Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\

Quantitation Report (Not Reviewed)

Data File : VU033514.D
Acq On : 31 Jul 2019 10:40
Operator : JC/SP
Sample : VU0731WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK36

Quant Time: Aug 01 07:23:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 07:20:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	316265	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	310854	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	145842	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	104300	45.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.72%			
7) Chloroethane-d5	1.67	69	104303	52.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.74%			
11) 1,1-Dichloroethene-d2	2.26	63	144581	34.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.28%			
21) 2-Butanone-d5	4.16	46	155219	101.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.92%			
24) Chloroform-d	4.62	84	186367	48.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.70%			
26) 1,2-Dichloroethane-d4	5.28	65	120171	49.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.46%			
32) Benzene-d6	5.32	84	378374	49.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.31	67	120553	49.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.80%			
41) Toluene-d8	7.55	98	342207	47.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.78%			
43) trans-1,3-Dichloropropene-	7.83	79	56444	47.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.20%			
47) 2-Hexanone-d5	8.30	63	115269	100.51	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.51%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	179233	48.12	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.24%			
64) 1,2-Dichlorobenzene-d4	11.85	152	135903	50.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.78%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1407	0.659	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1172	0.572	ug/L #	1
13) Acetone	2.32	43	904	0.580	ug/L	61
25) Chloroform	4.64	83	2320	0.547	ug/L	88
37) 1,2-Dichloropropane	6.31	63	13630	5.678	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3642	0.972	ug/L #	78
44) trans-1,3-Dichloropropene	7.83	75	2667	0.788	ug/L	88
48) 2-Hexanone	8.30	43	12395	4.627	ug/L #	69

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

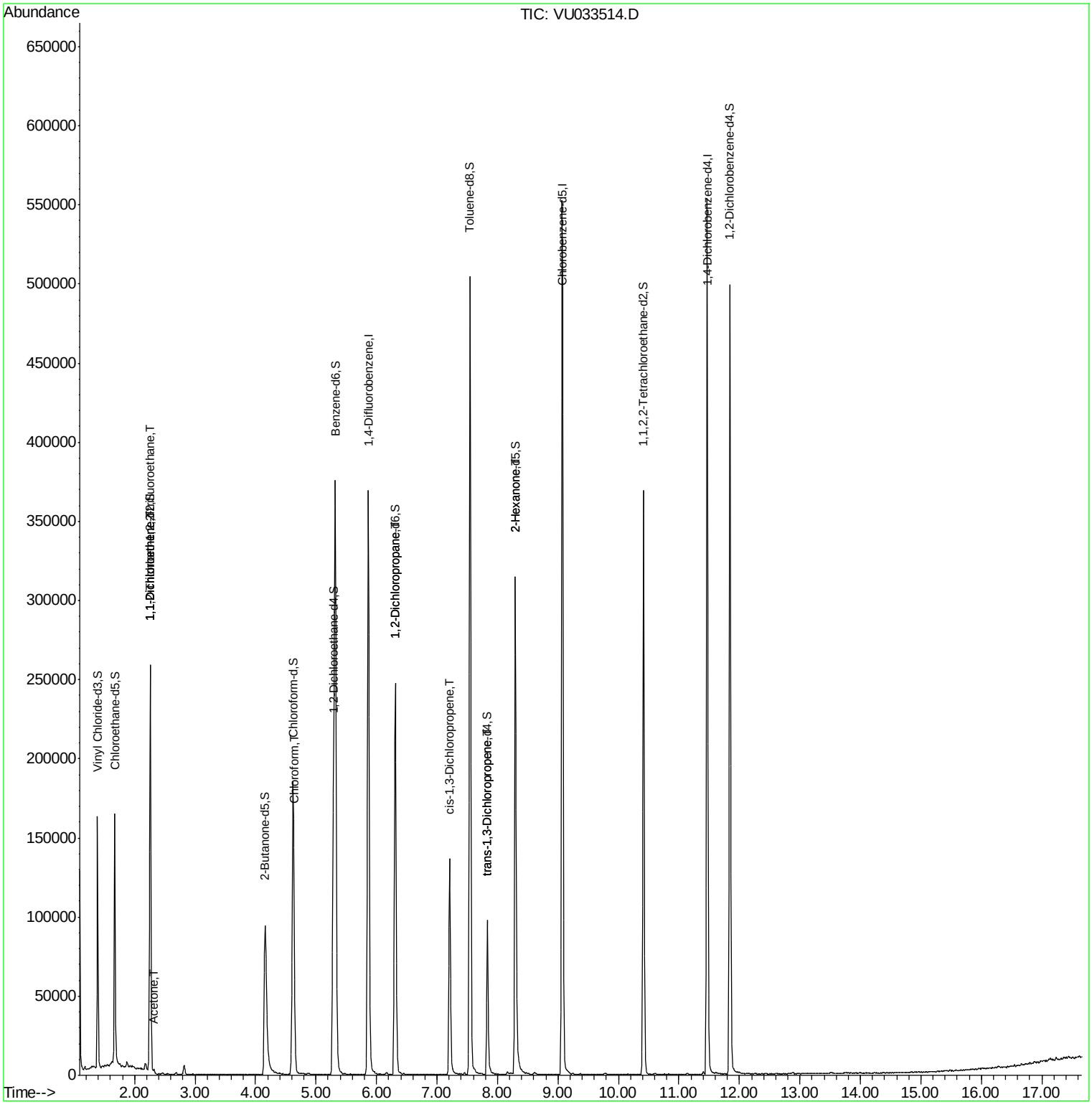
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\

