Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022219\

Quantitation Report (Not Reviewed)

Data File : VU029621.D
Acq On : 22 Feb 2019 15:21
Operator : JC/SP
Sample : K1581-06MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 2

Instrument : MSVOA_U
ClientSampleId : DB617MS

Quant Time: Feb 22 22:18:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	466268	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453252	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	226053	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	131350	38.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.88%			
7) Chloroethane-d5	1.68	69	123187	40.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.12%			
11) 1,1-Dichloroethene-d2	2.27	63	222823	33.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.72%			
21) 2-Butanone-d5	4.17	46	206266	99.20	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.20%			
24) Chloroform-d	4.64	84	256464	46.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.56%			
26) 1,2-Dichloroethane-d4	5.31	65	166051	47.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.66%			
32) Benzene-d6	5.34	84	529448	46.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.84%			
36) 1,2-Dichloropropane-d6	6.33	67	165460	48.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.44%			
41) Toluene-d8	7.56	98	500476	43.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	7.85	79	75419	41.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.88%			
47) 2-Hexanone-d5	8.31	63	175674	91.94	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.94%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	260703	44.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.94%			
64) 1,2-Dichlorobenzene-d4	11.86	152	221010	45.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.74%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2164	1.333	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	70270	45.516	ug/L	90
13) Acetone	2.32	43	2564	2.308	ug/L	94
25) Chloroform	4.67	83	2896	1.053	ug/L	78
27) 1,2-Dichloroethane	5.39	62	2346	1.110	ug/L #	73
33) Benzene	5.39	78	315221	54.252	ug/L	100
34) Trichloroethene	6.18	95	81247	51.907	ug/L	98
39) cis-1,3-Dichloropropene	7.23	75	4345	1.766	ug/L #	56
42) Toluene	7.63	91	355013	51.666	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	2877	1.241	ug/L	87
51) Chlorobenzene	9.12	112	233848	49.585	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	22825	10.496	ug/L	92

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022219\

Quantitation Report (Not Reviewed)

Data File : VU029621.D
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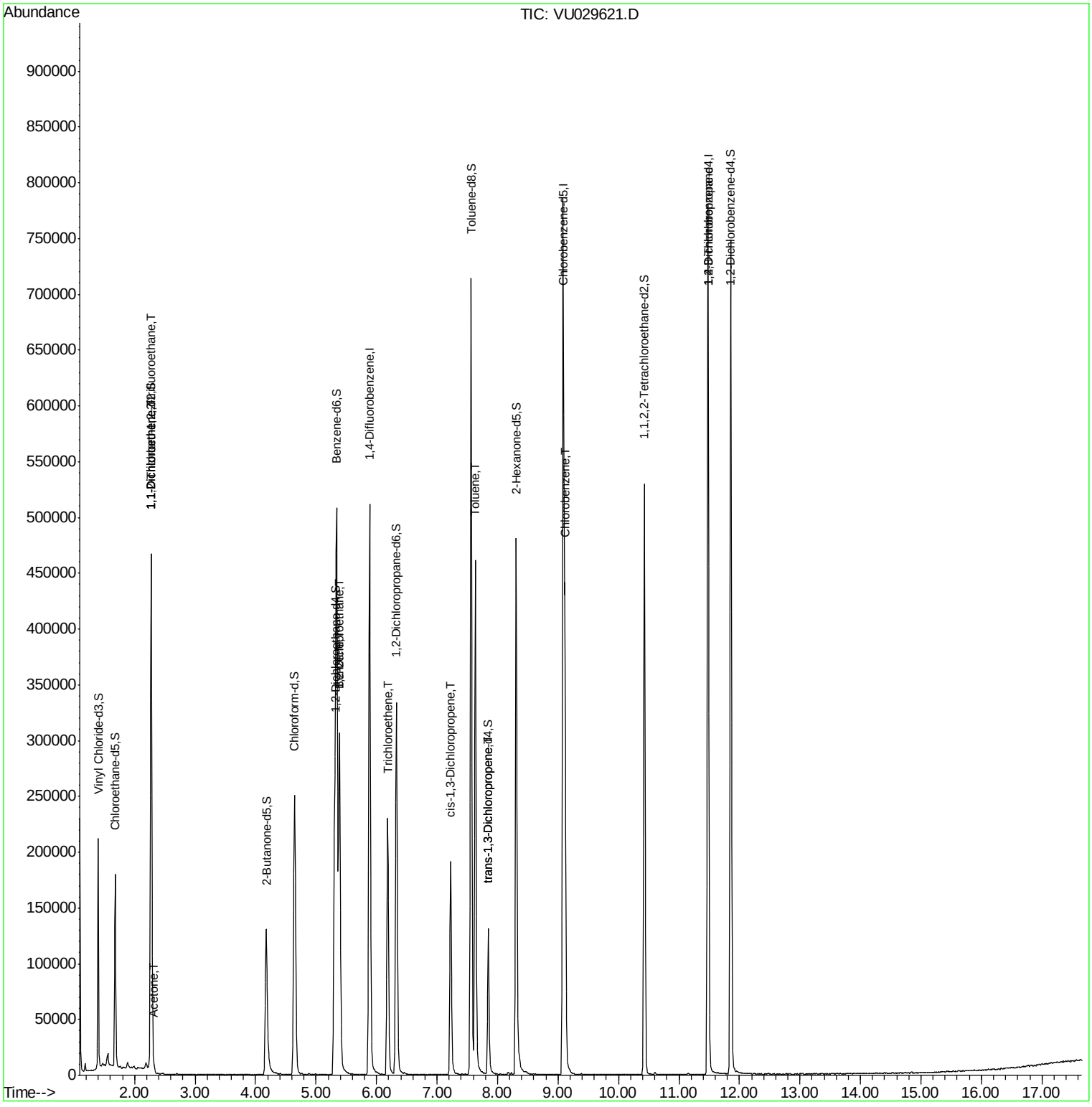
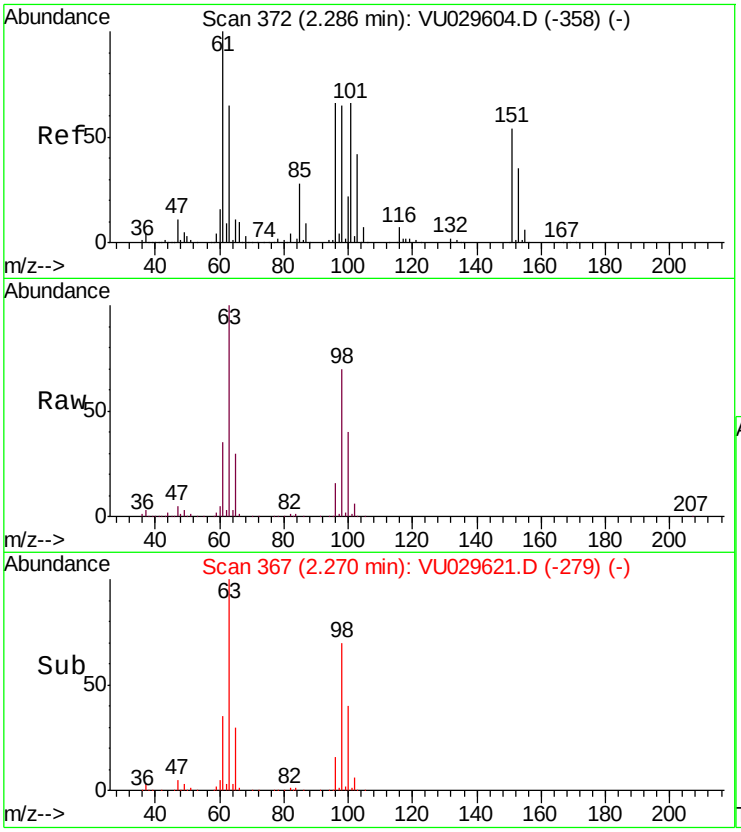
Instrument :
MSVOA_U
ClientSampleId :
DB617MS

