Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080219\

Quantitation Report (Not Reviewed)

Data File : VU033564.D
Acq On : 02 Aug 2019 13:00
Operator : JC/SP
Sample : K4103-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB9F9

Quant Time: Aug 03 00:42:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	287741	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	283693	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	127363	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	127371	60.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 121.76%			
7) Chloroethane-d5	1.67	69	108170	60.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.52%			
11) 1,1-Dichloroethene-d2	2.26	63	169761	44.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.42%			
21) 2-Butanone-d5	4.15	46	172642	124.59	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 124.59%			
24) Chloroform-d	4.62	84	199990	57.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.06%			
26) 1,2-Dichloroethane-d4	5.29	65	132253	59.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.10%			
32) Benzene-d6	5.32	84	414567	58.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.90%			
36) 1,2-Dichloropropane-d6	6.31	67	130721	59.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 118.58%			
41) Toluene-d8	7.55	98	368005	55.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.68%			
43) trans-1,3-Dichloropropene-	7.83	79	61702	56.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 112.84%			
47) 2-Hexanone-d5	8.29	63	122531	117.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.07%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	194283	57.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 114.30%			
64) 1,2-Dichlorobenzene-d4	11.85	152	137770	59.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 118.14%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1492	0.768	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	4295	2.305	ug/L #	1
13) Acetone	2.31	43	2298	1.621	ug/L	85
17) trans-1,2-Dichloroethene	2.97	96	3305	1.693	ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	1340514	611.759	ug/L	100
25) Chloroform	4.65	83	4833	1.253	ug/L	94
34) Trichloroethene	6.17	95	3719598	1722.960	ug/L	97
39) cis-1,3-Dichloropropene	7.21	75	3746	1.096	ug/L #	63
40) 4-Methyl-2-pentanone	7.54	43	1567	0.518	ug/L #	1
44) trans-1,3-Dichloropropene	7.83	75	2643	0.855	ug/L	93
59) 1,2,3-Trichloropropane	11.47	75	14705	5.085	ug/L	91

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

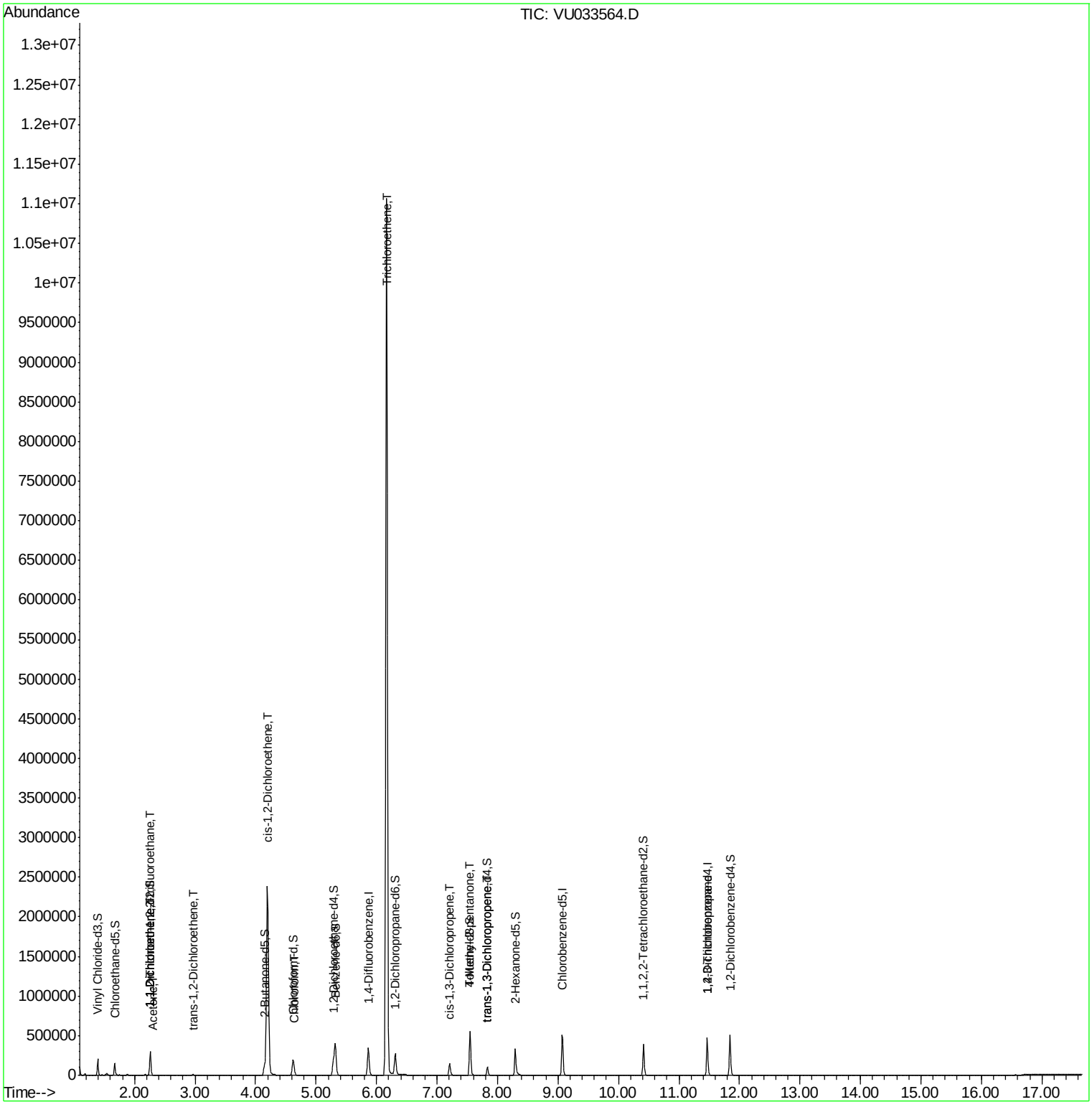
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080219\

