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

Quantitation Report (Not Reviewed)

Data File : VU032648.D
Acq On : 12 Jun 2019 13:47
Operator : JC/SP
Sample : K3286-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JW5

Quant Time: Jun 13 05:05:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	170693	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	160177	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	80513	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	56131	50.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.36%			
7) Chloroethane-d5	1.68	69	44449	49.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.90%			
11) 1,1-Dichloroethene-d2	2.27	63	83147	38.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.70%			
21) 2-Butanone-d5	4.17	46	99320	107.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.17%			
24) Chloroform-d	4.64	84	101883	49.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.66%			
26) 1,2-Dichloroethane-d4	5.31	65	68222	52.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.86%			
32) Benzene-d6	5.33	84	209190	50.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.62%			
36) 1,2-Dichloropropane-d6	6.32	67	66959	51.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.70%			
41) Toluene-d8	7.56	98	195336	49.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.08%			
43) trans-1,3-Dichloropropene-	7.85	79	31794	50.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.90%			
47) 2-Hexanone-d5	8.31	63	75061	118.68	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.68%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96868	51.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	77057	49.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.94%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	780	0.748	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	626	0.618	ug/L #	1
13) Acetone	2.33	43	8134	8.506	ug/L	98
16) Methylene chloride	2.70	84	2911	2.519	ug/L	96
27) 1,2-Dichloroethane	5.33	62	1075	0.659	ug/L #	75
34) Trichloroethene	6.18	95	6445	5.264	ug/L	94
35) Methylcyclohexane	6.32	83	15158	7.647	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7443	6.239	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2243	1.192	ug/L #	49
44) trans-1,3-Dichloropropene	7.85	75	1533	0.918	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	9203	5.934	ug/L	91

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

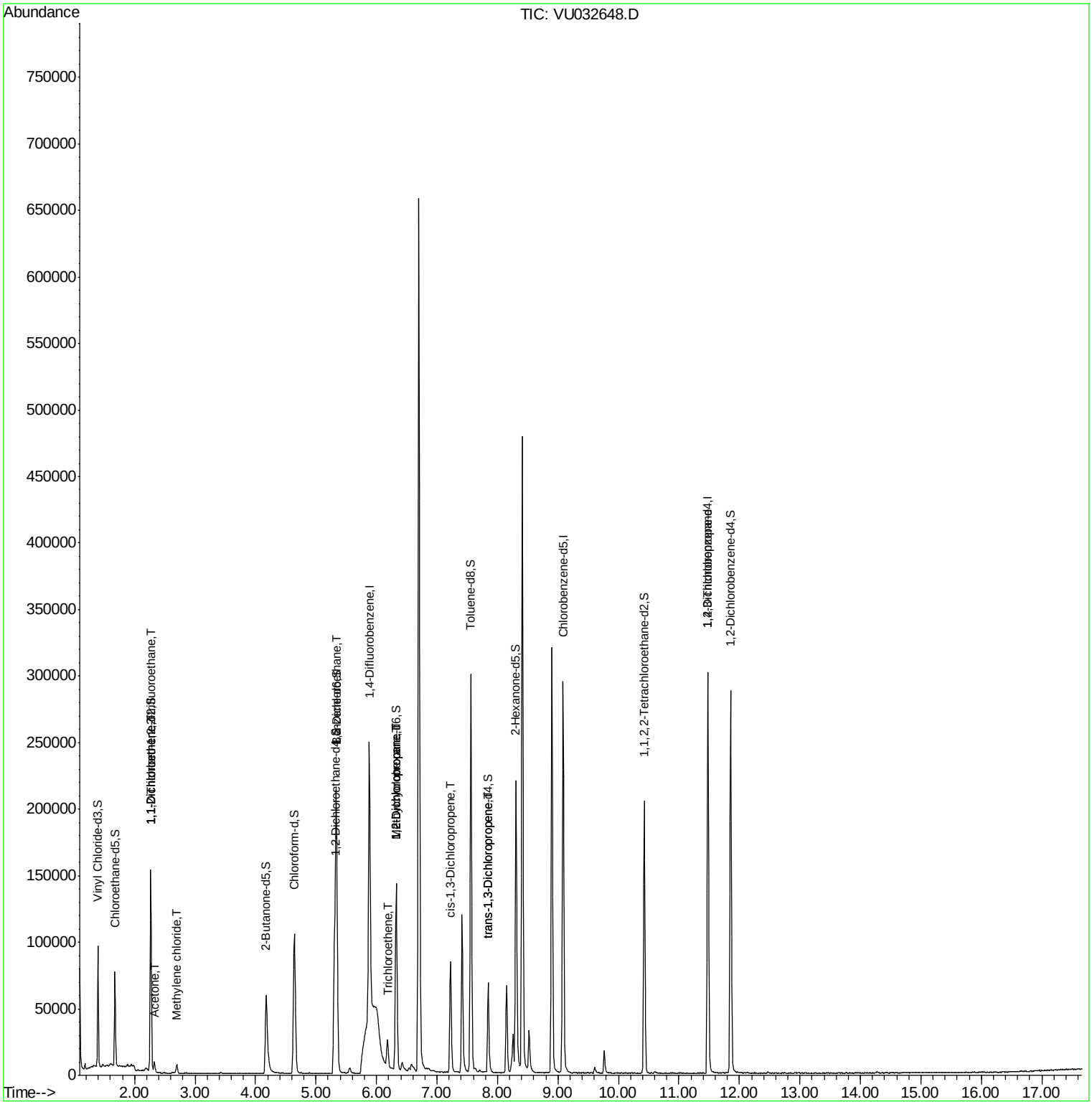
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