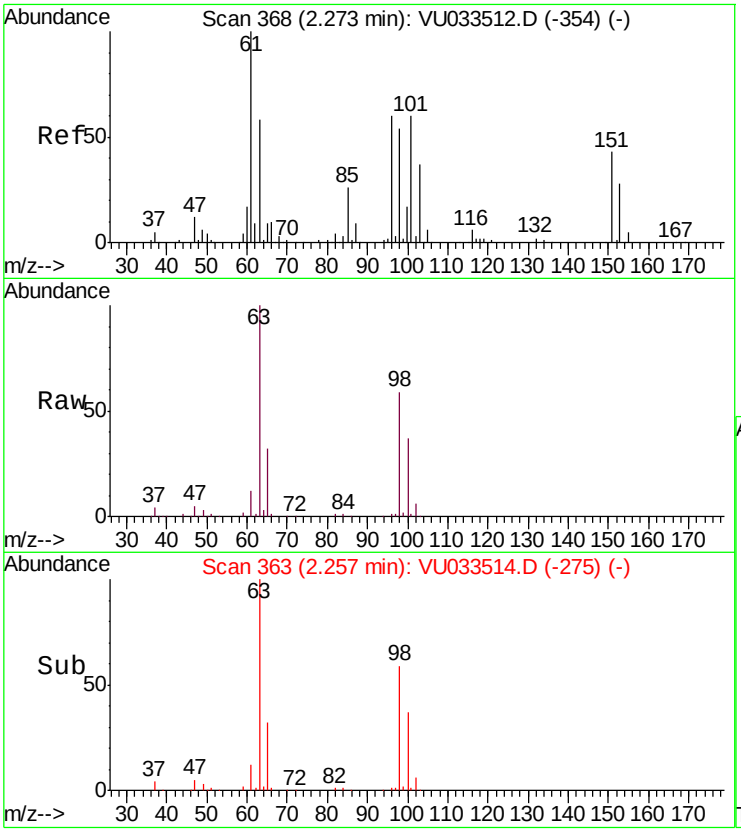
Quantitation Report (Not Reviewed)

Data File : VU033514.D
Acq On : 31 Jul 2019 10:40
Operator : JC/SP
Sample : VU0731WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK36

Quant Time: Aug 01 07:23:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 07:20:33 2019
Response via : Initial Calibration