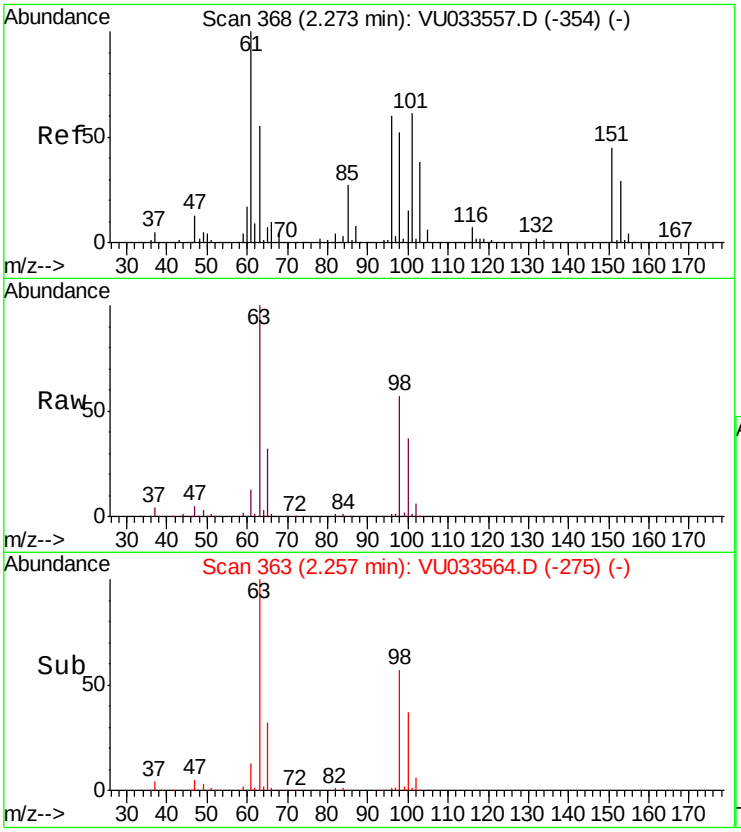
Quantitation Report (Not Reviewed)

Data File : VU033564.D
Acq On : 02 Aug 2019 13:00
Operator : JC/SP
Sample : K4103-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB9F9

Quant Time: Aug 03 00:42:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration



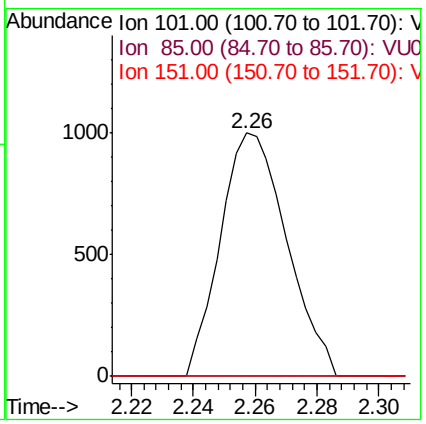


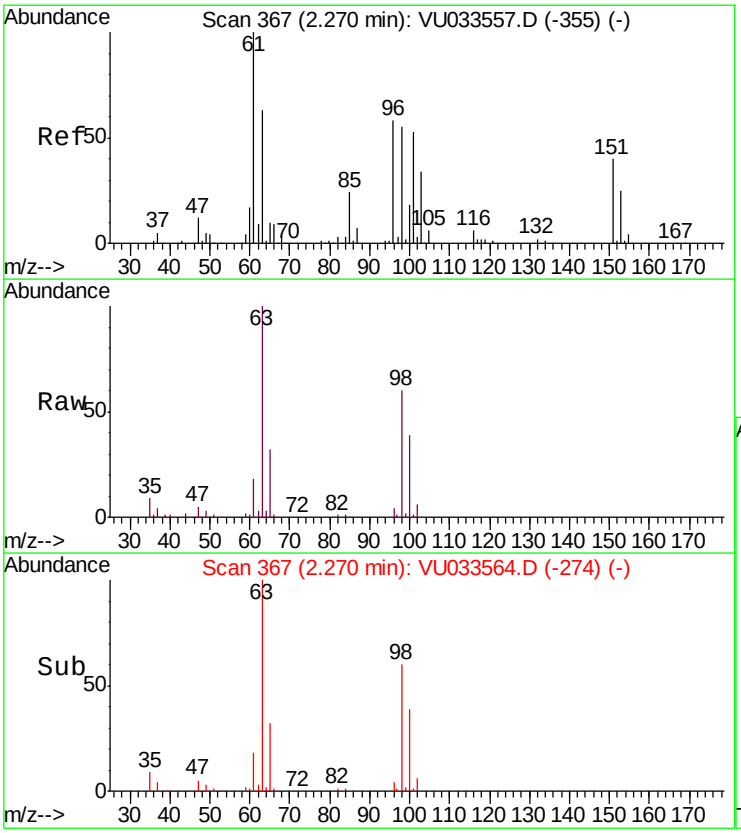
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.768 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.02 min
Lab File: VU033564.D
Acq: 02 Aug 2019 13:00

Instrument : MSVOA_U
ClientSampleId : DB9F9

Tgt Ion:101 Resp: 1492

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

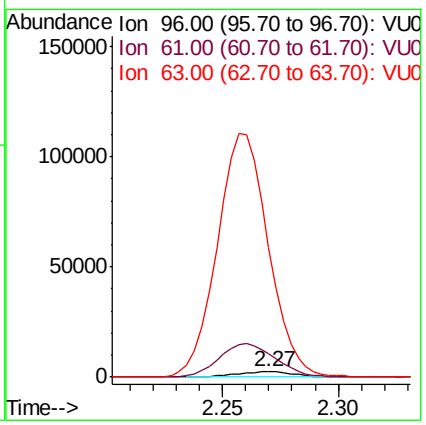


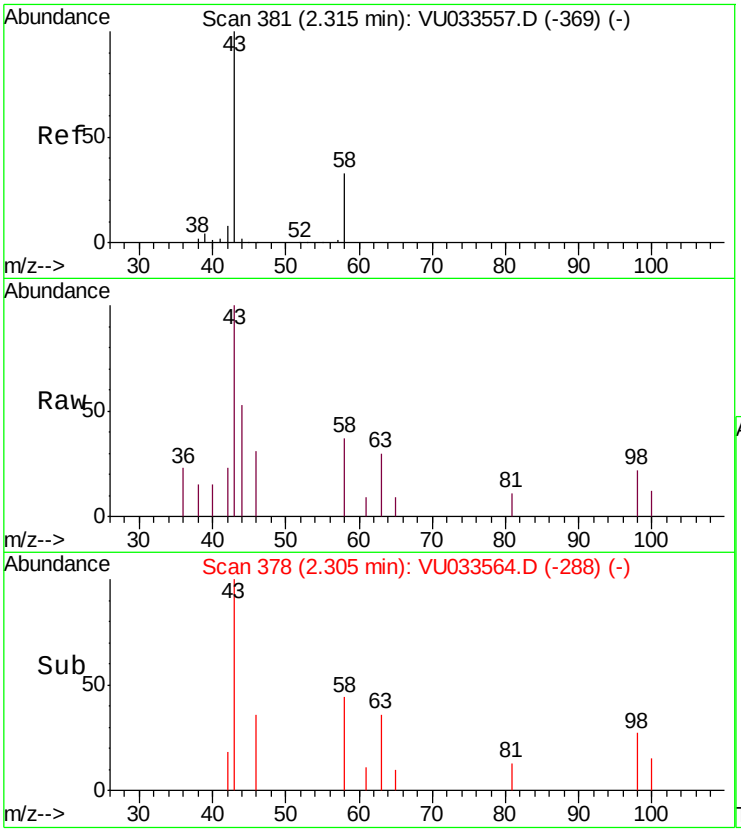


#12
1,1-Dichloroethene
Concen: 2.305 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.00 min
Lab File: VU033564.D
Acq: 02 Aug 2019 13:00

