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

Quantitation Report (Not Reviewed)

Data File : VU029643.D
Acq On : 23 Feb 2019 00:21
Operator : JC/SP
Sample : K1581-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Feb 23 01:48:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	504011	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	491217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245251	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	157805	42.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.46%			
7) Chloroethane-d5	1.68	69	141383	43.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.12%			
11) 1,1-Dichloroethene-d2	2.27	63	230214	31.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.78%			
21) 2-Butanone-d5	4.17	46	226516	100.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.79%			
24) Chloroform-d	4.65	84	284580	47.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.02%			
26) 1,2-Dichloroethane-d4	5.31	65	185326	48.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.74%			
32) Benzene-d6	5.34	84	627787	50.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.58%			
36) 1,2-Dichloropropane-d6	6.33	67	192439	51.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.50%			
41) Toluene-d8	7.56	98	600947	47.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.28%			
43) trans-1,3-Dichloropropene-	7.85	79	84042	42.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.22%			
47) 2-Hexanone-d5	8.31	63	191244	92.35	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.35%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284269	45.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.48%			
64) 1,2-Dichlorobenzene-d4	11.86	152	252418	47.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.52%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2417	0.688	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2063	0.618	ug/L #	1
25) Chloroform	4.67	83	5463	0.919	ug/L	92
33) Benzene	5.33	78	4950	0.393	ug/L	100
35) Methylcyclohexane	6.33	83	45534	8.082	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	19886	6.015	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	4702	0.882	ug/L #	48
44) trans-1,3-Dichloropropene	7.85	75	3555	0.707	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	24821	5.266	ug/L	92

