Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082219\

Quantitation Report (Not Reviewed)

Data File : VU033911.D
Acq On : 22 Aug 2019 19:55
Operator : JC/SP
Sample : K4454-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B91

Quant Time: Aug 23 03:05:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 02:53:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	591095	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	584992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	251636	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	179566	34.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.28%			
7) Chloroethane-d5	1.67	69	163098	39.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.34%			
11) 1,1-Dichloroethene-d2	2.25	63	272908	29.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.38%#			
21) 2-Butanone-d5	4.15	46	358618	102.81	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.81%			
24) Chloroform-d	4.62	84	372946	44.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.40%			
26) 1,2-Dichloroethane-d4	5.28	65	249139	45.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.36%			
32) Benzene-d6	5.31	84	730807	43.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.96%			
36) 1,2-Dichloropropane-d6	6.31	67	252473	46.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.64%			
41) Toluene-d8	7.54	98	601413	40.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.10%			
43) trans-1,3-Dichloropropene-	7.85	79	1266	0.51	ug/L	0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 1.02%#			
47) 2-Hexanone-d5	8.29	63	215819	96.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.25%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	363941	47.40	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	240328	46.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	31726	5.137	ug/L #	6
13) Acetone	2.31	43	17769	5.577	ug/L	92
14) Carbon disulfide	2.46	76	11346	0.885	ug/L	98
17) trans-1,2-Dichloroethene	2.96	96	8876	2.073	ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	17833	3.784	ug/L	98
34) Trichloroethene	6.17	95	6555	1.428	ug/L	96
48) 2-Hexanone	8.29	43	26478	4.920	ug/L #	75
59) 1,2,3-Trichloropropane	11.47	75	31247	5.052	ug/L	93

