Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\

Quantitation Report (Not Reviewed)

Data File : VU033232.D
Acq On : 12 Jul 2019 19:17
Operator : JC/SP
Sample : K3787-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C92

Quant Time: Jul 13 00:13:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	300542	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	299024	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	132188	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	118035	51.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.76%			
7) Chloroethane-d5	1.67	69	105046	54.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.10%			
11) 1,1-Dichloroethene-d2	2.26	63	158054	38.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.60%			
21) 2-Butanone-d5	4.15	46	169042	117.26	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.26%			
24) Chloroform-d	4.62	84	195516	51.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.56%			
26) 1,2-Dichloroethane-d4	5.28	65	130293	53.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.56%			
32) Benzene-d6	5.32	84	400612	54.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.22%			
36) 1,2-Dichloropropane-d6	6.31	67	128179	54.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.10%			
41) Toluene-d8	7.55	98	357481	51.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.36%			
43) trans-1,3-Dichloropropene-	7.83	79	58933	51.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.30%			
47) 2-Hexanone-d5	8.29	63	120868	114.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.10%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	189322	53.23	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.46%			
64) 1,2-Dichlorobenzene-d4	11.85	152	133996	56.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.68%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1383	0.675	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1295	0.646	ug/L #	1
13) Acetone	2.31	43	4047	2.247	ug/L	96
25) Chloroform	4.65	83	40877	9.644	ug/L	96
39) cis-1,3-Dichloropropene	7.21	75	4034	1.113	ug/L	89
44) trans-1,3-Dichloropropene	7.83	75	2786	0.852	ug/L	89
48) 2-Hexanone	8.29	43	13834	5.352	ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	16196	5.261	ug/L	89

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

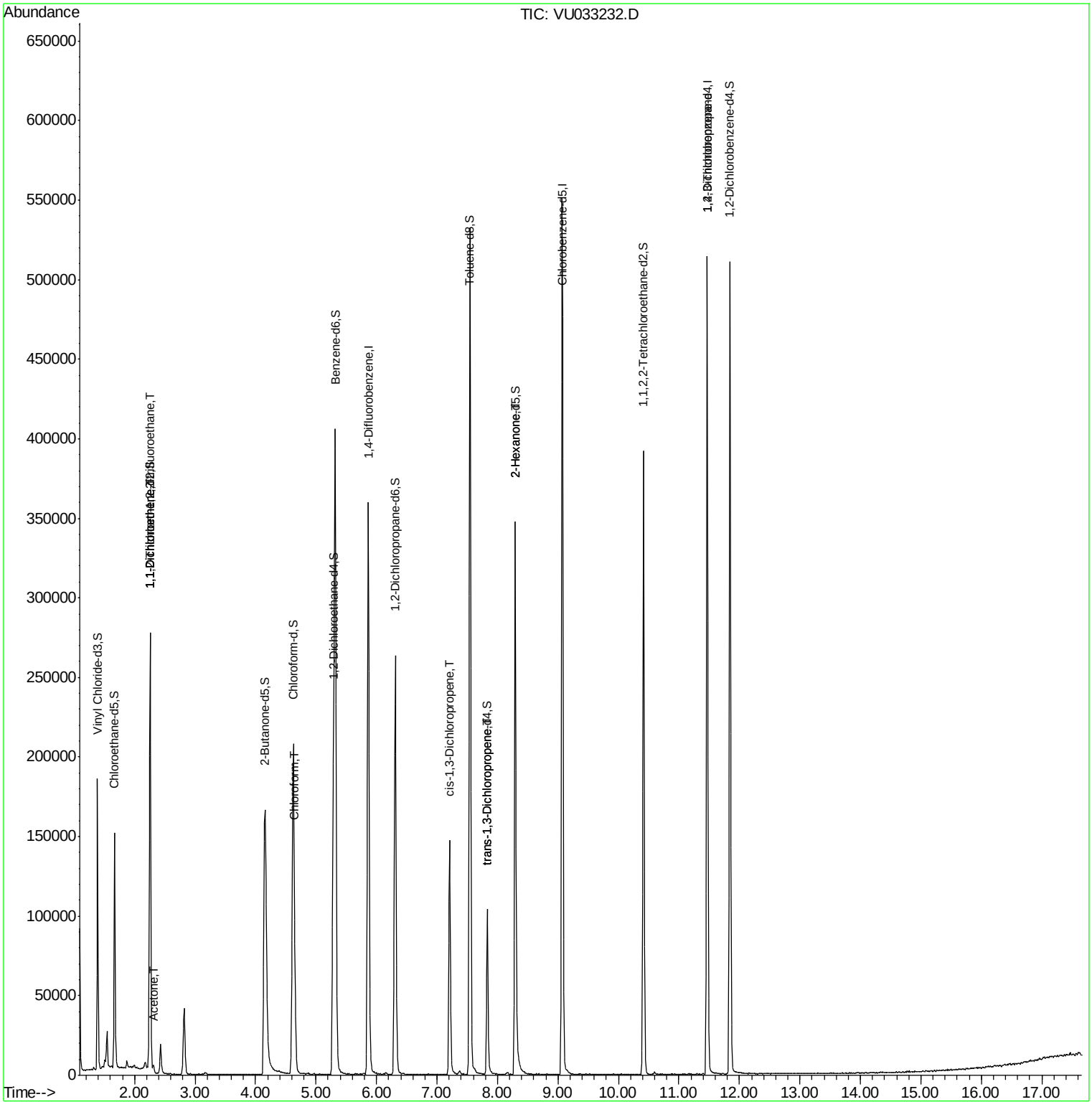
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\