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

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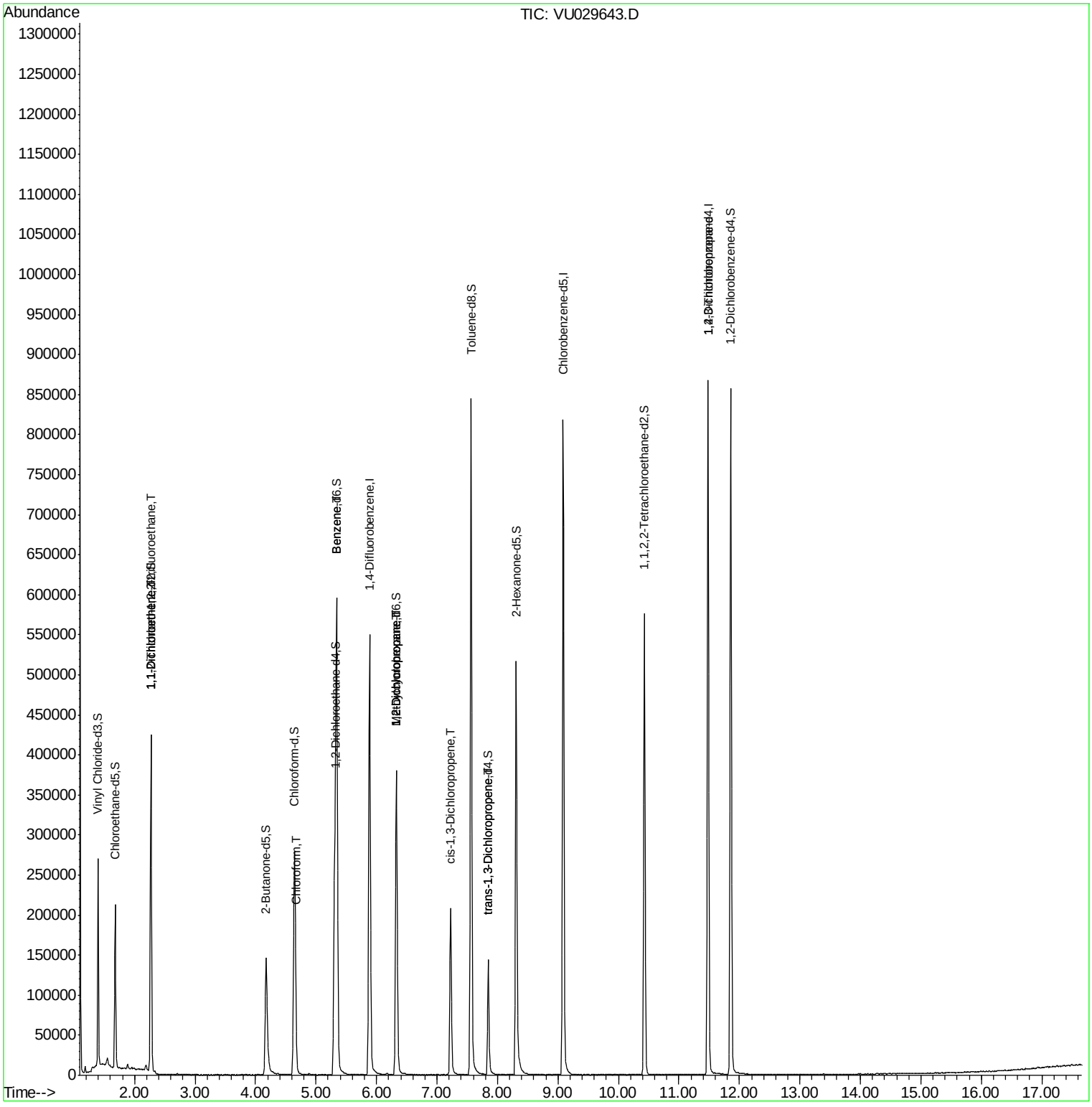
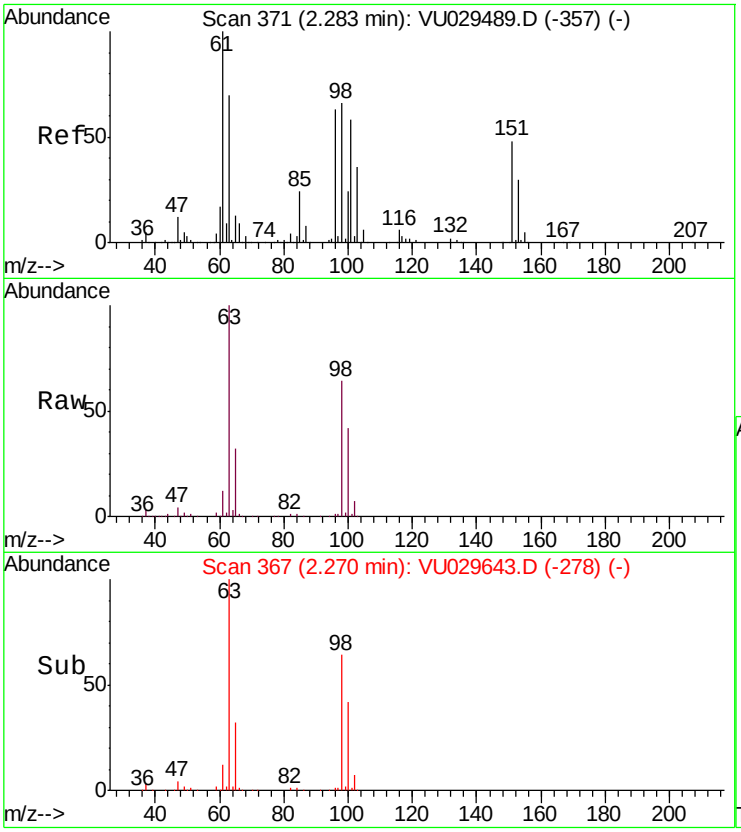
ClientSampleId : VHBLK01

Quant Time: Feb 23 01:48:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration