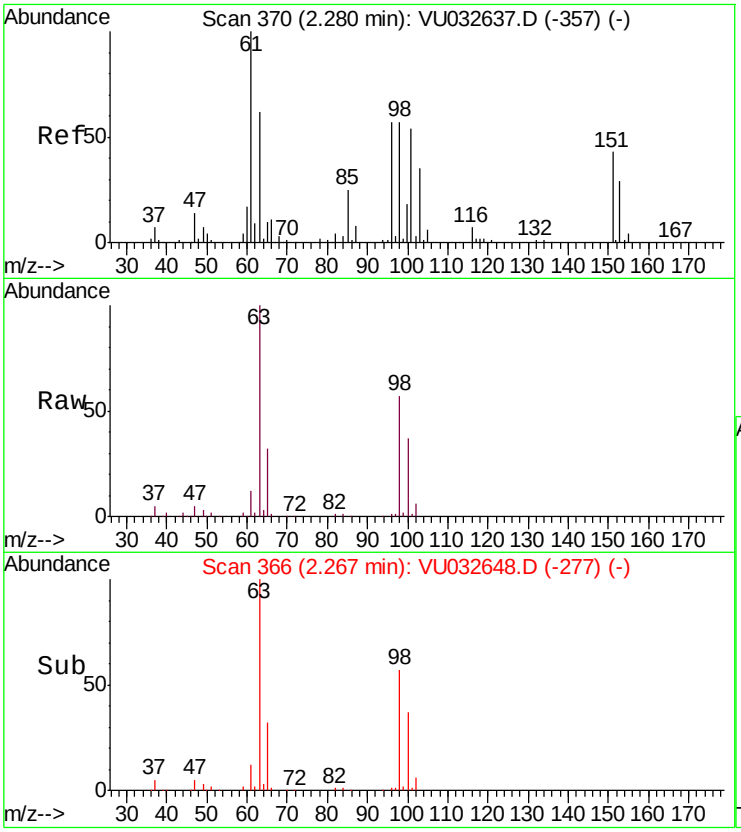
Quantitation Report (Not Reviewed)

Data File : VU032648.D
Acq On : 12 Jun 2019 13:47
Operator : JC/SP
Sample : K3286-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JW5

Quant Time: Jun 13 05:05:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration



