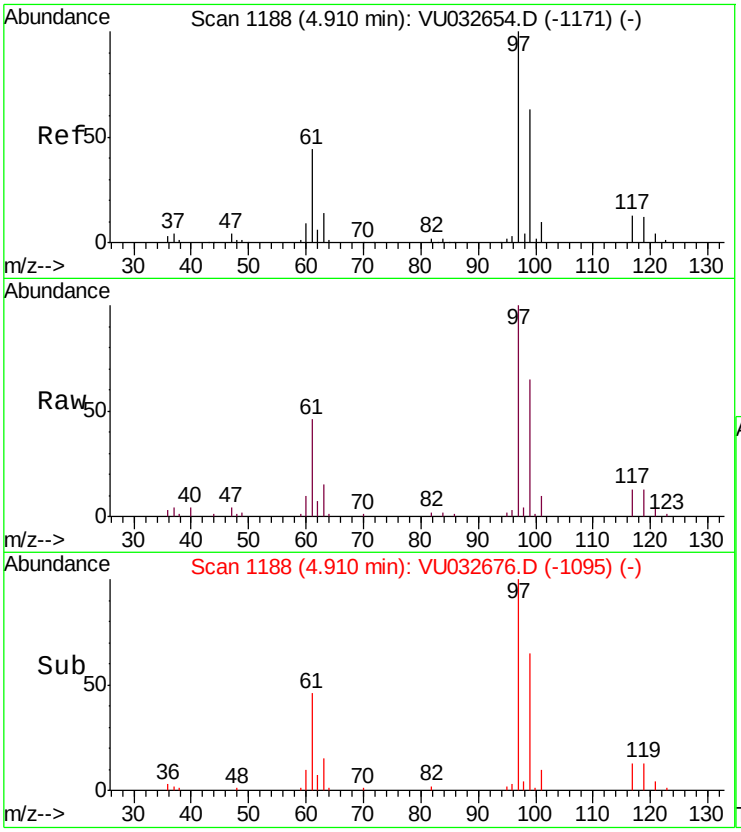


#25
Chloroform
Concen: 0.729 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Tgt Ion: 83 Resp: 1490

Ion	Ratio	Lower	Upper
83	100		
85	87.3	44.7	82.9#



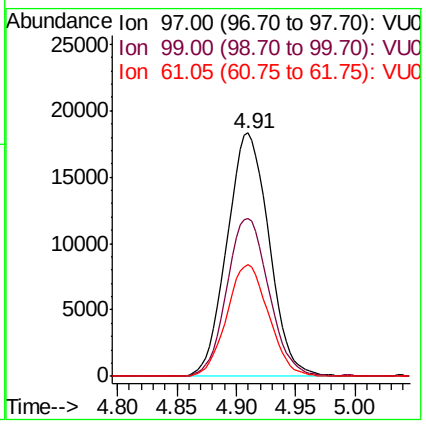


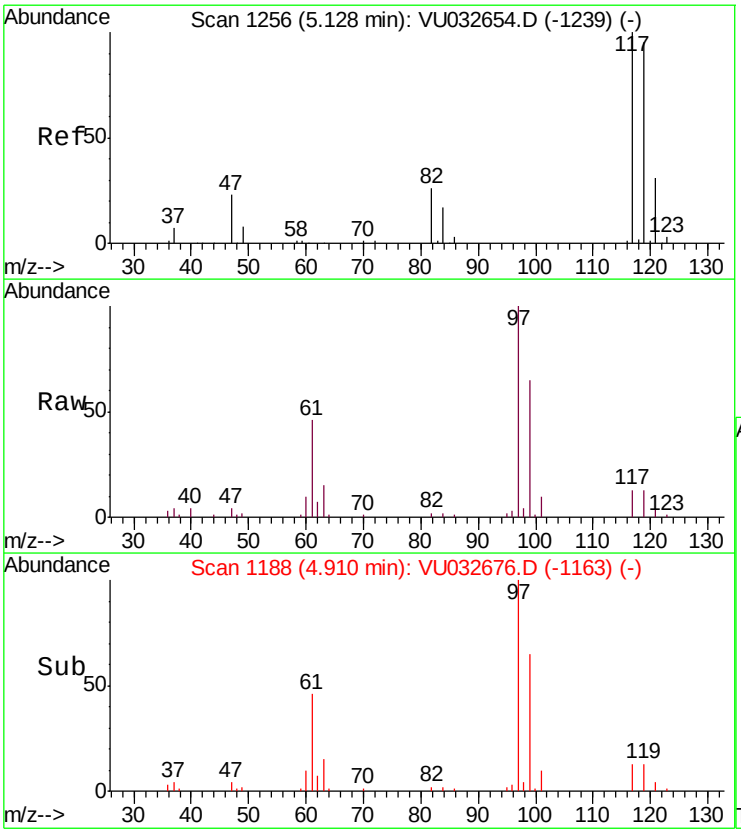
#30
1,1,1-Trichloroethane
Concen: 24.594 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
C0M11