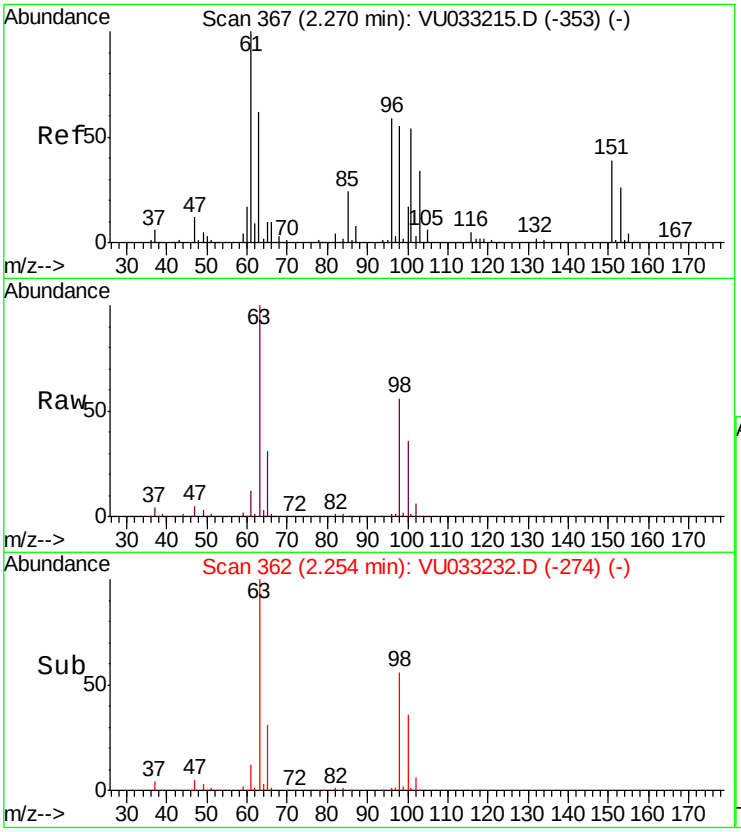
Quantitation Report (Not Reviewed)

Data File : VU033232.D
Acq On : 12 Jul 2019 19:17
Operator : JC/SP
Sample : K3787-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C92

Quant Time: Jul 13 00:13:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration



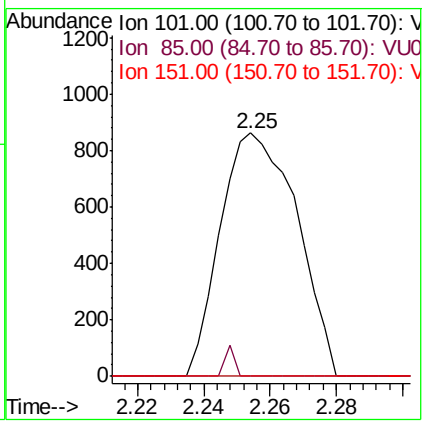


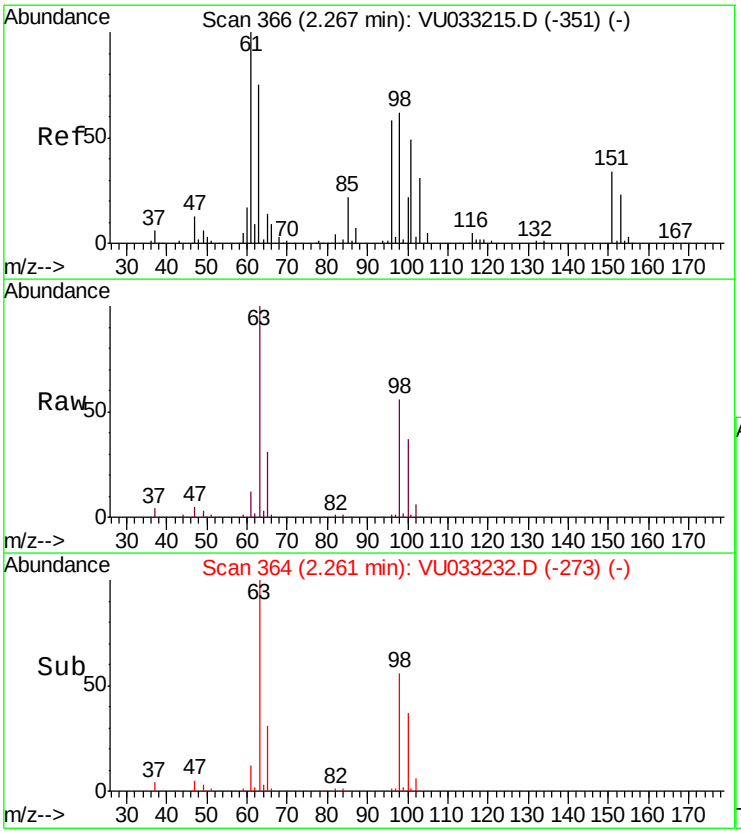
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.675 ug/L
RT: 2.25 min Scan# 362
Delta R.T. -0.02 min
Lab File: VU033232.D
Acq: 12 Jul 2019 19:17