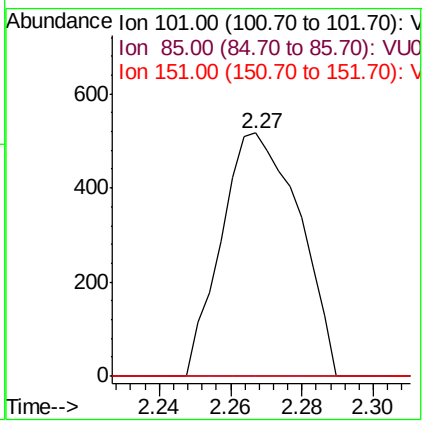


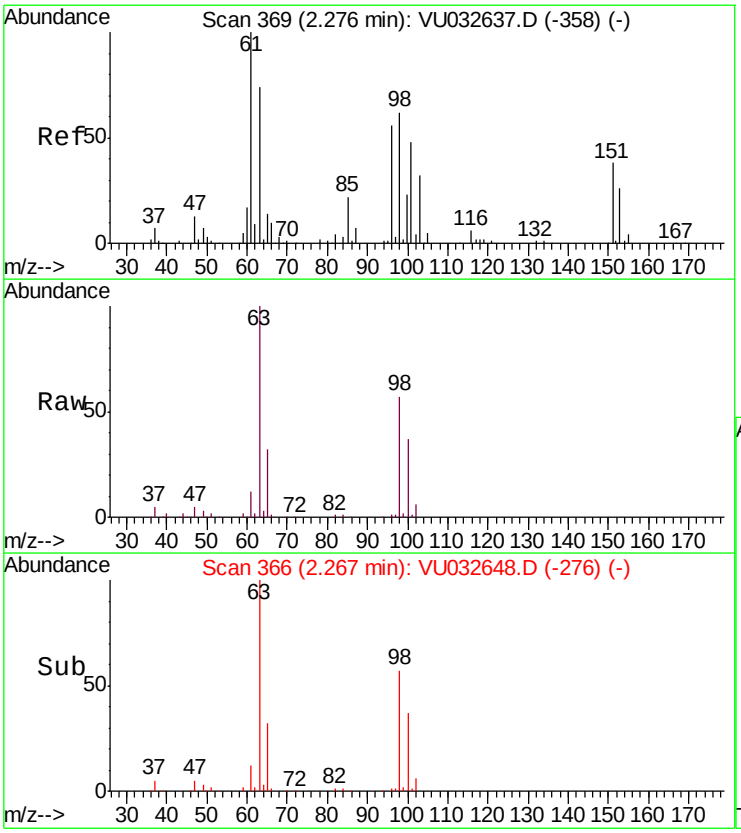
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.748 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032648.D
Acq: 12 Jun 2019 13:47

Instrument :
MSVOA_U
ClientSampleId :
C0JW5

Tgt Ion:101 Resp: 780

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

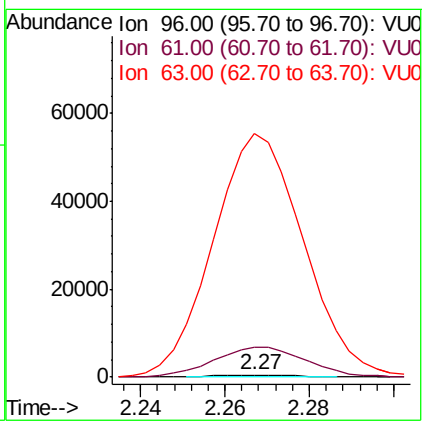


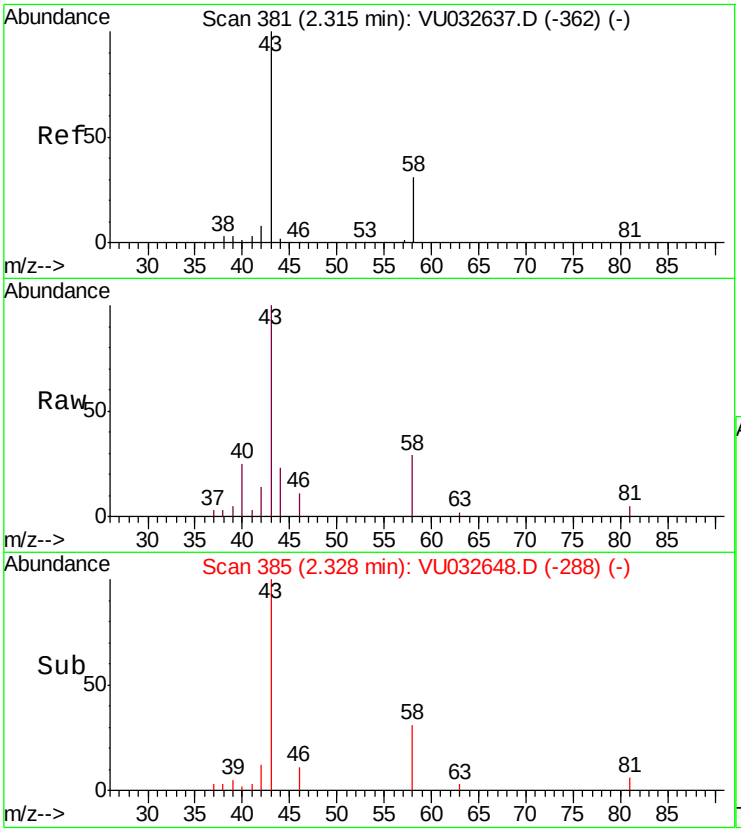


#12
1,1-Dichloroethene
Concen: 0.618 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032648.D
Acq: 12 Jun 2019 13:47