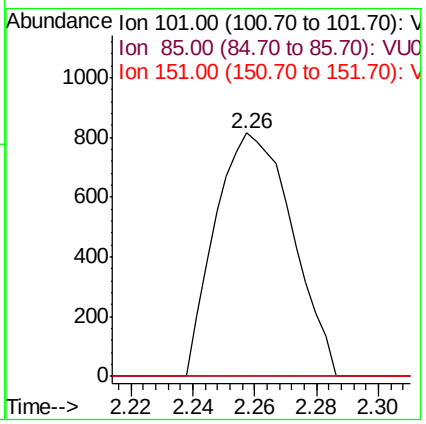


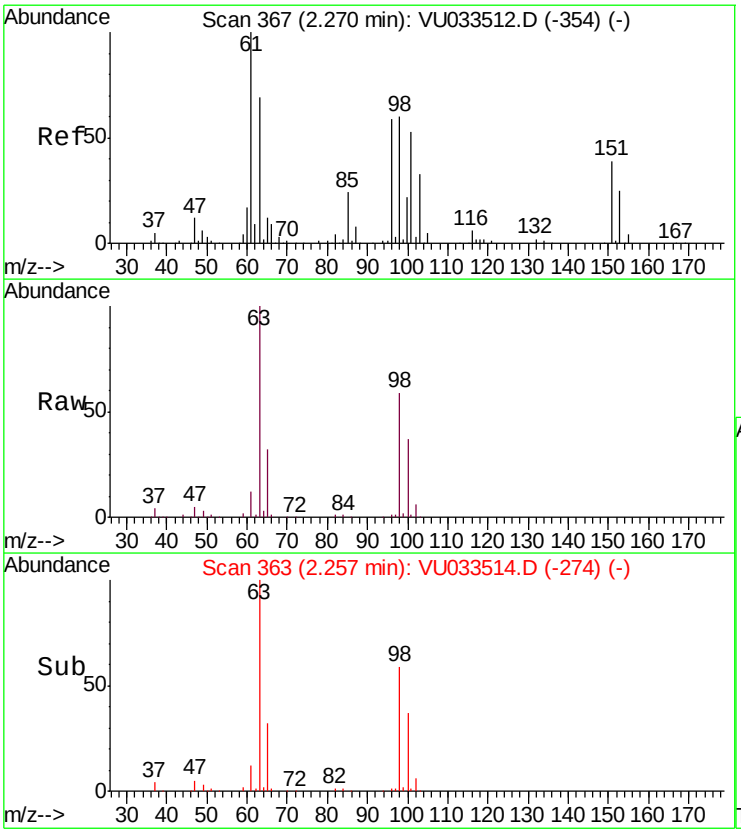
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.659 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.02 min
Lab File: VU033514.D
Acq: 31 Jul 2019 10:40