Tgt Ion: 97 Resp: 44946

Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.5	75.7
61	45.4	33.8	50.6

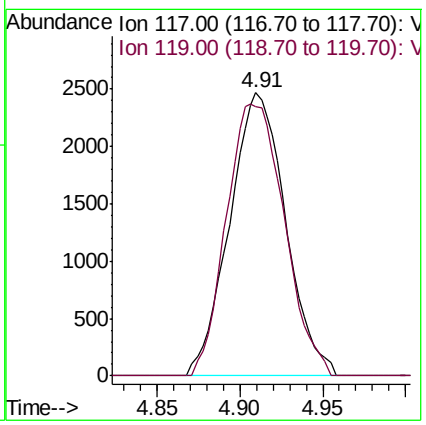


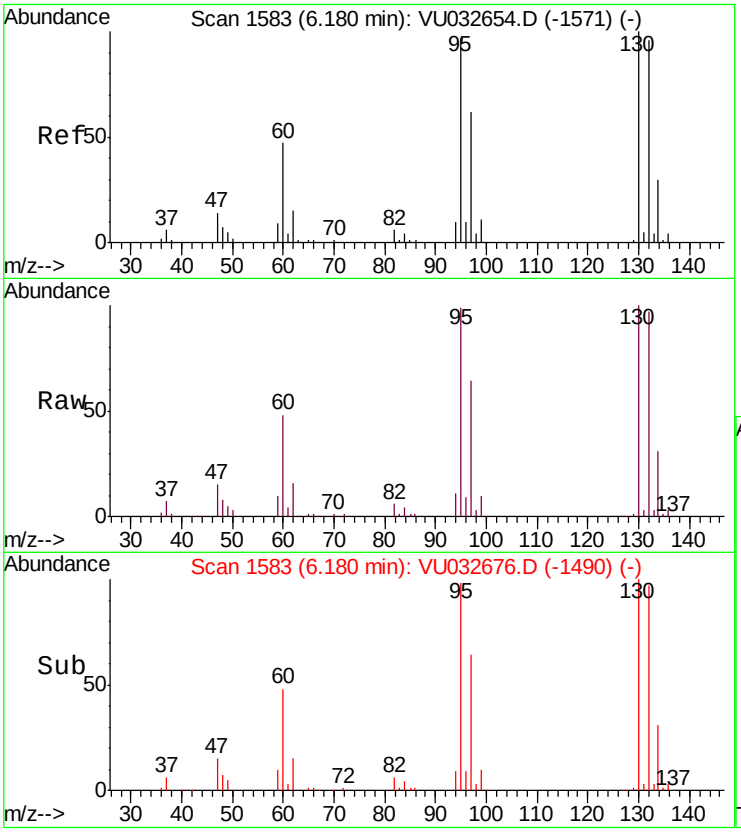


#31
Carbon tetrachloride
Concen: 3.454 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. -0.22 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Tgt Ion:117 Resp: 5786