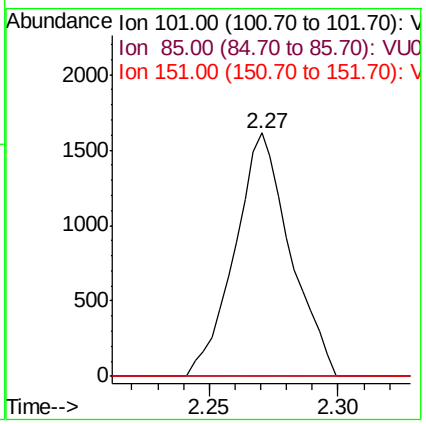


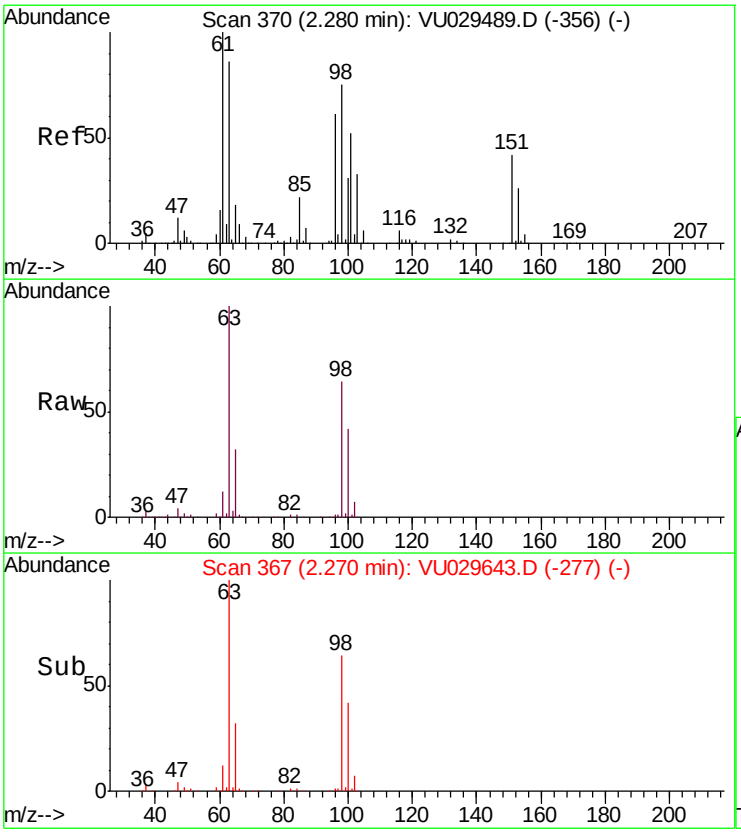
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.688 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029643.D
Acq: 23 Feb 2019 00:21