Quant Time: Feb 22 22:18:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration



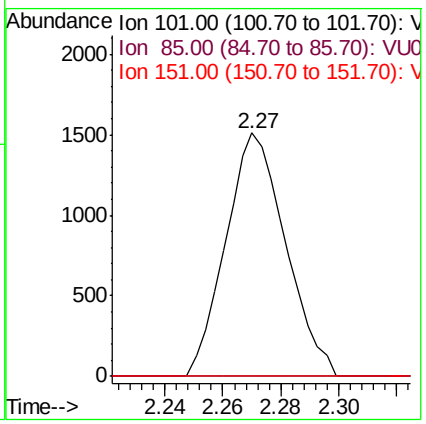


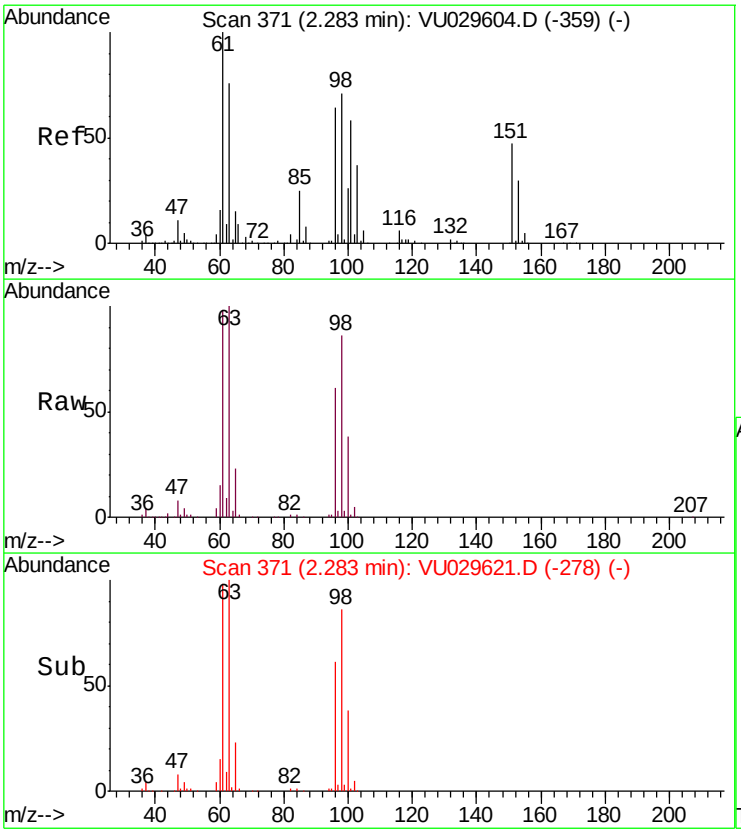
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.333 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029621.D
Acq: 22 Feb 2019 15:21

