Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\

Quantitation Report (Not Reviewed)

Data File : VU033520.D
Acq On : 31 Jul 2019 13:02
Operator : JC/SP
Sample : K4103-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB9D8

Quant Time: Aug 01 07:24:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 07:20:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	293094	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	292614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	134471	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	112108	52.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.22%			
7) Chloroethane-d5	1.67	69	109217	59.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 119.48%			
11) 1,1-Dichloroethene-d2	2.26	63	151505	39.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.34%			
21) 2-Butanone-d5	4.15	46	167863	118.93	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.93%			
24) Chloroform-d	4.62	84	198451	55.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.12%			
26) 1,2-Dichloroethane-d4	5.29	65	129332	57.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.34%			
32) Benzene-d6	5.32	84	403110	55.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.14%			
36) 1,2-Dichloropropane-d6	6.31	67	129184	56.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.62%			
41) Toluene-d8	7.55	98	357255	52.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.12%			
43) trans-1,3-Dichloropropene-	7.83	79	58776	52.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.22%			
47) 2-Hexanone-d5	8.30	63	121722	112.75	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.75%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	192129	54.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.60%			
64) 1,2-Dichlorobenzene-d4	11.85	152	142718	57.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.92%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1727	0.873	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1516	0.799	ug/L #	1
13) Acetone	2.32	43	3431	2.376	ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	18179	8.145	ug/L	97
34) Trichloroethene	6.16	95	61036	27.411	ug/L	99
37) 1,2-Dichloropropane	6.31	63	14013	6.202	ug/L #	88
59) 1,2,3-Trichloropropane	11.47	75	16100	5.398	ug/L	93

