Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081219\
Data File : VU033765.D
Acq On : 12 Aug 2019 12:19
Operator : JC/SP
Sample : K4202-13DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 12 16:29:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 16:26:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	339963	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	326927	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	136257	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	146629	58.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 117.18%			
7) Chloroethane-d5	1.67	69	145847	58.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.30%			
11) 1,1-Dichloroethene-d2	2.26	63	196841	46.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.56%			
21) 2-Butanone-d5	4.15	46	214543	138.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 138.29%#			
24) Chloroform-d	4.62	84	254203	68.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 136.74%#			
26) 1,2-Dichloroethane-d4	5.29	65	166069	71.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 142.86%#			
32) Benzene-d6	5.32	84	493469	63.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.92%#			
36) 1,2-Dichloropropane-d6	6.31	67	167045	70.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 141.10%#			
41) Toluene-d8	7.55	98	410133	56.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.04%			
43) trans-1,3-Dichloropropene-	7.83	79	71822	60.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 120.14%			
47) 2-Hexanone-d5	8.30	63	145163	118.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.36%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	238972	68.23	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 136.46%#			
64) 1,2-Dichlorobenzene-d4	11.84	152	155922	67.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 135.98%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1912	0.939	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1810	0.905	ug/L #	1
20) cis-1,2-Dichloroethene	4.20	96	63467	25.970	ug/L	99
34) Trichloroethene	6.17	95	21524	8.966	ug/L	96
39) cis-1,3-Dichloropropene	7.21	75	4187	1.085	ug/L #	70
48) 2-Hexanone	8.30	43	17472	6.145	ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	16134	4.915	ug/L	95

