Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072619\

Quantitation Report (Not Reviewed)

Data File : VU033458.D
Acq On : 26 Jul 2019 17:05
Operator : JC/SP
Sample : K3976-02DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CB3DL

Quant Time: Jul 27 02:03:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	268393	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	278470	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	116543	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	108159	53.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.46%			
7) Chloroethane-d5	1.67	69	98042	56.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.98%			
11) 1,1-Dichloroethene-d2	2.25	63	149470	40.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.12%			
21) 2-Butanone-d5	4.15	46	146652	113.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.92%			
24) Chloroform-d	4.62	84	178121	52.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.62%			
26) 1,2-Dichloroethane-d4	5.29	65	122999	56.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.64%			
32) Benzene-d6	5.32	84	367707	53.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.66%			
36) 1,2-Dichloropropane-d6	6.31	67	120482	55.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.12%			
41) Toluene-d8	7.55	98	331770	51.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.00%			
43) trans-1,3-Dichloropropene-	7.83	79	52394	48.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.66%			
47) 2-Hexanone-d5	8.30	63	101729	103.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.12%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	180939	54.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.26%			
64) 1,2-Dichlorobenzene-d4	11.85	152	125310	60.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.58%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1299	0.709	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1041	0.581	ug/L #	1
25) Chloroform	4.65	83	10972	2.899	ug/L	91
34) Trichloroethene	6.16	95	88834	41.827	ug/L	97
37) 1,2-Dichloropropane	6.31	63	13182	5.985	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3173	0.940	ug/L #	48
44) trans-1,3-Dichloropropene	7.83	75	2491	0.818	ug/L	95
59) 1,2,3-Trichloropropane	11.47	75	13997	4.882	ug/L	89

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

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Quantitation Report (Not Reviewed)