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

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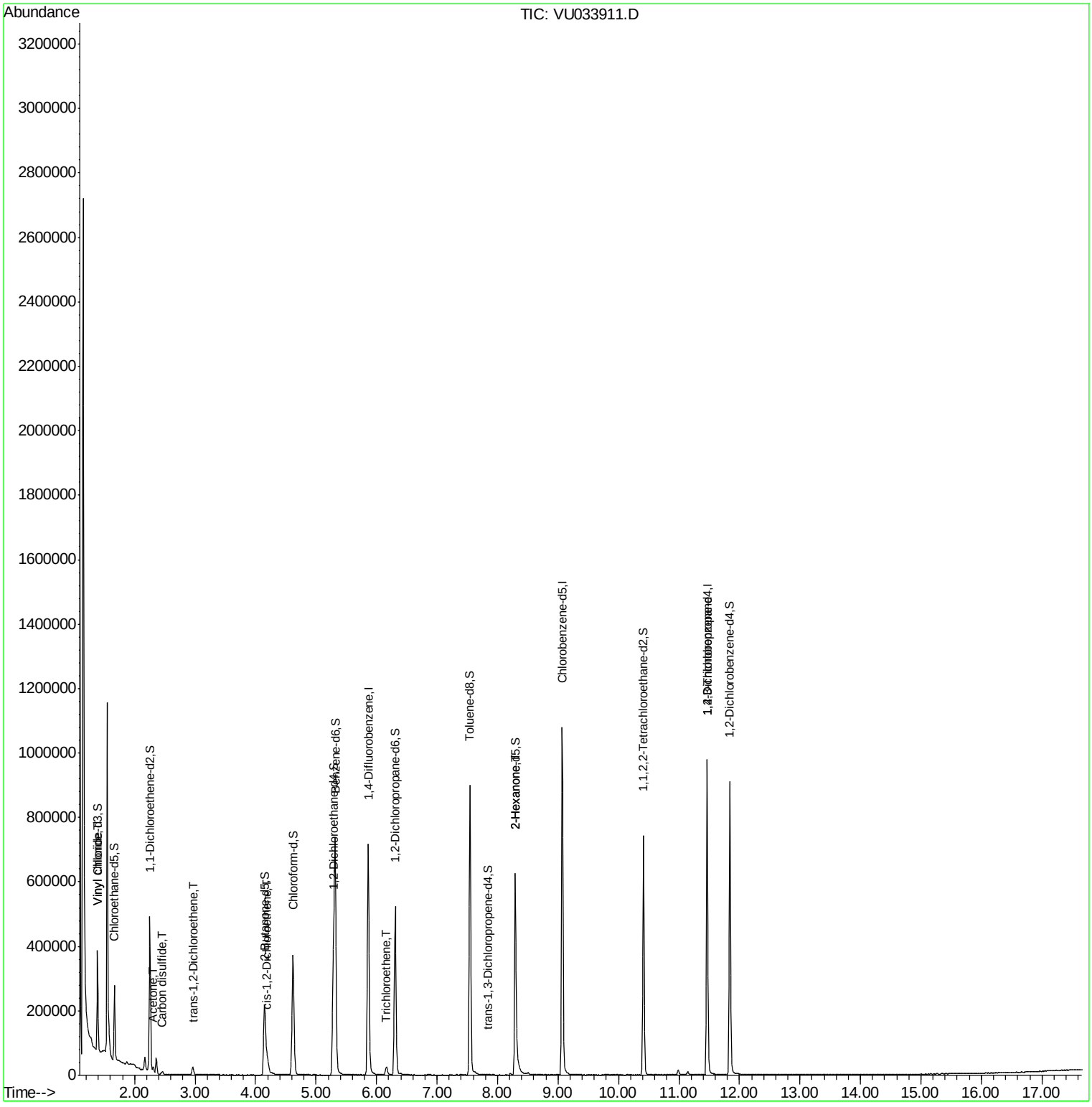
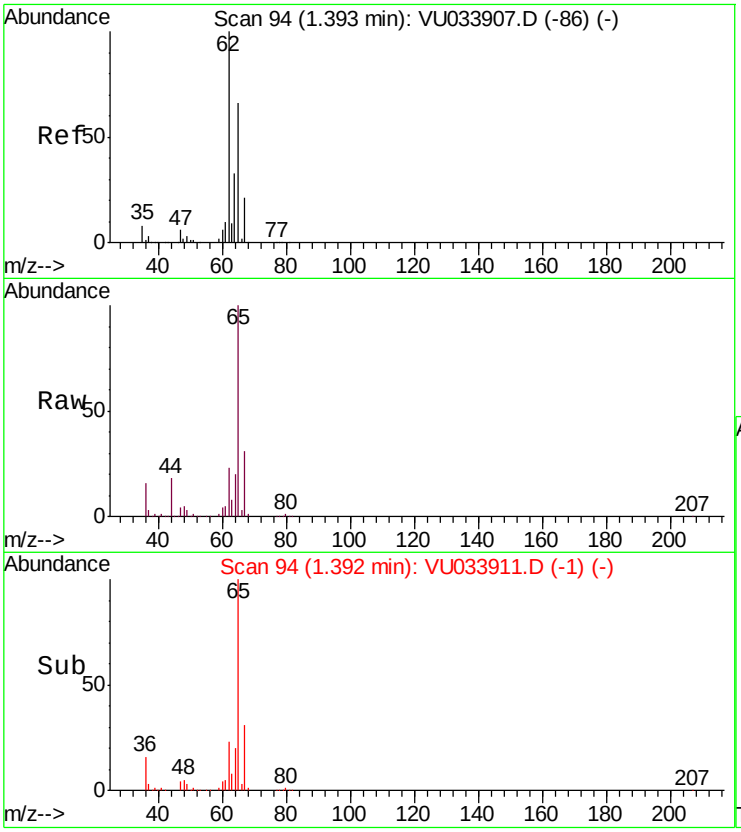
Instrument :
MSVOA_U
ClientSampleId :
F2B91

Quant Time: Aug 23 03:05:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 02:53:44 2019
Response via : Initial Calibration