Instrument : MSVOA_U
ClientSampleId : VBLK36

Tgt Ion:101 Resp: 1407

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.8#
151	0.0	60.1	90.1#

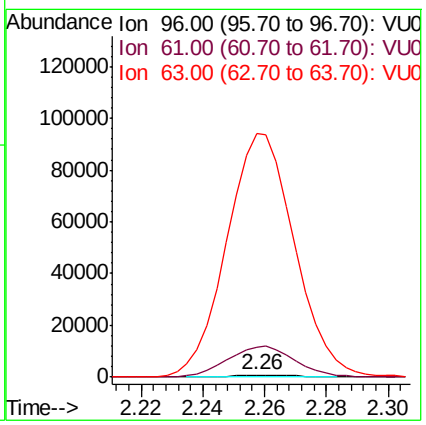


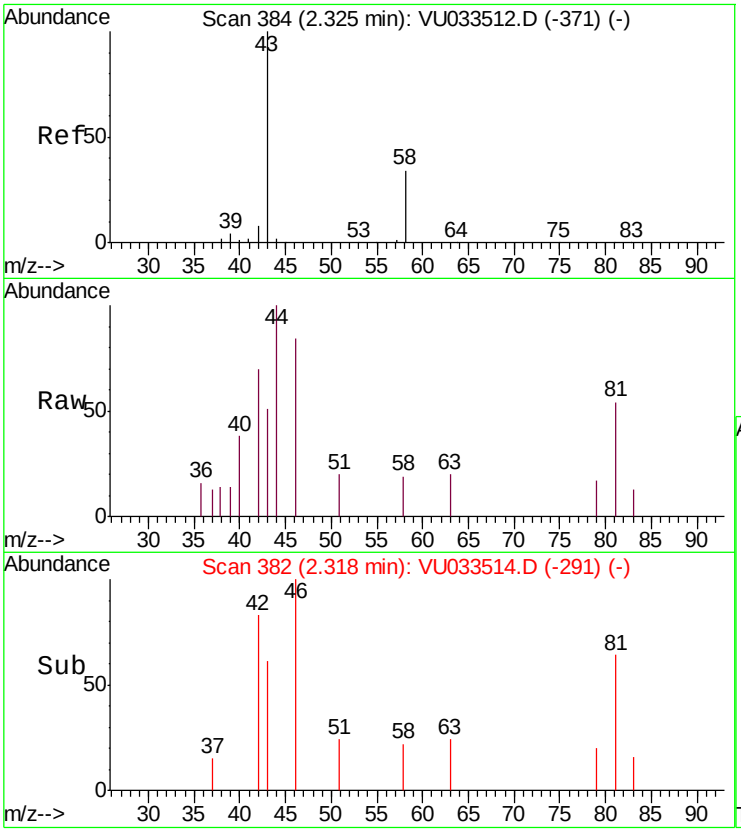


#12
1,1-Dichloroethene
Concen: 0.572 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033514.D
Acq: 31 Jul 2019 10:40

Tgt Ion: 96 Resp: 1172

Ion	Ratio	Lower	Upper
96	100		
61	1544.0	119.3	221.5#
63	12400.5	86.6	160.8#



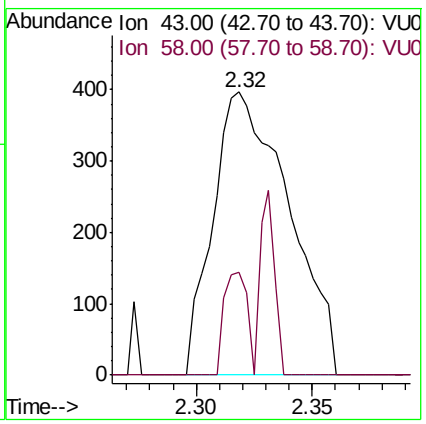


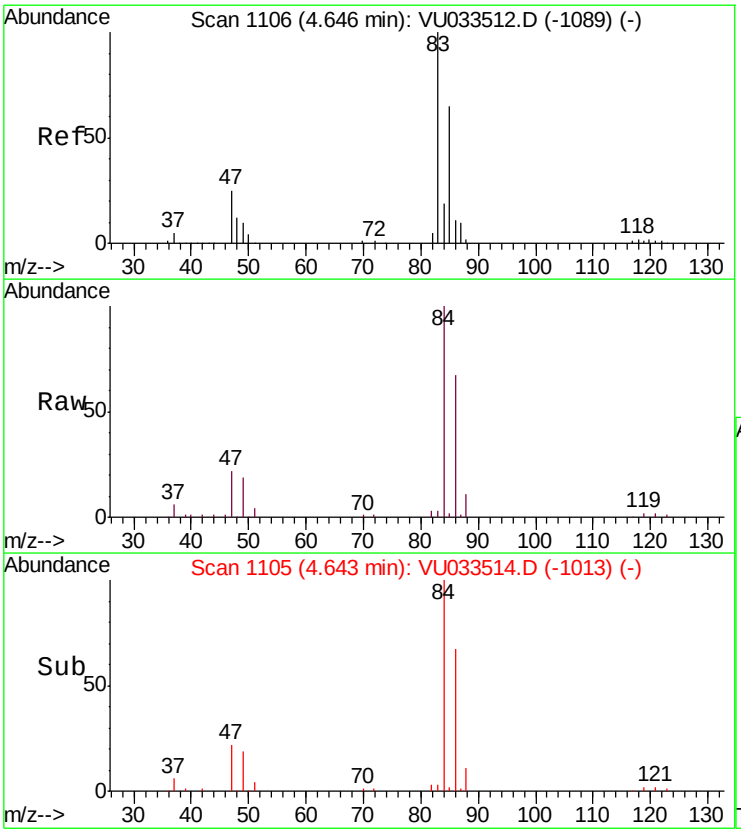
#13
Acetone
Concen: 0.580 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.01 min
Lab File: VU033514.D
Acq: 31 Jul 2019 10:40