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion:101 Resp: 2417

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

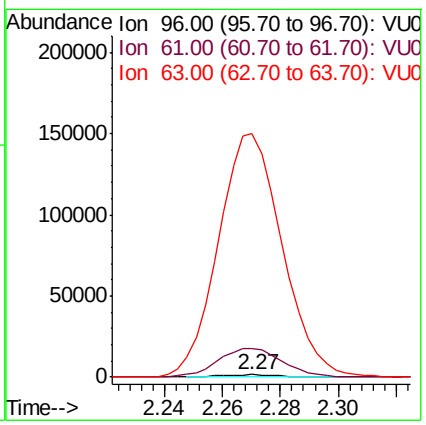


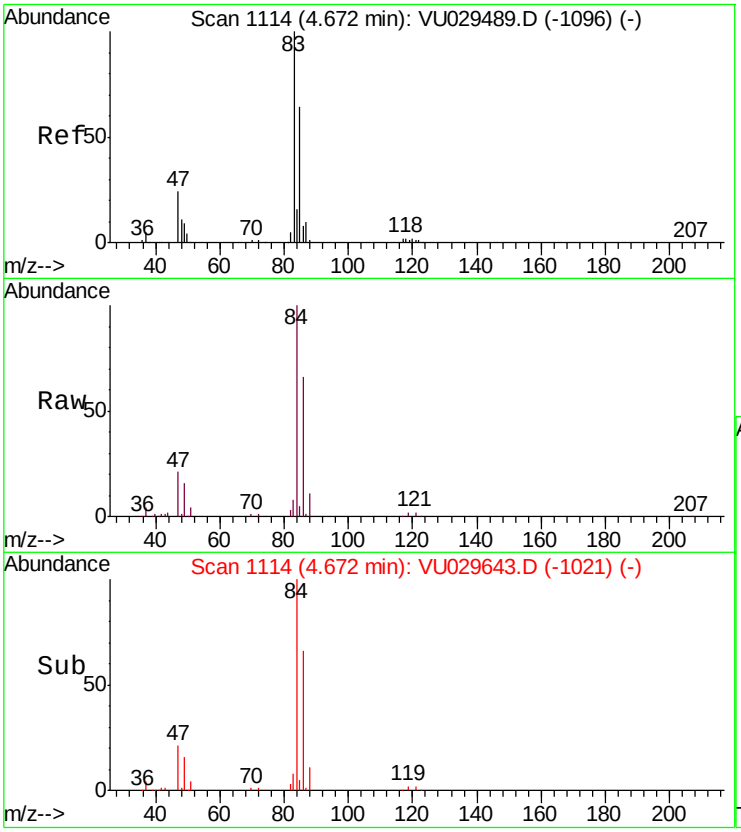


#12
1,1-Dichloroethene
Concen: 0.618 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029643.D
Acq: 23 Feb 2019 00:21

Tgt Ion: 96 Resp: 2063

Ion	Ratio	Lower	Upper
96	100		
61	1228.8	114.0	211.8#
63	10374.6	98.7	183.3#



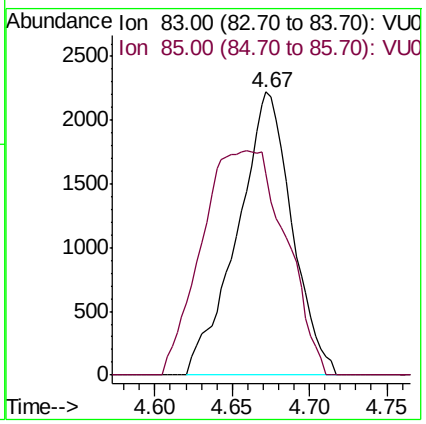


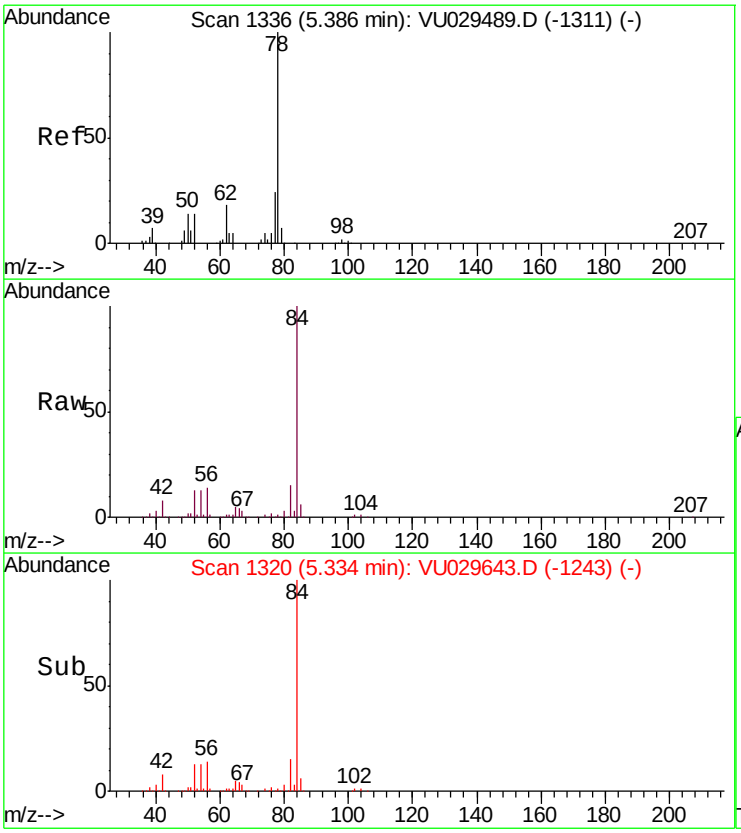
#25
Chloroform
Concen: 0.919 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029643.D
Acq: 23 Feb 2019 00:21

