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

Quantitation Report (Not Reviewed)

Data File : VU032664.D
Acq On : 12 Jun 2019 19:57
Operator : JC/SP
Sample : K3313-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0LY6

Quant Time: Jun 13 06:02:10 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	174718	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	166836	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78873	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	51165	45.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.28%			
7) Chloroethane-d5	1.68	69	41798	45.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.78%			
11) 1,1-Dichloroethene-d2	2.27	63	78684	35.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.90%			
21) 2-Butanone-d5	4.17	46	89070	93.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.89%			
24) Chloroform-d	4.64	84	98840	46.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.50%			
26) 1,2-Dichloroethane-d4	5.30	65	66767	50.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.26%			
32) Benzene-d6	5.33	84	196560	45.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.76%			
36) 1,2-Dichloropropane-d6	6.32	67	63451	46.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.44%			
41) Toluene-d8	7.56	98	179640	43.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.48%			
43) trans-1,3-Dichloropropene-	7.85	79	28862	44.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.82%			
47) 2-Hexanone-d5	8.31	63	55413	84.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87773	44.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	73171	48.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.86%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	633	0.593	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	3571	3.444	ug/L #	1
13) Acetone	2.32	43	2161	2.208	ug/L	87
20) cis-1,2-Dichloroethene	4.22	96	1763	1.387	ug/L	93
27) 1,2-Dichloroethane	5.34	62	1116	0.668	ug/L #	75
34) Trichloroethene	6.18	95	48086	37.705	ug/L	97
35) Methylcyclohexane	6.32	83	14312	6.932	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	7311	5.884	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2056	1.049	ug/L #	80
44) trans-1,3-Dichloropropene	7.85	75	1364	0.784	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	9691	5.999	ug/L	91

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

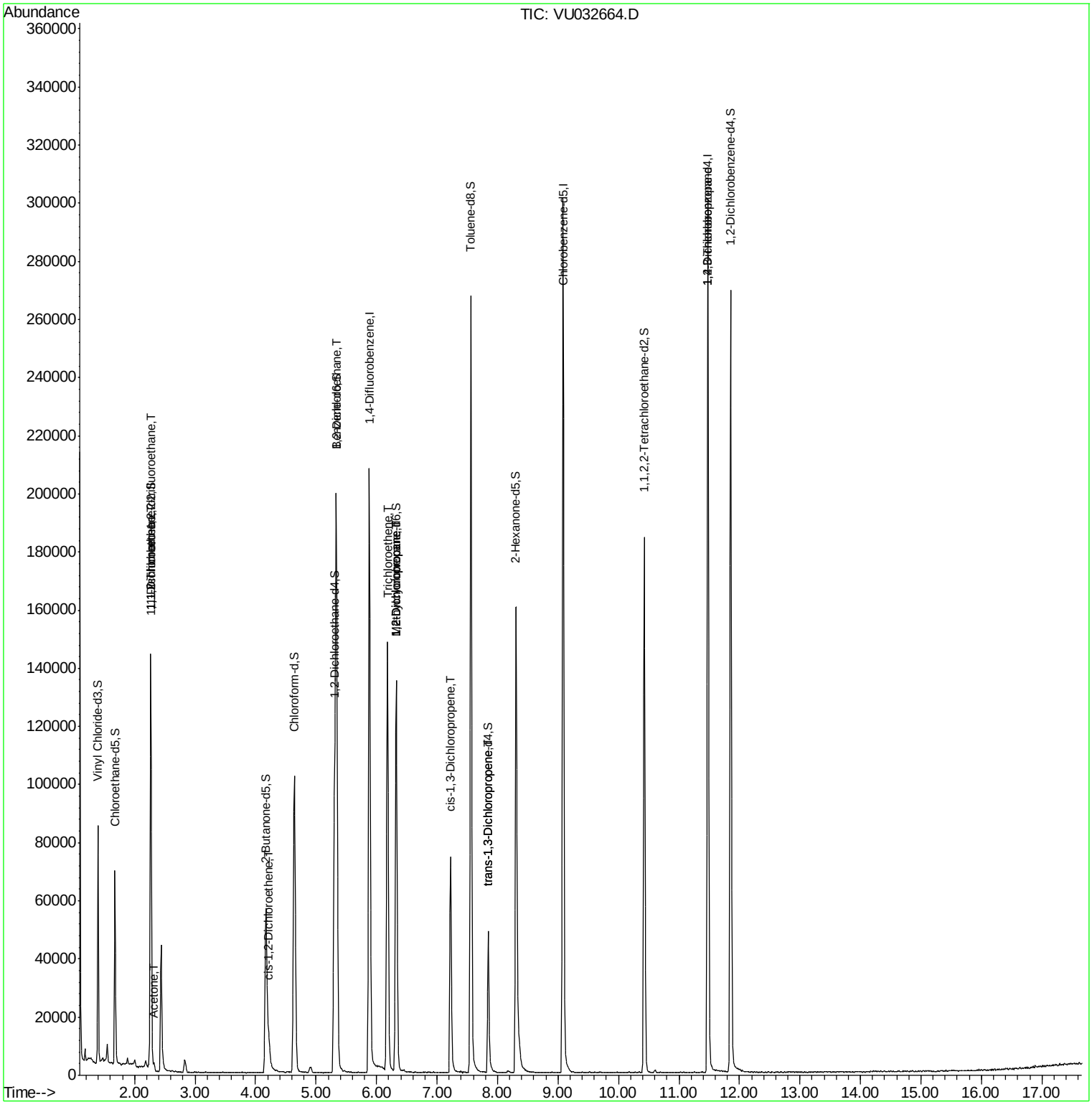
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