Tgt Ion: 96 Resp: 626

Ion	Ratio	Lower	Upper
96	100		
61	1436.3	129.5	240.5#
63	11493.8	103.4	192.0#



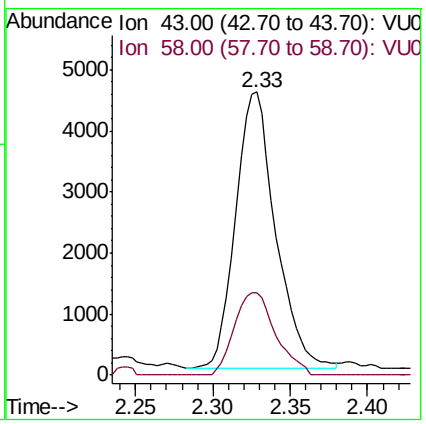


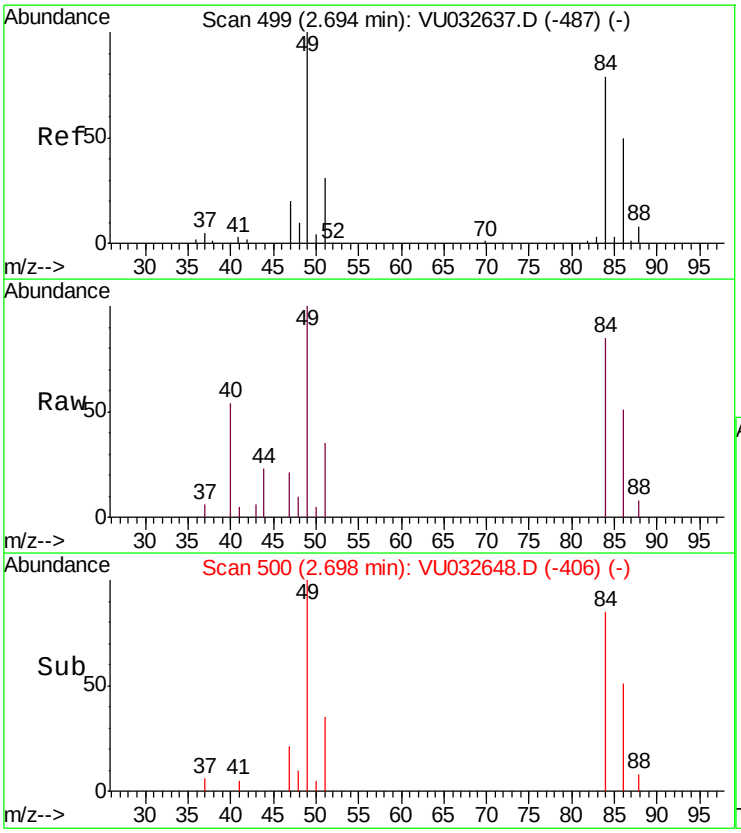
#13
Acetone
Concen: 8.506 ug/L
RT: 2.33 min Scan# 385
Delta R.T. 0.01 min
Lab File: VU032648.D
Acq: 12 Jun 2019 13:47

Instrument : MSVOA_U
ClientSampleId : C0JW5

Tgt Ion: 43 Resp: 8134

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	64.0

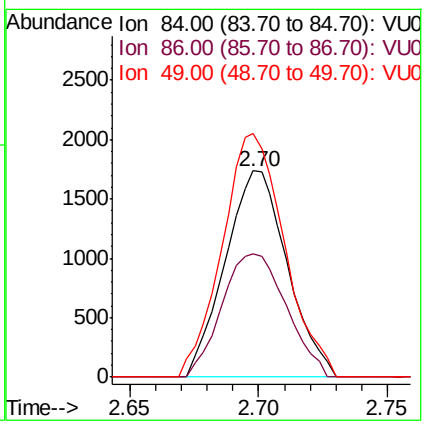


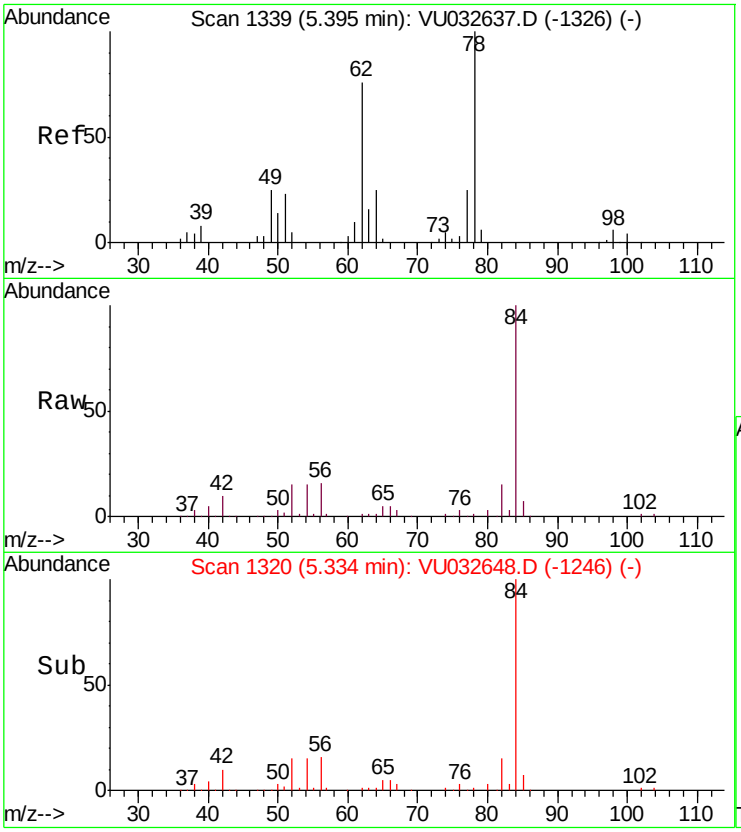


#16
Methylene chloride
Concen: 2.519 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032648.D
Acq: 12 Jun 2019 13:47