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 5463

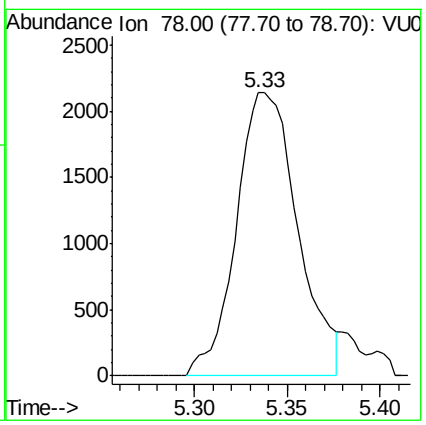
Ion	Ratio	Lower	Upper
83	100		
85	71.4	45.4	84.2

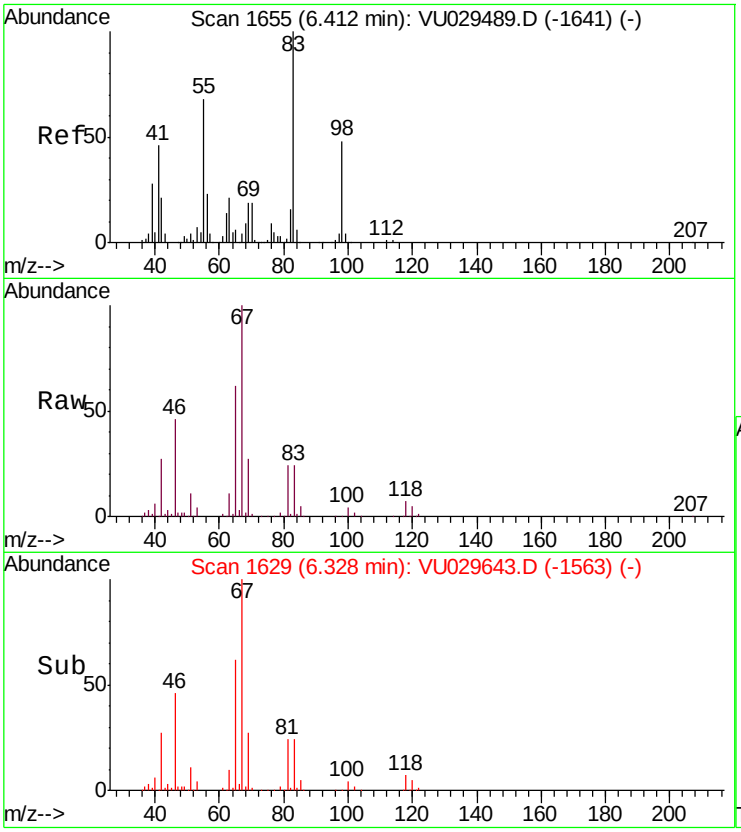




#33
Benzene
Concen: 0.393 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.05 min
Lab File: VU029643.D
Acq: 23 Feb 2019 00:21