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

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
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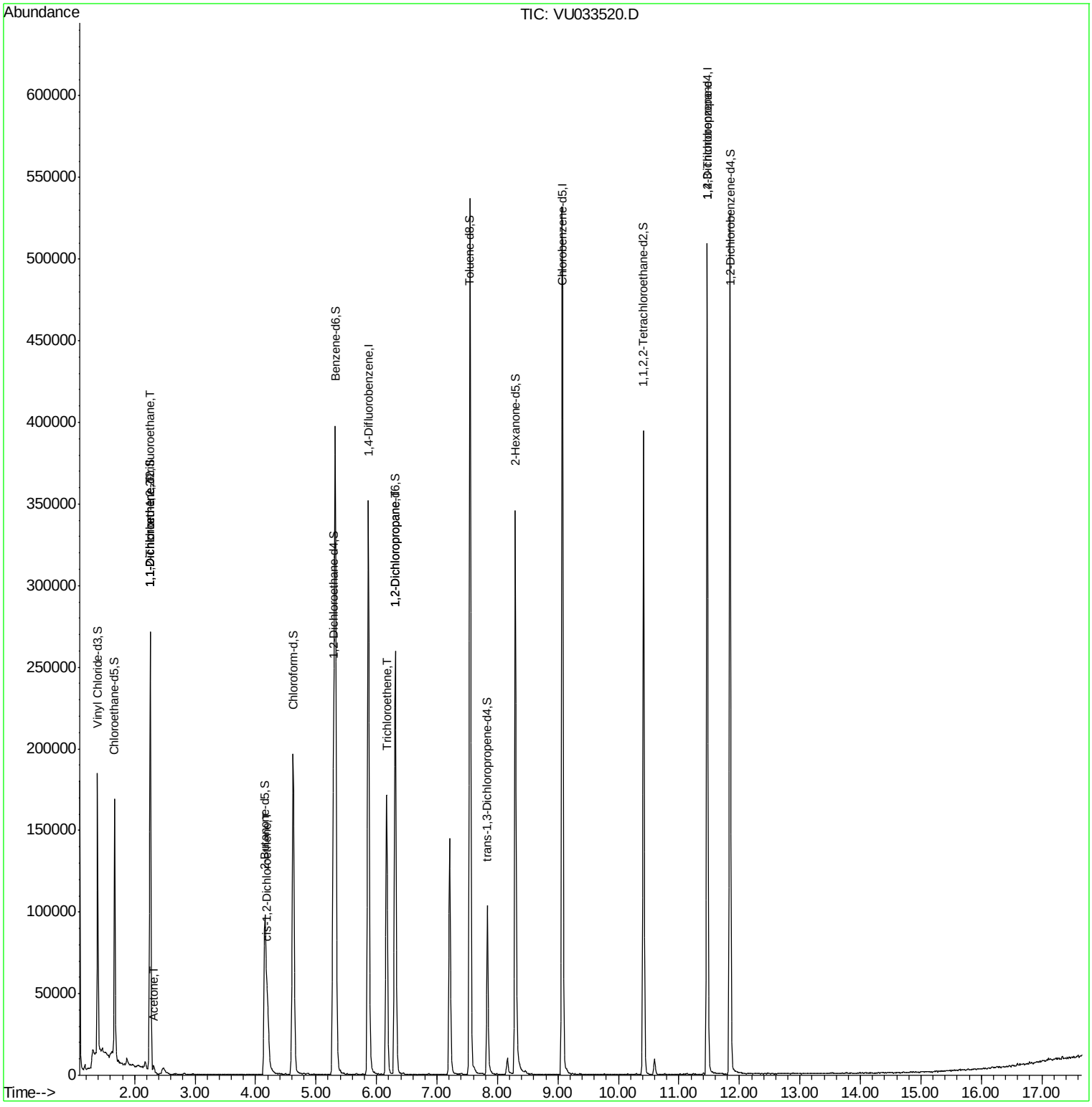
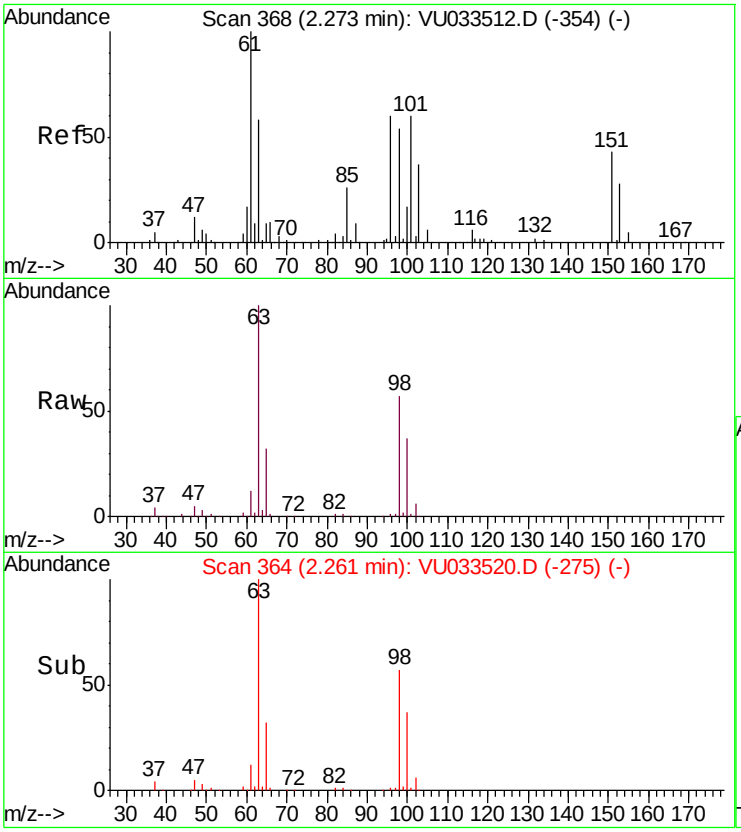
Quant Time: Aug 01 07:24:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 07:20:33 2019
Response via : Initial Calibration