Tgt Ion: 84 Resp: 2911

Ion	Ratio	Lower	Upper
84	100		
86	60.0	44.7	82.9
49	118.2	86.1	159.9



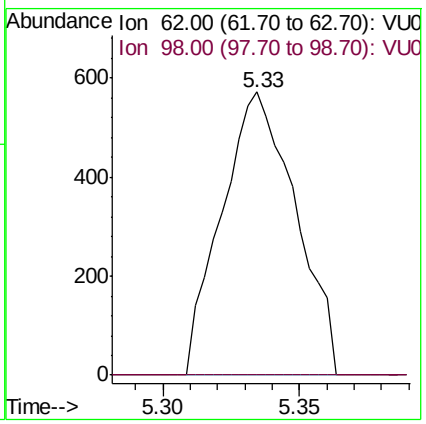


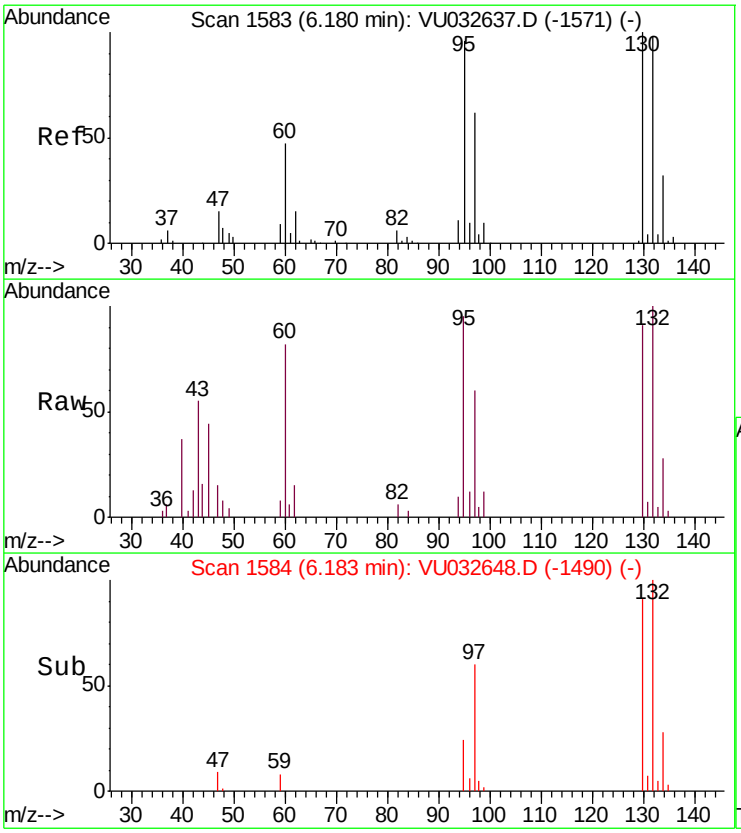
#27
1,2-Dichloroethane
Concen: 0.659 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032648.D
Acq: 12 Jun 2019 13:47

