Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080119\

Quantitation Report (Not Reviewed)

Data File : VU033554.D
Acq On : 01 Aug 2019 17:07
Operator : JC/SP
Sample : K4116-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Quant Time: Aug 02 02:32:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 02:28:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	273407	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	277972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	125080	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	92347	46.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.92%			
7) Chloroethane-d5	1.67	69	83669	49.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.12%			
11) 1,1-Dichloroethene-d2	2.26	63	128503	35.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.24%			
21) 2-Butanone-d5	4.15	46	152548	115.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.86%			
24) Chloroform-d	4.62	84	170154	51.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.14%			
26) 1,2-Dichloroethane-d4	5.29	65	114784	54.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.80%			
32) Benzene-d6	5.32	84	345904	50.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.31	67	115122	53.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.58%			
41) Toluene-d8	7.55	98	305354	47.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.58%			
43) trans-1,3-Dichloropropene-	7.83	79	51971	48.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.00%			
47) 2-Hexanone-d5	8.29	63	108394	105.69	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.69%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	173552	52.11	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.22%			
64) 1,2-Dichlorobenzene-d4	11.85	152	122038	53.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.56%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1249	0.676	ug/L #	19
12) 1,1-Dichloroethene	2.25	96	1024	0.578	ug/L #	1
13) Acetone	2.31	43	698	0.518	ug/L	52
25) Chloroform	4.65	83	7798	2.128	ug/L	94
27) 1,2-Dichloroethane	5.32	62	1938	0.687	ug/L #	75
37) 1,2-Dichloropropane	6.31	63	12477	5.813	ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	2446	0.808	ug/L #	76
59) 1,2,3-Trichloropropane	11.47	75	14602	5.154	ug/L	91

