Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\

Quantitation Report (Not Reviewed)

Data File : VU033643.D
Acq On : 08 Aug 2019 17:24
Operator : JC/SP
Sample : K4202-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B01

Quant Time: Aug 09 07:43:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	285261	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	290272	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	132966	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	151401	47.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.02%			
7) Chloroethane-d5	1.67	69	121113	44.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.86%			
11) 1,1-Dichloroethene-d2	2.26	63	187840	36.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.16%			
21) 2-Butanone-d5	4.15	46	196934	83.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.50%			
24) Chloroform-d	4.62	84	199157	37.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 74.64%			
26) 1,2-Dichloroethane-d4	5.29	65	150399	43.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.40%			
32) Benzene-d6	5.32	84	478638	44.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.44%			
36) 1,2-Dichloropropane-d6	6.31	67	151031	43.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.76%			
41) Toluene-d8	7.55	98	426689	42.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.28%			
43) trans-1,3-Dichloropropene-	7.83	79	70383	41.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.56%			
47) 2-Hexanone-d5	8.29	63	146029	84.75	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.75%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	223249	41.46	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.92%			
64) 1,2-Dichlorobenzene-d4	11.85	152	166143	45.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.48%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	354312	114.433	ug/L	98
8) Chloroethane	1.69	64	20753	10.746	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1759	0.832	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1555	0.771	ug/L #	1
17) trans-1,2-Dichloroethene	2.97	96	14274	6.789	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	402216	169.880	ug/L	98
25) Chloroform	4.65	83	31701	7.378	ug/L	94
48) 2-Hexanone	8.30	43	16724	5.646	ug/L #	69
59) 1,2,3-Trichloropropane	11.47	75	15758	4.660	ug/L	91

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\

Quantitation Report (Not Reviewed)