Instrument : MSVOA_U
ClientSampleId : C0C92

Tgt Ion:101 Resp: 1383

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.8#
151	0.0	56.7	85.1#

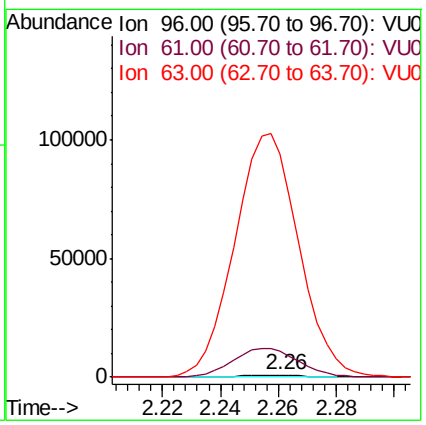


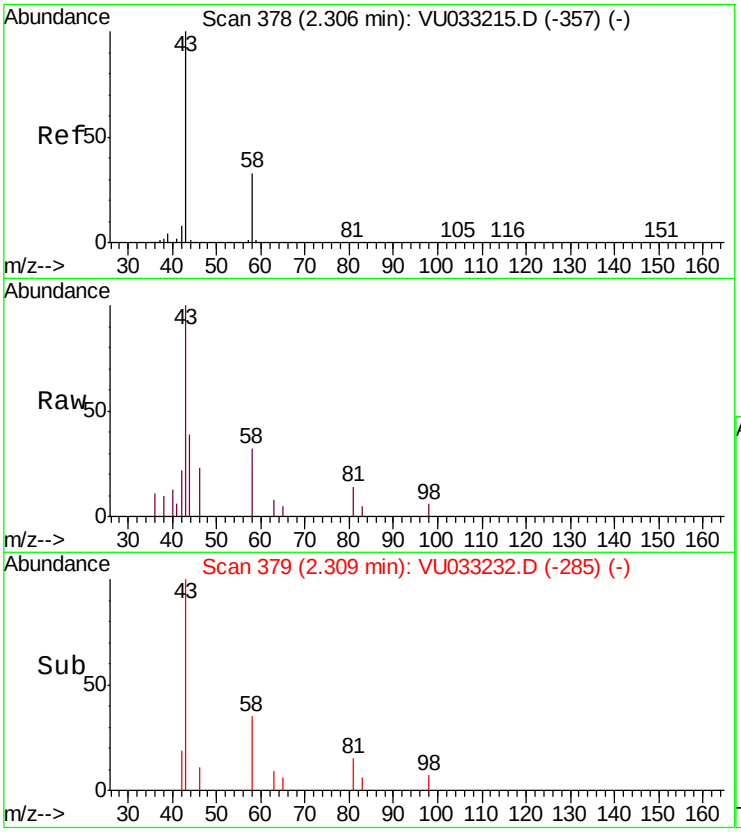


#12
1,1-Dichloroethene
Concen: 0.646 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033232.D
Acq: 12 Jul 2019 19:17

Tgt Ion: 96 Resp: 1295

Ion	Ratio	Lower	Upper
96	100		
61	1296.7	126.1	234.1#
63	11122.4	96.8	179.8#



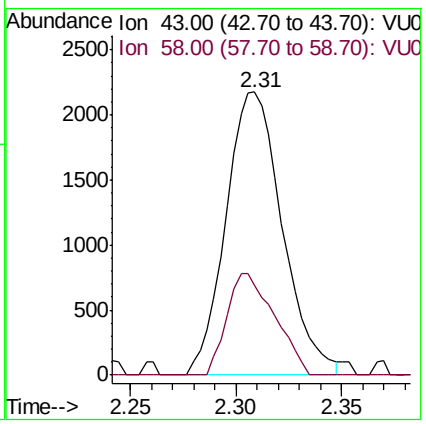


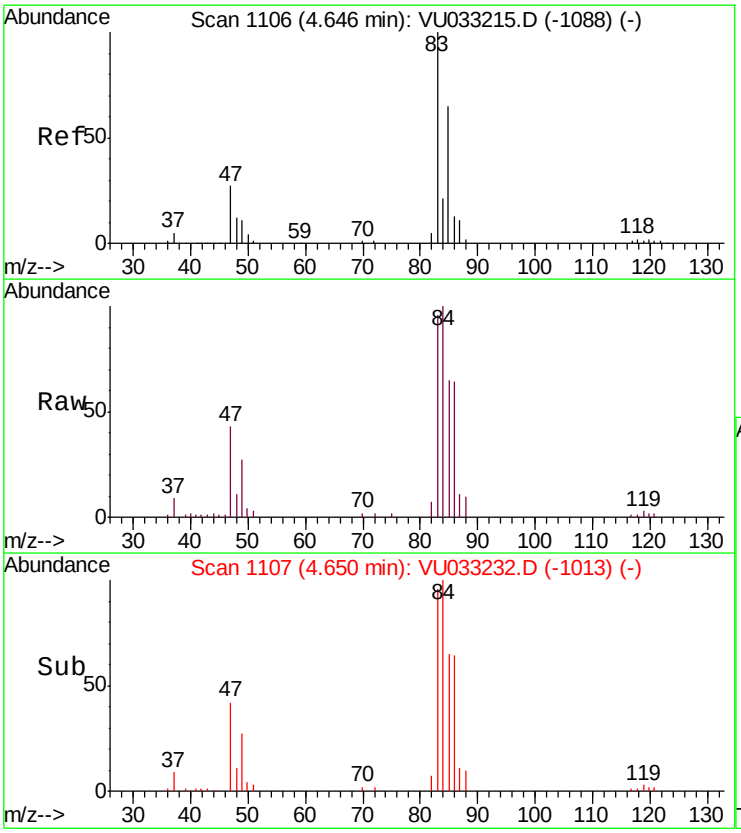
#13
Acetone
Concen: 2.247 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU033232.D
Acq: 12 Jul 2019 19:17