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Operator : JC/SP
Sample : K3976-02DL 100X
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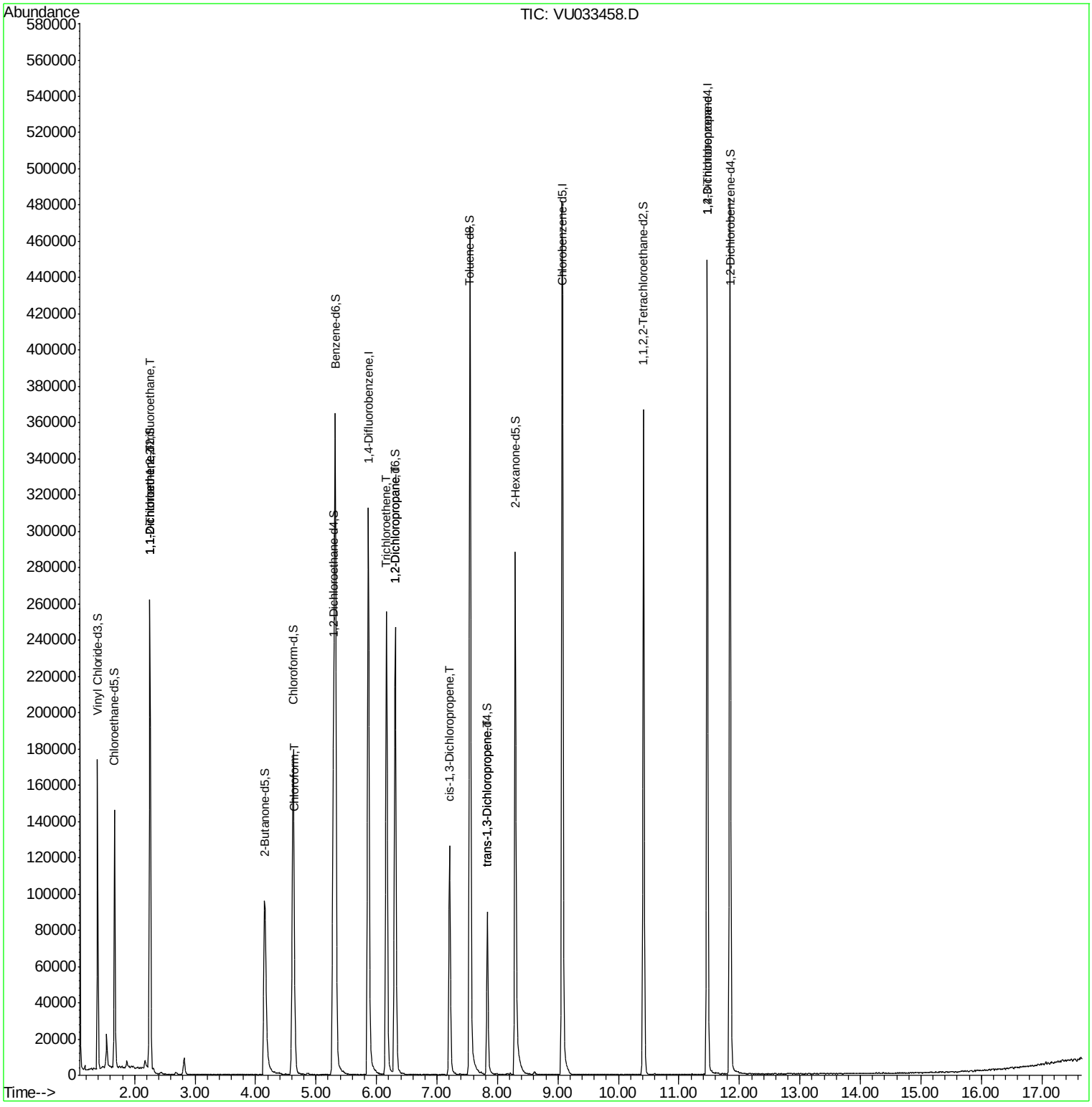
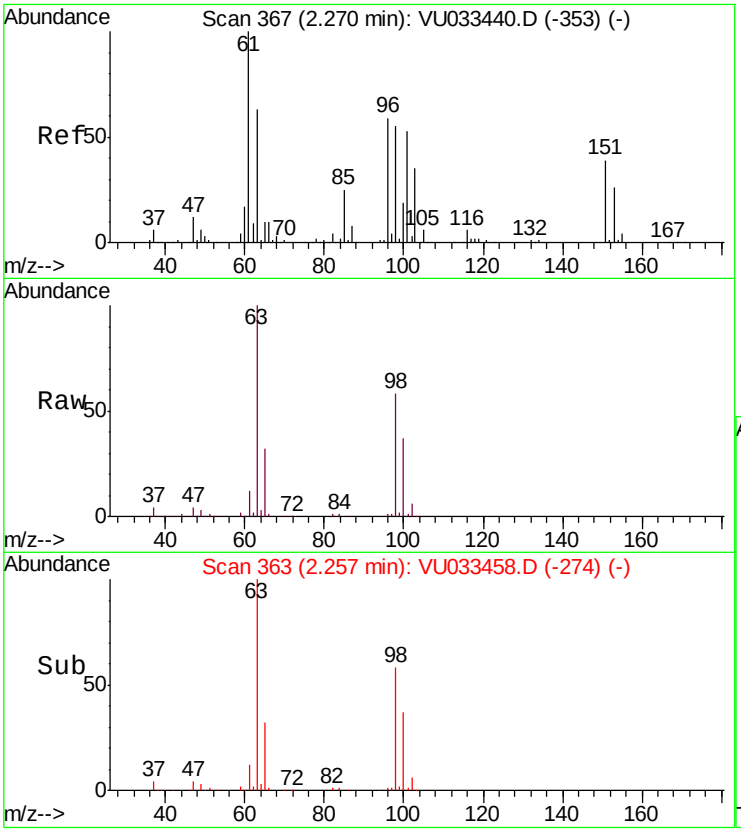
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CB3DL

Quant Time: Jul 27 02:03:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration