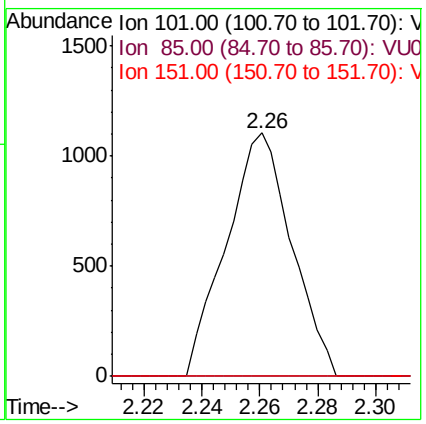


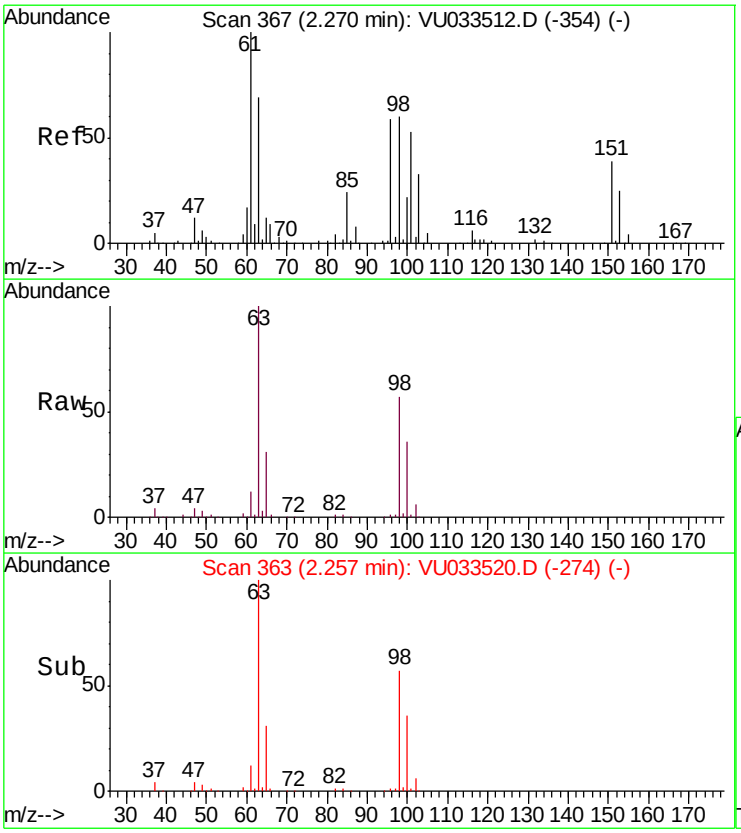
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.873 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033520.D
Acq: 31 Jul 2019 13:02

Instrument : MSVOA_U
ClientSampleId : DB9D8

Tgt Ion:101 Resp: 1727

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.8#
151	0.0	60.1	90.1#

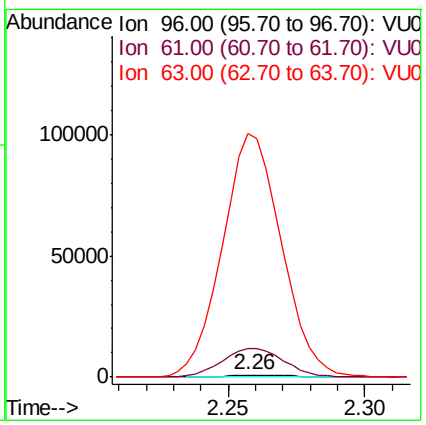


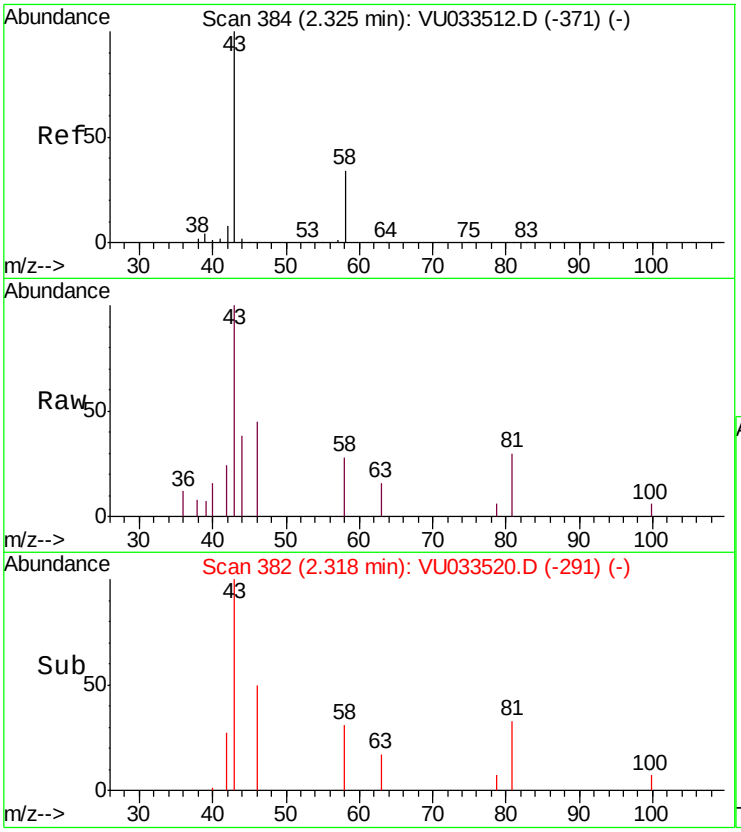


#12
1,1-Dichloroethene
Concen: 0.799 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033520.D
Acq: 31 Jul 2019 13:02