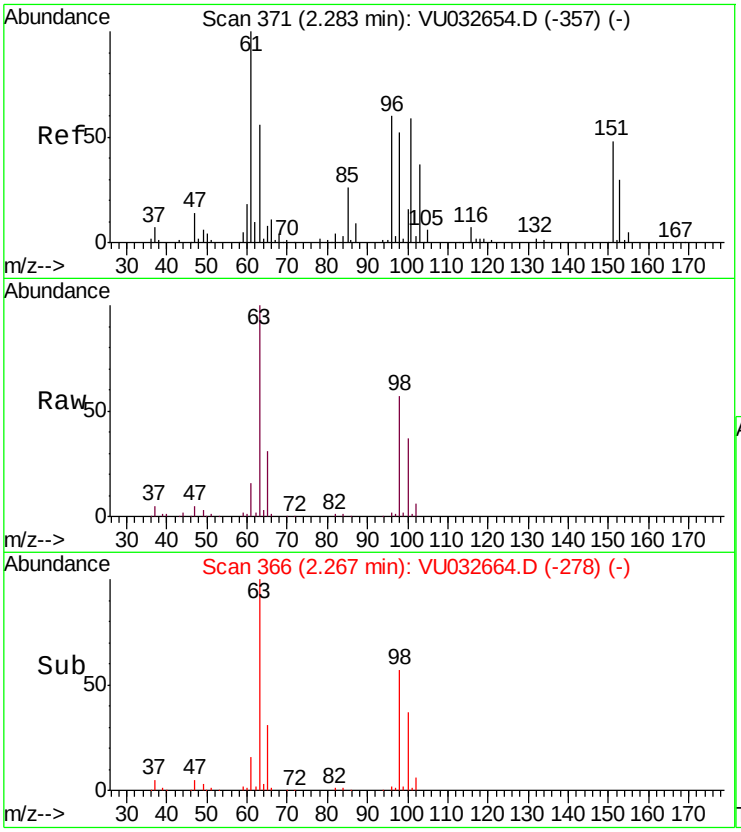
Quantitation Report (Not Reviewed)

Data File : VU032664.D
Acq On : 12 Jun 2019 19:57
Operator : JC/SP
Sample : K3313-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0LY6

Quant Time: Jun 13 06:02:10 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