Instrument :
MSVOA_U
ClientSampleId :
C0C92

Tgt Ion: 43 Resp: 4047

Ion	Ratio	Lower	Upper
43	100		
58	30.3	0.0	65.4

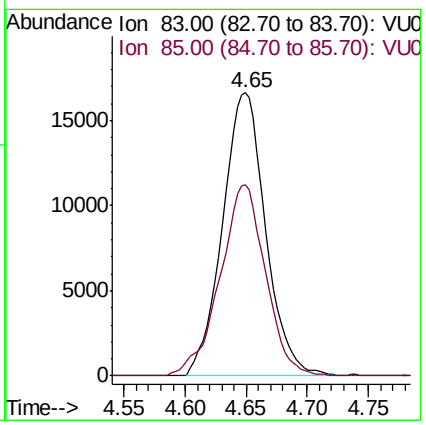


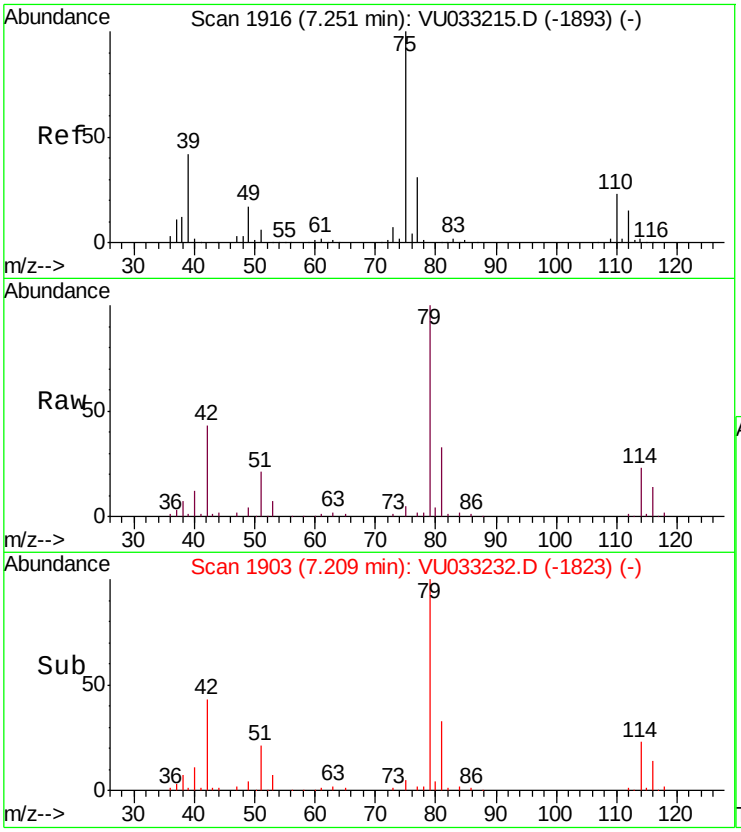


#25
Chloroform
Concen: 9.644 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033232.D
Acq: 12 Jul 2019 19:17