Instrument :
MSVOA_U
ClientSampleId :
DB617MS

Tgt Ion:101 Resp: 2164

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	0.0	65.7	98.5#

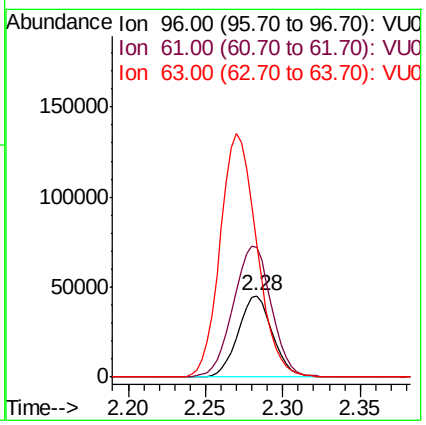


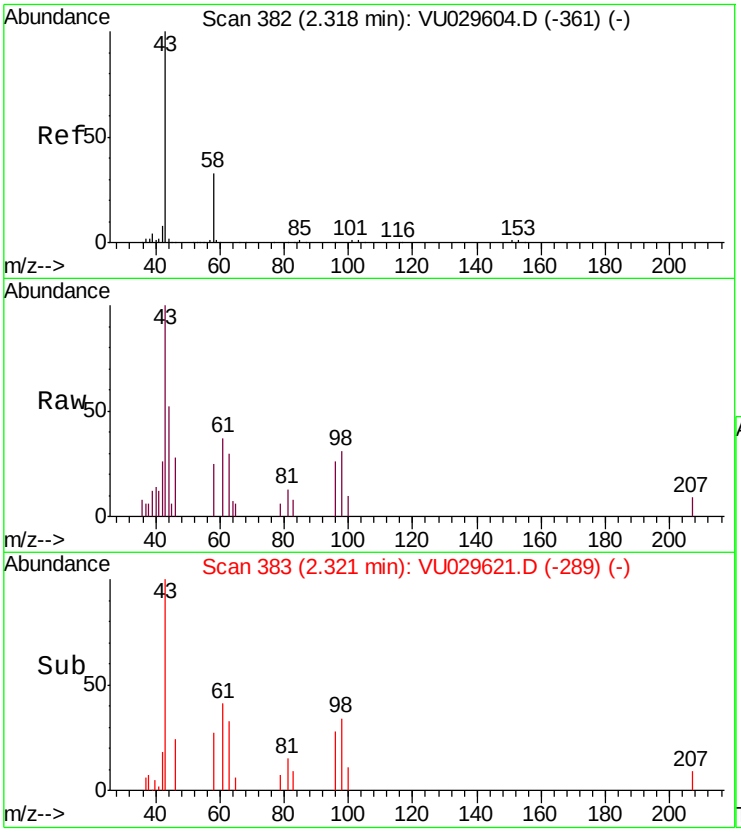


#12
1,1-Dichloroethene
Concen: 45.516 ug/L
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU029621.D
Acq: 22 Feb 2019 15:21