Tgt Ion: 78 Resp: 4950



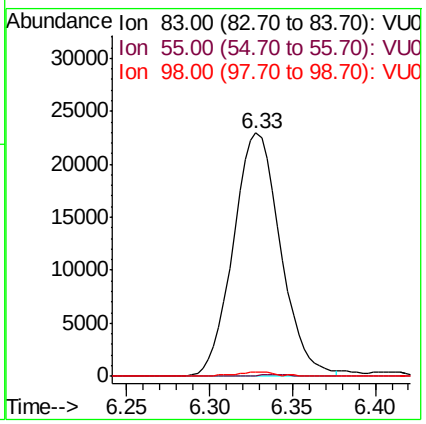


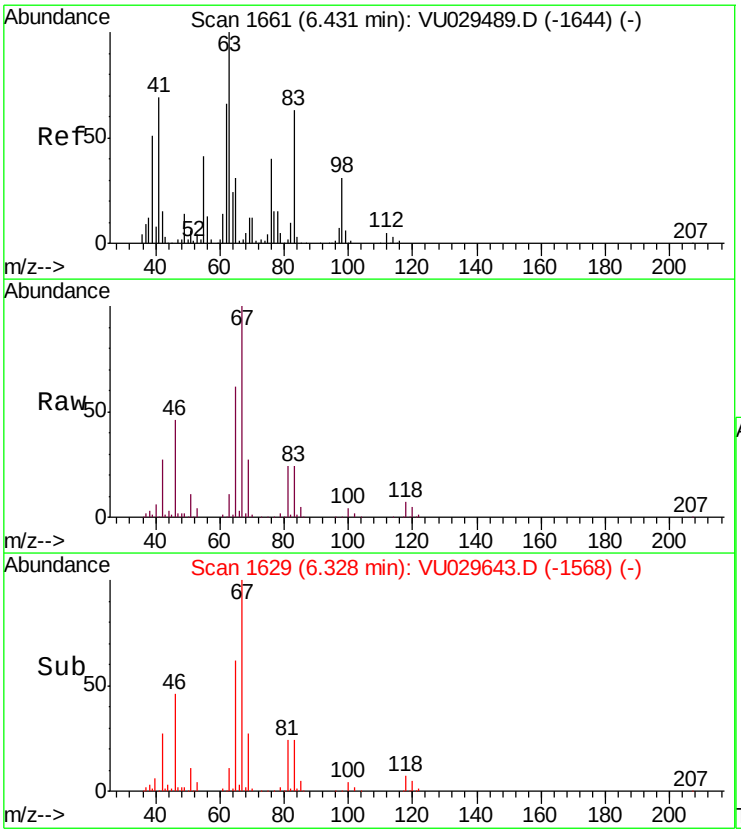
#35
Methylcyclohexane
Concen: 8.082 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.09 min
Lab File: VU029643.D
Acq: 23 Feb 2019 00:21