Data File : VU033643.D
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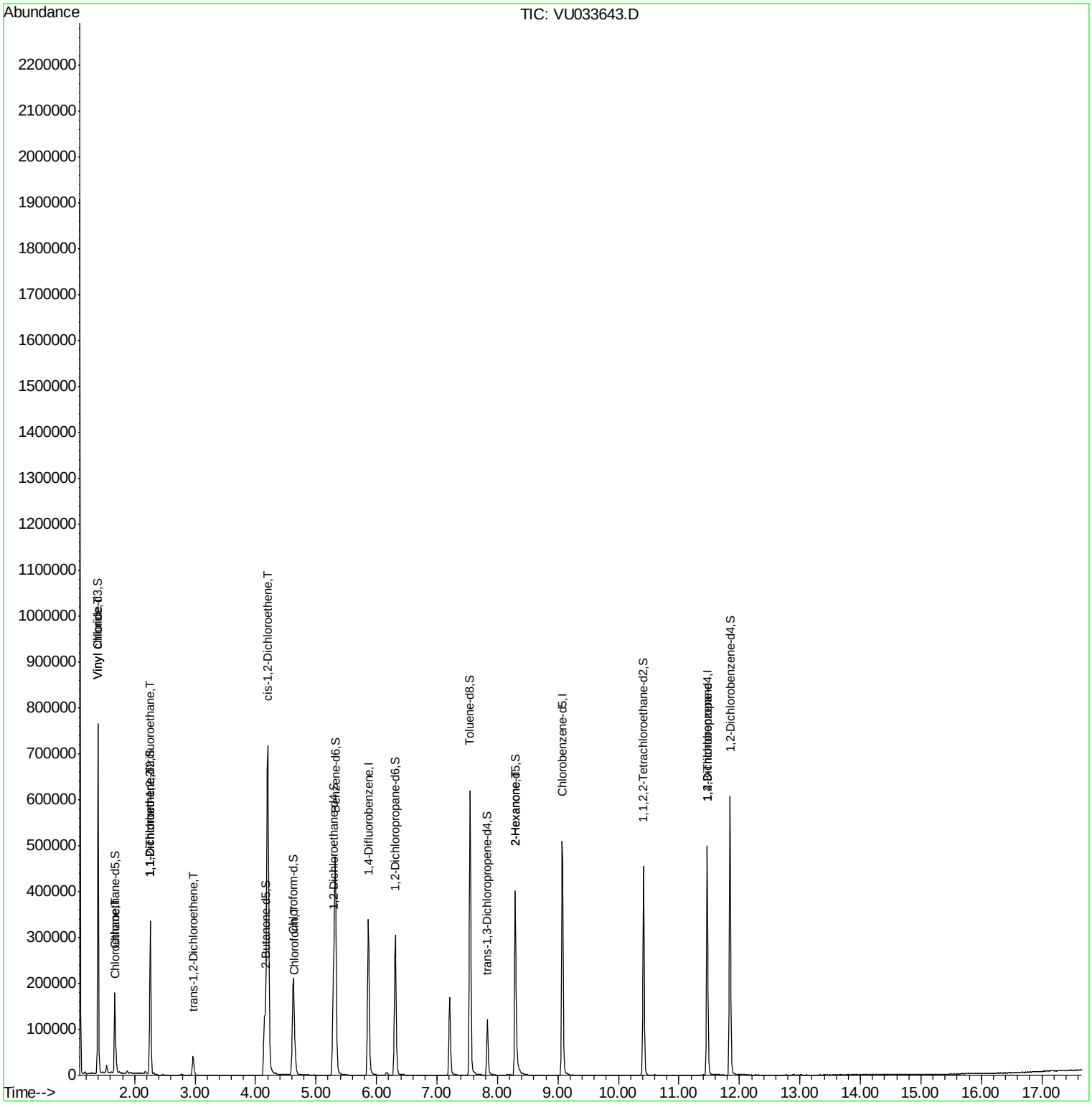
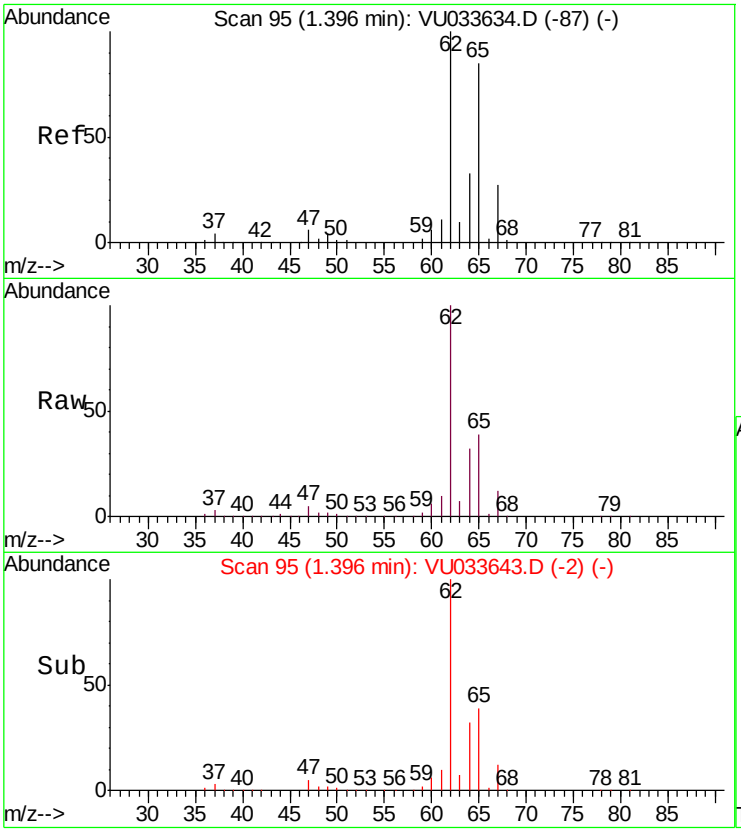
Operator : JC/SP
Sample : K4202-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B01

Quant Time: Aug 09 07:43:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration



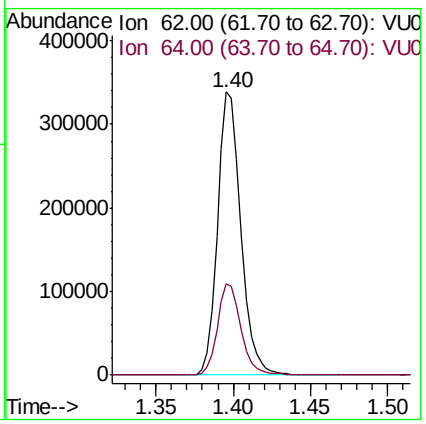


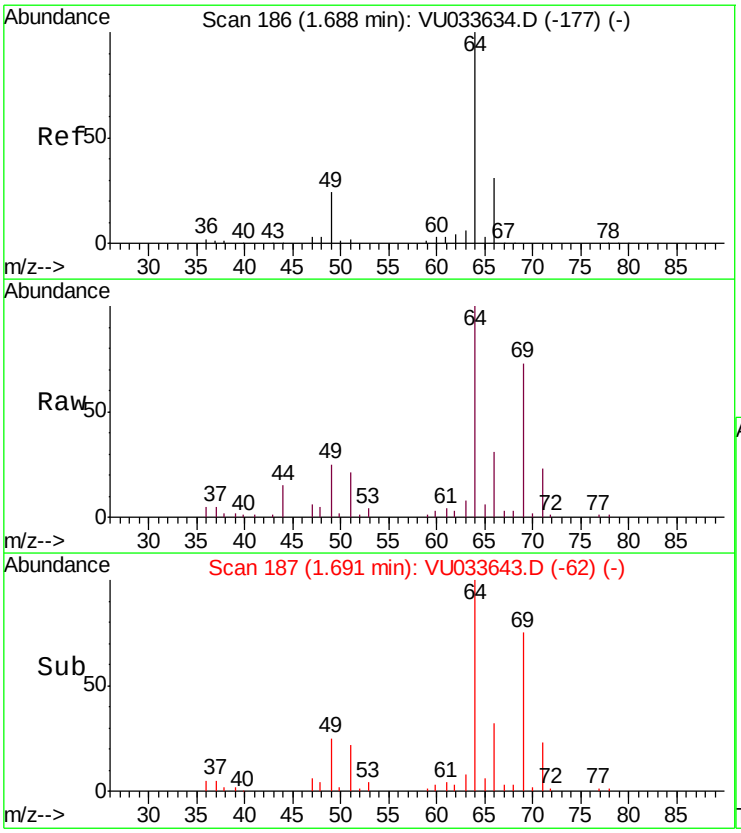
#5
Vinyl chloride
Concen: 114.433 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU033643.D
Acq: 08 Aug 2019 17:24