Tgt Ion: 96 Resp: 70270

Ion	Ratio	Lower	Upper
96	100		
61	159.9	114.0	211.8
63	163.0	98.7	183.3



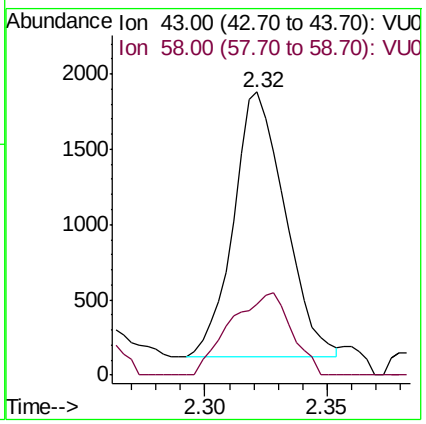


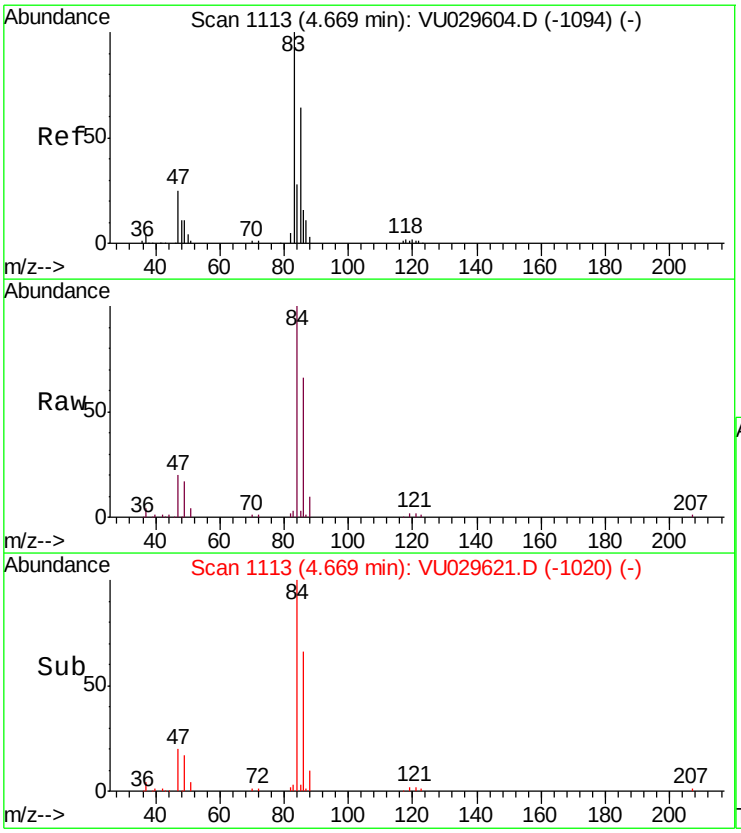
#13
Acetone
Concen: 2.308 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029621.D
Acq: 22 Feb 2019 15:21

Instrument :
MSVOA_U
ClientSampleId :
DB617MS

Tgt Ion: 43 Resp: 2564

Ion	Ratio	Lower	Upper
43	100		
58	37.1	0.0	66.8

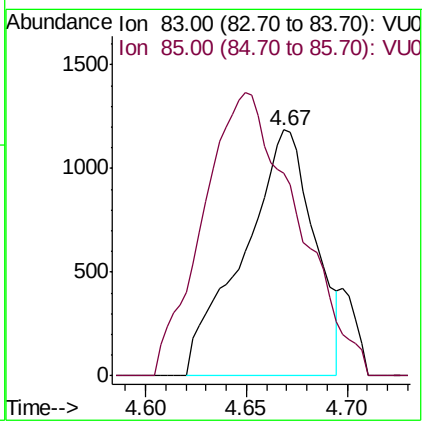


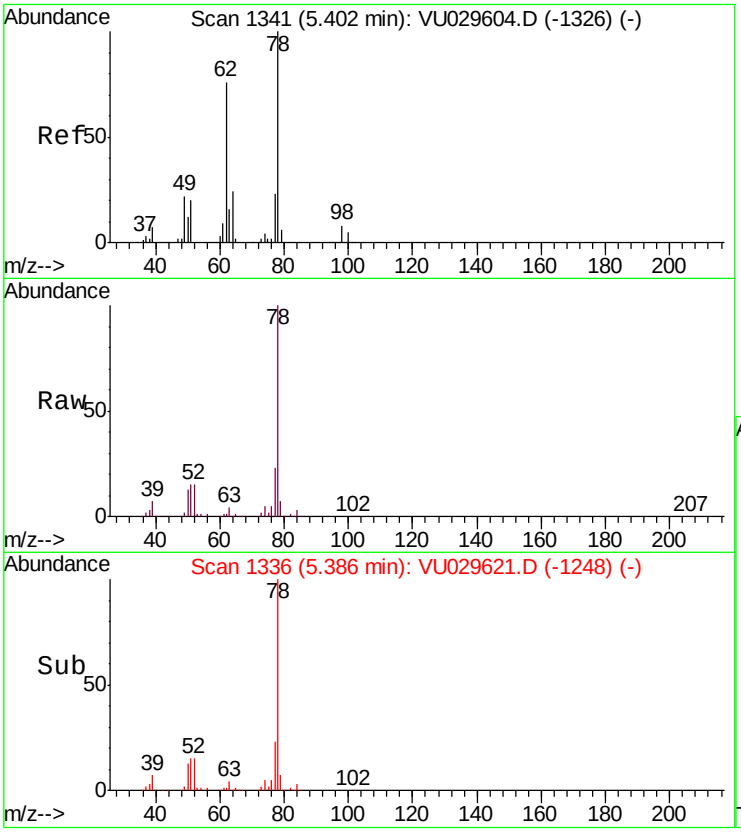


#25
Chloroform
Concen: 1.053 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029621.D
Acq: 22 Feb 2019 15:21