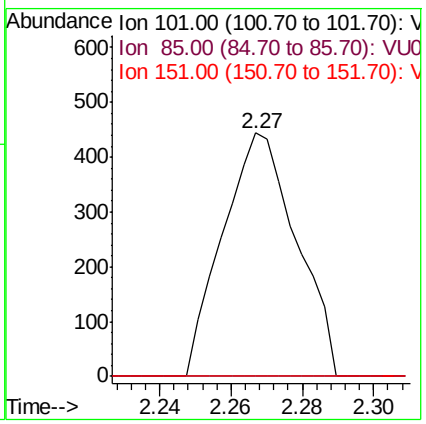


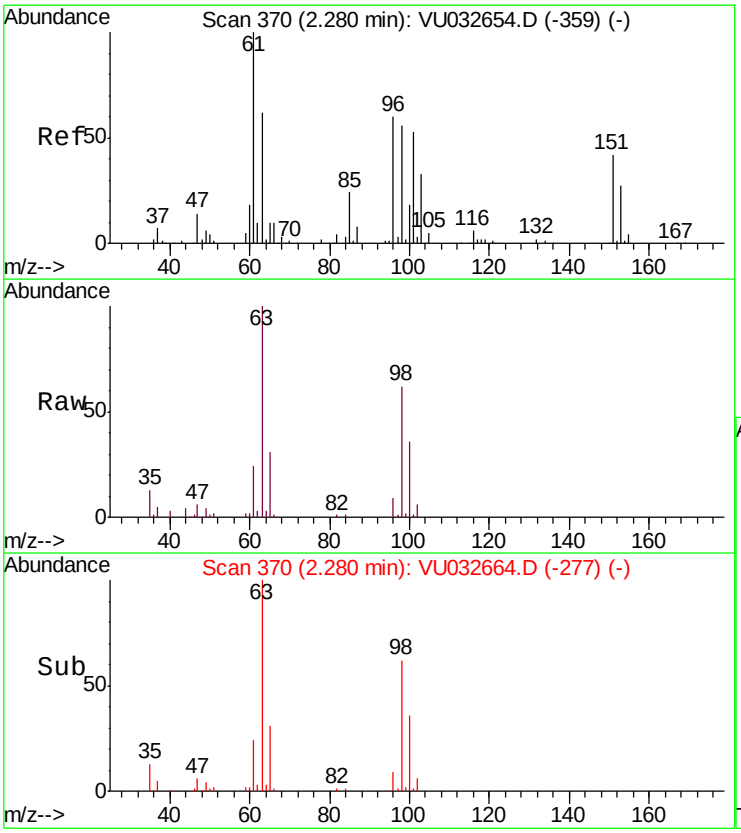
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.593 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU032664.D
Acq: 12 Jun 2019 19:57

Instrument :
MSVOA_U
ClientSampleId :
C0LY6

Tgt Ion:101 Resp: 633

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

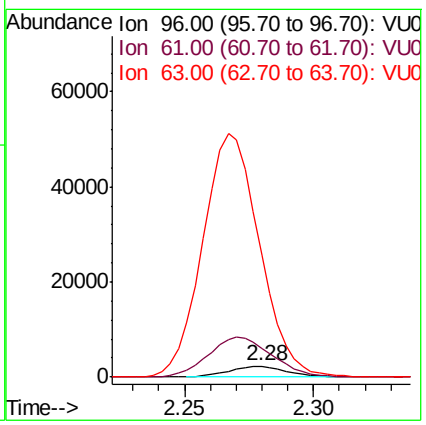


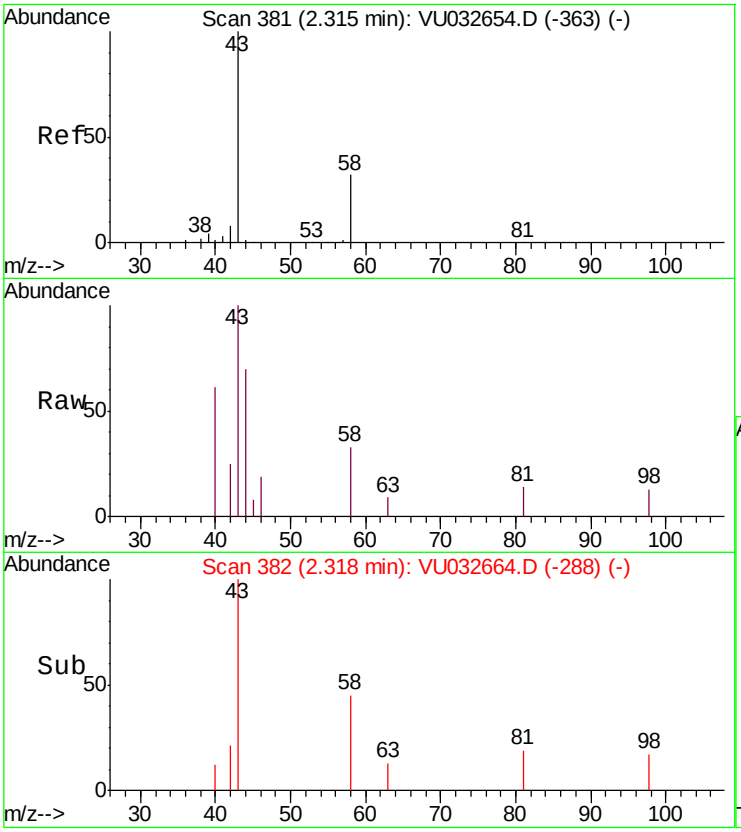


#12
1,1-Dichloroethene
Concen: 3.444 ug/L
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU032664.D
Acq: 12 Jun 2019 19:57