Tgt Ion: 96 Resp: 1516

Ion	Ratio	Lower	Upper
96	100		
61	1317.7	119.3	221.5#
63	11437.5	86.6	160.8#



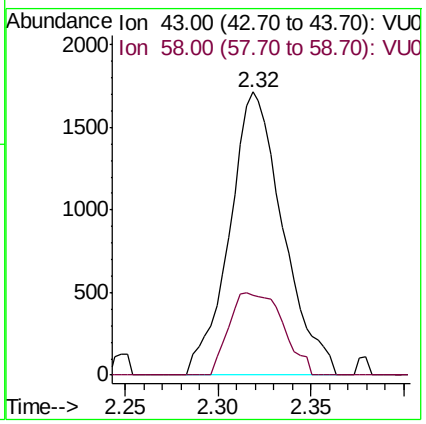


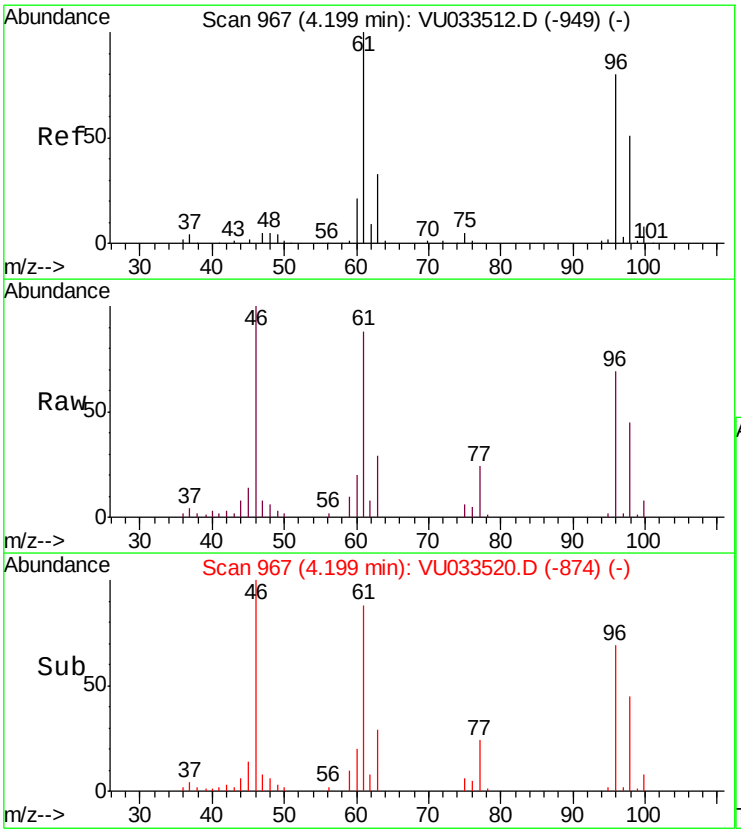
#13
Acetone
Concen: 2.376 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.01 min
Lab File: VU033520.D
Acq: 31 Jul 2019 13:02