Instrument :
MSVOA_U
ClientSampleId :
F2B01

Tgt Ion: 62 Resp: 354312

Ion	Ratio	Lower	Upper
62	100		
64	32.4	23.6	43.8

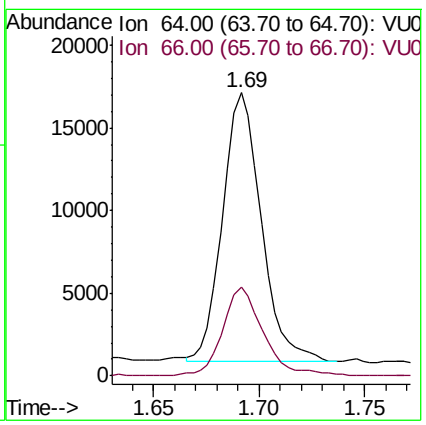


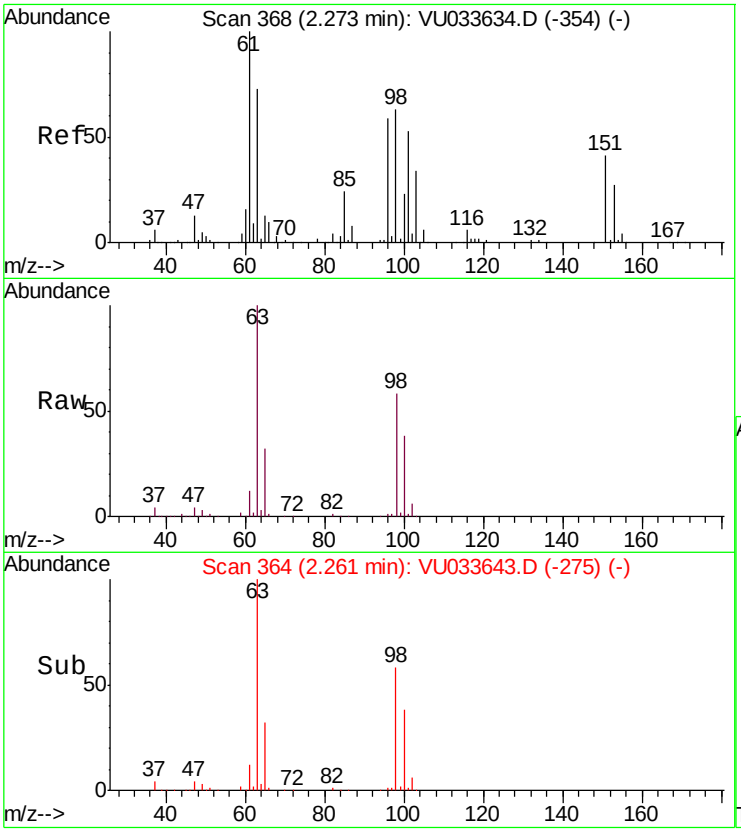


#8
Chloroethane
Concen: 10.746 ug/L
RT: 1.69 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU033643.D
Acq: 08 Aug 2019 17:24

Tgt Ion: 64 Resp: 20753

Ion	Ratio	Lower	Upper
64	100		
66	31.5	23.0	42.8



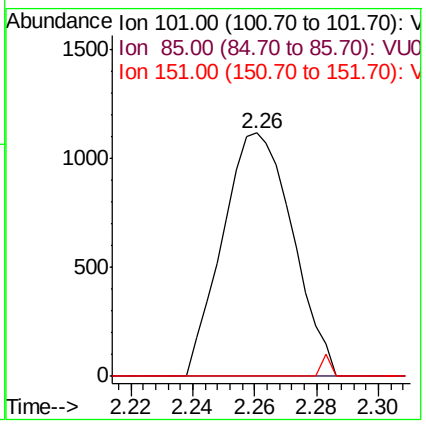


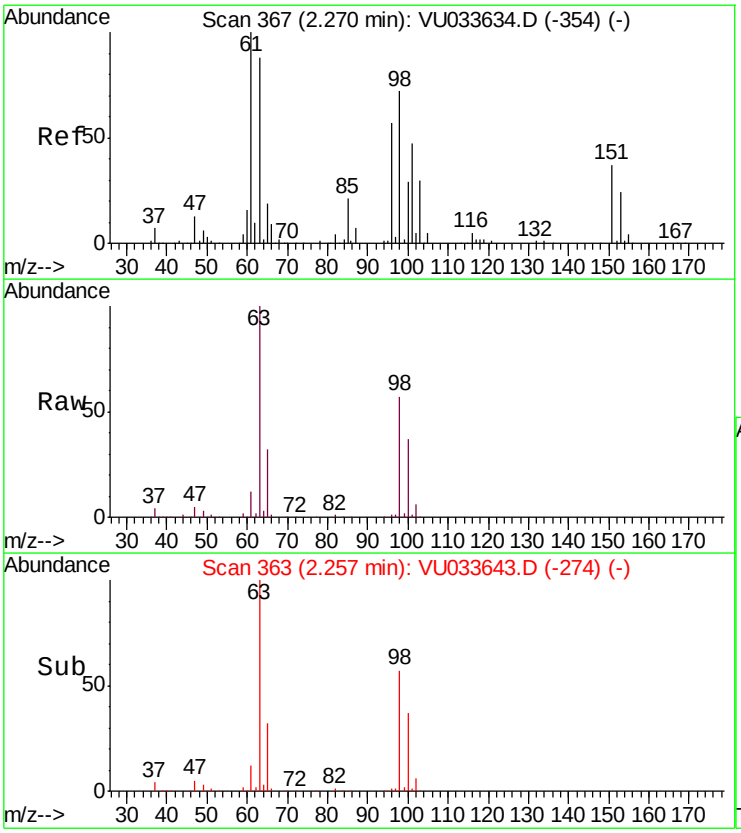
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.832 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033643.D
Acq: 08 Aug 2019 17:24