Tgt Ion: 96 Resp: 3571

Ion	Ratio	Lower	Upper
96	100		
61	269.6	129.5	240.5#
63	1135.4	103.4	192.0#



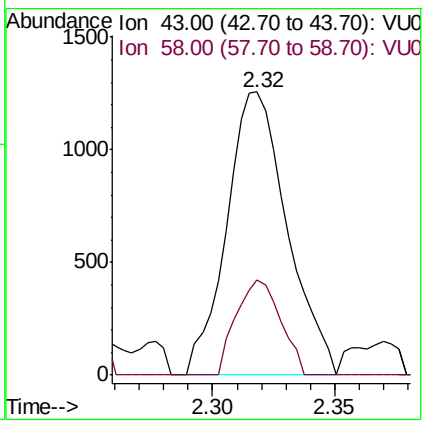


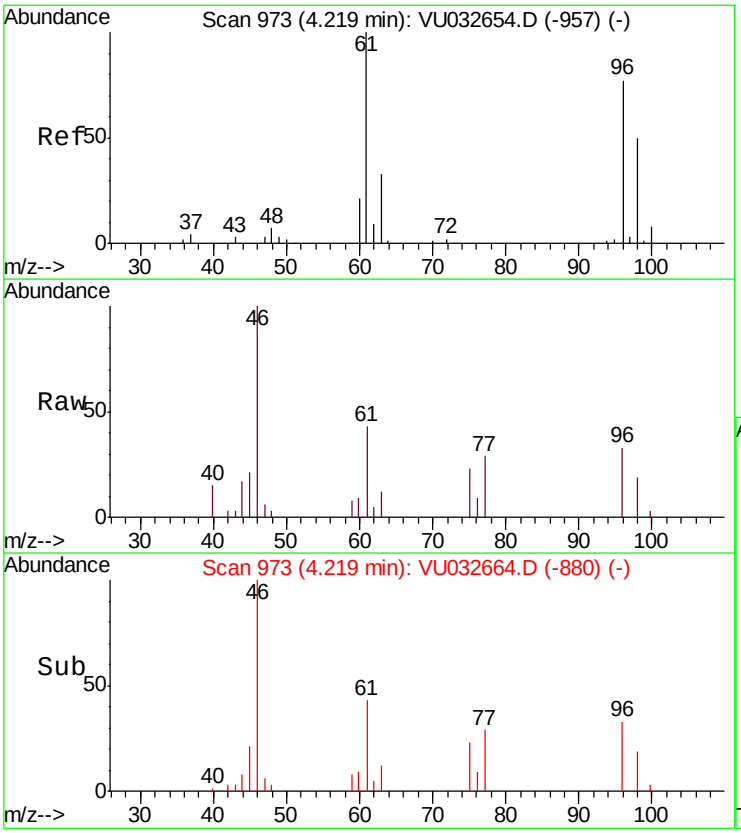
#13
Acetone
Concen: 2.208 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032664.D
Acq: 12 Jun 2019 19:57