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 45534

Ion	Ratio	Lower	Upper
83	100		
55	0.4	55.2	82.8#
98	1.4	39.4	59.2#

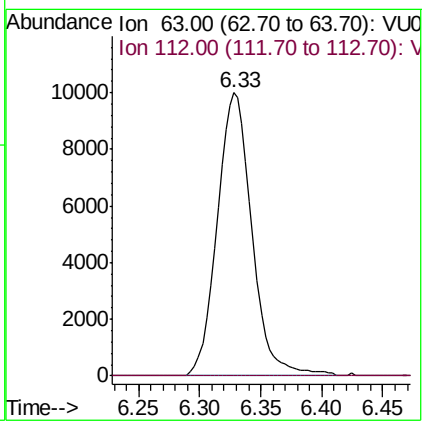


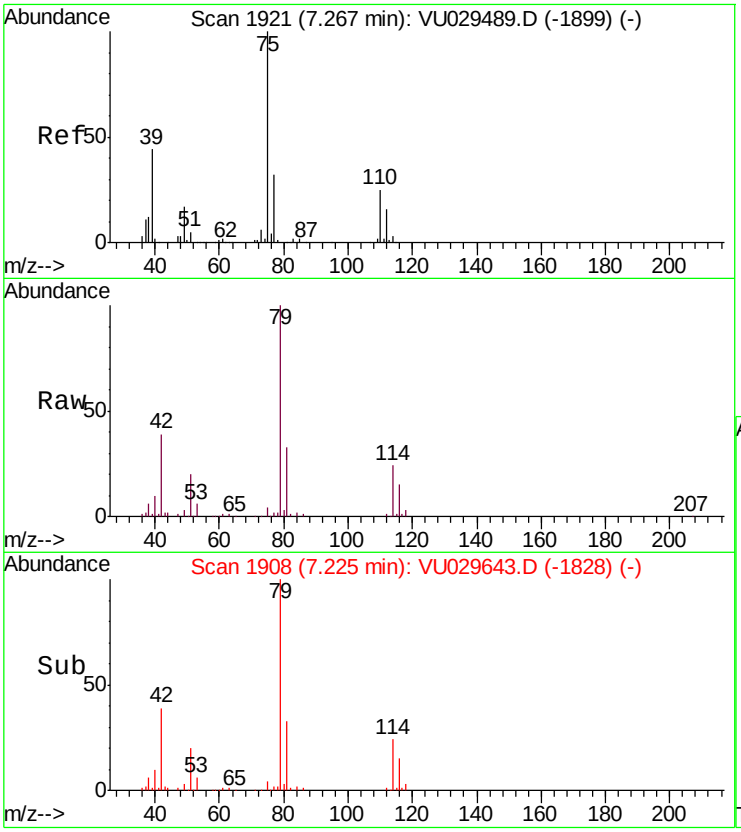


#37
1,2-Dichloropropane
Concen: 6.015 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029643.D
Acq: 23 Feb 2019 00:21

Tgt Ion: 63 Resp: 19886

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



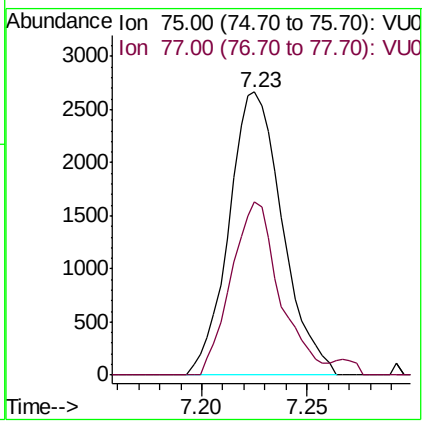


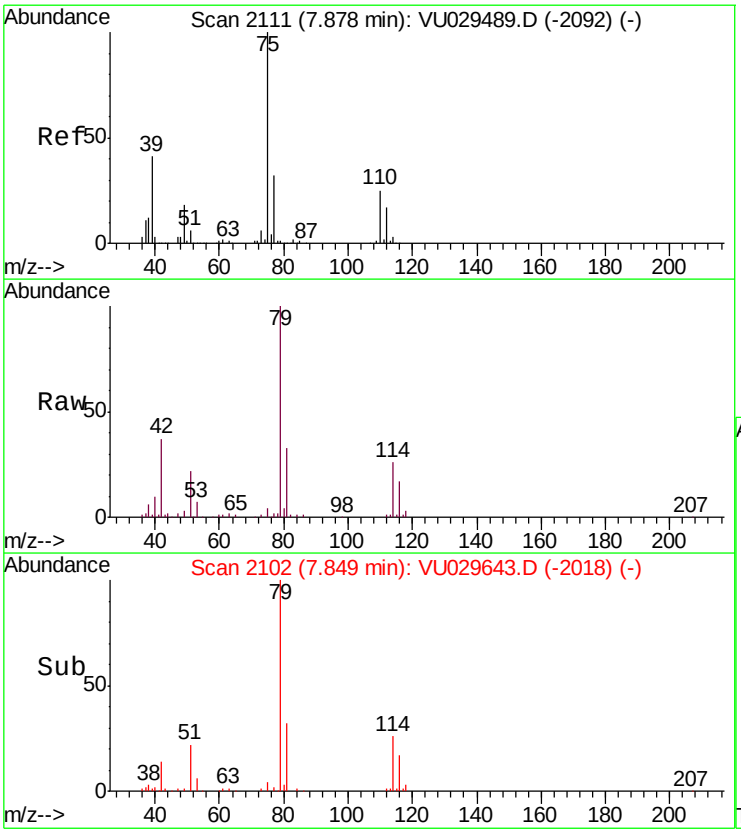
#39
cis-1,3-Dichloropropene
Concen: 0.882 ug/L
RT: 7.23 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029643.D
Acq: 23 Feb 2019 00:21