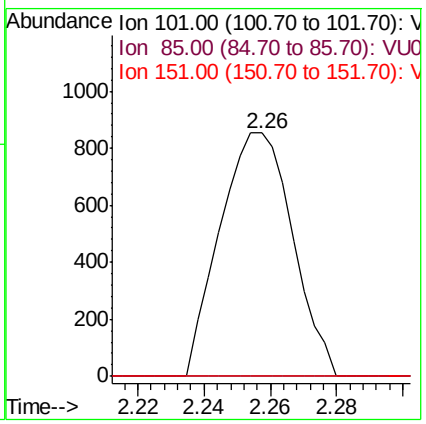


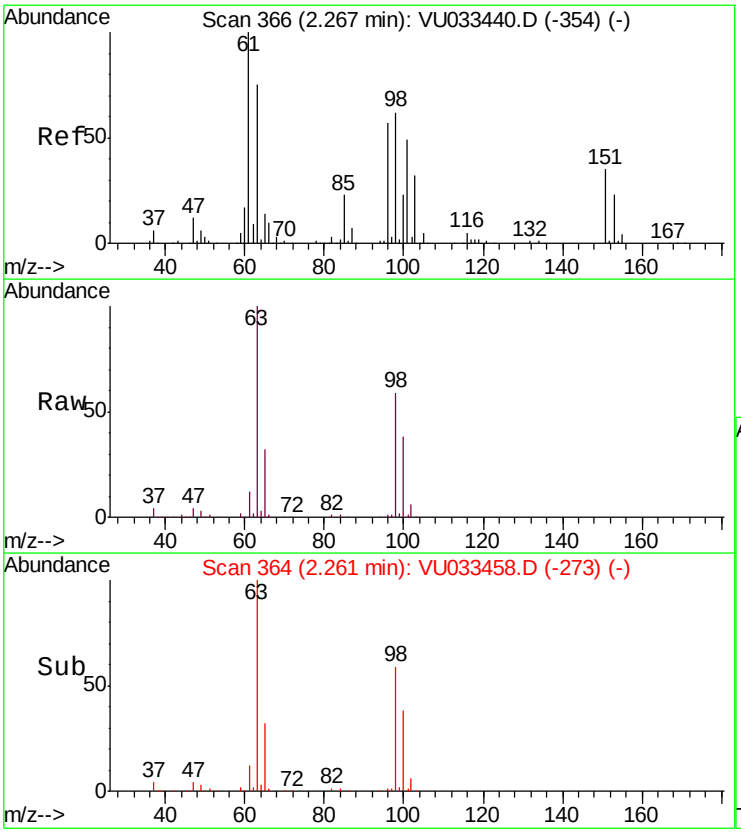
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.709 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033458.D
Acq: 26 Jul 2019 17:05