Tgt Ion: 96 Resp: 4295

Ion	Ratio	Lower	Upper
96	100		
61	451.9	119.3	221.5#
63	2548.2	86.6	160.8#



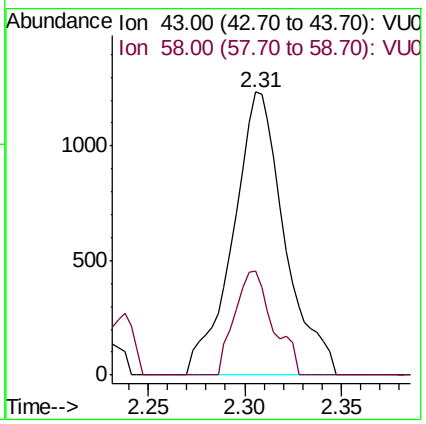


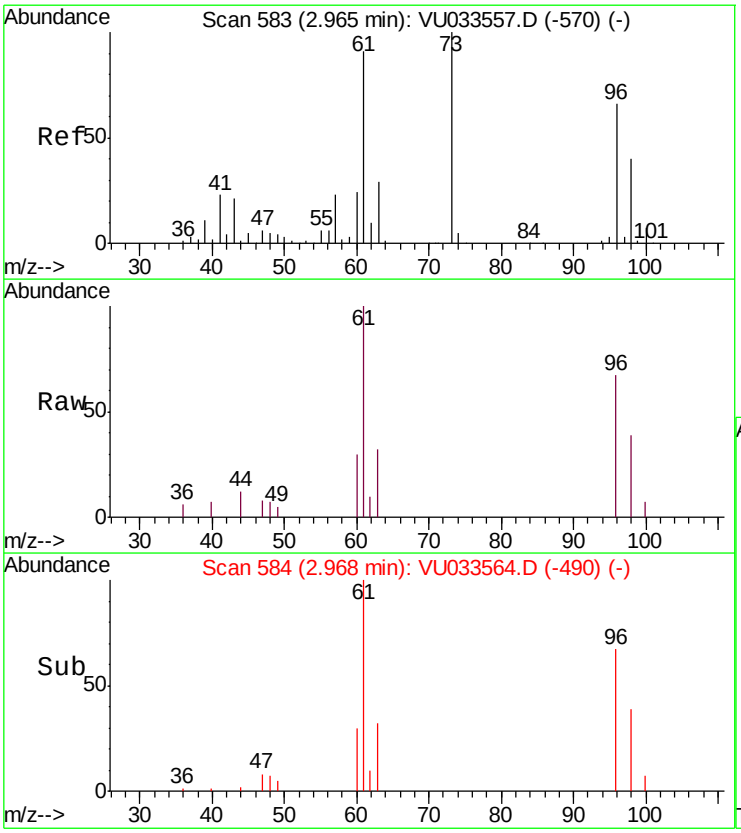
#13
Acetone
Concen: 1.621 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.01 min
Lab File: VU033564.D
Acq: 02 Aug 2019 13:00

Instrument : MSVOA_U
ClientSampleId : DB9F9

Tgt Ion: 43 Resp: 2298

Ion	Ratio	Lower	Upper
43	100		
58	24.5	0.0	66.2

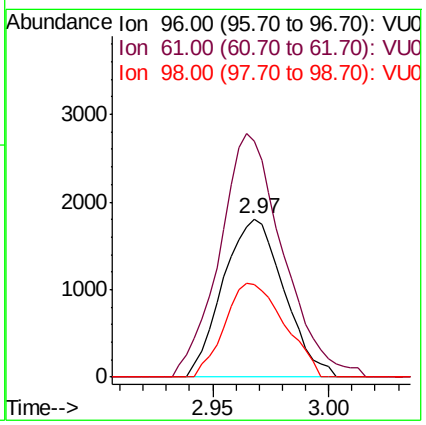


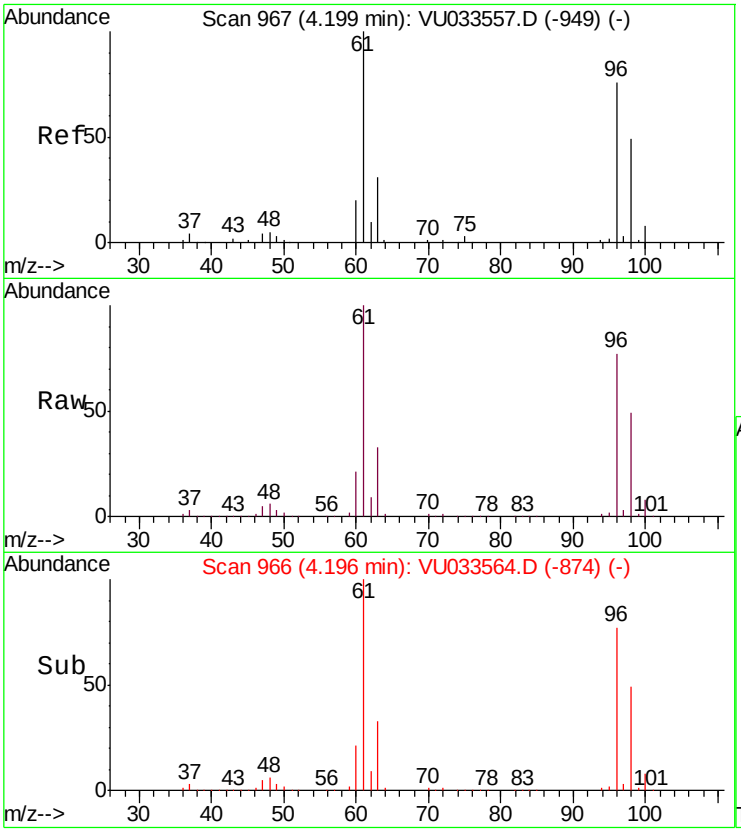


#17
trans-1,2-Dichloroethene
Concen: 1.693 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.00 min
Lab File: VU033564.D
Acq: 02 Aug 2019 13:00