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

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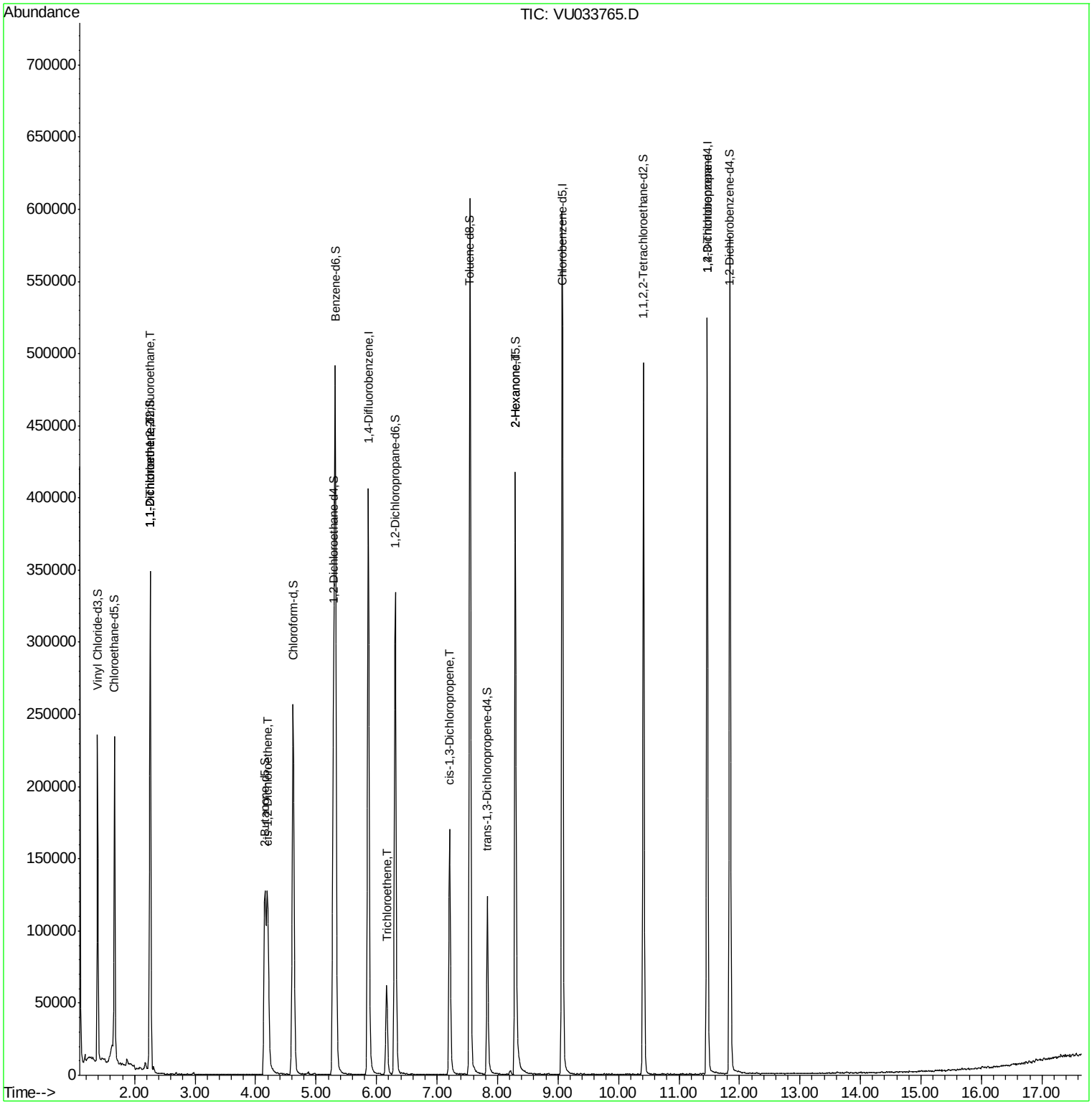
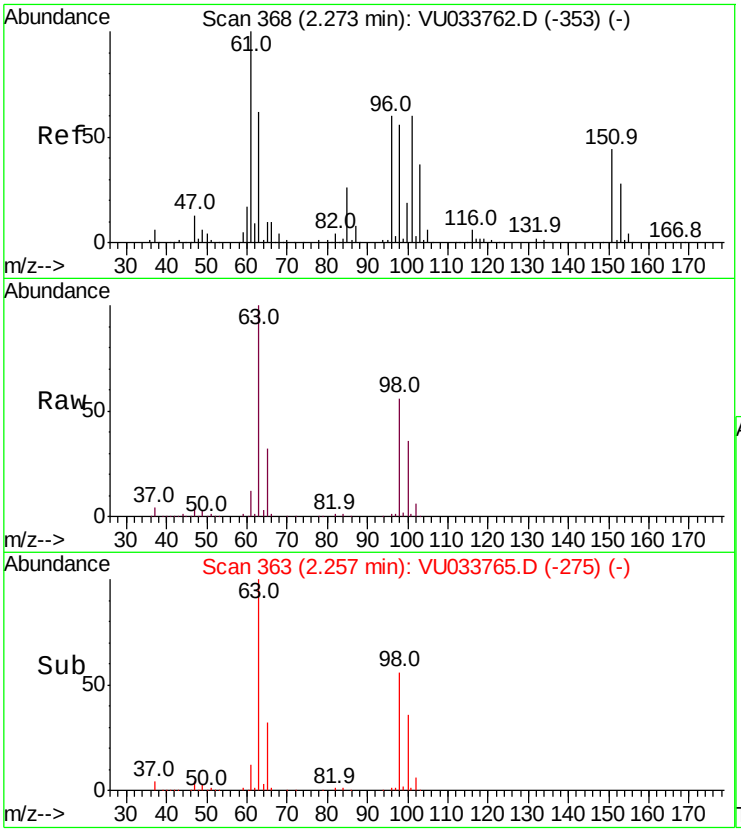
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 12 16:29:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 16:26:52 2019
Response via : Initial Calibration