Instrument : MSVOA_U
ClientSampleId : F2B01

Tgt Ion:101 Resp: 1759

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	60.4	90.6#

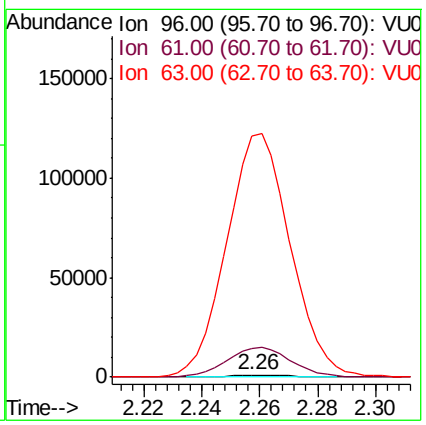


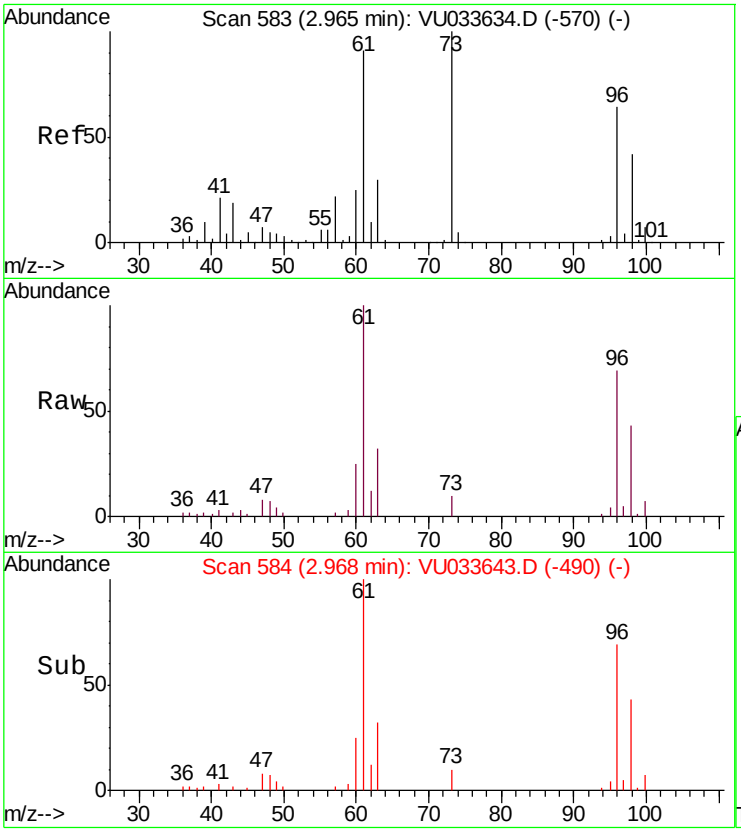


#12
1,1-Dichloroethene
Concen: 0.771 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033643.D
Acq: 08 Aug 2019 17:24