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

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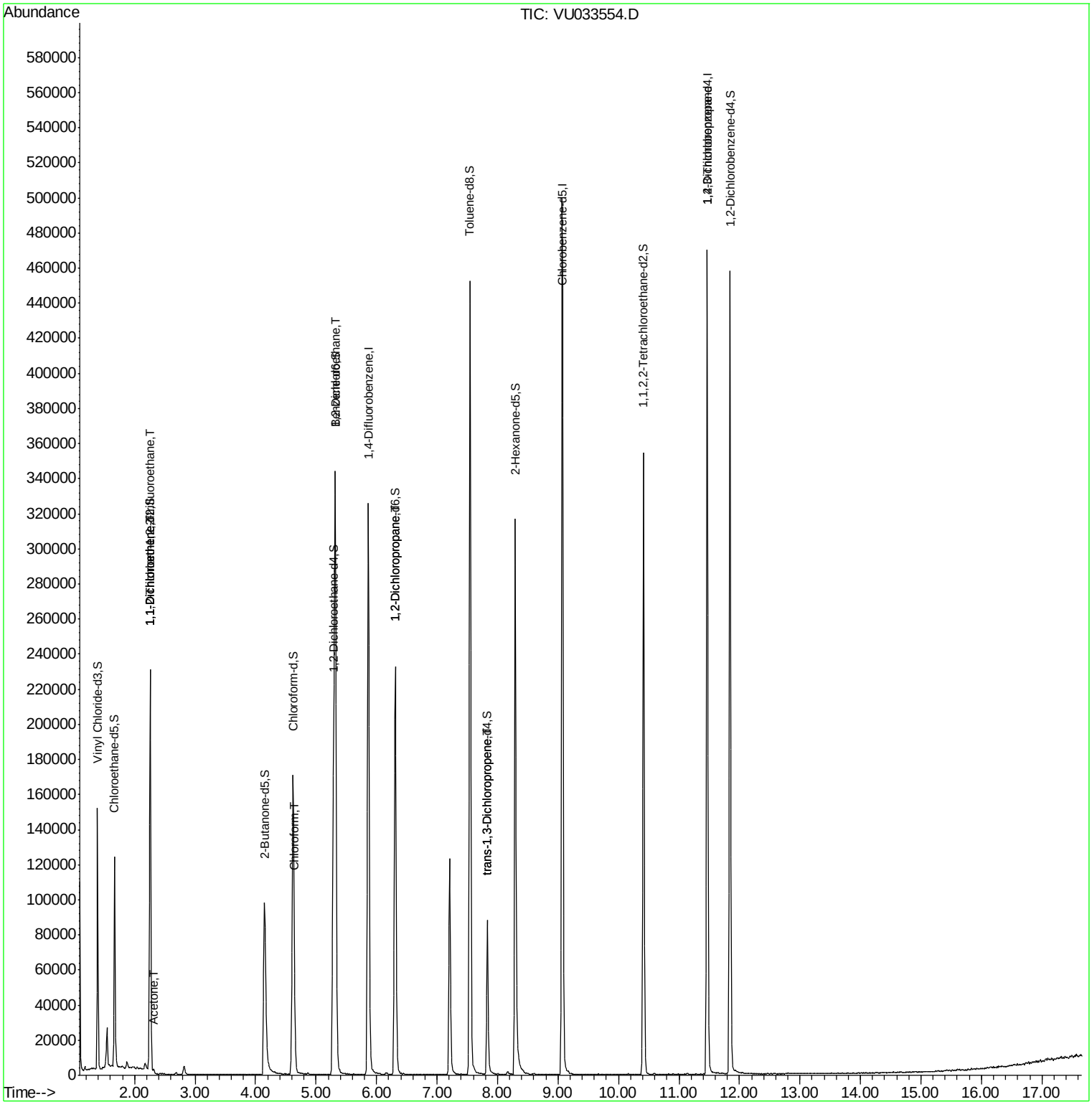
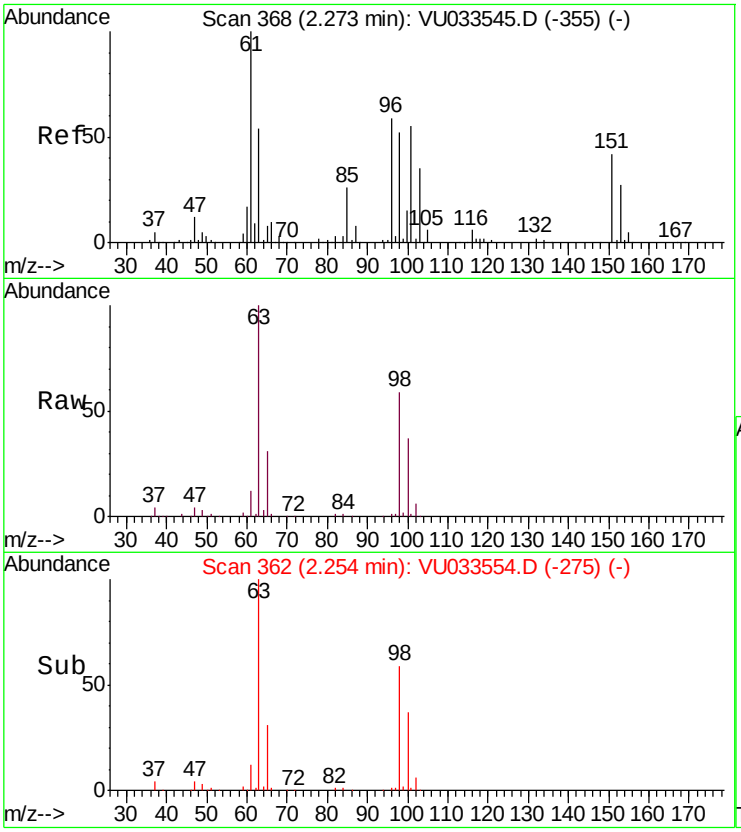
ClientSampleId :
VHBLK02

Quant Time: Aug 02 02:32:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 02:28:15 2019
Response via : Initial Calibration