Tgt Ion: 83 Resp: 2896

Ion	Ratio	Lower	Upper
83	100		
85	82.1	45.4	84.2



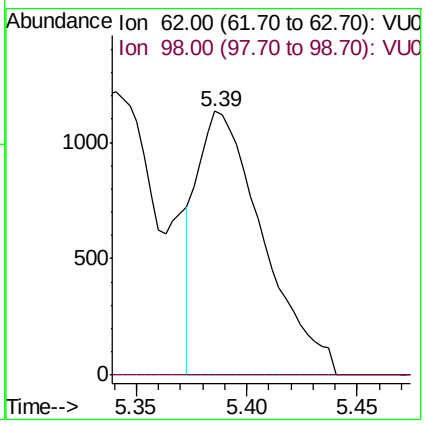


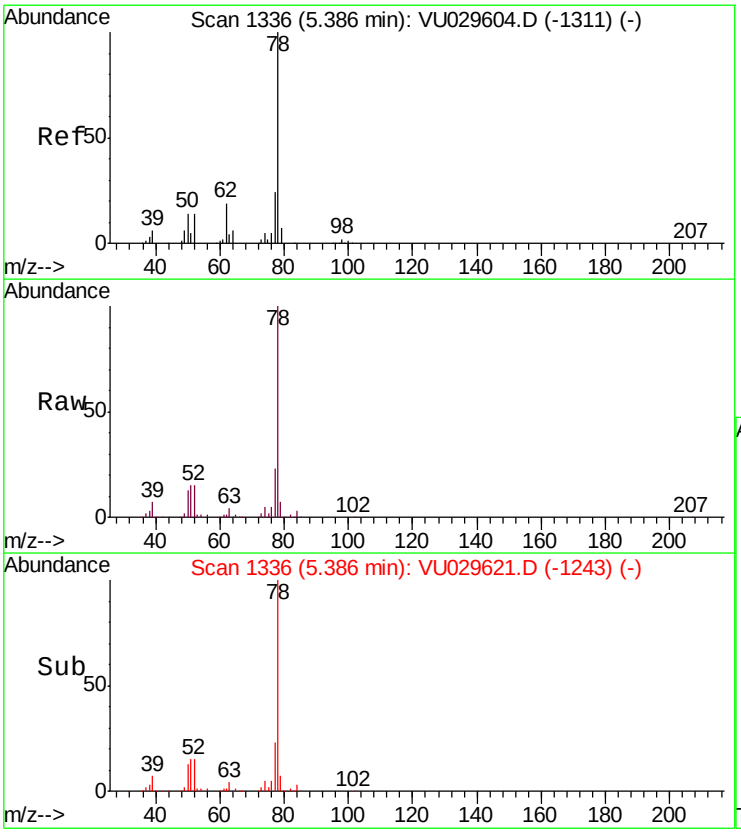
#27
1,2-Dichloroethane
Concen: 1.110 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.02 min
Lab File: VU029621.D
Acq: 22 Feb 2019 15:21

Instrument :
MSVOA_U
ClientSampleId :
DB617MS

Tgt Ion: 62 Resp: 2346

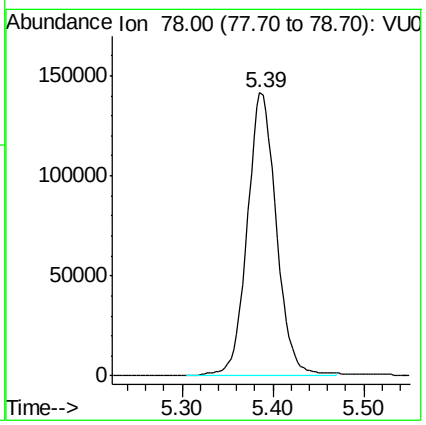
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#

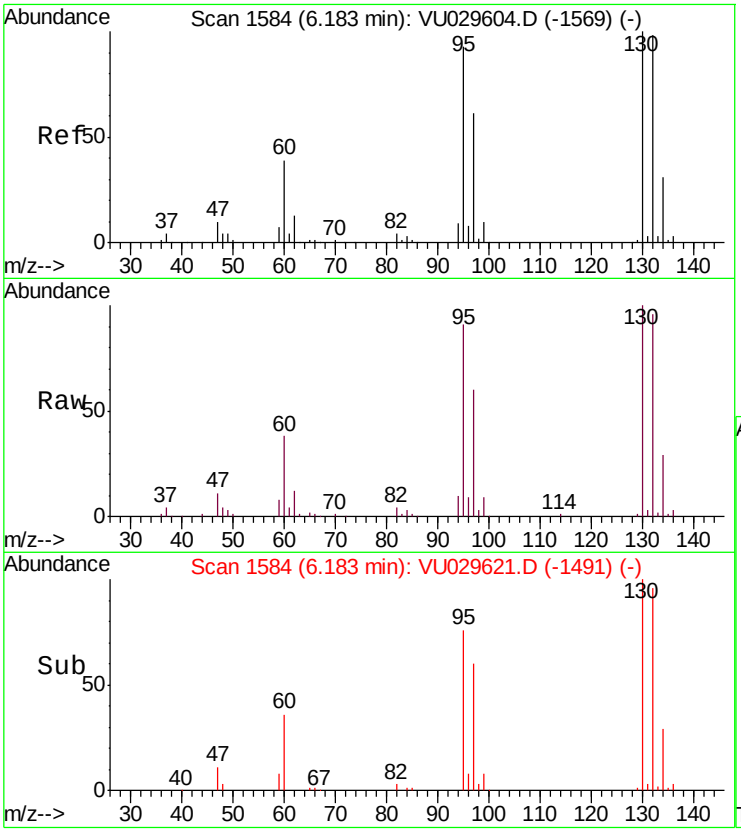




#33
Benzene
Concen: 54.252 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU029621.D
Acq: 22 Feb 2019 15:21