Instrument :
MSVOA_U
ClientSampleId :
C0LY6

Tgt Ion: 43 Resp: 2161

Ion	Ratio	Lower	Upper
43	100		
58	24.6	0.0	64.0

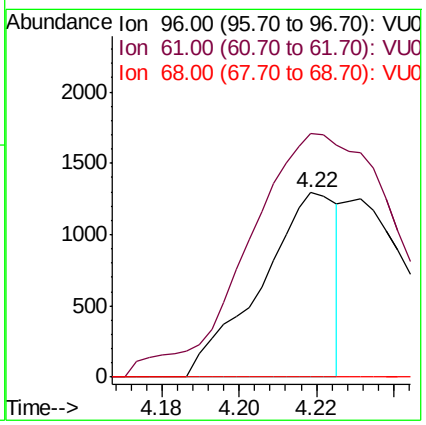


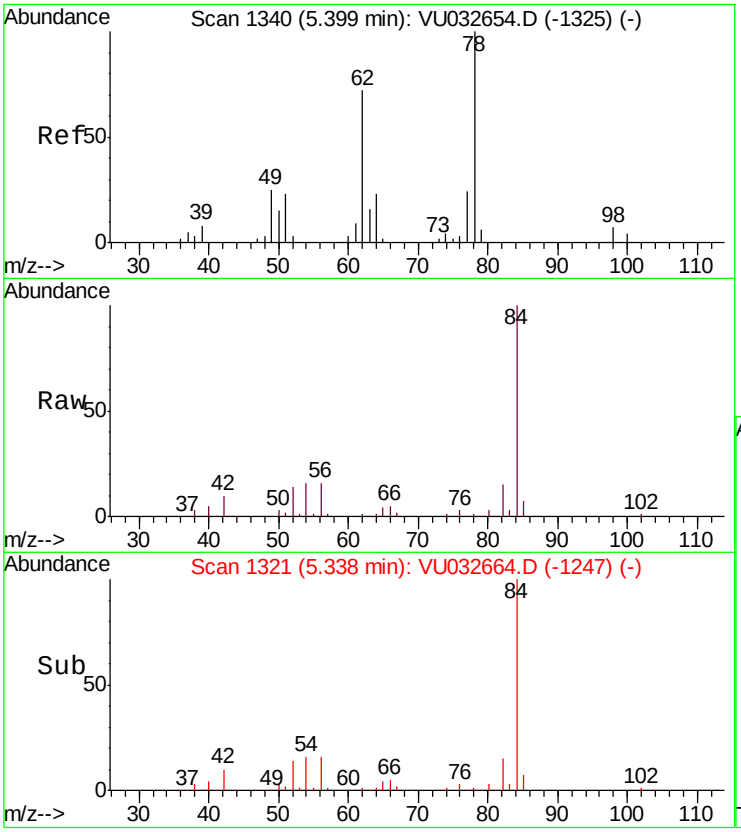


#20
cis-1,2-Dichloroethene
Concen: 1.387 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032664.D
Acq: 12 Jun 2019 19:57

Tgt Ion: 96 Resp: 1763

Ion	Ratio	Lower	Upper
96	100		
61	132.0	87.2	162.0
68	0.0	0.0	0.0



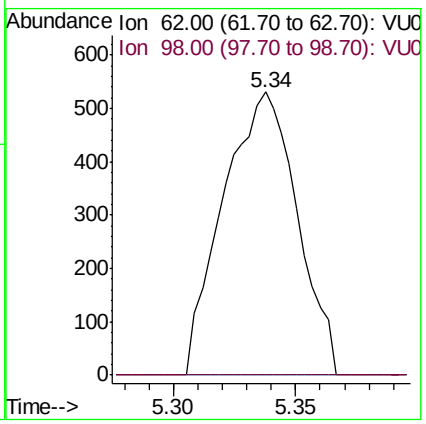


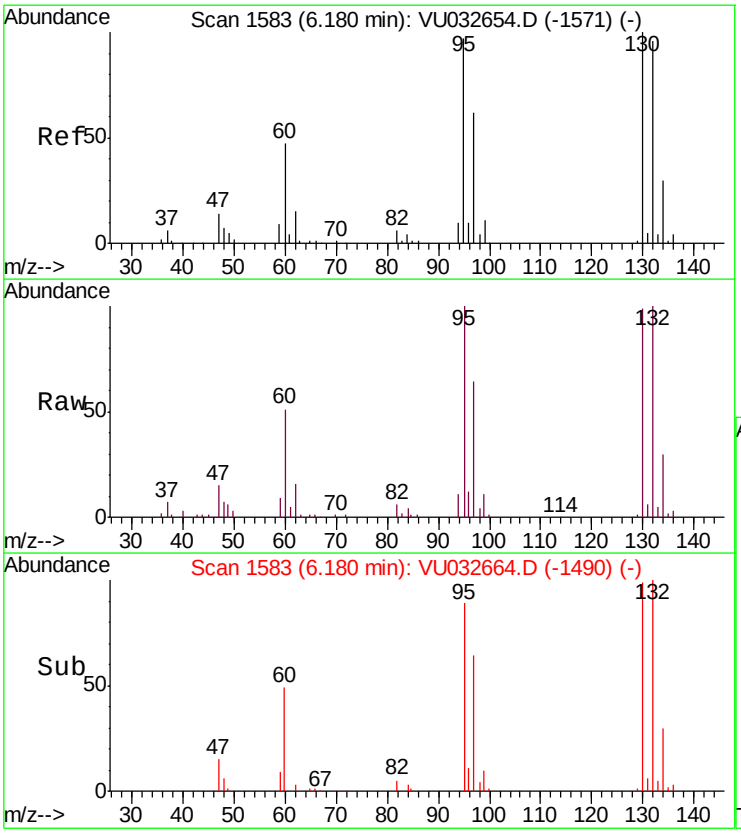
#27
1,2-Dichloroethane
Concen: 0.668 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.06 min
Lab File: VU032664.D
Acq: 12 Jun 2019 19:57