Ion	Ratio	Lower	Upper
117	100		
119	99.5	76.6	114.8



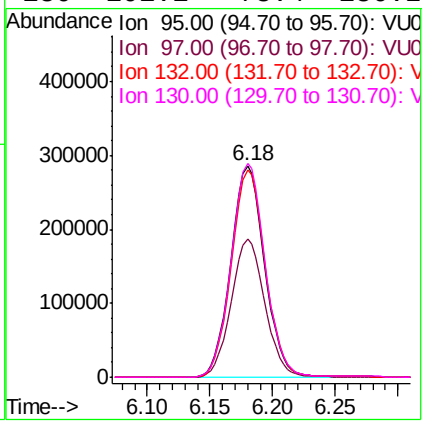


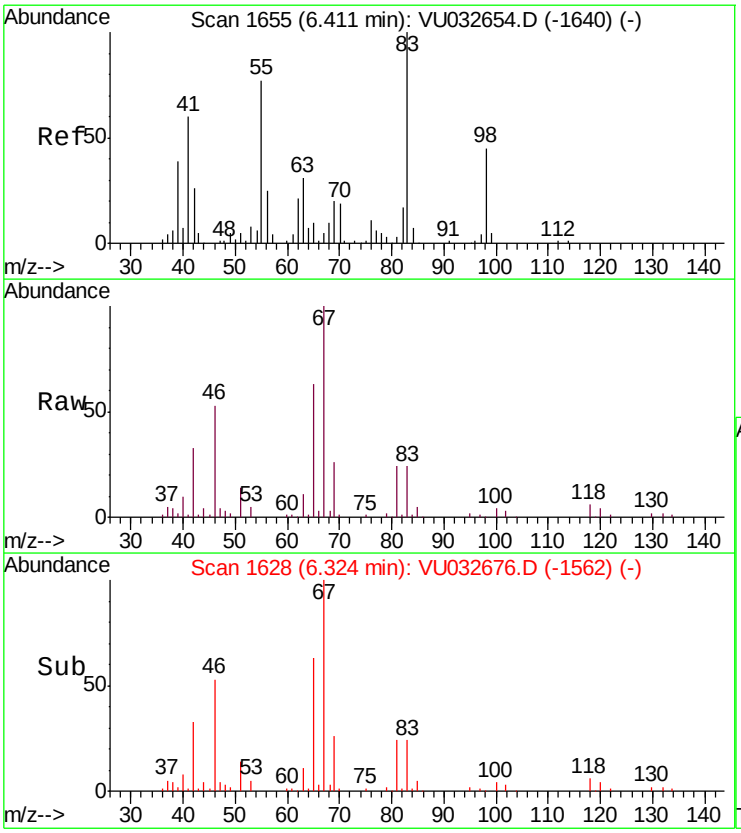
#34
Trichloroethene
Concen: 434.926 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Instrument : MSVOA_U
ClientSampleId : C0M11

Tgt Ion: 95 Resp: 536713

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.8	85.2
132	98.1	71.0	131.8
130	101.1	73.4	136.2