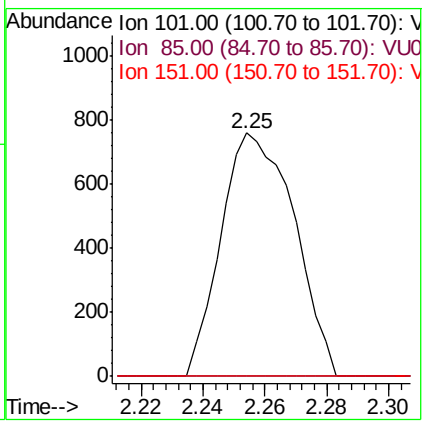


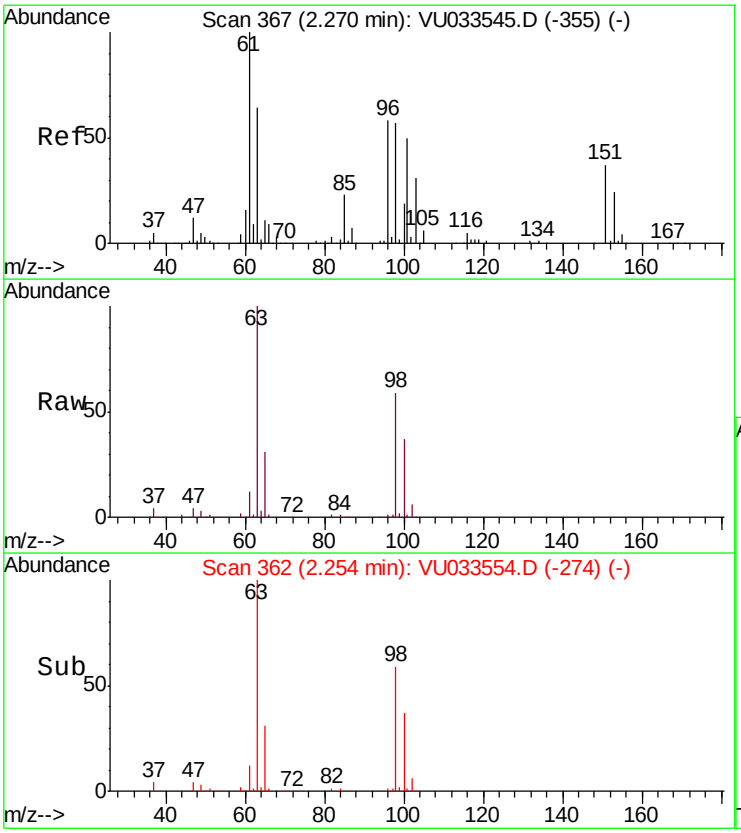
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.676 ug/L
RT: 2.25 min Scan# 362
Delta R.T. -0.02 min
Lab File: VU033554.D
Acq: 01 Aug 2019 17:07