Tgt Ion: 78 Resp: 315221



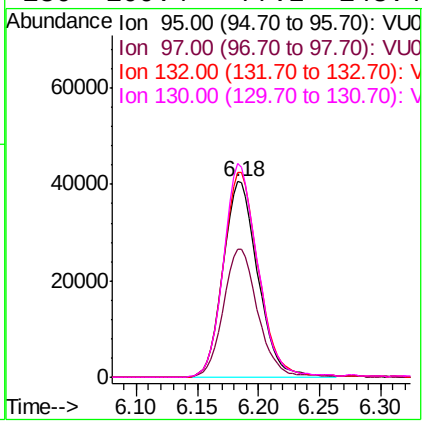


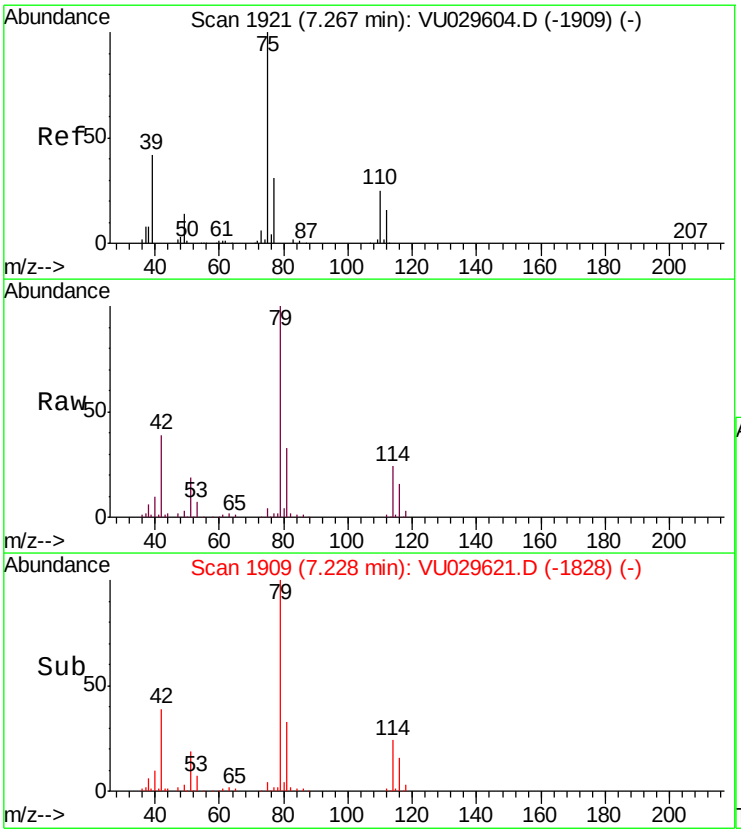
#34
Trichloroethene
Concen: 51.907 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU029621.D
Acq: 22 Feb 2019 15:21

Instrument :
MSVOA_U
ClientSampleId :
DB617MS

Tgt Ion: 95 Resp: 81247

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.6	82.8
132	105.0	74.6	138.6
130	109.4	77.2	143.4