Instrument : MSVOA_U
ClientSampleId : C0LY6

Tgt Ion: 62 Resp: 1116

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

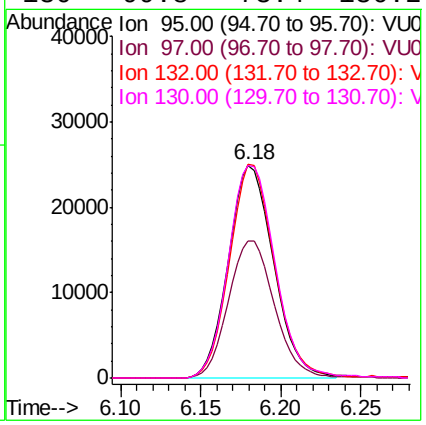


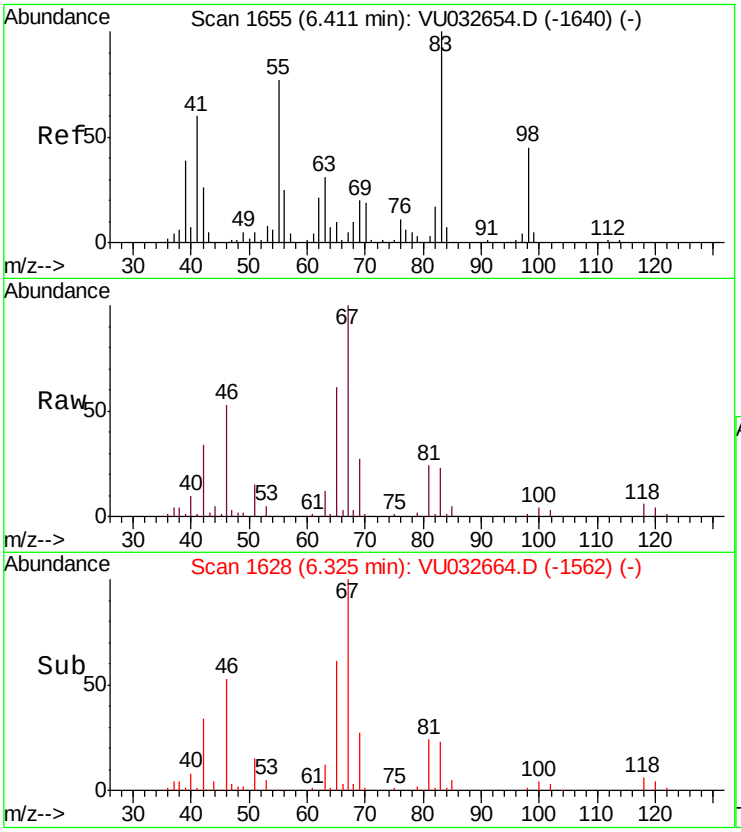


#34
Trichloroethene
Concen: 37.705 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032664.D
Acq: 12 Jun 2019 19:57

Tgt Ion: 95 Resp: 48086

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.8	85.2
132	100.4	71.0	131.8
130	99.8	73.4	136.2



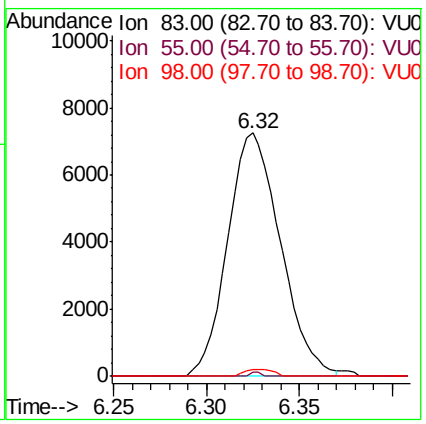


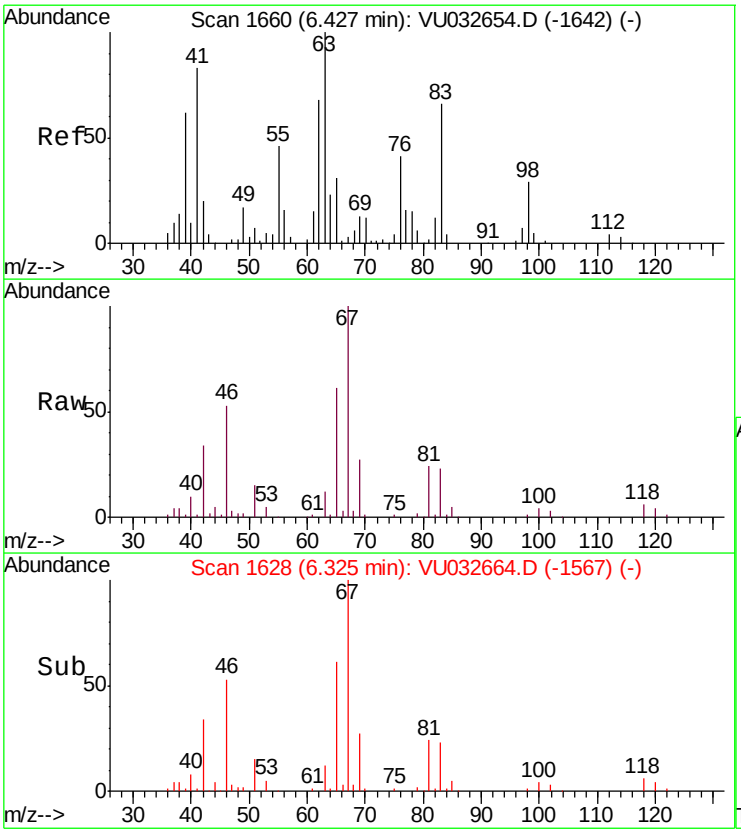
#35
Methylcyclohexane
Concen: 6.932 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU032664.D
Acq: 12 Jun 2019 19:57