Instrument : MSVOA_U
ClientSampleId : C0JW5

Tgt Ion: 62 Resp: 1075

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

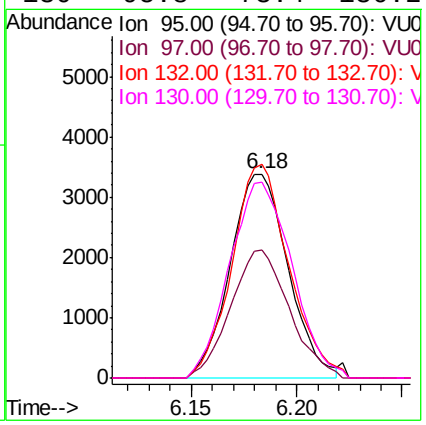


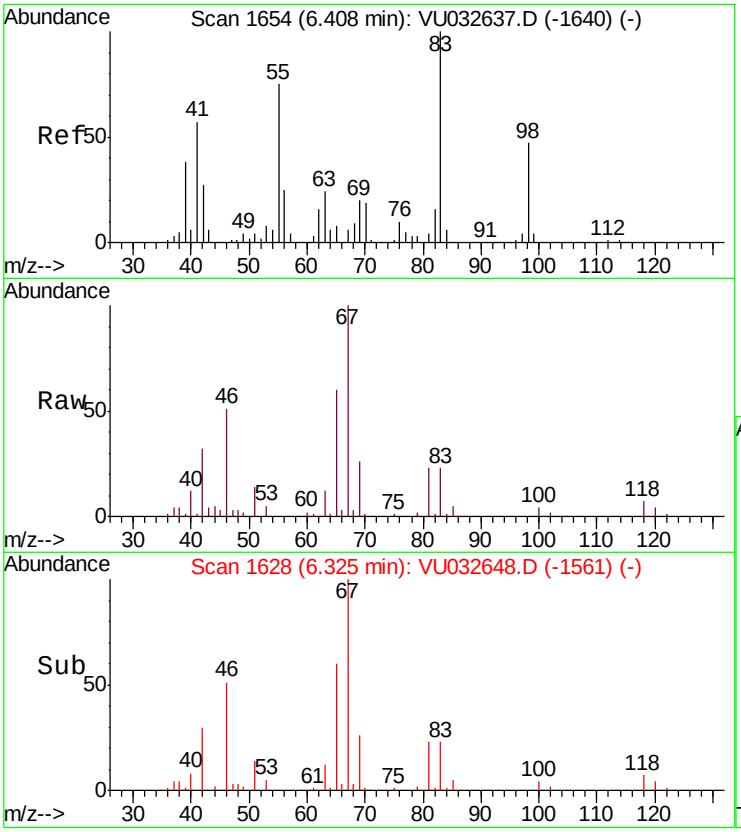


#34
Trichloroethene
Concen: 5.264 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032648.D
Acq: 12 Jun 2019 13:47

Tgt Ion: 95 Resp: 6445

Ion	Ratio	Lower	Upper
95	100		
97	62.5	45.8	85.2
132	104.8	71.0	131.8
130	95.8	73.4	136.2



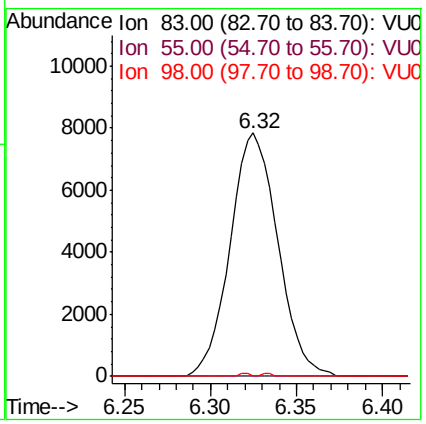


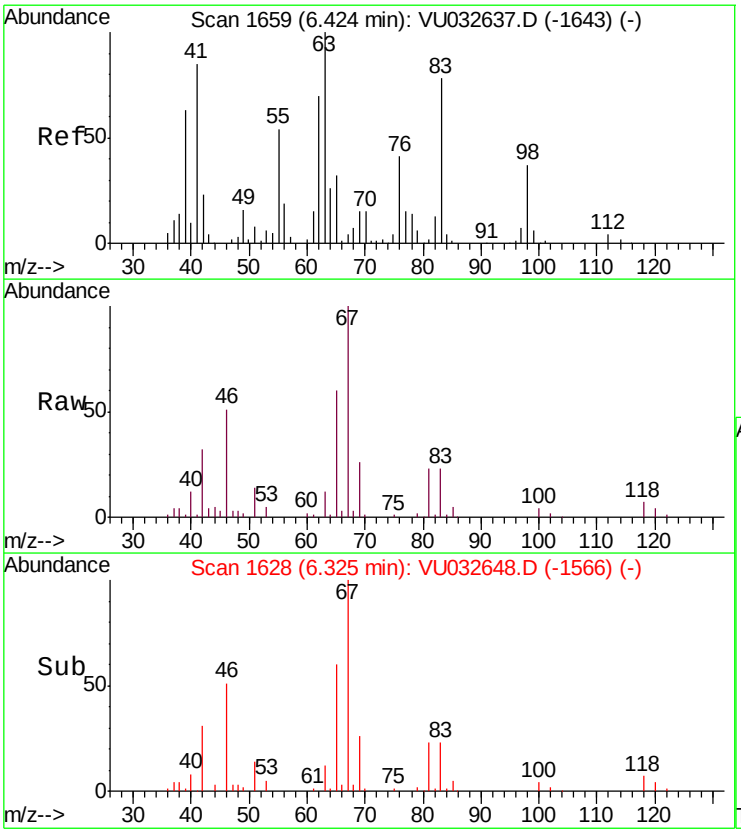
#35
Methylcyclohexane
Concen: 7.647 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032648.D
Acq: 12 Jun 2019 13:47