Instrument : MSVOA_U
ClientSampleId : C0CB3DL

Tgt Ion:101 Resp: 1299

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

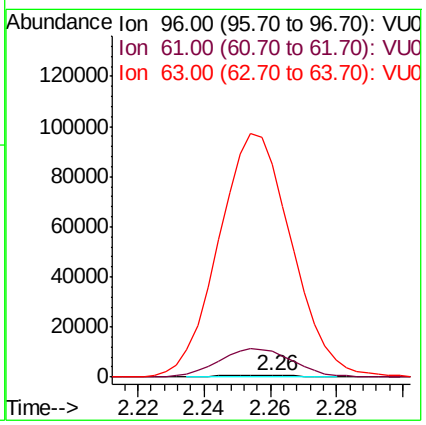


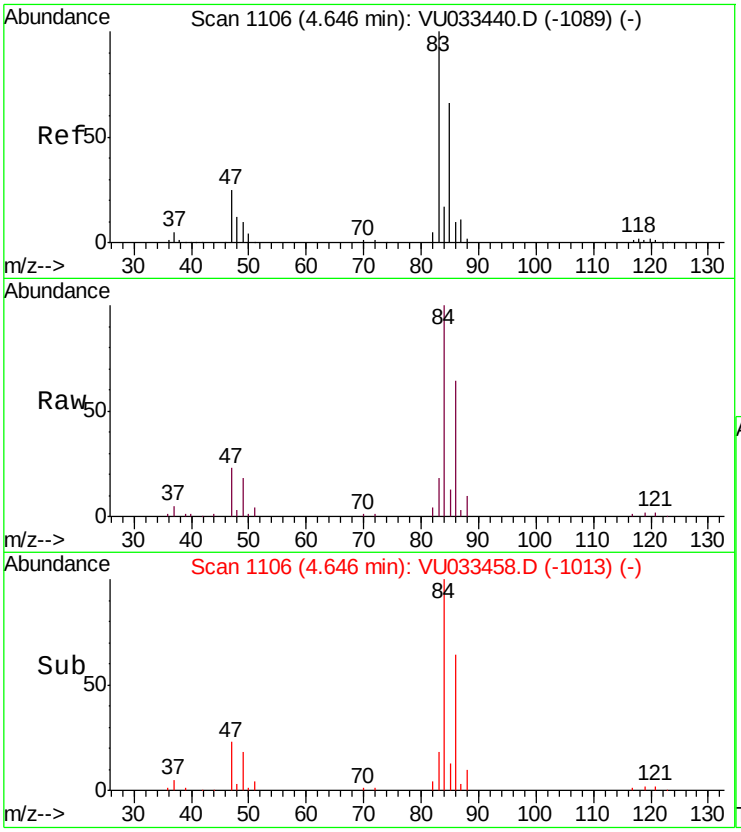


#12
1,1-Dichloroethene
Concen: 0.581 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033458.D
Acq: 26 Jul 2019 17:05

Tgt Ion: 96 Resp: 1041

Ion	Ratio	Lower	Upper
96	100		
61	1853.2	126.1	234.1#
63	15404.7	96.8	179.8#



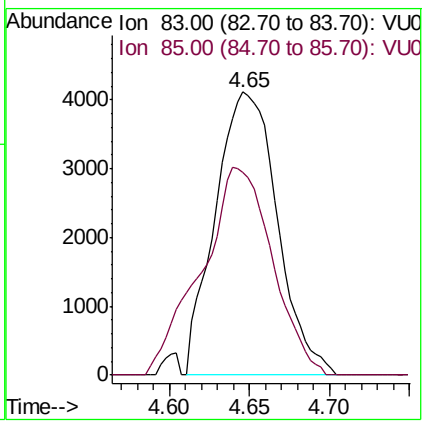


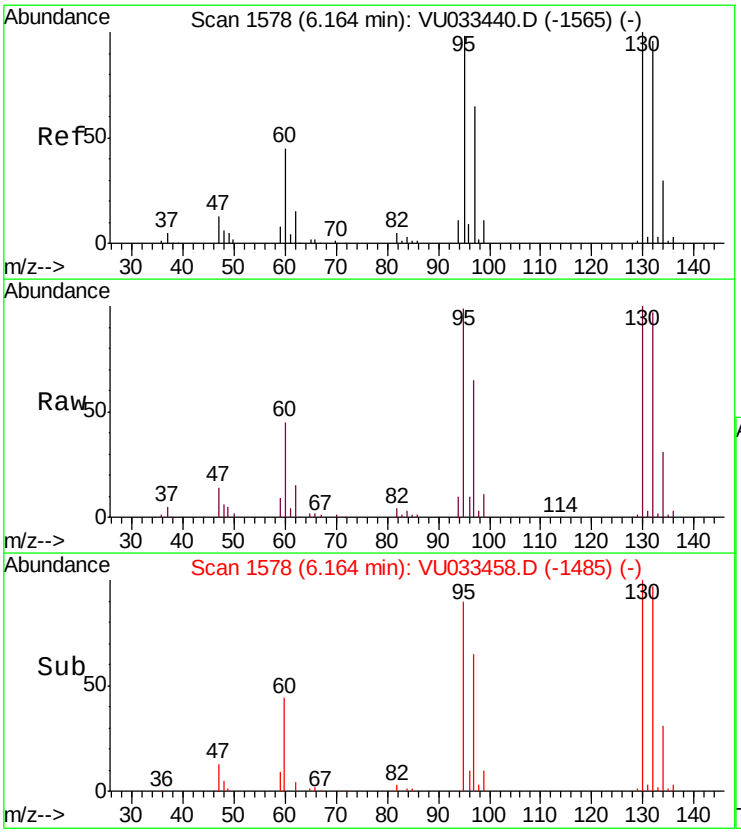
#25
Chloroform
Concen: 2.899 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033458.D
Acq: 26 Jul 2019 17:05