Tgt Ion: 83 Resp: 40877

Ion	Ratio	Lower	Upper
83	100		
85	67.8	45.4	84.4



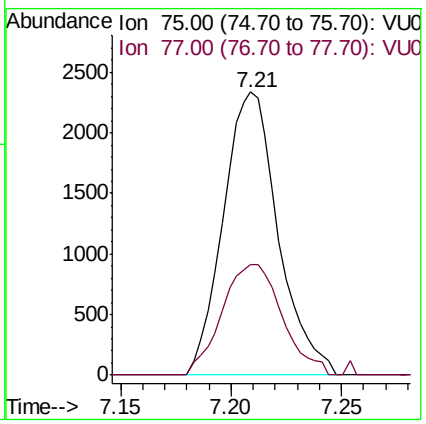


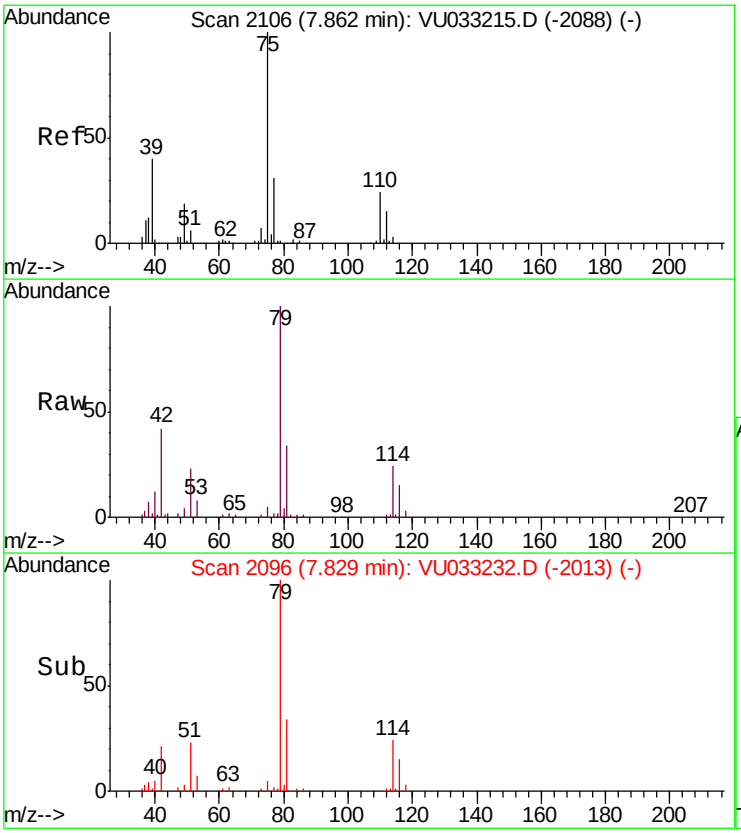
#39
cis-1,3-Dichloropropene
Concen: 1.113 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033232.D
Acq: 12 Jul 2019 19:17