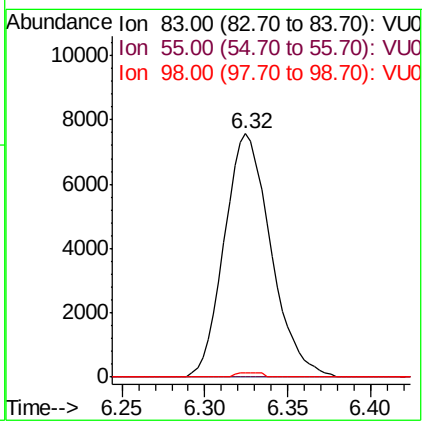


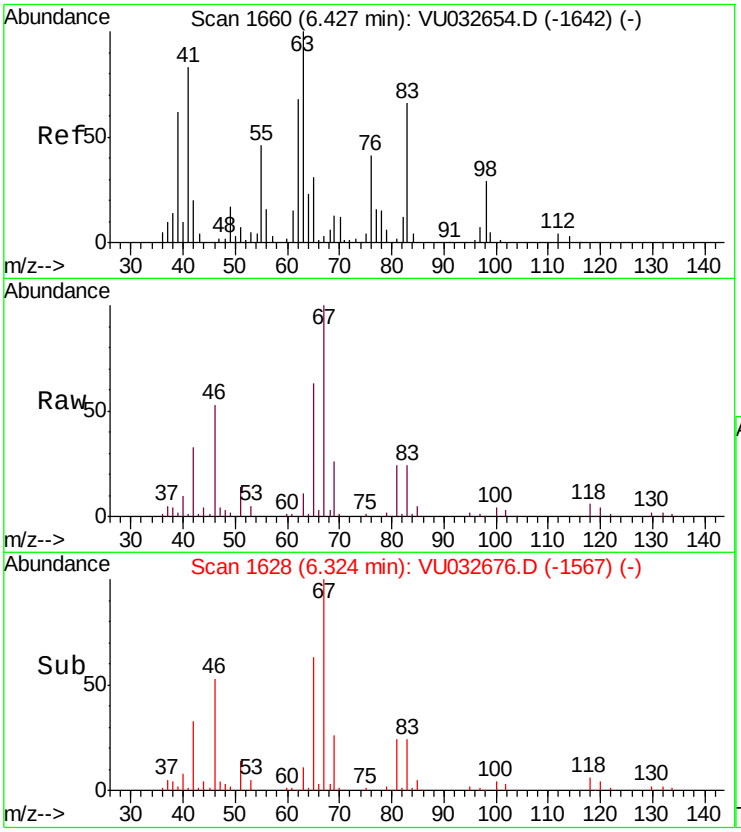


#35
Methylcyclohexane
Concen: 7.401 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Tgt Ion: 83 Resp: 14786

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.4#
98	0.0	37.4	56.2#



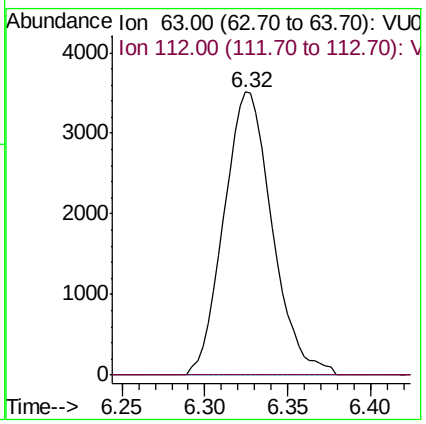


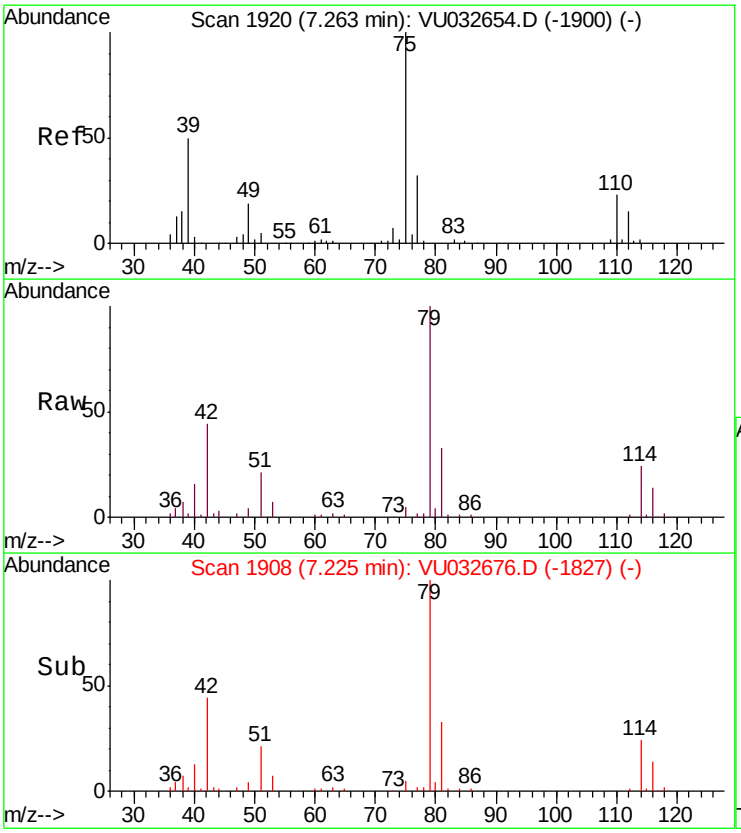
#37
1,2-Dichloropropane
Concen: 5.922 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Instrument : MSVOA_U
ClientSampleId : C0M11