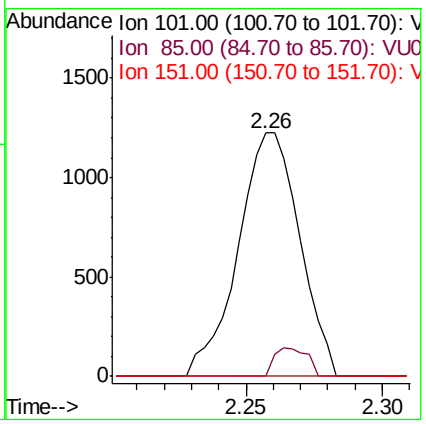


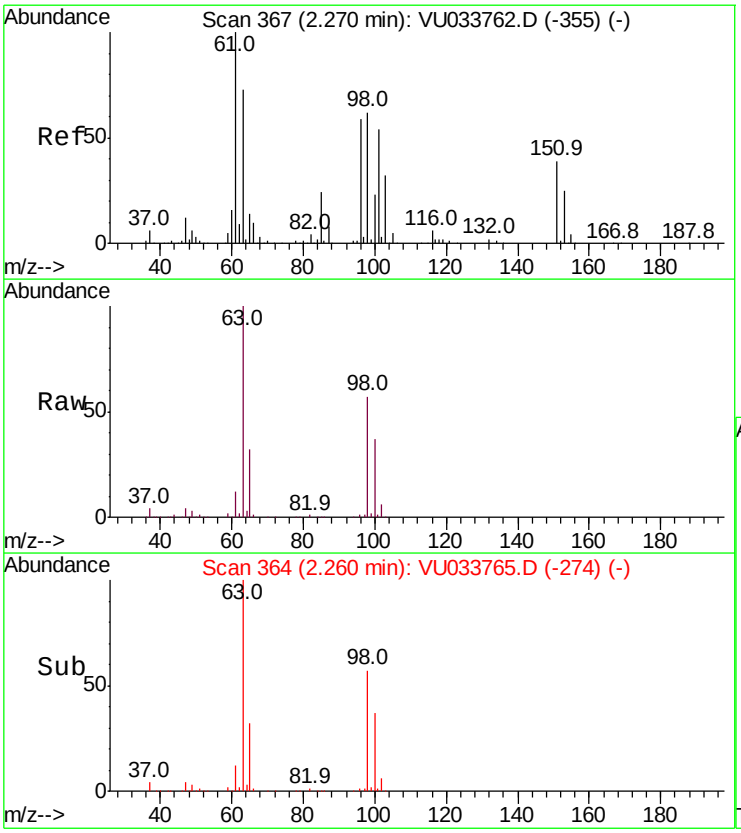
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.939 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.02 min
Lab File: VU033765.D
Acq: 12 Aug 2019 12:19

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 1912

Ion	Ratio	Lower	Upper
101	100		
85	6.2	34.5	51.7#
151	0.0	63.0	94.4#

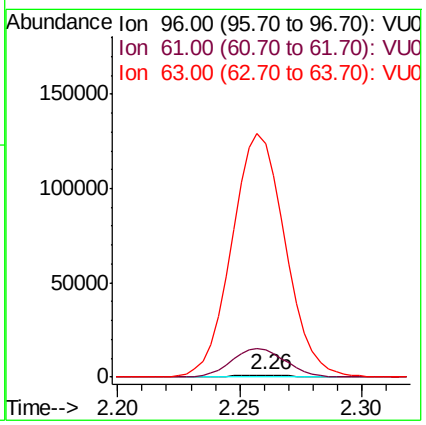


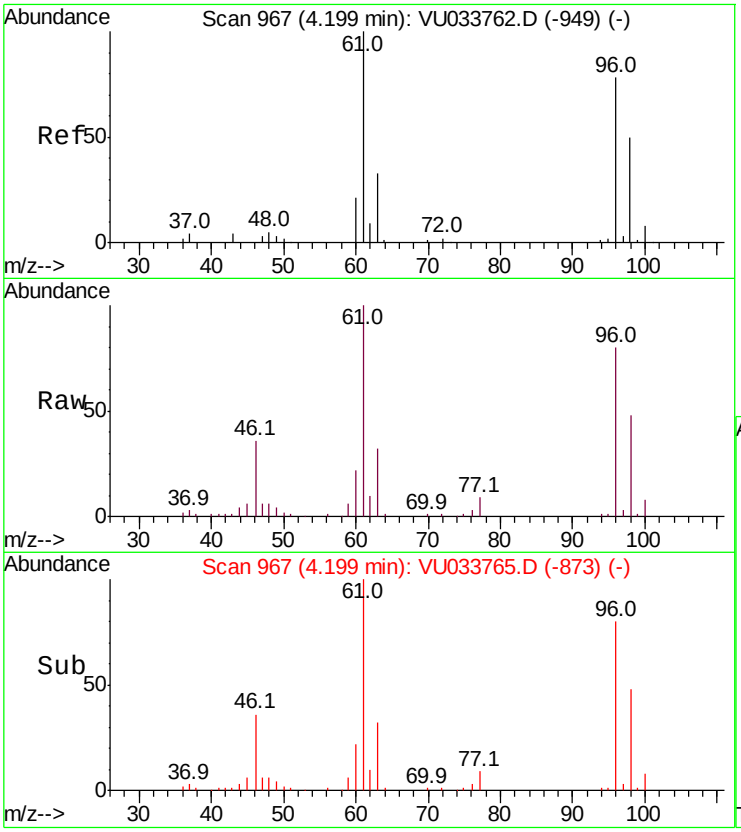


#12
1,1-Dichloroethene
Concen: 0.905 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033765.D
Acq: 12 Aug 2019 12:19