Tgt Ion: 96 Resp: 3305

Ion	Ratio	Lower	Upper
96	100		
61	149.5	98.3	182.5
98	58.4	44.3	82.3



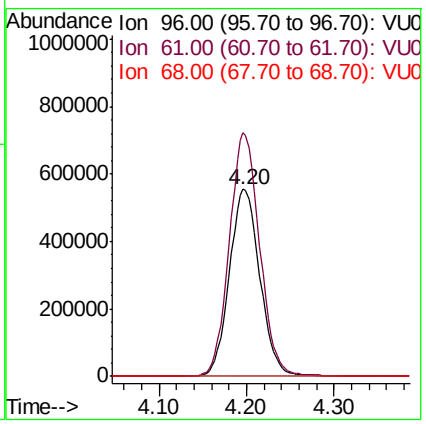


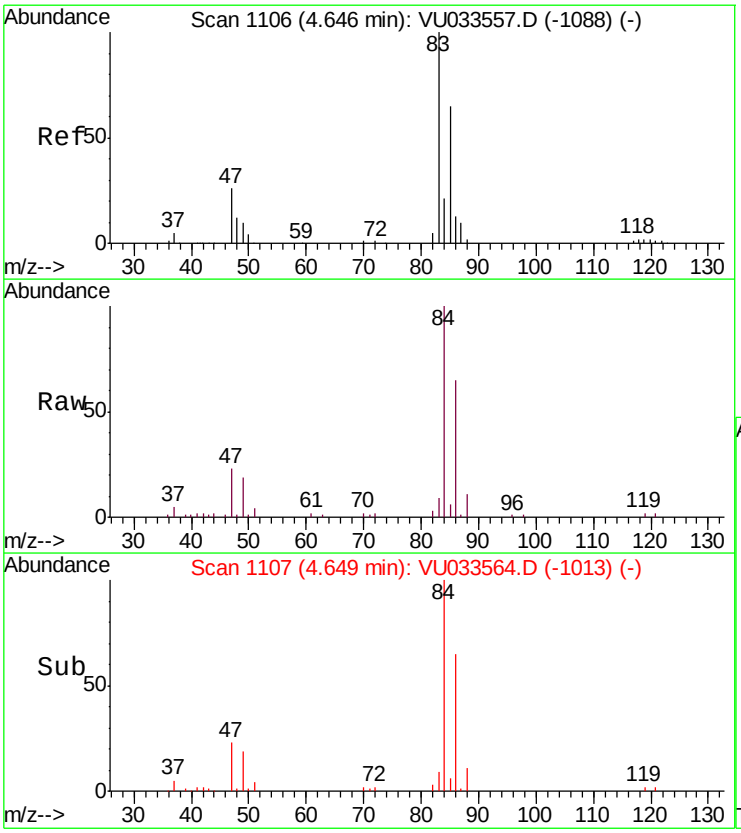
#20
cis-1,2-Dichloroethene
Concen: 611.759 ug/L
RT: 4.20 min Scan# 966
Delta R.T. -0.00 min
Lab File: VU033564.D
Acq: 02 Aug 2019 13:00