Tgt Ion: 96 Resp: 1555

Ion	Ratio	Lower	Upper
96	100		
61	1447.4	124.0	230.2#
63	11993.7	114.9	213.5#



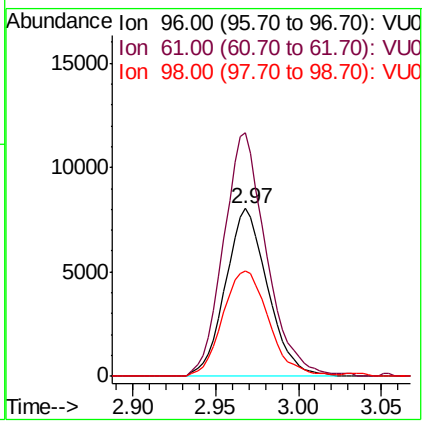


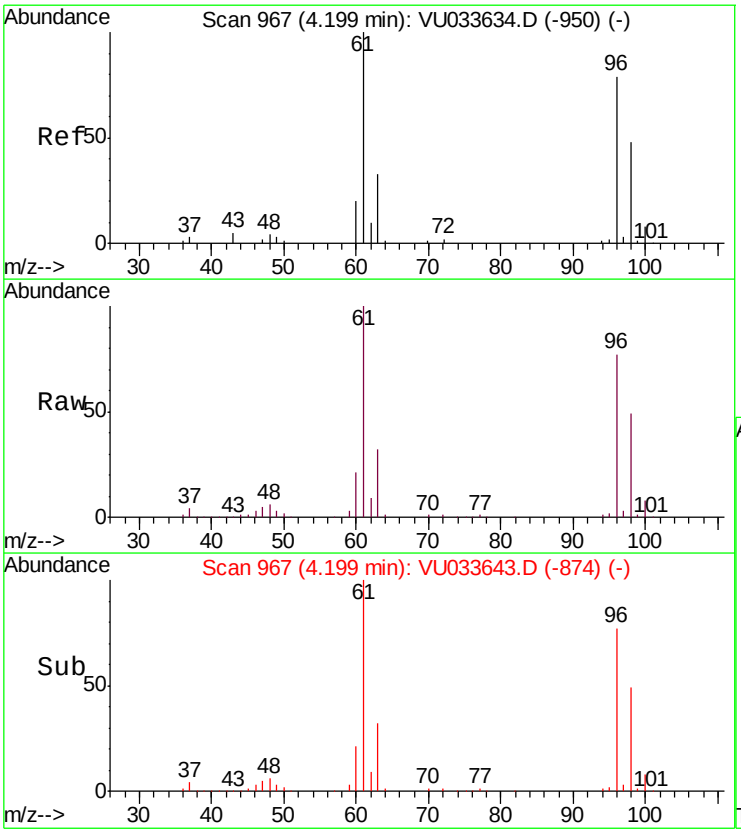
#17
trans-1,2-Dichloroethene
Concen: 6.789 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.00 min
Lab File: VU033643.D
Acq: 08 Aug 2019 17:24