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 4702

Ion	Ratio	Lower	Upper
75	100		
77	61.1	22.3	41.5#

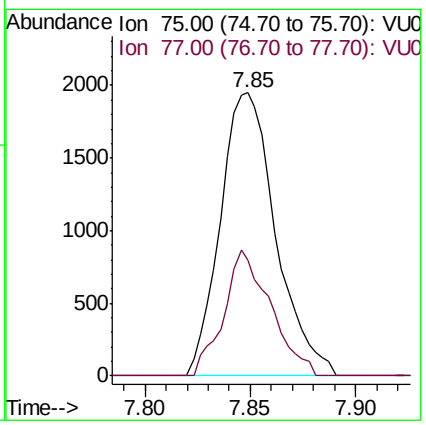


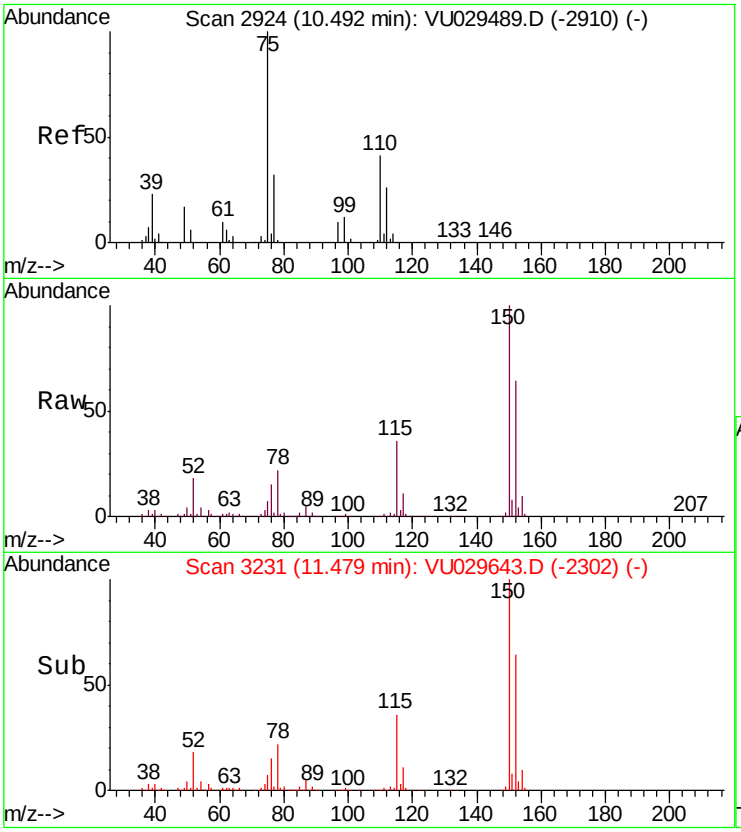


#44
trans-1,3-Dichloropropene
Concen: 0.707 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029643.D
Acq: 23 Feb 2019 00:21

Tgt Ion: 75 Resp: 3555

Ion	Ratio	Lower	Upper
75	100		
77	41.1	22.1	41.1#





#59
1,2,3-Trichloropropane
Concen: 5.266 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029643.D
Acq: 23 Feb 2019 00:21

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 24821

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.7	38.5