Instrument : MSVOA_U
ClientSampleId : DB9D8

Tgt Ion: 43 Resp: 3431

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	66.2

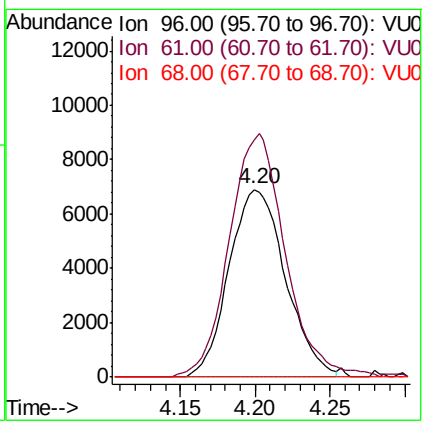


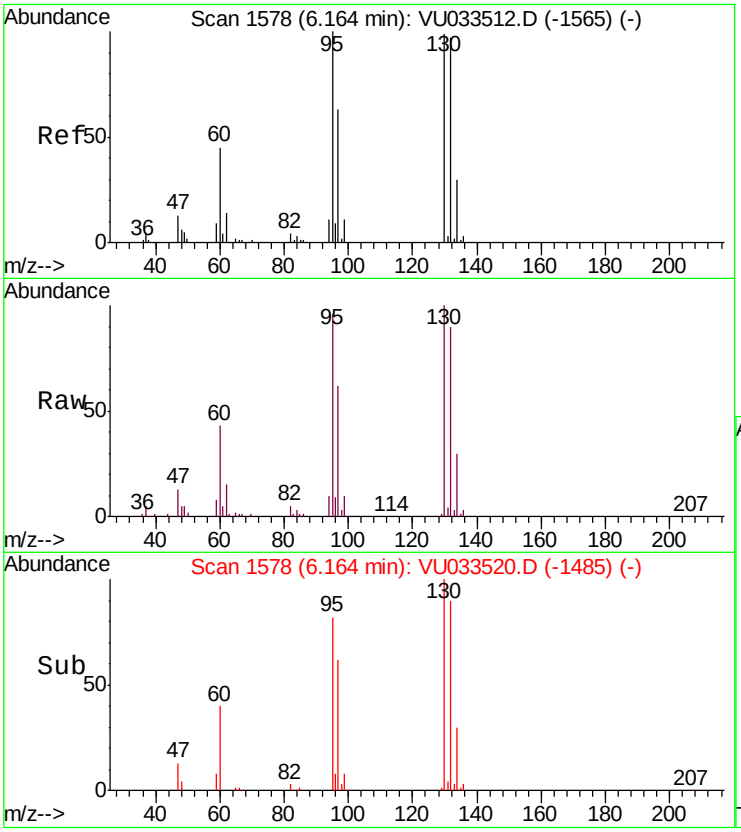


#20
cis-1,2-Dichloroethene
Concen: 8.145 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033520.D
Acq: 31 Jul 2019 13:02

Tgt Ion: 96 Resp: 18179

Ion	Ratio	Lower	Upper
96	100		
61	126.9	91.3	169.6
68	0.0	0.0	0.0



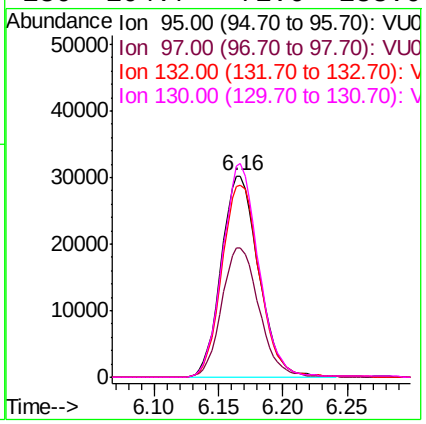


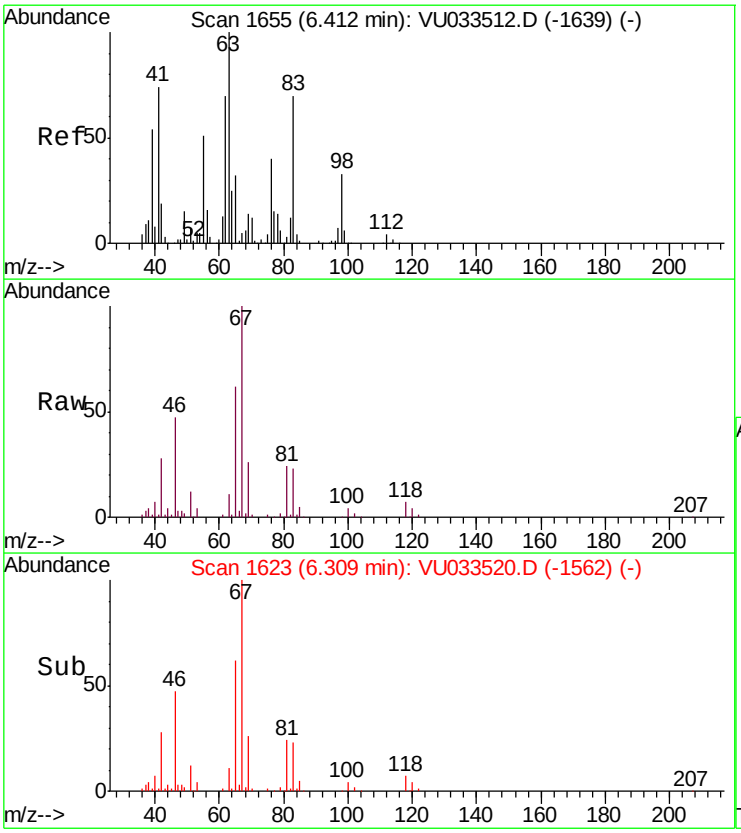
#34
Trichloroethene
Concen: 27.411 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033520.D
Acq: 31 Jul 2019 13:02