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion:101 Resp: 1249

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

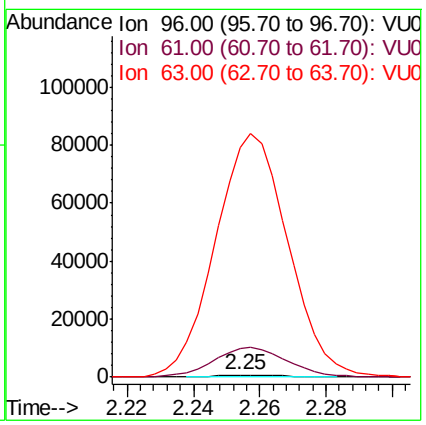


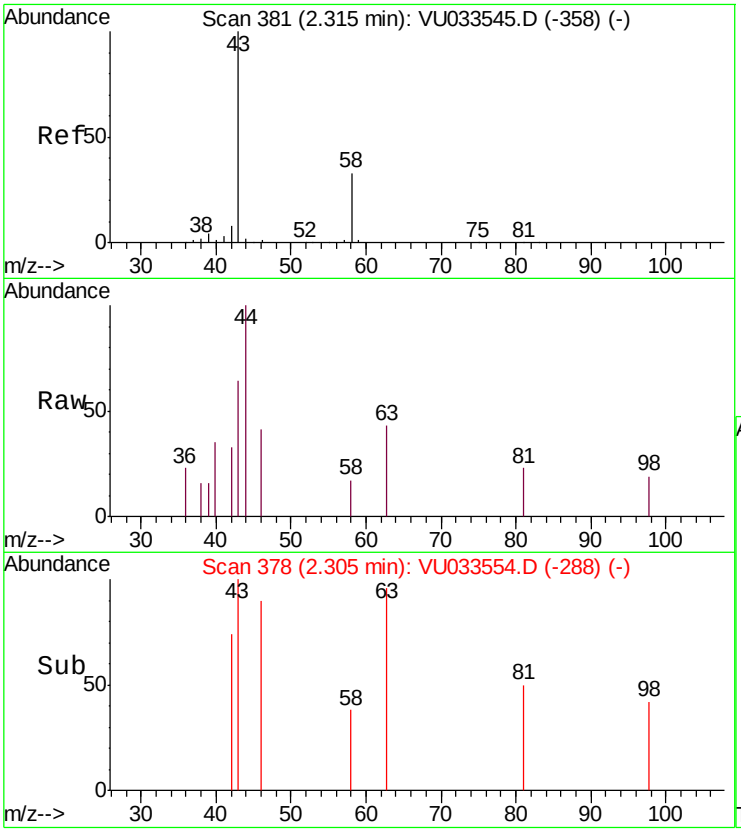


#12
1,1-Dichloroethene
Concen: 0.578 ug/L
RT: 2.25 min Scan# 362
Delta R.T. -0.02 min
Lab File: VU033554.D
Acq: 01 Aug 2019 17:07

Tgt Ion: 96 Resp: 1024

Ion	Ratio	Lower	Upper
96	100		
61	1395.2	119.3	221.5#
63	11232.9	86.6	160.8#



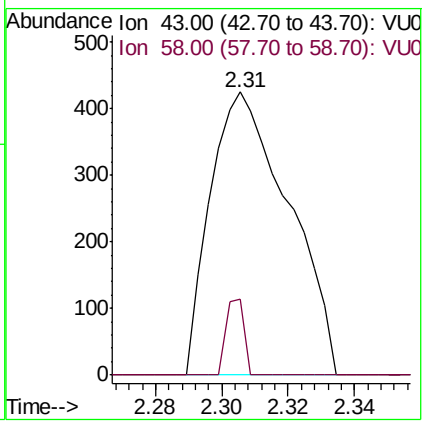


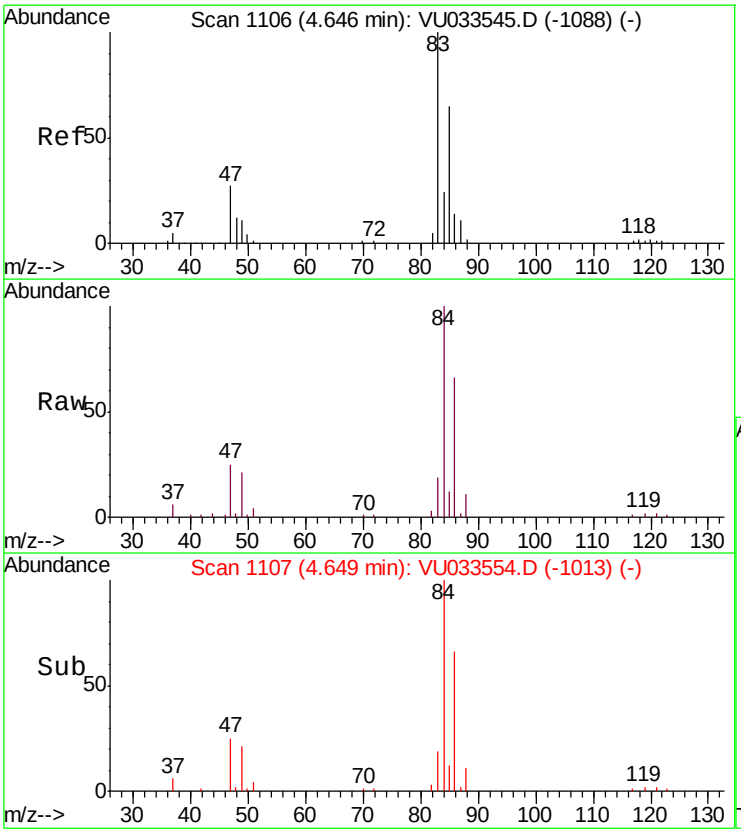
#13
Acetone
Concen: 0.518 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.01 min
Lab File: VU033554.D
Acq: 01 Aug 2019 17:07