Instrument :
MSVOA_U
ClientSampleId :
F2B01

Tgt Ion: 96 Resp: 14274

Ion	Ratio	Lower	Upper
96	100		
61	145.4	98.7	183.3
98	62.8	44.6	82.8

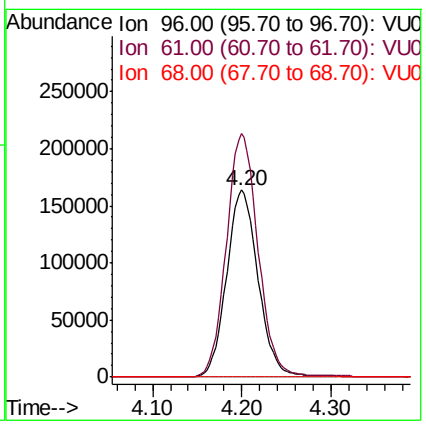


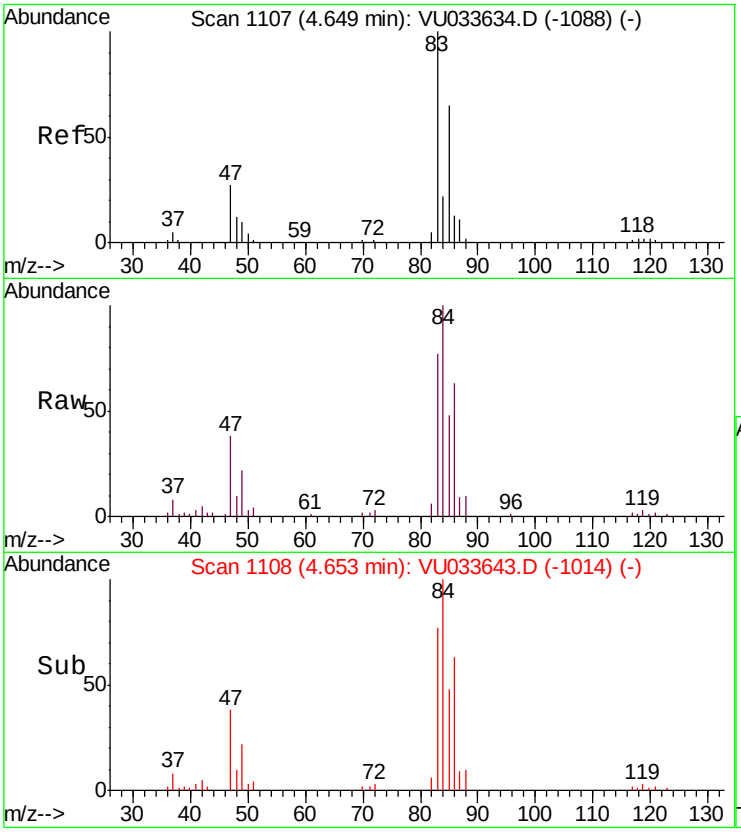


#20
cis-1,2-Dichloroethene
Concen: 169.880 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033643.D
Acq: 08 Aug 2019 17:24

Tgt Ion: 96 Resp: 402216

Ion	Ratio	Lower	Upper
96	100		
61	130.4	93.0	172.8
68	0.0	0.0	0.0



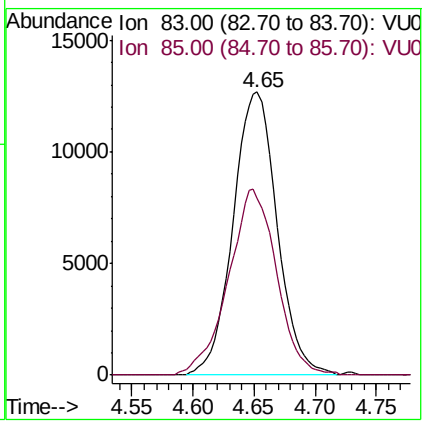


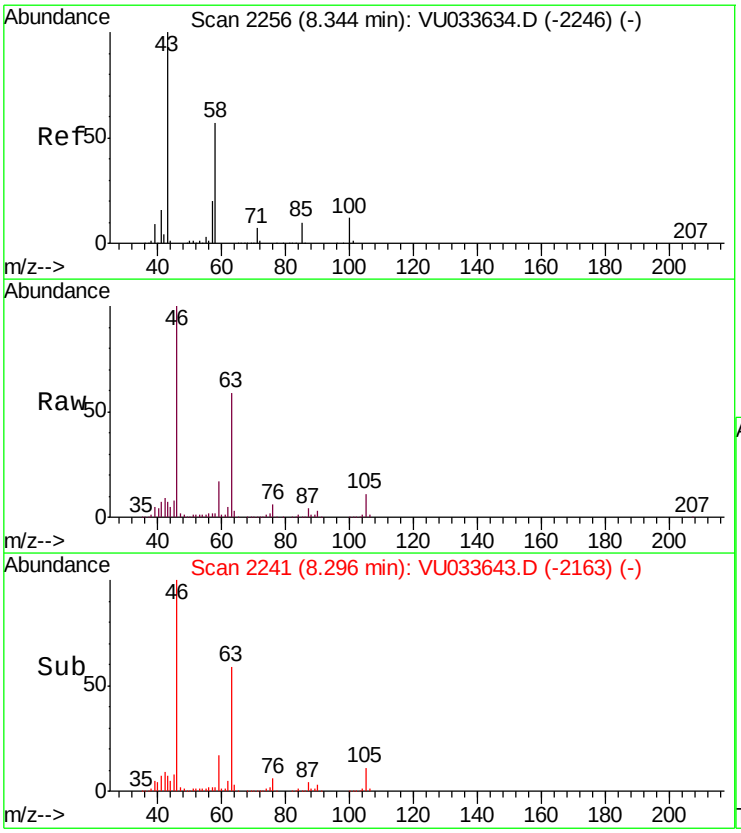
#25
Chloroform
Concen: 7.378 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU033643.D
Acq: 08 Aug 2019 17:24