Instrument :
MSVOA_U
ClientSampleId :
DB9F9

Tgt Ion: 96 Resp: 1340514

Ion	Ratio	Lower	Upper
96	100		
61	130.2	91.3	169.6
68	0.0	0.0	0.0

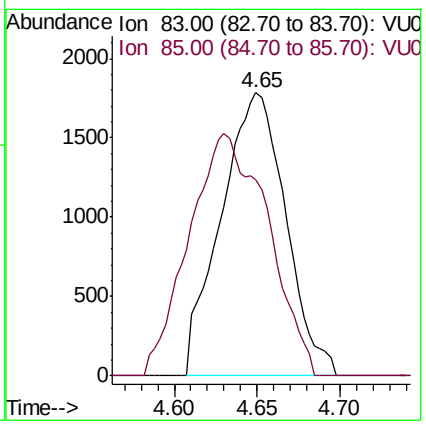


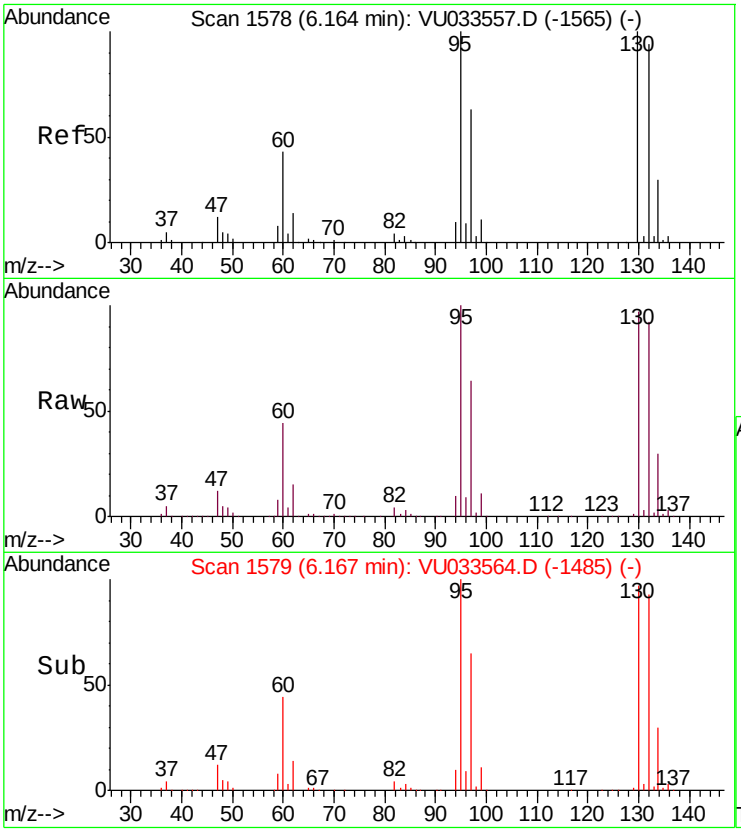


#25
Chloroform
Concen: 1.253 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033564.D
Acq: 02 Aug 2019 13:00

Tgt Ion: 83 Resp: 4833

Ion	Ratio	Lower	Upper
83	100		
85	69.6	45.6	84.8



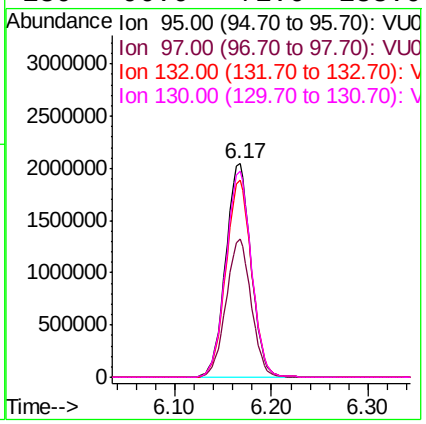


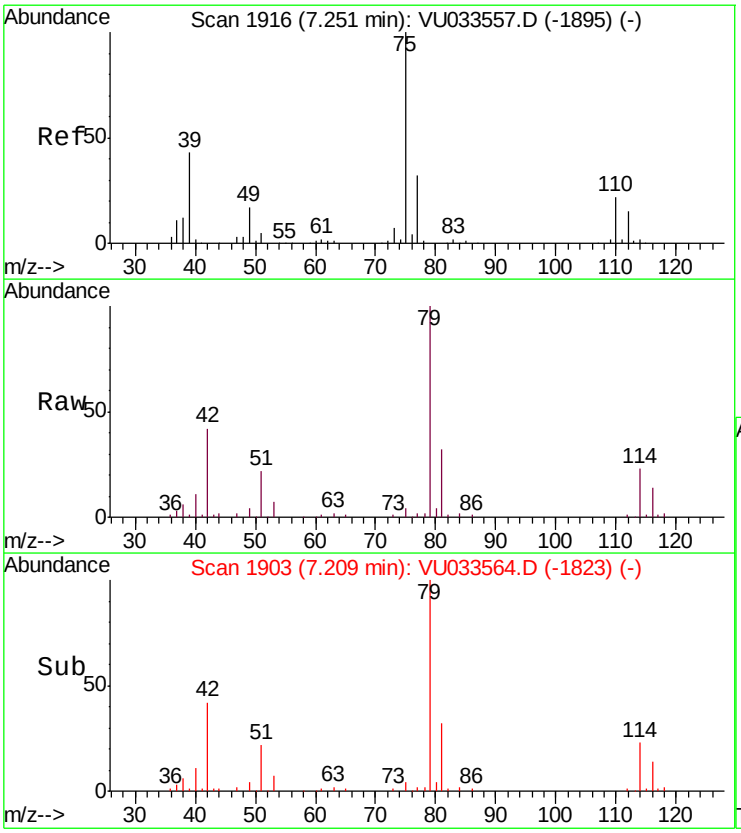
#34
Trichloroethene
Concen: 1722.960 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033564.D
Acq: 02 Aug 2019 13:00