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Tgt Ion: 43 Resp: 698

Ion	Ratio	Lower	Upper
43	100		
58	6.2	0.0	66.2

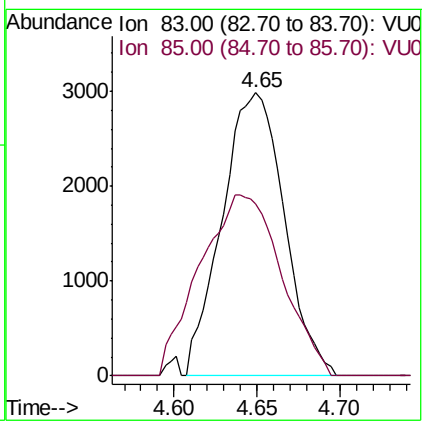


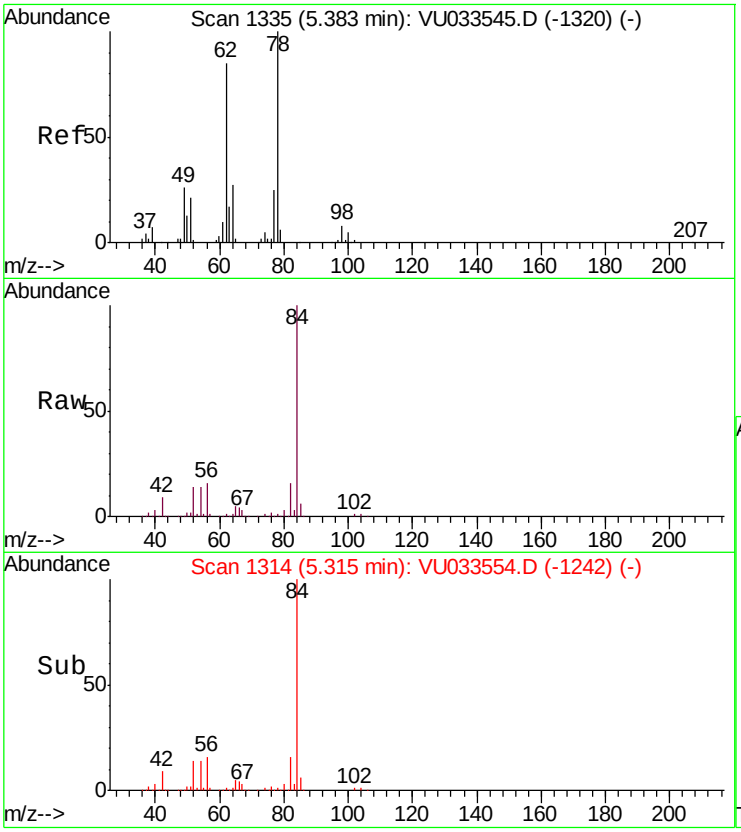


#25
Chloroform
Concen: 2.128 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033554.D
Acq: 01 Aug 2019 17:07