Instrument : MSVOA_U
ClientSampleId : C0LY6

Tgt Ion: 83 Resp: 14312

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.2	90.4#
98	1.5	37.4	56.2#

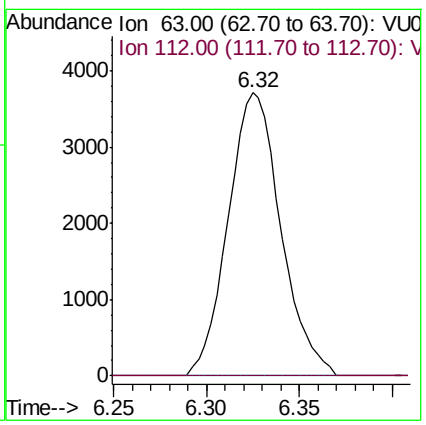


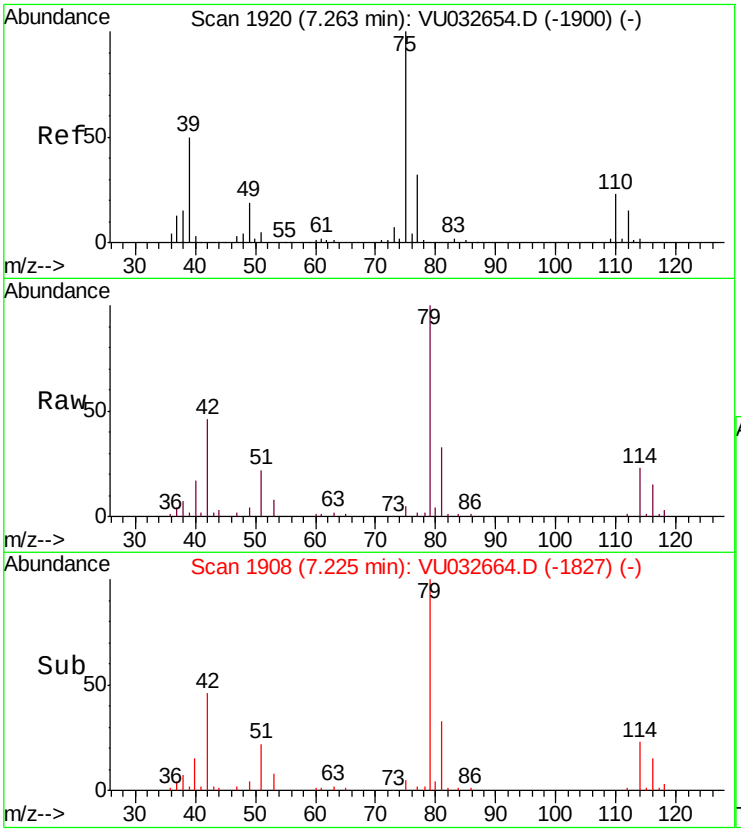


#37
1,2-Dichloropropane
Concen: 5.884 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032664.D
Acq: 12 Jun 2019 19:57