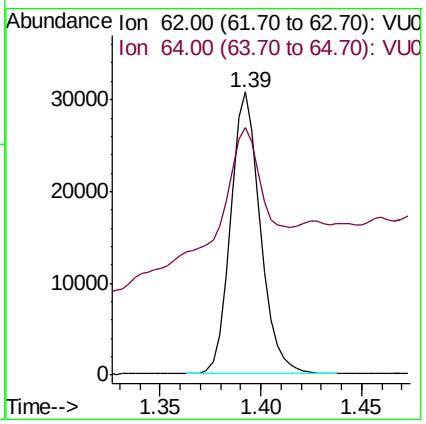


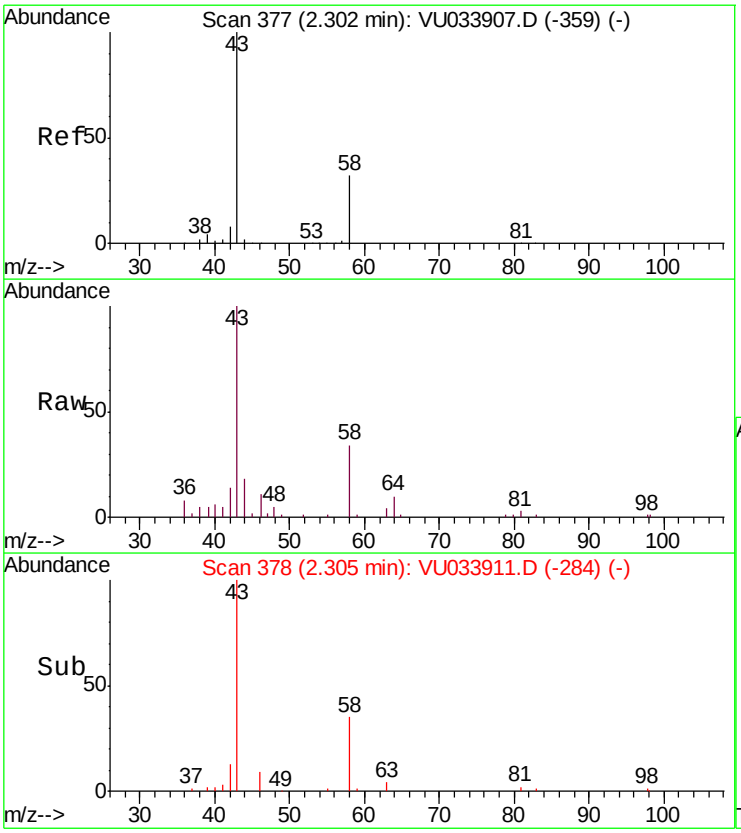
#5
Vinyl chloride
Concen: 5.137 ug/L
RT: 1.39 min Scan# 94
Delta R.T. -0.00 min
Lab File: VU033911.D
Acq: 22 Aug 2019 19:55