Tgt Ion: 96 Resp: 1810

Ion	Ratio	Lower	Upper
96	100		
61	1265.5	118.2	219.6#
63	10914.5	90.7	168.5#



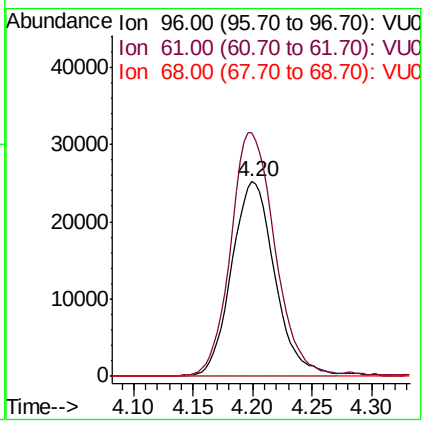


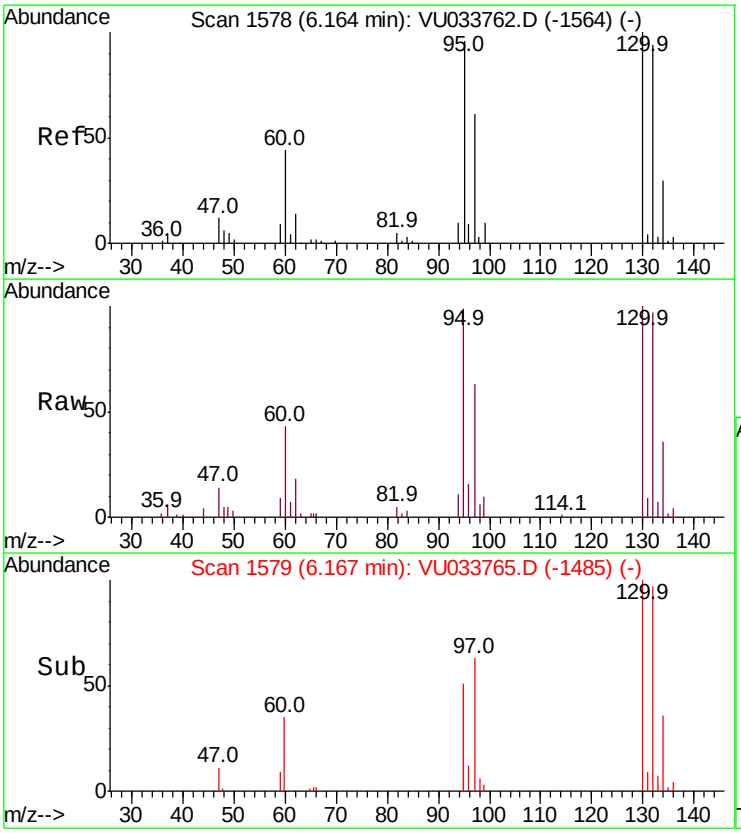
#20
cis-1,2-Dichloroethene
Concen: 25.970 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033765.D
Acq: 12 Aug 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 63467