Instrument :
MSVOA_U
ClientSampleId :
VBLK36

Tgt Ion: 43 Resp: 904

Ion	Ratio	Lower	Upper
43	100		
58	10.8	0.0	66.2

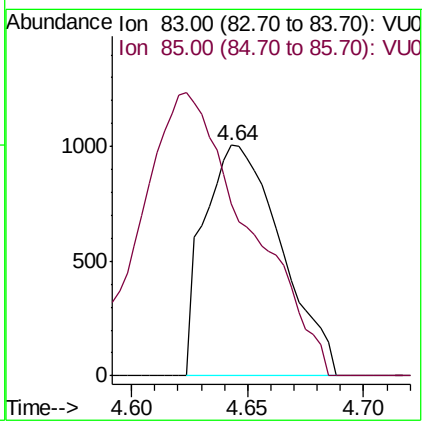


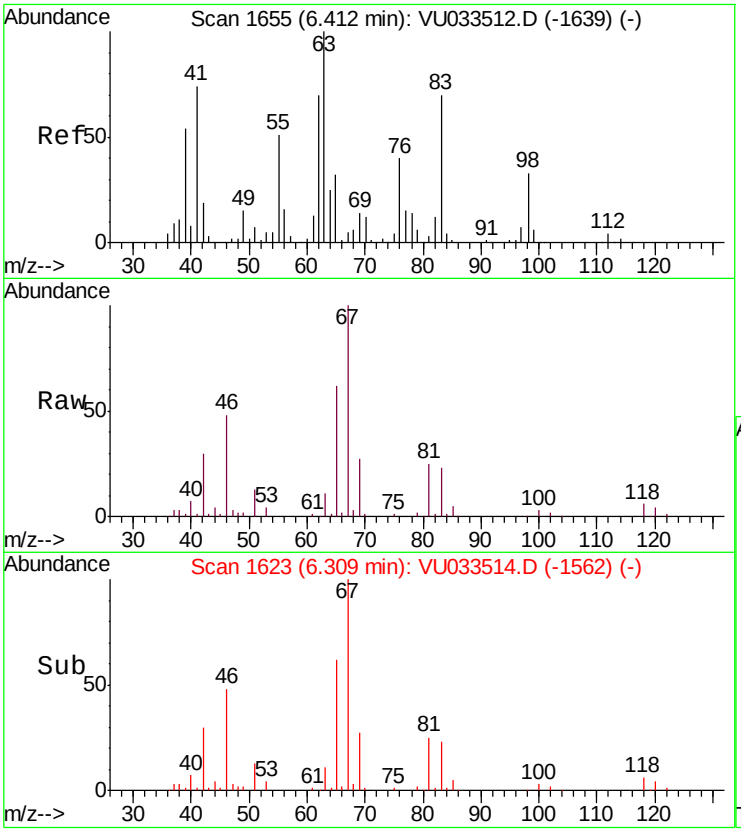


#25
Chloroform
Concen: 0.547 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VU033514.D
Acq: 31 Jul 2019 10:40