Tgt Ion: 63 Resp: 7121

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

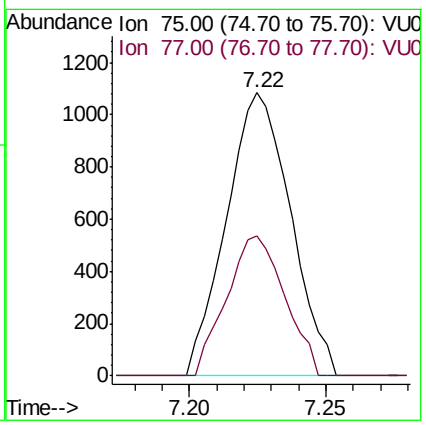


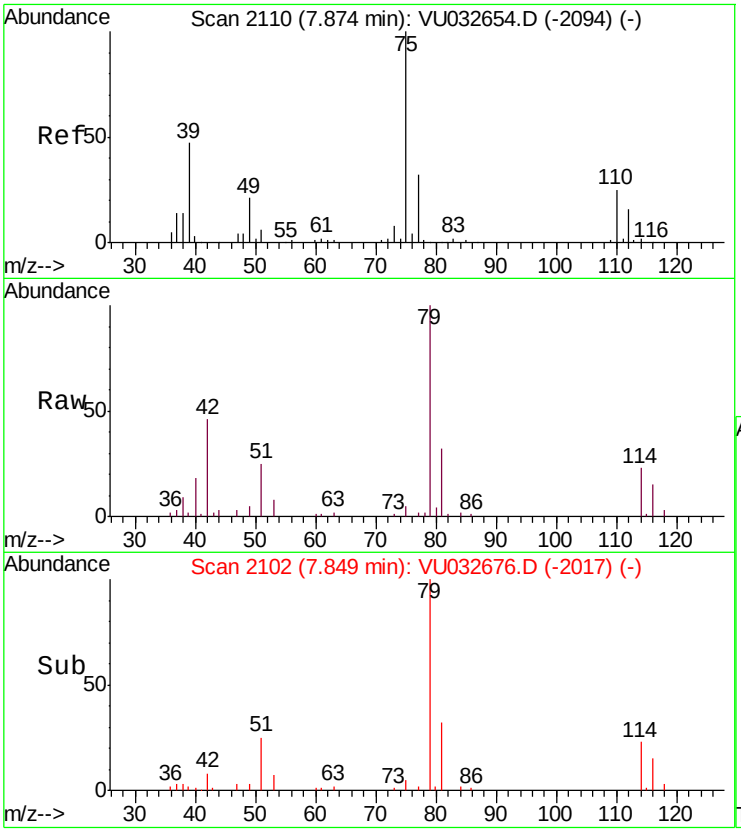


#39
cis-1,3-Dichloropropene
Concen: 0.934 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Tgt Ion: 75 Resp: 1771

Ion	Ratio	Lower	Upper
75	100		
77	49.4	22.0	41.0#



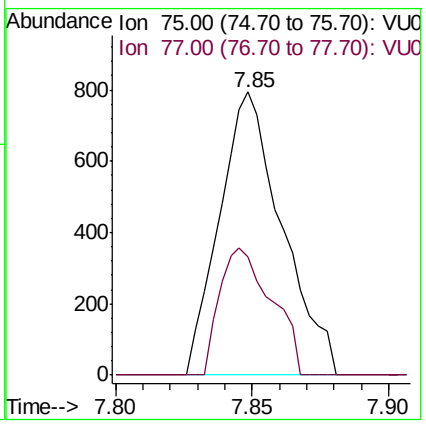


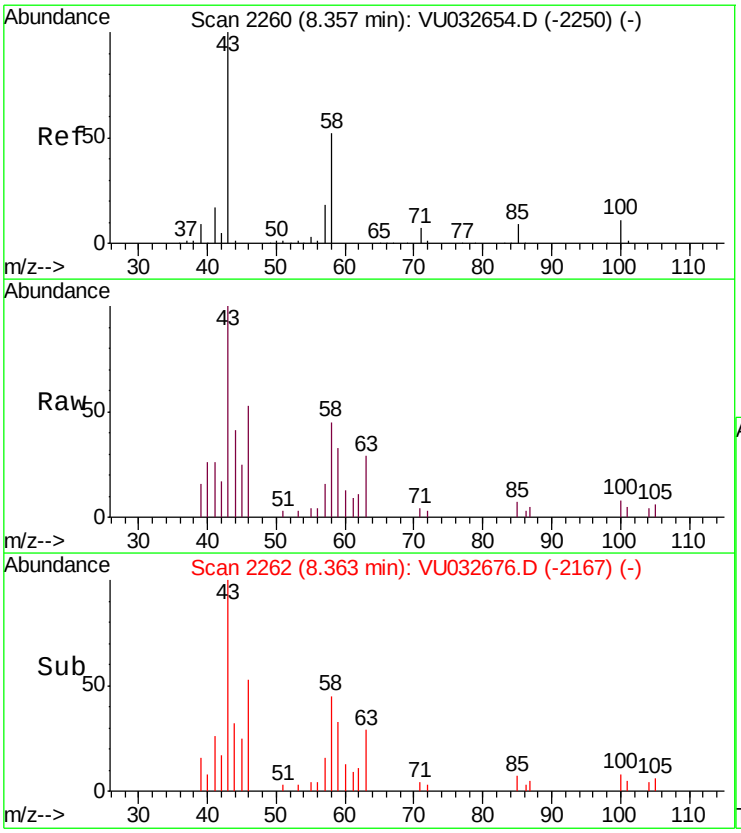
#44
trans-1,3-Dichloropropene
Concen: 0.751 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
C0M11