Ion	Ratio	Lower	Upper
96	100		
61	125.1	87.0	161.6
68	0.0	0.0	0.0

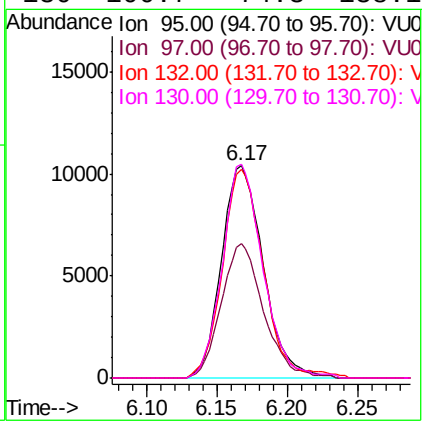


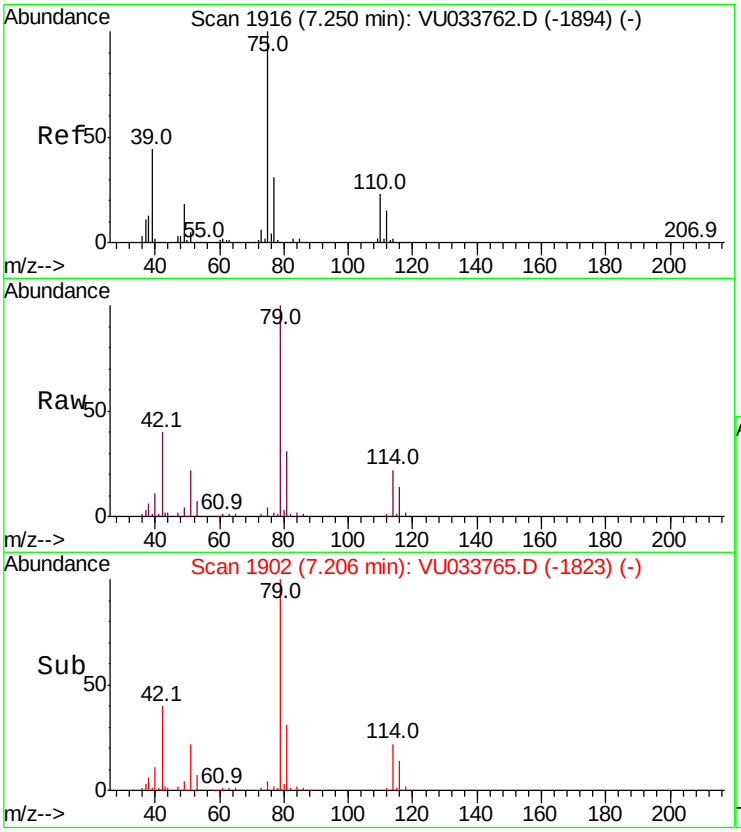


#34
Trichloroethene
Concen: 8.966 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033765.D
Acq: 12 Aug 2019 12:19

Tgt Ion: 95 Resp: 21524

Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.6	84.8
132	98.2	72.0	133.8
130	100.7	74.3	138.1



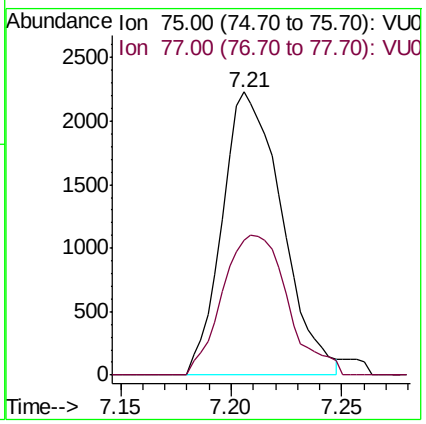


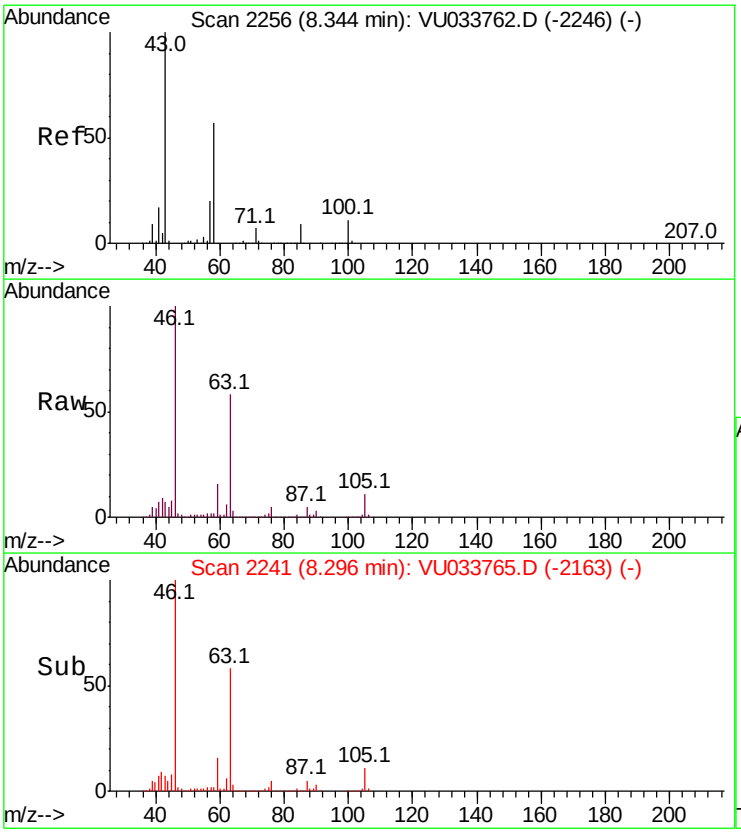
#39
cis-1,3-Dichloropropene
Concen: 1.085 ug/L
RT: 7.21 min Scan# 1902
Delta R.T. -0.05 min
Lab File: VU033765.D
Acq: 12 Aug 2019 12:19