Tgt Ion: 83 Resp: 2320

Ion	Ratio	Lower	Upper
83	100		
85	74.6	45.6	84.8



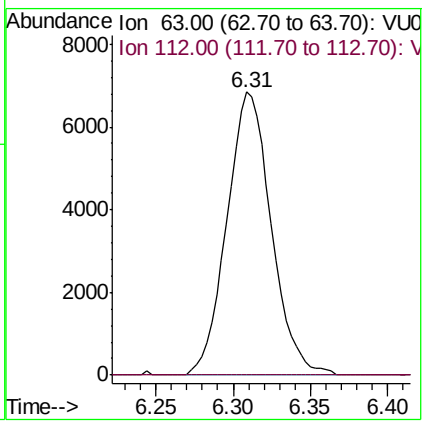


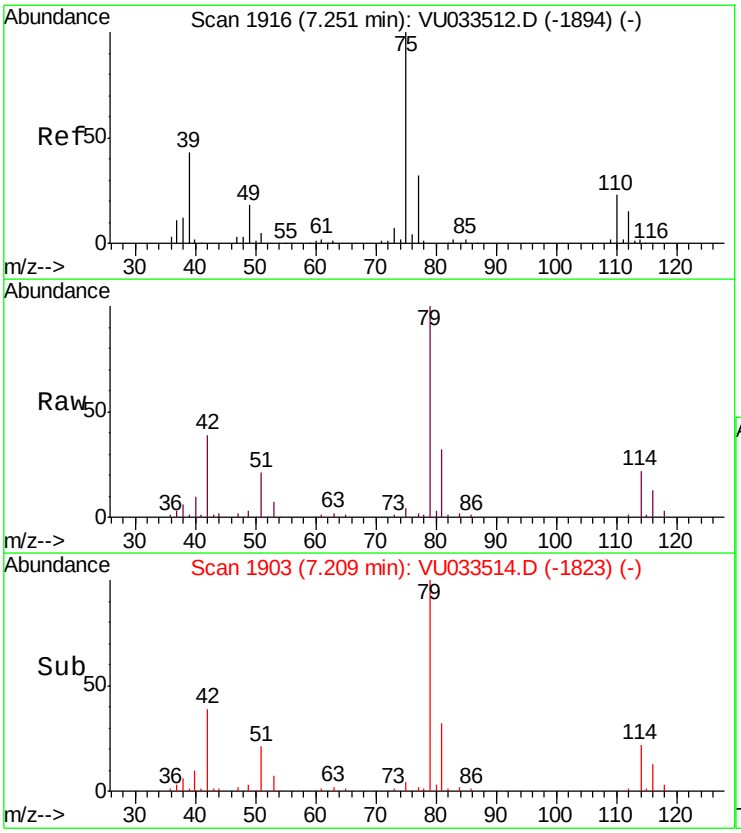
#37
1,2-Dichloropropane
Concen: 5.678 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033514.D
Acq: 31 Jul 2019 10:40