Instrument :
MSVOA_U
ClientSampleId :
C0CB3DL

Tgt Ion: 83 Resp: 10972

Ion	Ratio	Lower	Upper
83	100		
85	71.7	45.4	84.4

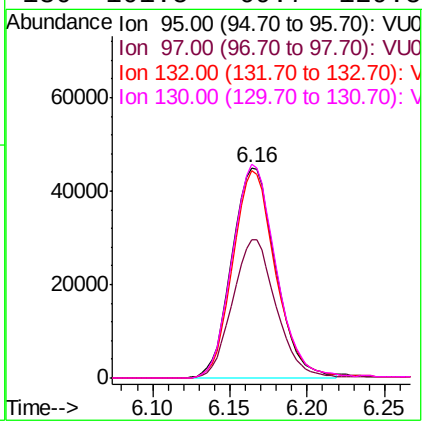


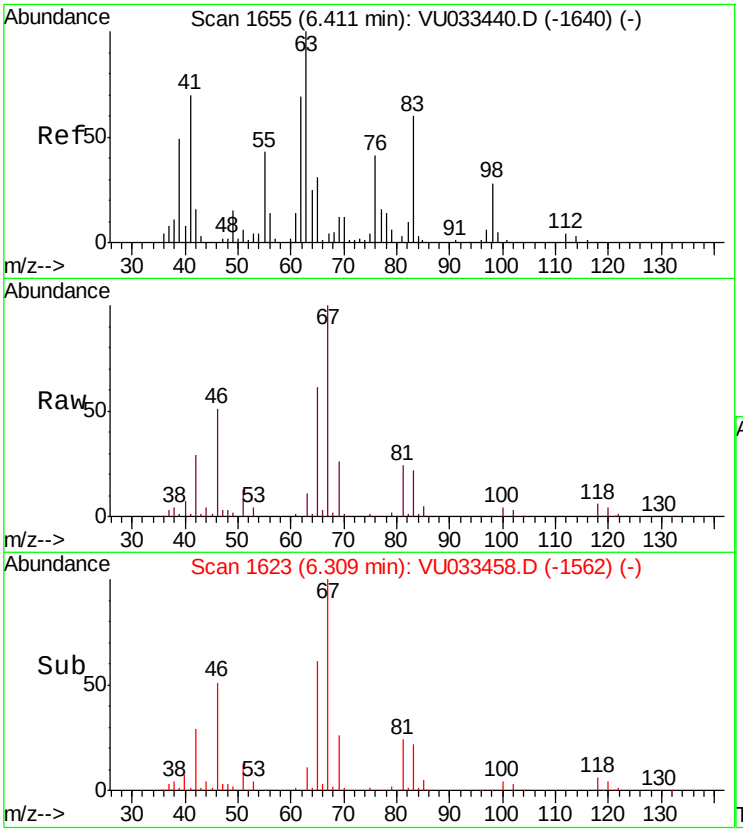


#34
Trichloroethene
Concen: 41.827 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033458.D
Acq: 26 Jul 2019 17:05

Tgt Ion: 95 Resp: 88834

Ion	Ratio	Lower	Upper
95	100		
97	65.5	43.8	81.4
132	98.3	65.5	121.6
130	101.5	69.7	129.5