Instrument :
MSVOA_U
ClientSampleId :
C0JW5

Tgt Ion: 83 Resp: 15158

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.4#
98	0.3	37.4	56.2#

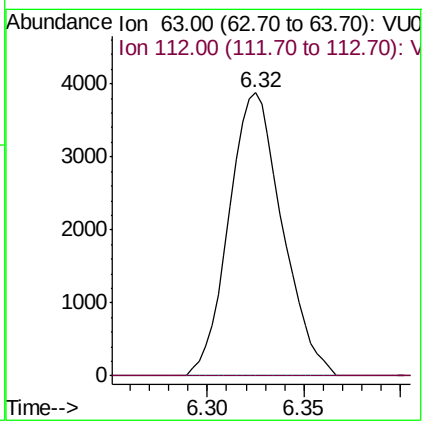


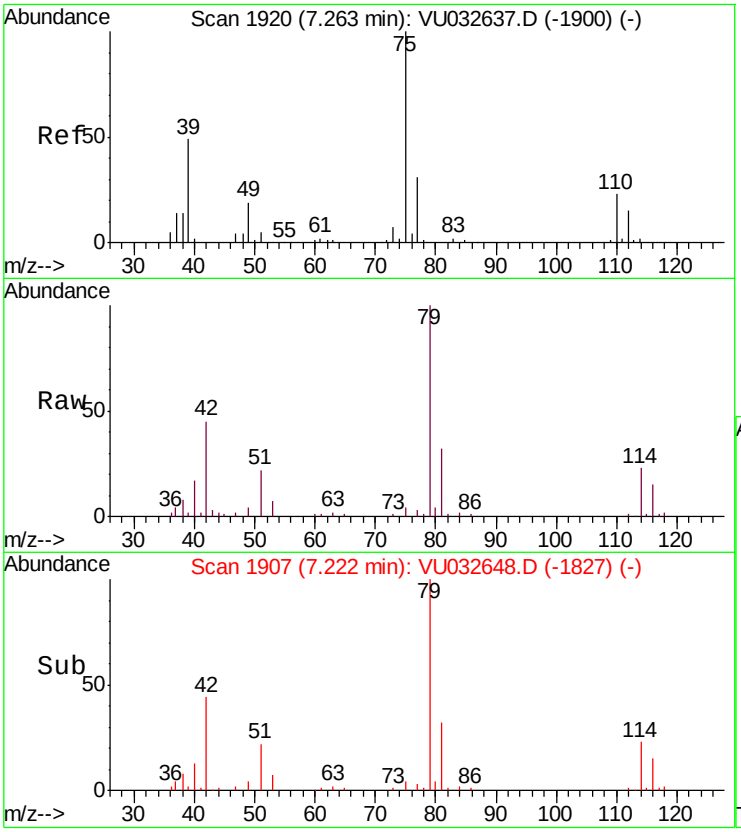


#37
1,2-Dichloropropane
Concen: 6.239 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032648.D
Acq: 12 Jun 2019 13:47