Instrument : MSVOA_U
ClientSampleId : DB9F9

Tgt Ion: 95 Resp: 3719598

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.7	83.1
132	92.5	66.8	124.0
130	96.6	71.6	133.0

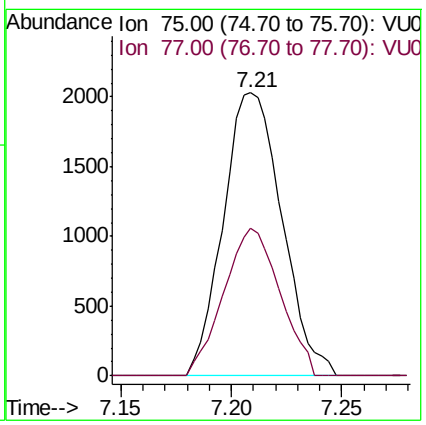


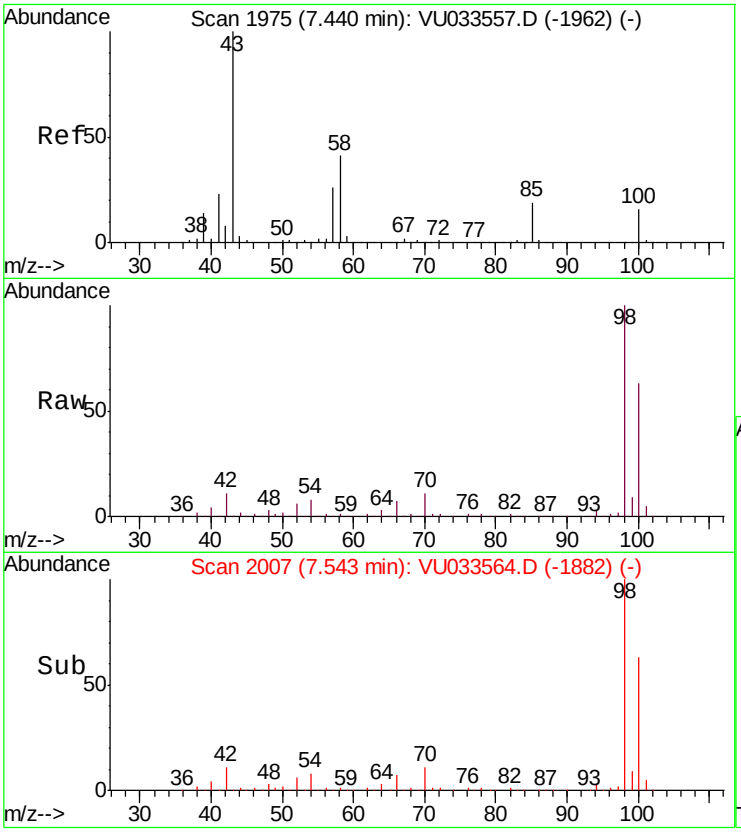


#39
cis-1,3-Dichloropropene
Concen: 1.096 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033564.D
Acq: 02 Aug 2019 13:00