Instrument :
MSVOA_U
ClientSampleId :
F2B91

Tgt Ion: 62 Resp: 31726

Ion	Ratio	Lower	Upper
62	100		
64	87.6	23.7	44.1#

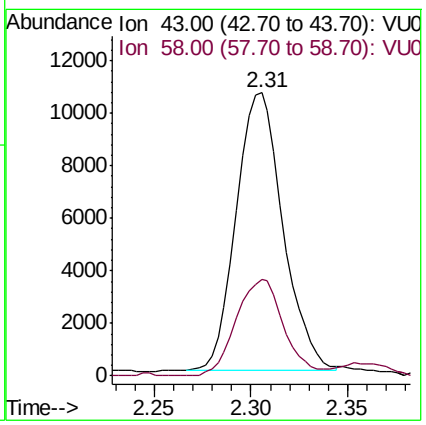


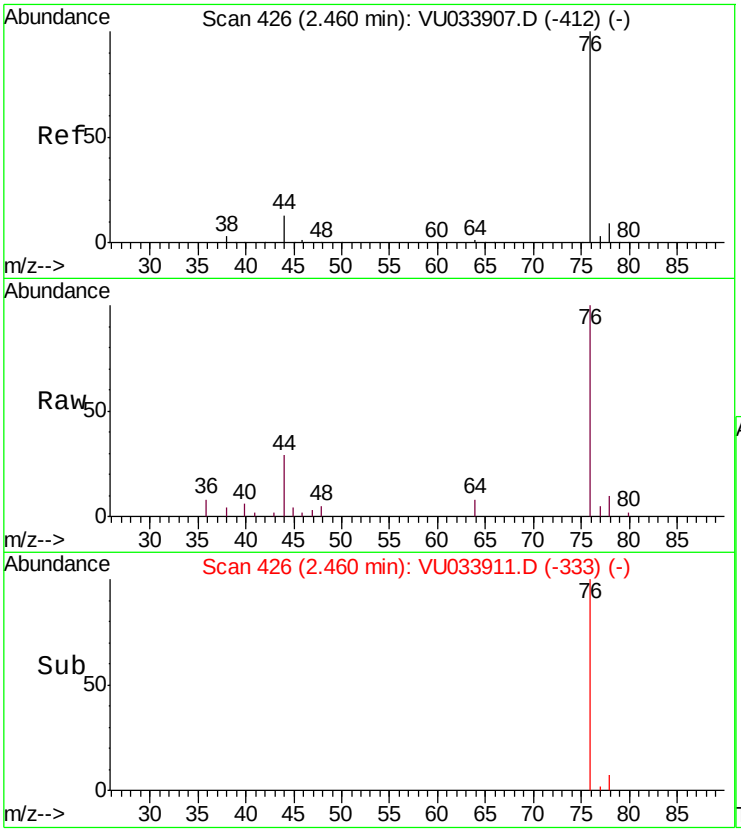


#13
Acetone
Concen: 5.577 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VU033911.D
Acq: 22 Aug 2019 19:55

Tgt Ion: 43 Resp: 17769

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	62.4



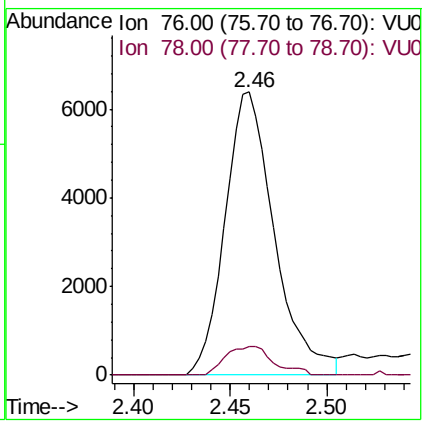


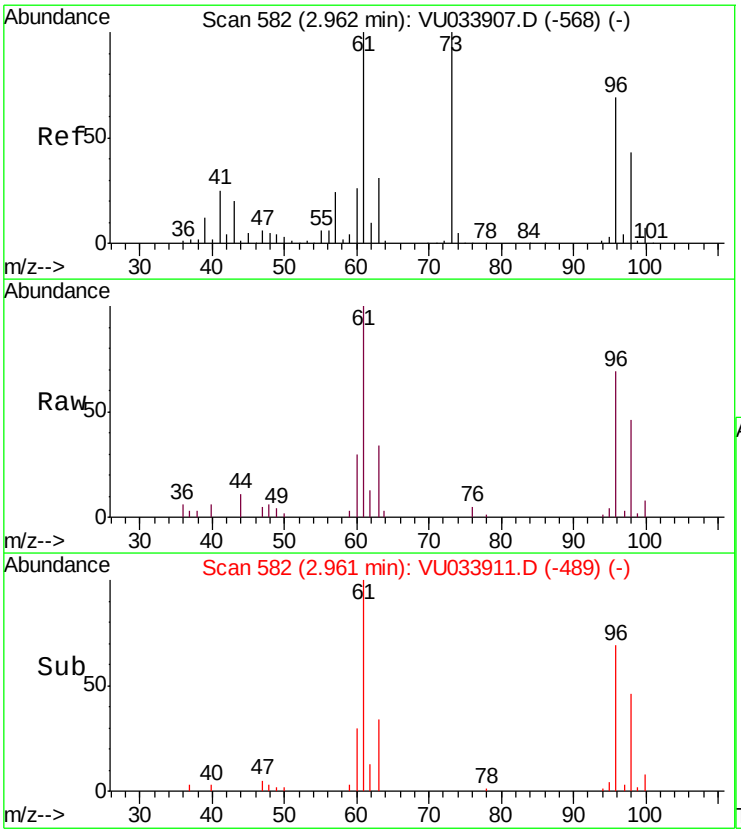
#14
Carbon disulfide
Concen: 0.885 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: VU033911.D
Acq: 22 Aug 2019 19:55