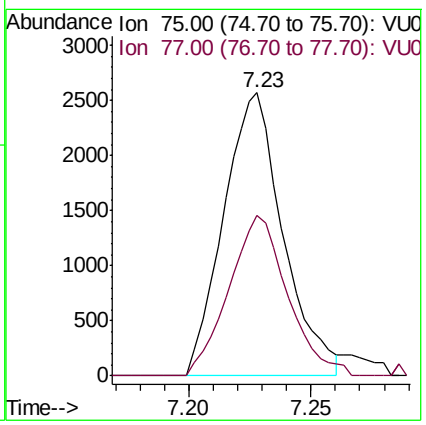


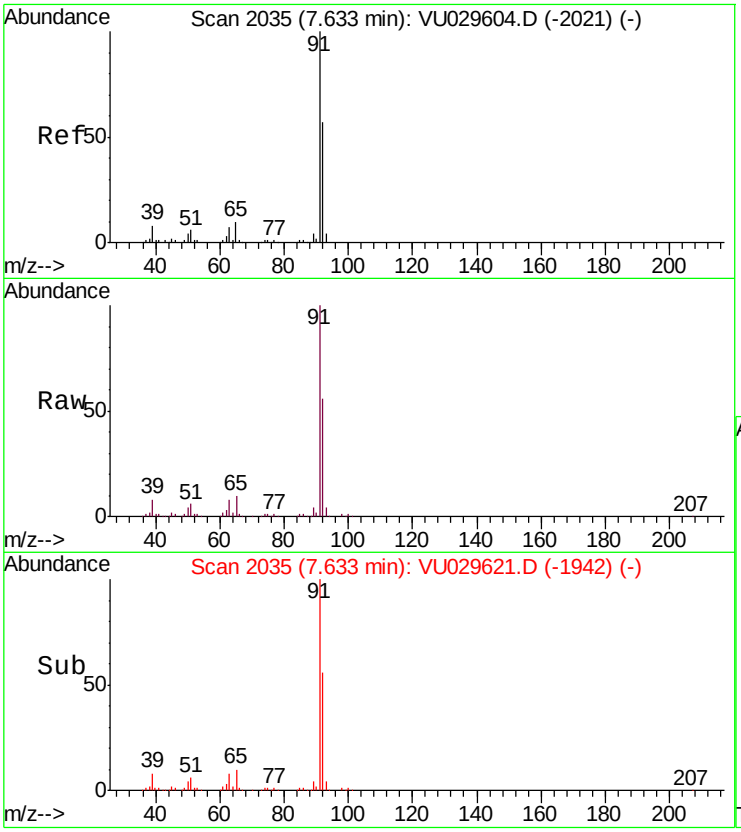


#39
cis-1,3-Dichloropropene
Concen: 1.766 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029621.D
Acq: 22 Feb 2019 15:21

Tgt Ion: 75 Resp: 4345

Ion	Ratio	Lower	Upper
75	100		
77	56.6	22.3	41.5#



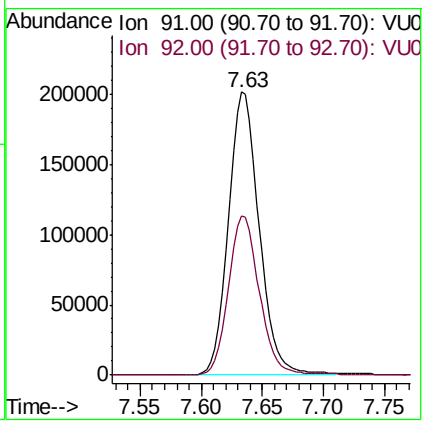


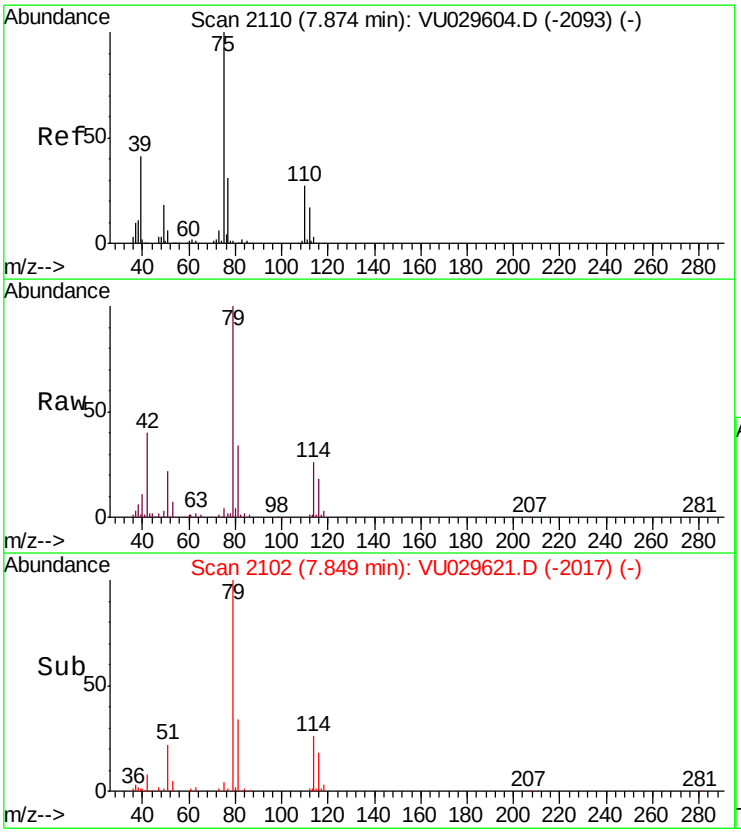
#42
Toluene
Concen: 51.666 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU029621.D
Acq: 22 Feb 2019 15:21