Tgt Ion: 83 Resp: 7798

Ion	Ratio	Lower	Upper
83	100		
85	60.8	45.6	84.8



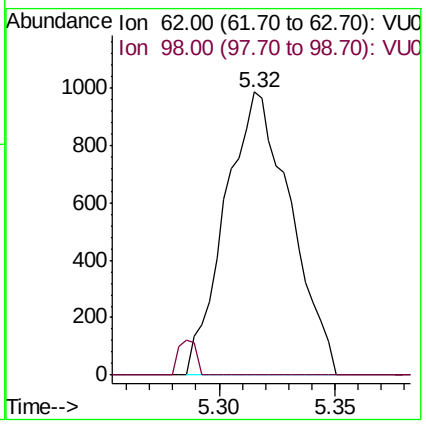


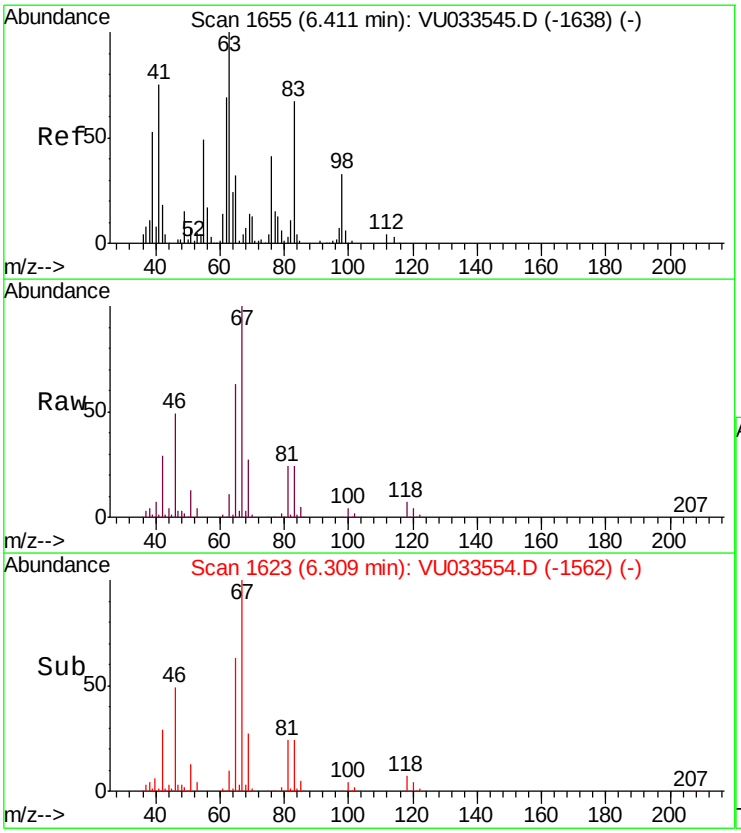
#27
1,2-Dichloroethane
Concen: 0.687 ug/L
RT: 5.32 min Scan# 1314
Delta R.T. -0.07 min
Lab File: VU033554.D
Acq: 01 Aug 2019 17:07