Instrument :
MSVOA_U
ClientSampleId :
VBLK36

Tgt Ion: 63 Resp: 13630

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

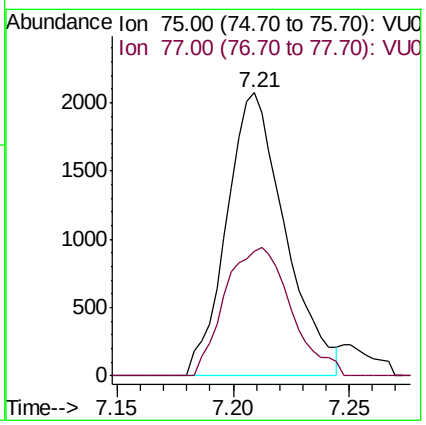


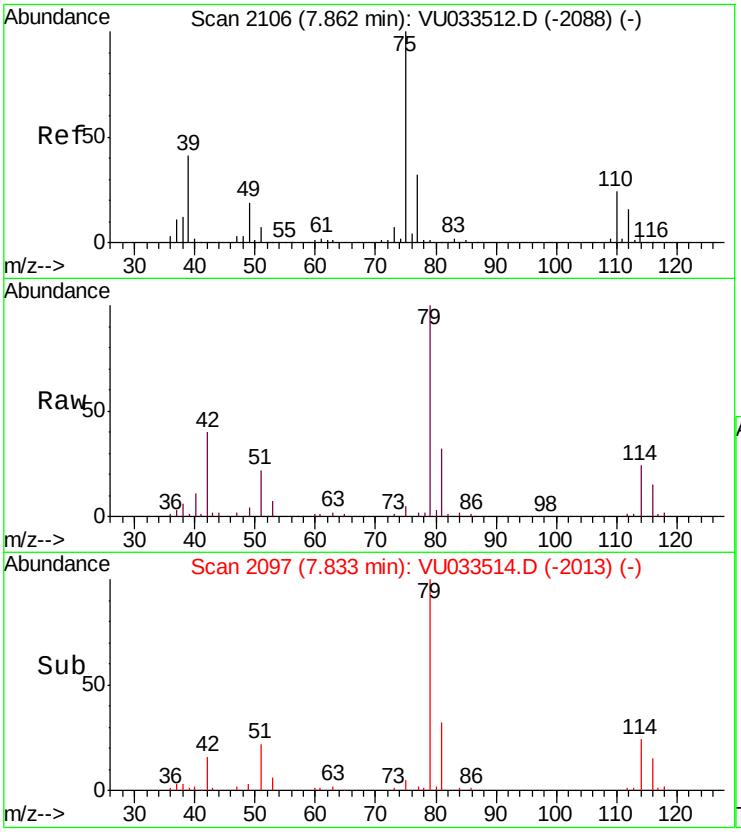


#39
cis-1,3-Dichloropropene
Concen: 0.972 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033514.D
Acq: 31 Jul 2019 10:40

Tgt Ion: 75 Resp: 3642

Ion	Ratio	Lower	Upper
75	100		
77	44.2	22.3	41.5#



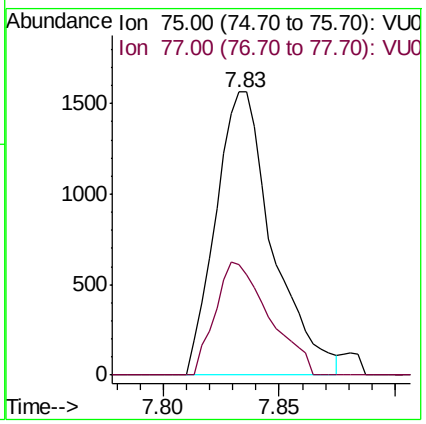


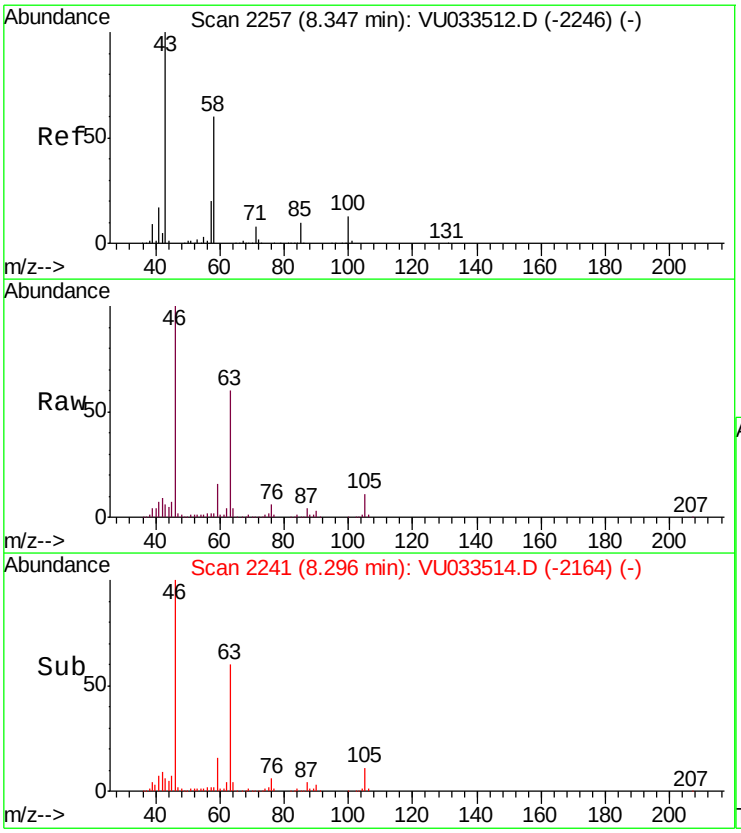
#44
trans-1,3-Dichloropropene
Concen: 0.788 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033514.D
Acq: 31 Jul 2019 10:40

Instrument :
MSVOA_U
ClientSampleId :
VBLK36

Tgt Ion: 75 Resp: 2667

Ion	Ratio	Lower	Upper
75	100		
77	39.0	22.7	42.1





#48
2-Hexanone
Concen: 4.627 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033514.D
Acq: 31 Jul 2019 10:40

Tgt Ion: 43 Resp: 12395

Ion	Ratio	Lower	Upper
43	100		
58	32.6	45.8	68.6#
57	31.6	15.8	23.6#
100	1.5	9.4	14.2#