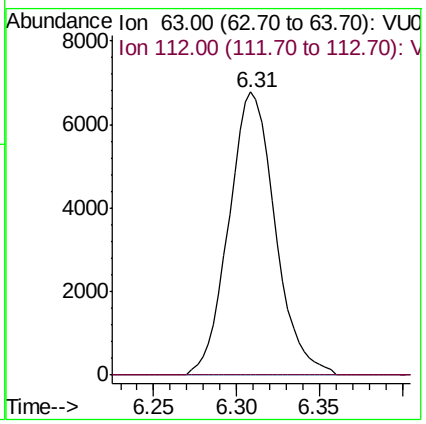


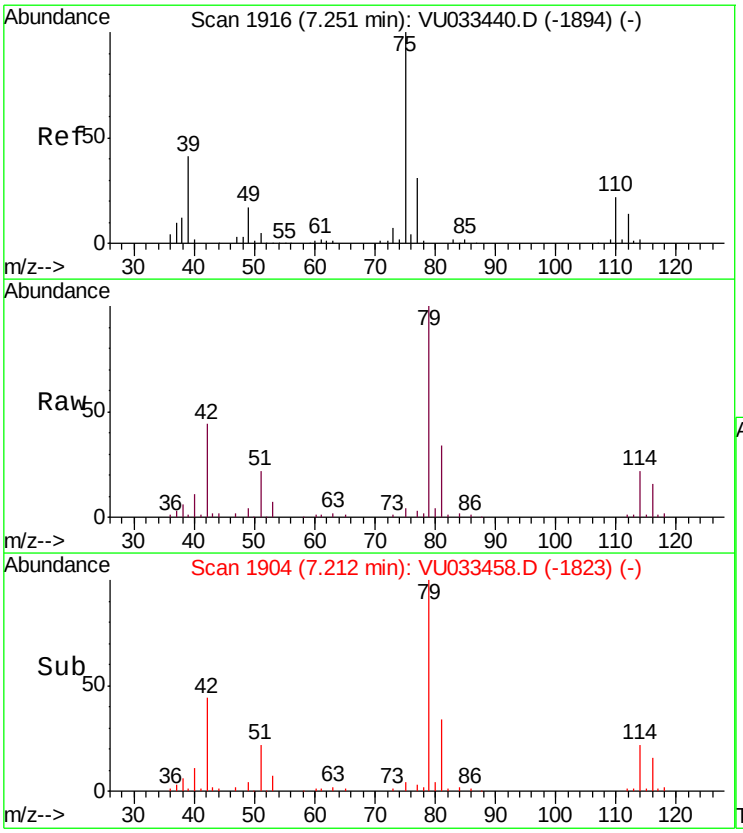
#37
1,2-Dichloropropane
Concen: 5.985 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033458.D
Acq: 26 Jul 2019 17:05