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 62 Resp: 1938

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

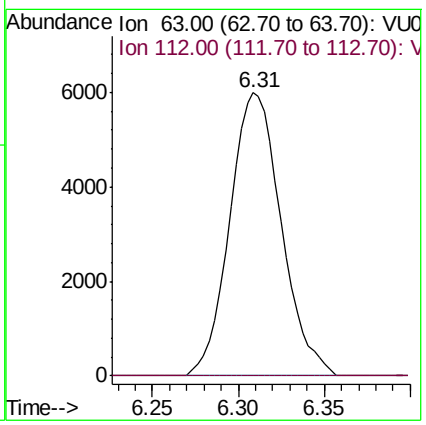


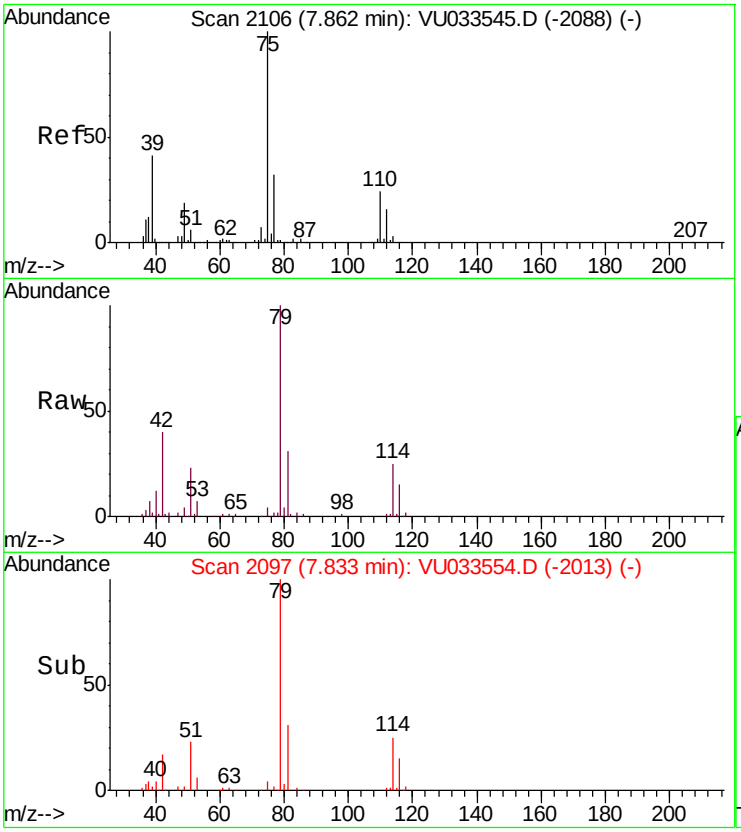


#37
1,2-Dichloropropane
Concen: 5.813 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033554.D
Acq: 01 Aug 2019 17:07

Tgt Ion: 63 Resp: 12477

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



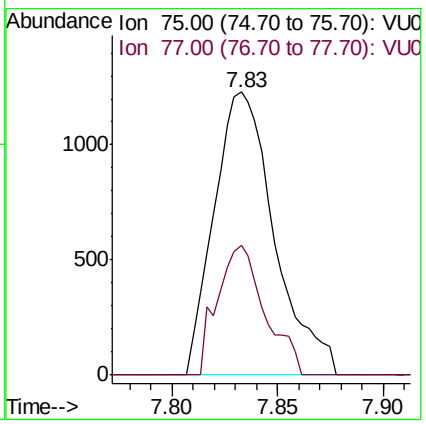


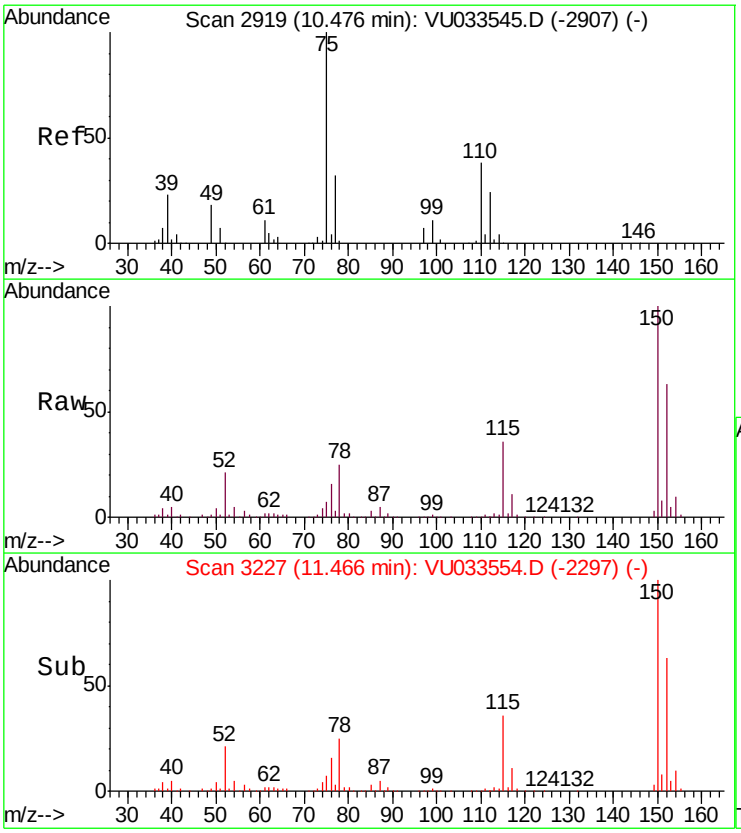
#44
trans-1,3-Dichloropropene
Concen: 0.808 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033554.D
Acq: 01 Aug 2019 17:07

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 75 Resp: 2446

Ion	Ratio	Lower	Upper
75	100		
77	45.9	22.7	42.1#





#59
1,2,3-Trichloropropane
Concen: 5.154 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033554.D
Acq: 01 Aug 2019 17:07

Tgt Ion: 75 Resp: 14602

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.8	38.6