Instrument :
MSVOA_U
ClientSampleId :
F2B91

Tgt Ion: 76 Resp: 11346

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.4	11.0

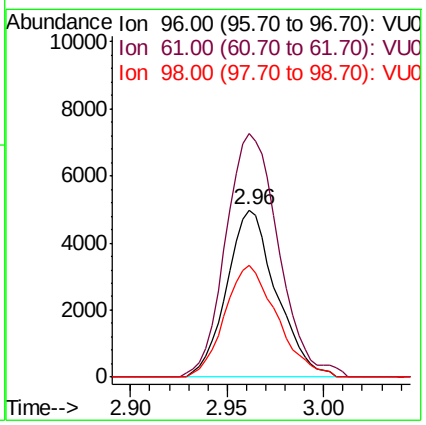


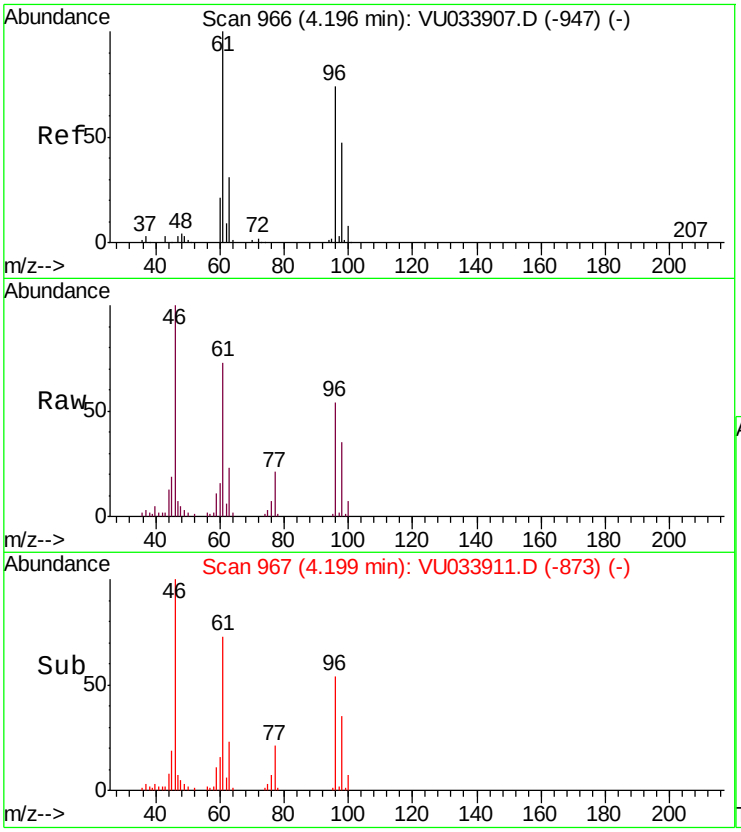


#17
trans-1,2-Dichloroethene
Concen: 2.073 ug/L
RT: 2.96 min Scan# 582
Delta R.T. -0.00 min
Lab File: VU033911.D
Acq: 22 Aug 2019 19:55