Instrument :
MSVOA_U
ClientSampleId :
DB617MS

Tgt Ion: 91 Resp: 355013

Ion	Ratio	Lower	Upper
91	100		
92	56.1	40.8	75.8

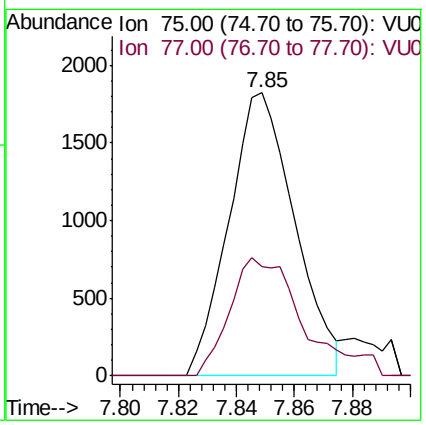


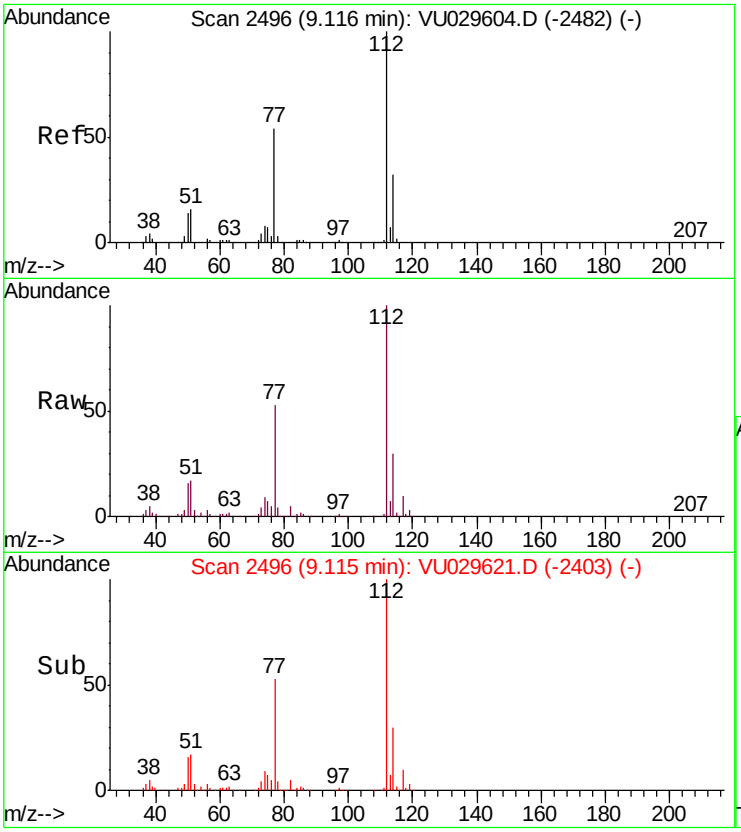


#44
trans-1,3-Dichloropropene
Concen: 1.241 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029621.D
Acq: 22 Feb 2019 15:21

Tgt Ion: 75 Resp: 2877

Ion	Ratio	Lower	Upper
75	100		
77	38.7	22.1	41.1



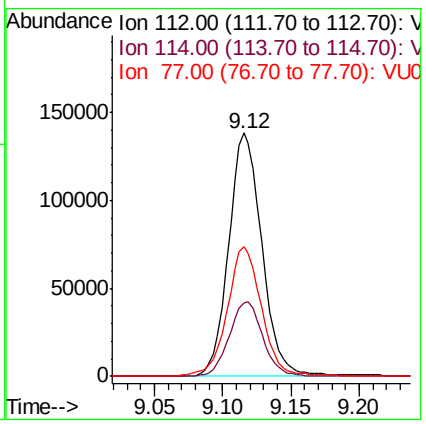


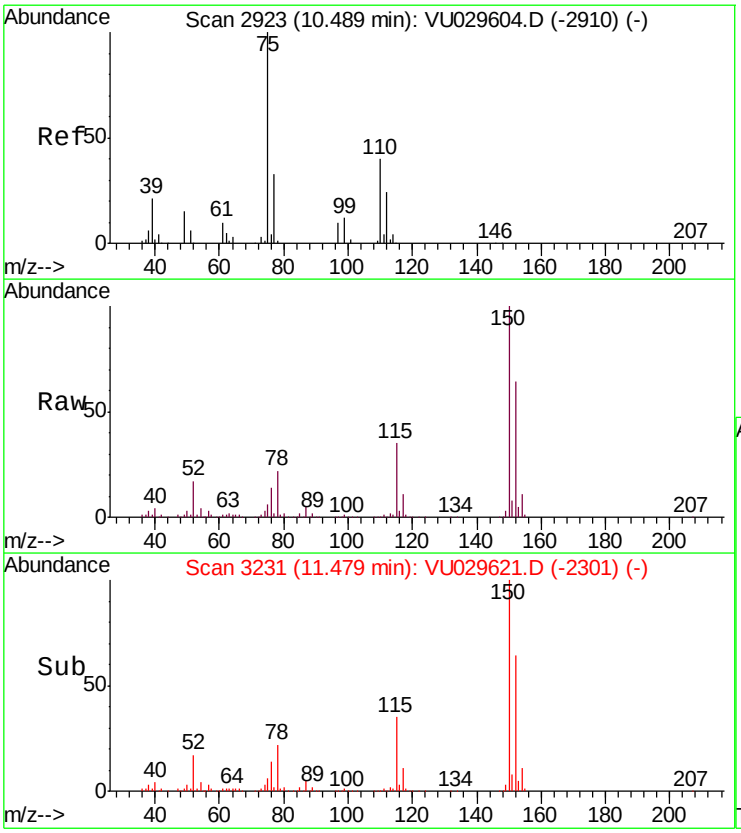
#51
Chlorobenzene
Concen: 49.585 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU029621.D
Acq: 22 Feb 2019 15:21

Instrument :
MSVOA_U
ClientSampleId :
DB617MS

Tgt Ion:112 Resp: 233848

Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.7	42.1
77	53.1	42.1	63.1





#59
1,2,3-Trichloropropane
Concen: 10.496 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029621.D
Acq: 22 Feb 2019 15:21

Tgt Ion: 75 Resp: 22825

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.7	38.5