Tgt Ion: 75 Resp: 3746

Ion	Ratio	Lower	Upper
75	100		
77	52.3	22.3	41.5#



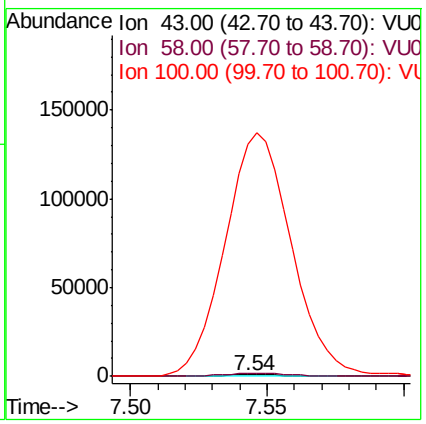


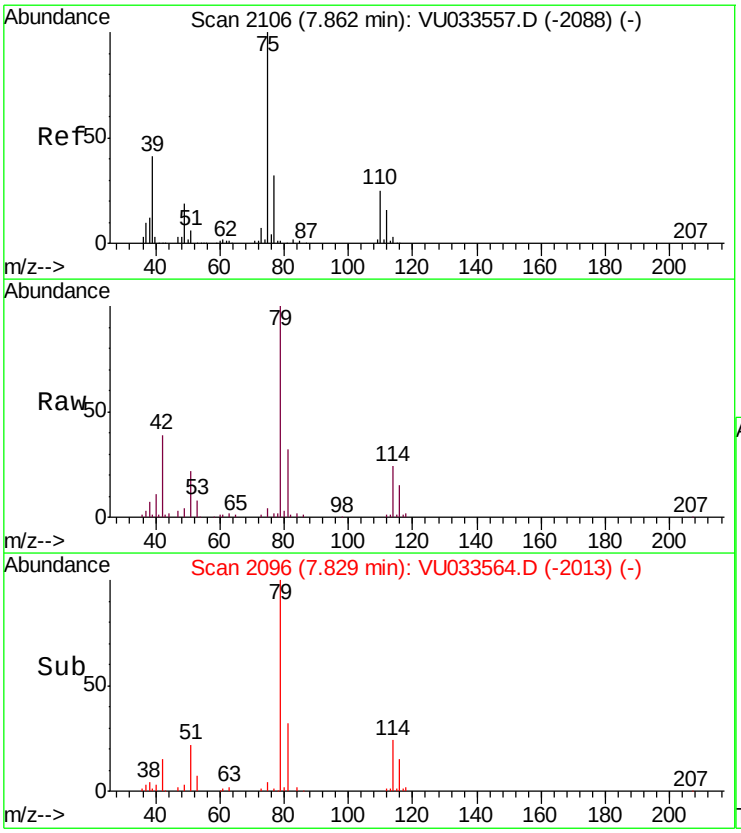
#40
4-Methyl-2-pentanone
Concen: 0.518 ug/L
RT: 7.54 min Scan# 2007
Delta R.T. 0.10 min
Lab File: VU033564.D
Acq: 02 Aug 2019 13:00

Instrument : MSVOA_U
ClientSampleId : DB9F9

Tgt Ion: 43 Resp: 1567

Ion	Ratio	Lower	Upper
43	100		
58	191.4	32.8	49.2#
100	15001.0	12.9	19.3#

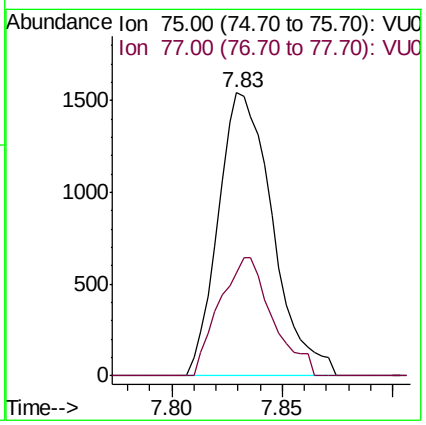


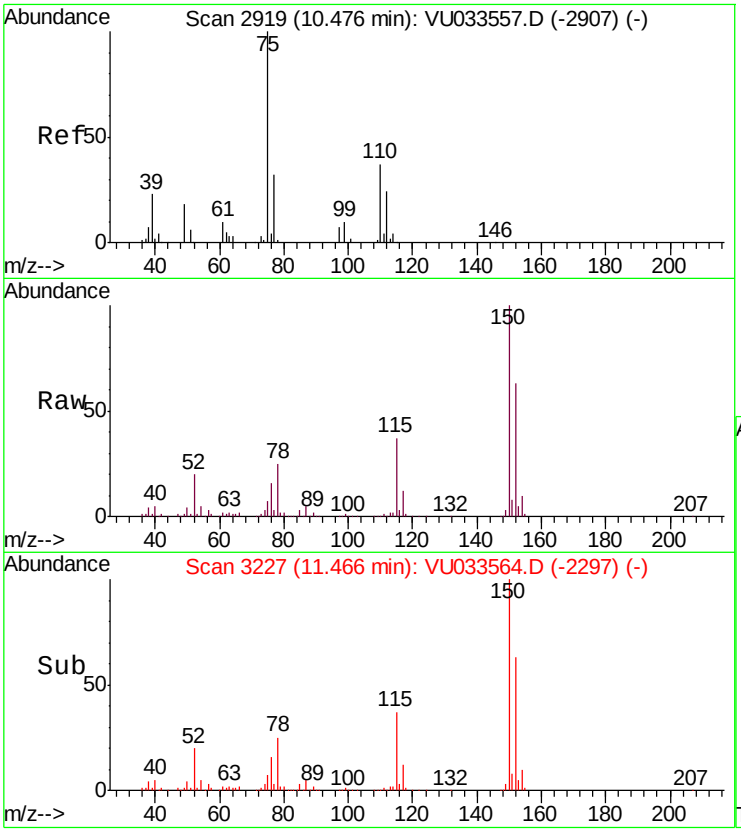


#44
trans-1,3-Dichloropropene
Concen: 0.855 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033564.D
Acq: 02 Aug 2019 13:00

Tgt Ion: 75 Resp: 2643

Ion	Ratio	Lower	Upper
75	100		
77	36.6	22.7	42.1





#59
1,2,3-Trichloropropane
Concen: 5.085 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033564.D
Acq: 02 Aug 2019 13:00

Instrument :
MSVOA_U
ClientSampleId :
DB9F9

Tgt Ion: 75 Resp: 14705

Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.8	38.6