Tgt Ion: 96 Resp: 8876

Ion	Ratio	Lower	Upper
96	100		
61	145.4	101.2	187.8
98	66.6	44.0	81.6



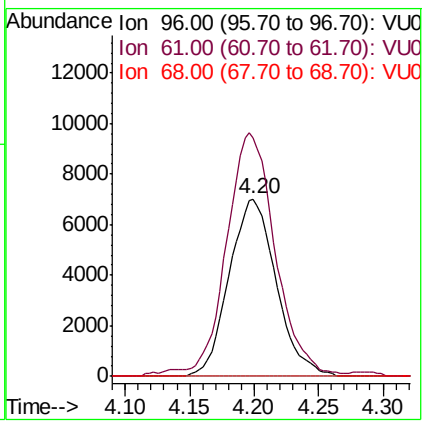


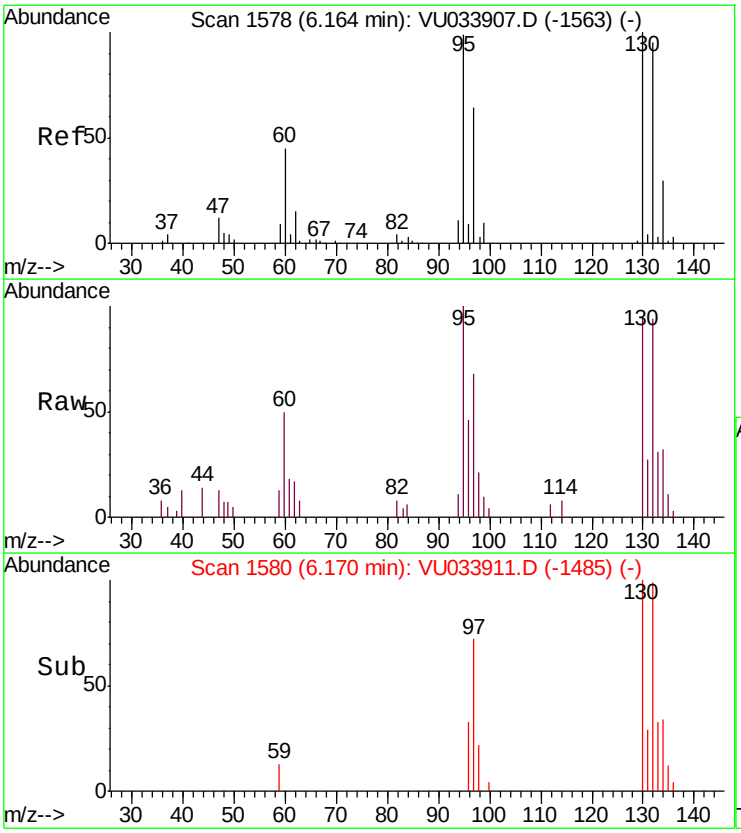
#20
cis-1,2-Dichloroethene
Concen: 3.784 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033911.D
Acq: 22 Aug 2019 19:55