Instrument :
MSVOA_U
ClientSampleId :
DB9D8

Tgt Ion: 95 Resp: 61036

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.7	83.1
132	94.4	66.8	124.0
130	104.7	71.6	133.0

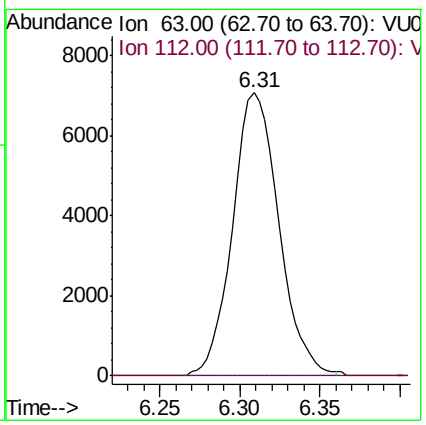


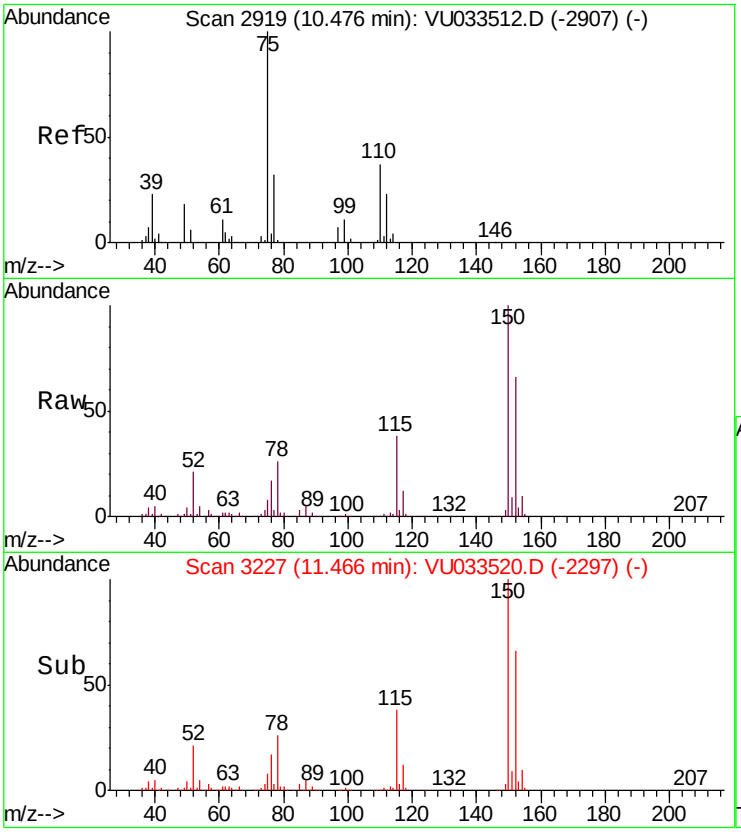


#37
1,2-Dichloropropane
Concen: 6.202 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033520.D
Acq: 31 Jul 2019 13:02

Tgt Ion: 63 Resp: 14013

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#





#59
1,2,3-Trichloropropane
Concen: 5.398 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033520.D
Acq: 31 Jul 2019 13:02

Instrument :
MSVOA_U
ClientSampleId :
DB9D8

Tgt Ion: 75 Resp: 16100

Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.8	38.6