Instrument :
MSVOA_U
ClientSampleId :
C0C92

Tgt Ion: 75 Resp: 4034

Ion	Ratio	Lower	Upper
75	100		
77	39.2	23.1	42.9

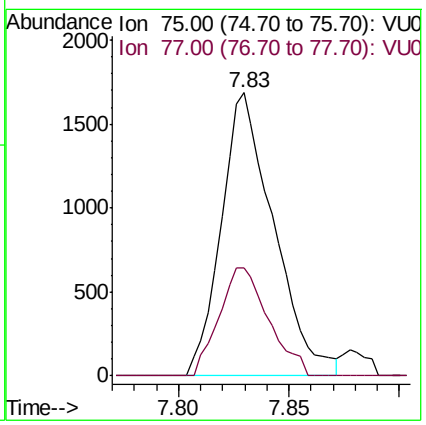


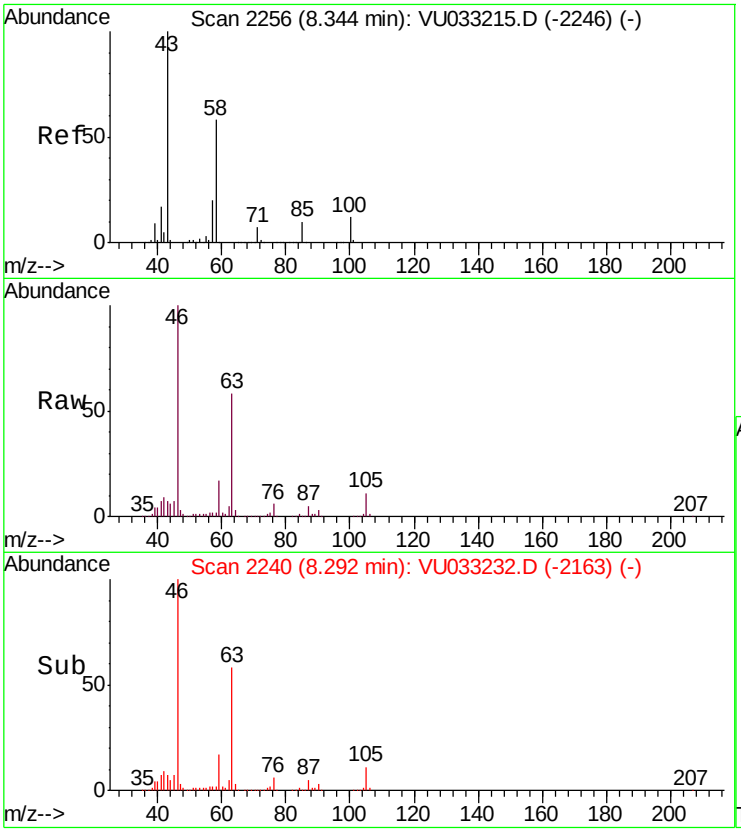


#44
trans-1,3-Dichloropropene
Concen: 0.852 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033232.D
Acq: 12 Jul 2019 19:17

Tgt Ion: 75 Resp: 2786

Ion	Ratio	Lower	Upper
75	100		
77	38.2	22.4	41.6



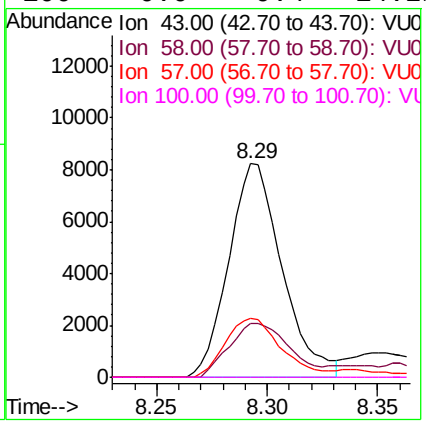


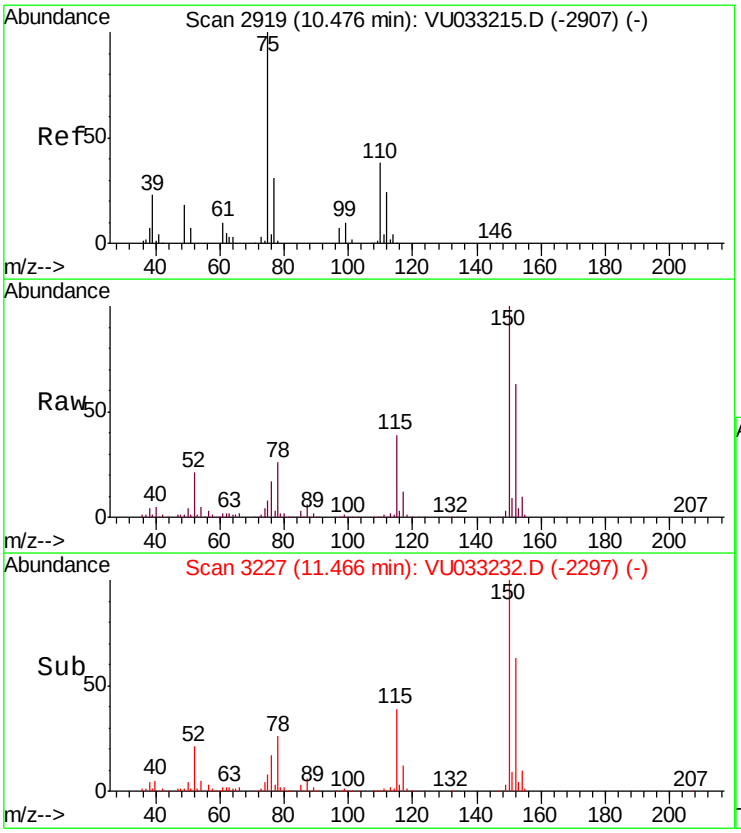
#48
2-Hexanone
Concen: 5.352 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033232.D
Acq: 12 Jul 2019 19:17

Instrument : MSVOA_U
ClientSampleId : C0C92

Tgt Ion: 43 Resp: 13834

Ion	Ratio	Lower	Upper
43	100		
58	28.5	46.1	69.1#
57	28.6	15.8	23.8#
100	0.0	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 5.261 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033232.D
Acq: 12 Jul 2019 19:17

Tgt Ion: 75 Resp: 16196

Ion	Ratio	Lower	Upper
75	100		
77	38.9	26.0	39.0