Instrument :
MSVOA_U
ClientSampleId :
F2B91

Tgt Ion: 96 Resp: 17833

Ion	Ratio	Lower	Upper
96	100		
61	134.4	95.5	177.4
68	0.0	0.0	0.0

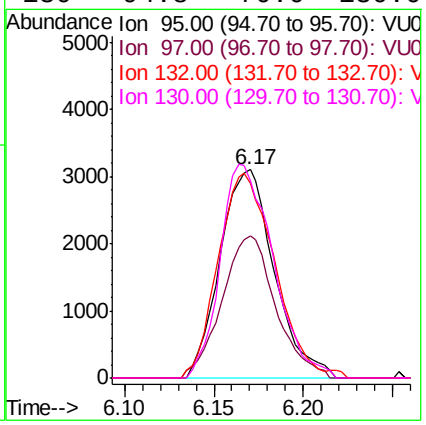


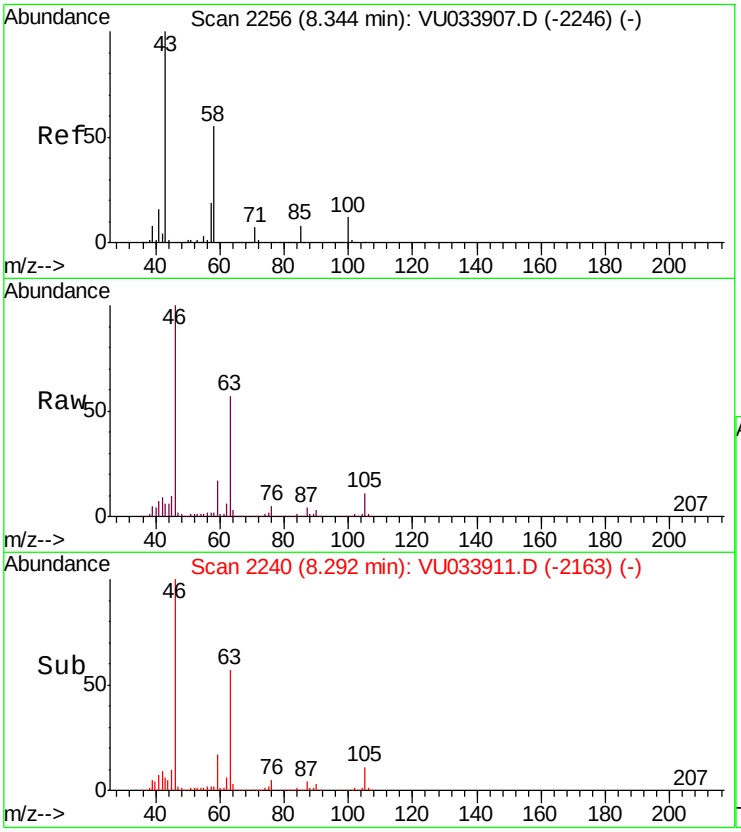


#34
Trichloroethene
Concen: 1.428 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU033911.D
Acq: 22 Aug 2019 19:55

Tgt Ion: 95 Resp: 6555

Ion	Ratio	Lower	Upper
95	100		
97	68.1	44.7	82.9
132	93.6	65.7	122.1
130	94.8	70.0	130.0



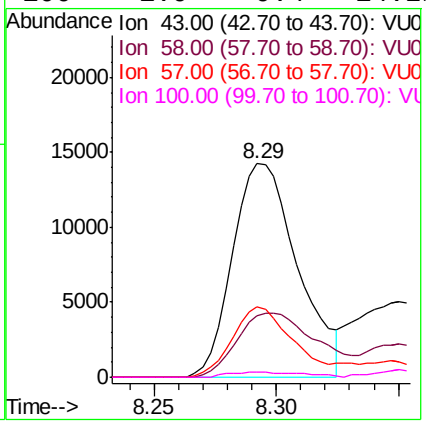


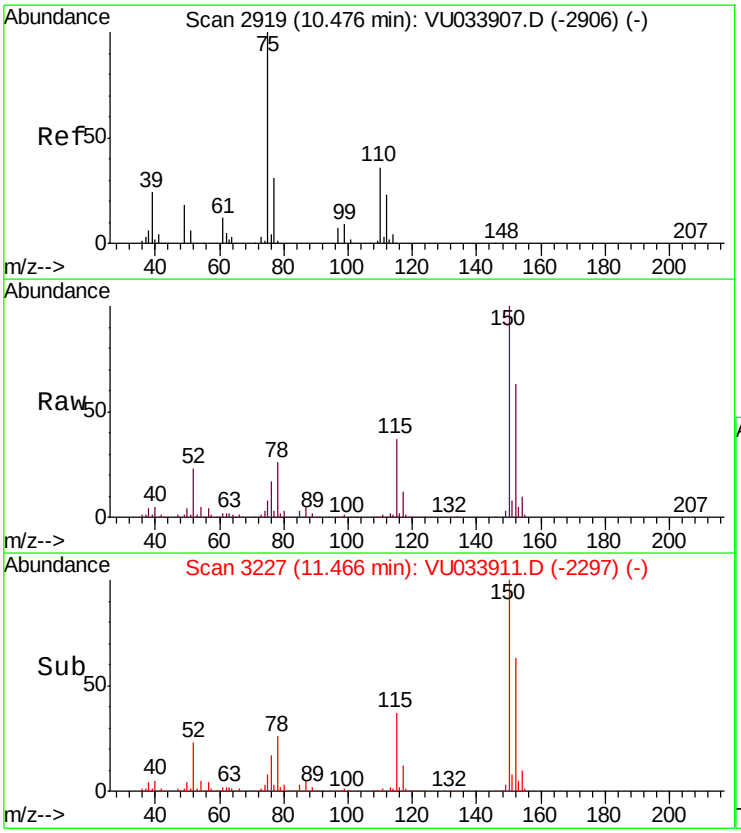
#48
2-Hexanone
Concen: 4.920 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033911.D
Acq: 22 Aug 2019 19:55

Instrument : MSVOA_U
ClientSampleId : F2B91

Tgt Ion: 43 Resp: 26478

Ion	Ratio	Lower	Upper
43	100		
58	36.8	44.3	66.5#
57	30.1	15.3	22.9#
100	1.9	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 5.052 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033911.D
Acq: 22 Aug 2019 19:55

Tgt Ion: 75 Resp: 31247

Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.8	38.8