Tgt Ion: 75 Resp: 1265

Ion	Ratio	Lower	Upper
75	100		
77	41.6	22.1	41.1#

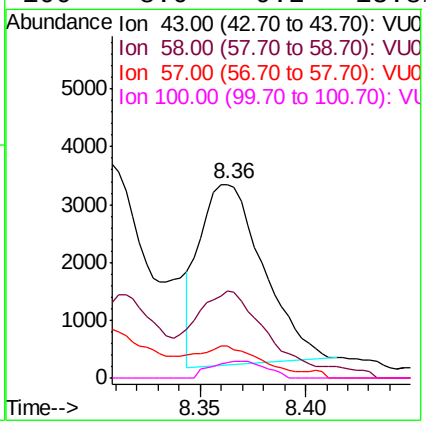


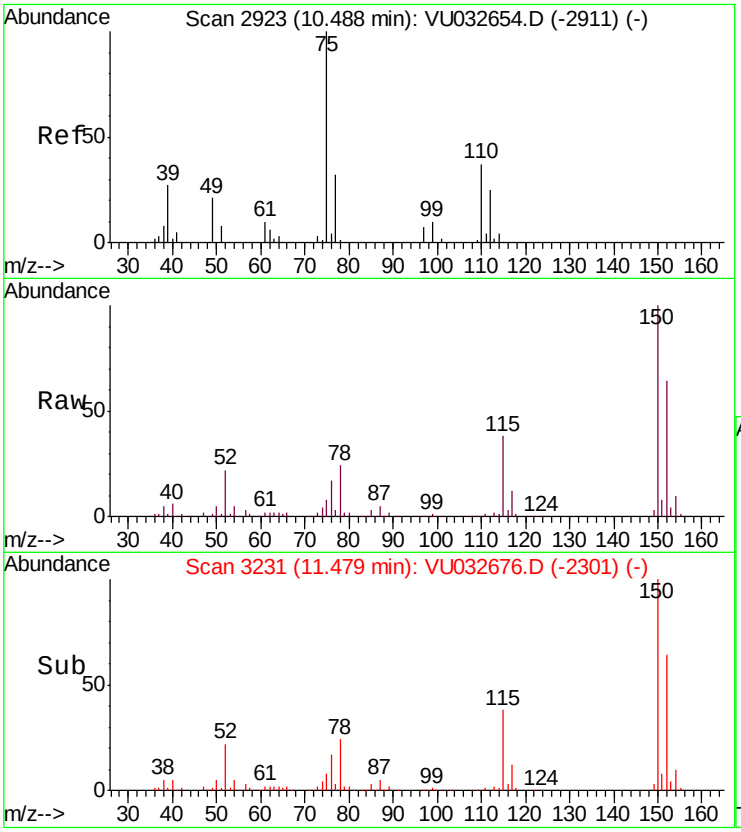


#48
2-Hexanone
Concen: 4.123 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Tgt Ion: 43 Resp: 6550

Ion	Ratio	Lower	Upper
43	100		
58	58.6	42.0	63.0
57	13.6	14.6	22.0#
100	8.0	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 5.926 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032676.D
Acq: 13 Jun 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
C0M11

Tgt Ion: 75 Resp: 9263

Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.6	38.4