Tgt Ion: 63 Resp: 7311

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



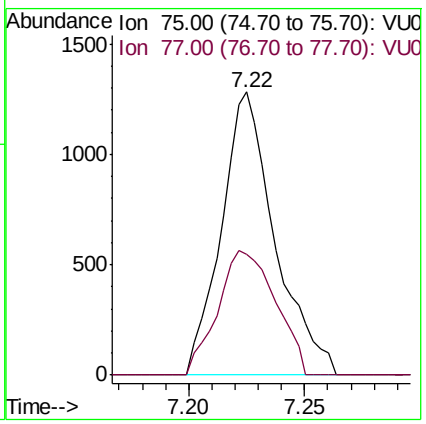


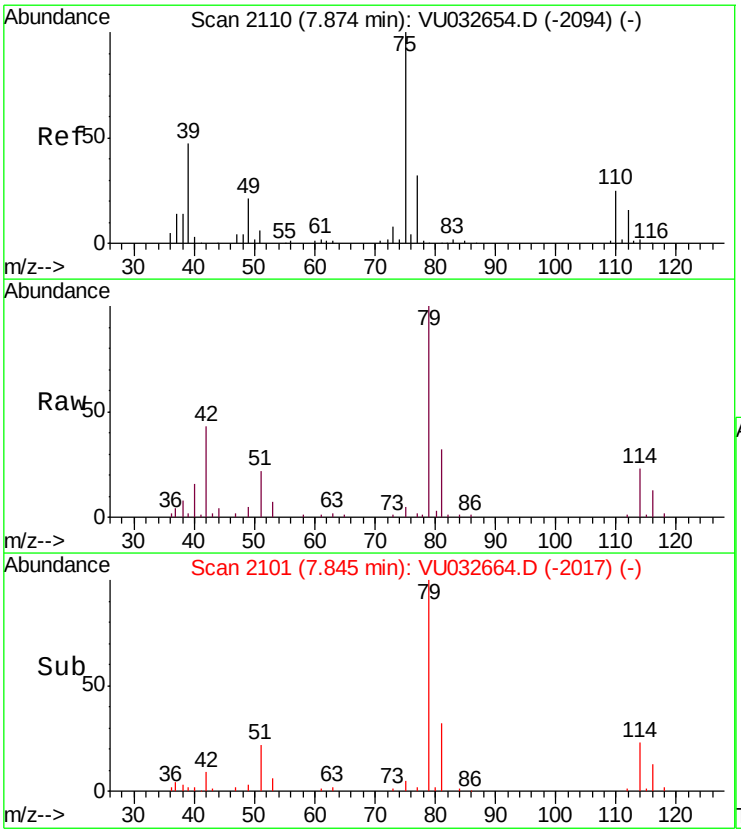
#39
cis-1,3-Dichloropropene
Concen: 1.049 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032664.D
Acq: 12 Jun 2019 19:57

Instrument :
MSVOA_U
ClientSampleId :
C0LY6

Tgt Ion: 75 Resp: 2056

Ion	Ratio	Lower	Upper
75	100		
77	42.8	22.0	41.0#

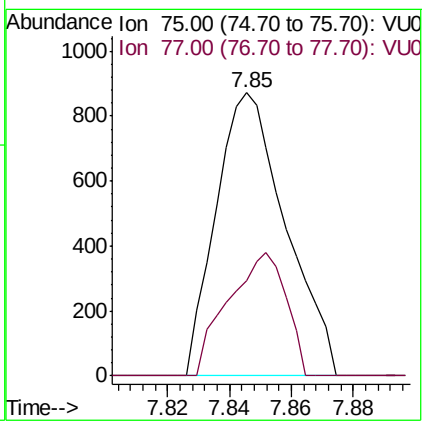


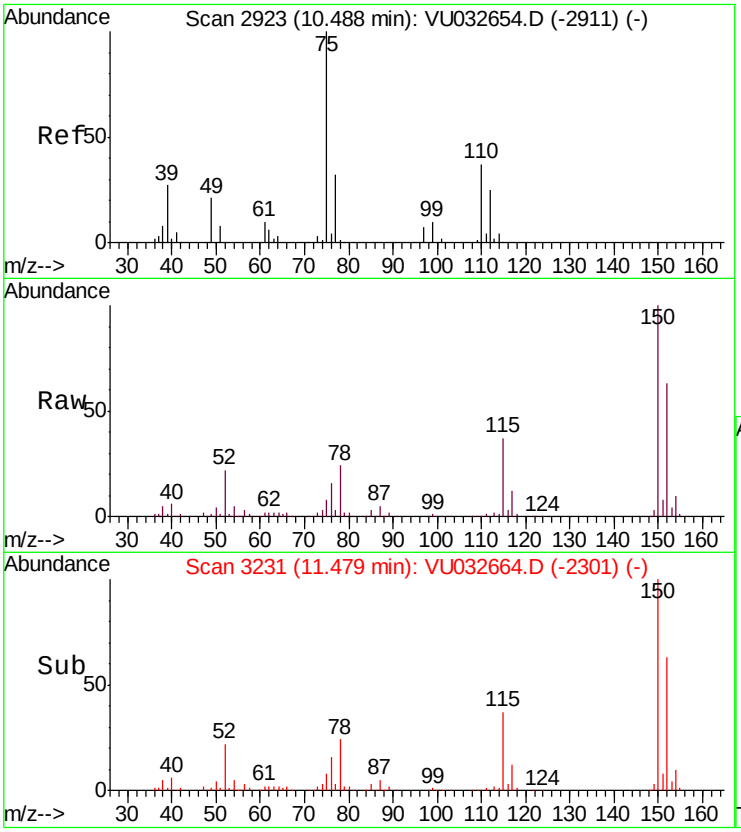


#44
trans-1,3-Dichloropropene
Concen: 0.784 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032664.D
Acq: 12 Jun 2019 19:57

Tgt Ion: 75 Resp: 1364

Ion	Ratio	Lower	Upper
75	100		
77	33.5	22.1	41.1





#59
1,2,3-Trichloropropane
Concen: 5.999 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032664.D
Acq: 12 Jun 2019 19:57

Instrument :
MSVOA_U
ClientSampleId :
C0LY6

Tgt Ion: 75 Resp: 9691

Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.6	38.4