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4187

Ion	Ratio	Lower	Upper
75	100		
77	47.7	21.7	40.3#

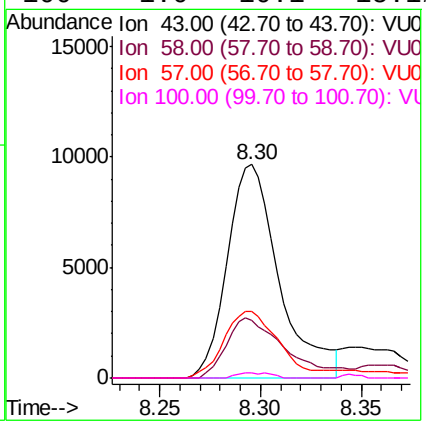


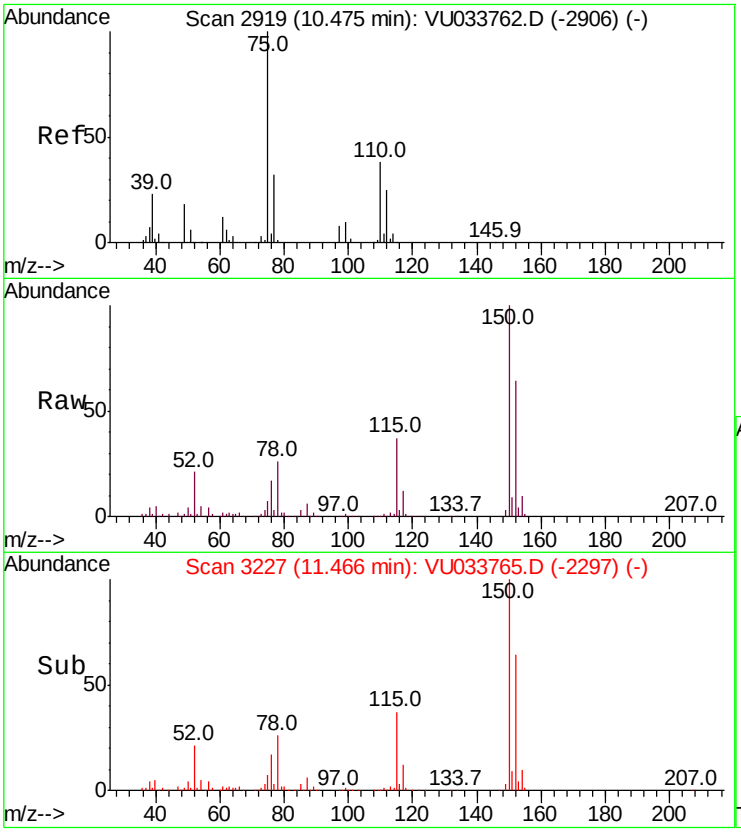


#48
2-Hexanone
Concen: 6.145 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033765.D
Acq: 12 Aug 2019 12:19

Tgt Ion: 43 Resp: 17472

Ion	Ratio	Lower	Upper
43	100		
58	30.6	46.6	70.0#
57	32.4	16.2	24.4#
100	1.0	10.1	15.1#





#59
1,2,3-Trichloropropane
Concen: 4.915 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033765.D
Acq: 12 Aug 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 16134

Ion	Ratio	Lower	Upper
75	100		
77	35.8	26.4	39.6