Instrument : MSVOA_U
ClientSampleId : F2B01

Tgt Ion: 83 Resp: 31701

Ion	Ratio	Lower	Upper
83	100		
85	62.8	47.2	87.6

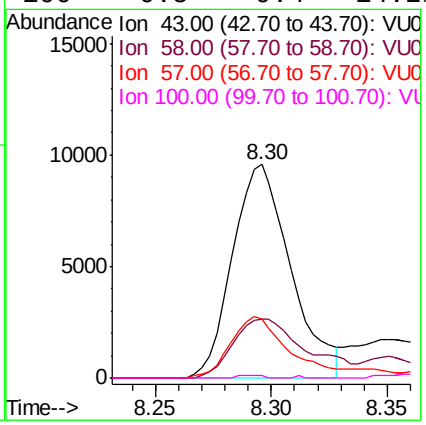


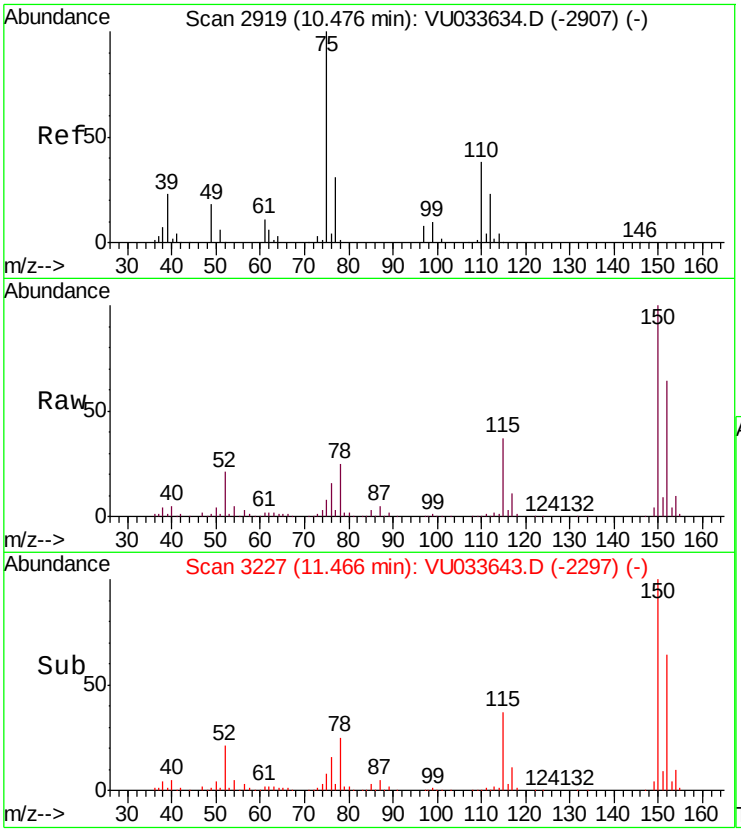


#48
2-Hexanone
Concen: 5.646 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033643.D
Acq: 08 Aug 2019 17:24

Tgt Ion: 43 Resp: 16724

Ion	Ratio	Lower	Upper
43	100		
58	30.6	44.8	67.2#
57	28.6	15.5	23.3#
100	0.5	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 4.660 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033643.D
Acq: 08 Aug 2019 17:24

Instrument :
MSVOA_U
ClientSampleId :
F2B01

Tgt Ion: 75 Resp: 15758

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.5	38.3