Instrument : MSVOA_U
ClientSampleId : C0CB3DL

Tgt Ion: 63 Resp: 13182

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

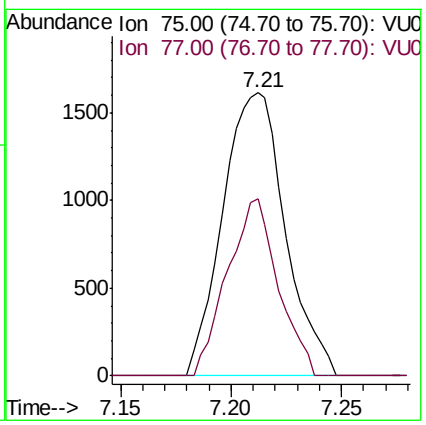


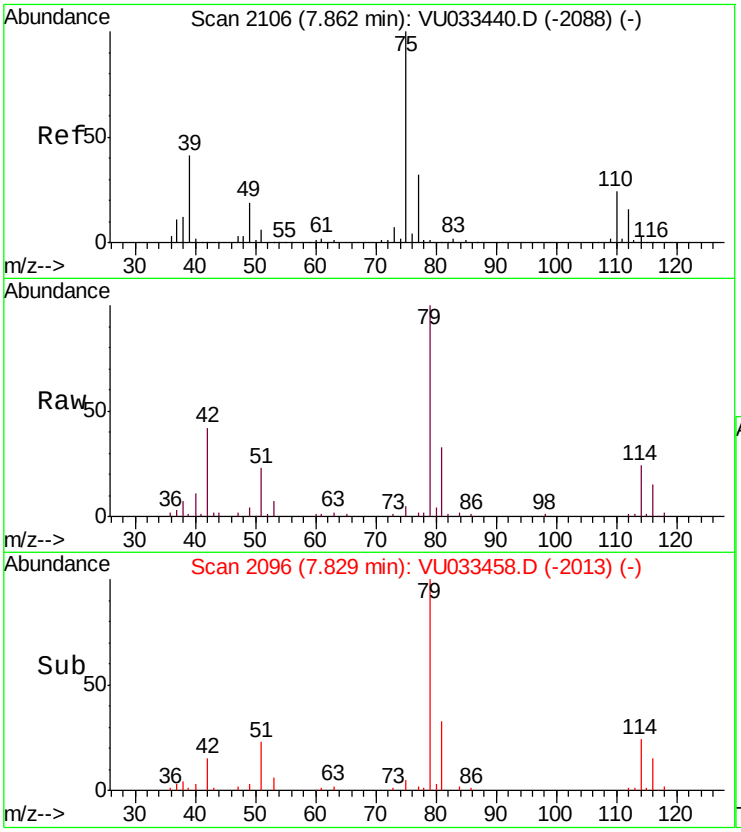


#39
cis-1,3-Dichloropropene
Concen: 0.940 ug/L
RT: 7.21 min Scan# 1904
Delta R.T. -0.04 min
Lab File: VU033458.D
Acq: 26 Jul 2019 17:05

Tgt Ion: 75 Resp: 3173

Ion	Ratio	Lower	Upper
75	100		
77	62.4	23.1	42.9#



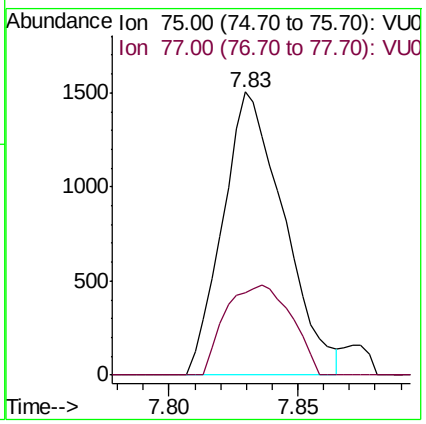


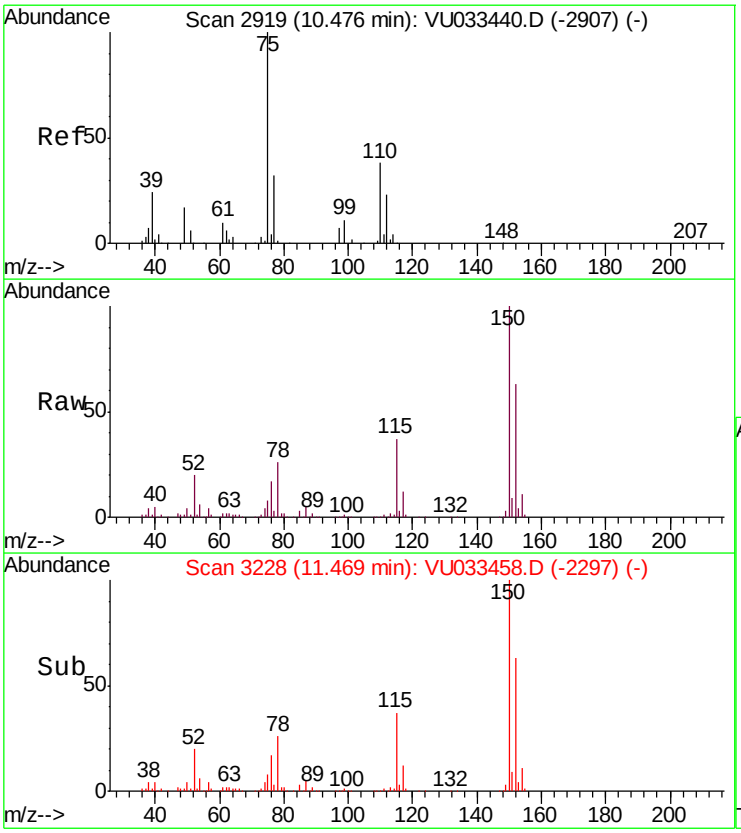
#44
trans-1,3-Dichloropropene
Concen: 0.818 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033458.D
Acq: 26 Jul 2019 17:05

Instrument :
MSVOA_U
ClientSampleId :
C0CB3DL

Tgt Ion: 75 Resp: 2491

Ion	Ratio	Lower	Upper
75	100		
77	29.1	22.4	41.6





#59
1,2,3-Trichloropropane
Concen: 4.882 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033458.D
Acq: 26 Jul 2019 17:05

Tgt Ion: 75 Resp: 13997

Ion	Ratio	Lower	Upper
75	100		
77	38.6	26.0	39.0