Tgt Ion: 63 Resp: 7443

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



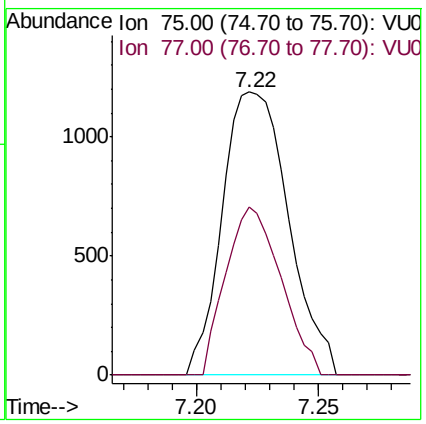


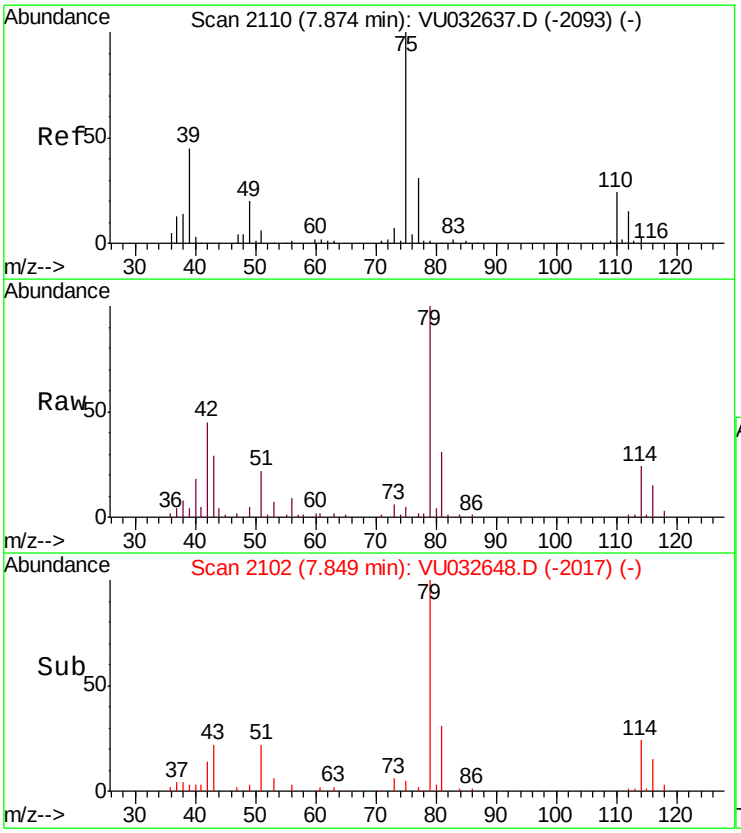
#39
cis-1,3-Dichloropropene
Concen: 1.192 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032648.D
Acq: 12 Jun 2019 13:47

Instrument :
MSVOA_U
ClientSampleId :
C0JW5

Tgt Ion: 75 Resp: 2243

Ion	Ratio	Lower	Upper
75	100		
77	59.5	22.0	41.0#

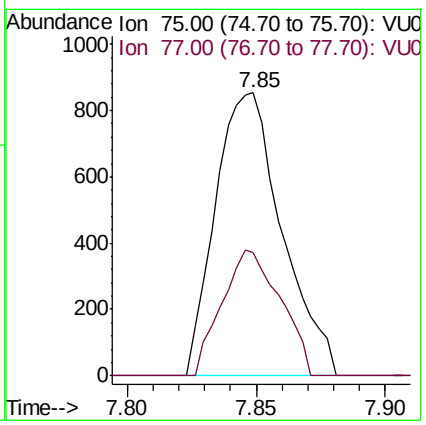


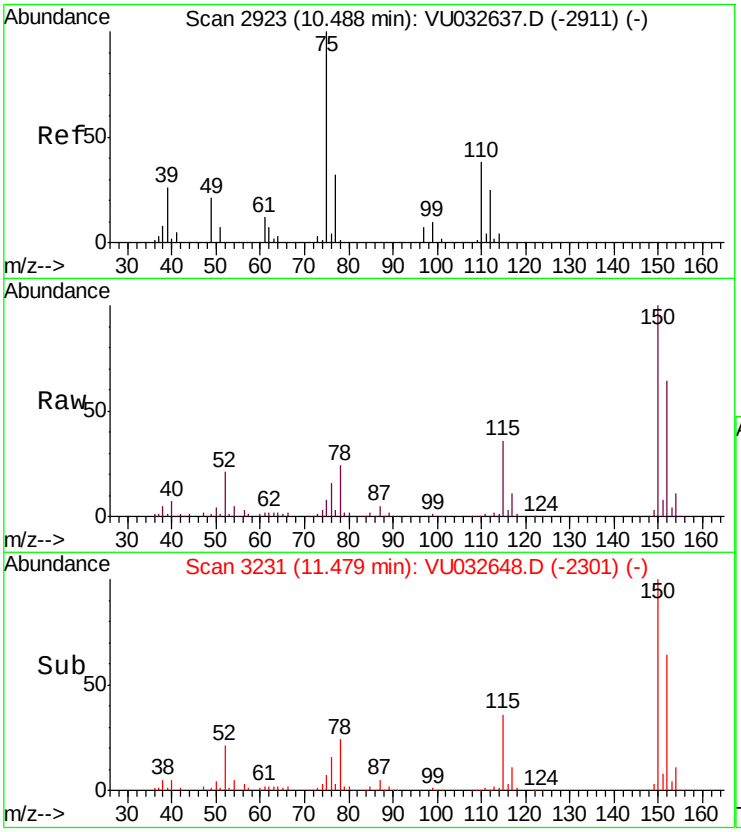


#44
trans-1,3-Dichloropropene
Concen: 0.918 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032648.D
Acq: 12 Jun 2019 13:47

Tgt Ion: 75 Resp: 1533

Ion	Ratio	Lower	Upper
75	100		
77	43.5	22.1	41.1#





#59
1,2,3-Trichloropropane
Concen: 5.934 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032648.D
Acq: 12 Jun 2019 13:47

Instrument :
MSVOA_U
ClientSampleId :
C0JW5

Tgt Ion: 75 Resp: 9203

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.6	38.4