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

Quantitation Report (Not Reviewed)

Data File : VU033450.D
Acq On : 26 Jul 2019 14:01
Operator : JC/SP
Sample : K3976-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CA3

Quant Time: Jul 27 02:01:54 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	257879	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	262697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	112695	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	99512	50.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.96%			
7) Chloroethane-d5	1.67	69	90400	54.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.42%			
11) 1,1-Dichloroethene-d2	2.25	63	144094	40.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.38%			
21) 2-Butanone-d5	4.15	46	136870	110.65	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.65%			
24) Chloroform-d	4.62	84	166093	50.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.54%			
26) 1,2-Dichloroethane-d4	5.28	65	116250	55.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.80%			
32) Benzene-d6	5.32	84	344081	53.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.78%			
36) 1,2-Dichloropropane-d6	6.31	67	111637	54.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.16%			
41) Toluene-d8	7.55	98	307098	50.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.06%			
43) trans-1,3-Dichloropropene-	7.83	79	49148	48.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.10%			
47) 2-Hexanone-d5	8.30	63	94640	101.69	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.69%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	169077	54.11	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.22%			
64) 1,2-Dichlorobenzene-d4	11.85	152	117452	58.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.88%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	9111	3.131	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1181	0.671	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	3257	1.892	ug/L #	1
13) Acetone	2.31	43	5364	3.471	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	24482	12.201	ug/L	98
25) Chloroform	4.65	83	10552	2.901	ug/L	96
34) Trichloroethene	6.16	95	76563	38.214	ug/L	98
39) cis-1,3-Dichloropropene	7.21	75	3173	0.996	ug/L #	77
44) trans-1,3-Dichloropropene	7.84	75	2070	0.721	ug/L	84
45) 1,1,2-Trichloroethane	8.21	97	769	0.391	ug/L #	4
46) Tetrachloroethene	8.21	164	81320	52.430	ug/L	99
59) 1,2,3-Trichloropropane	11.47	75	13271	4.907	ug/L #	87

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

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

Quantitation Report (Not Reviewed)

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Operator : JC/SP
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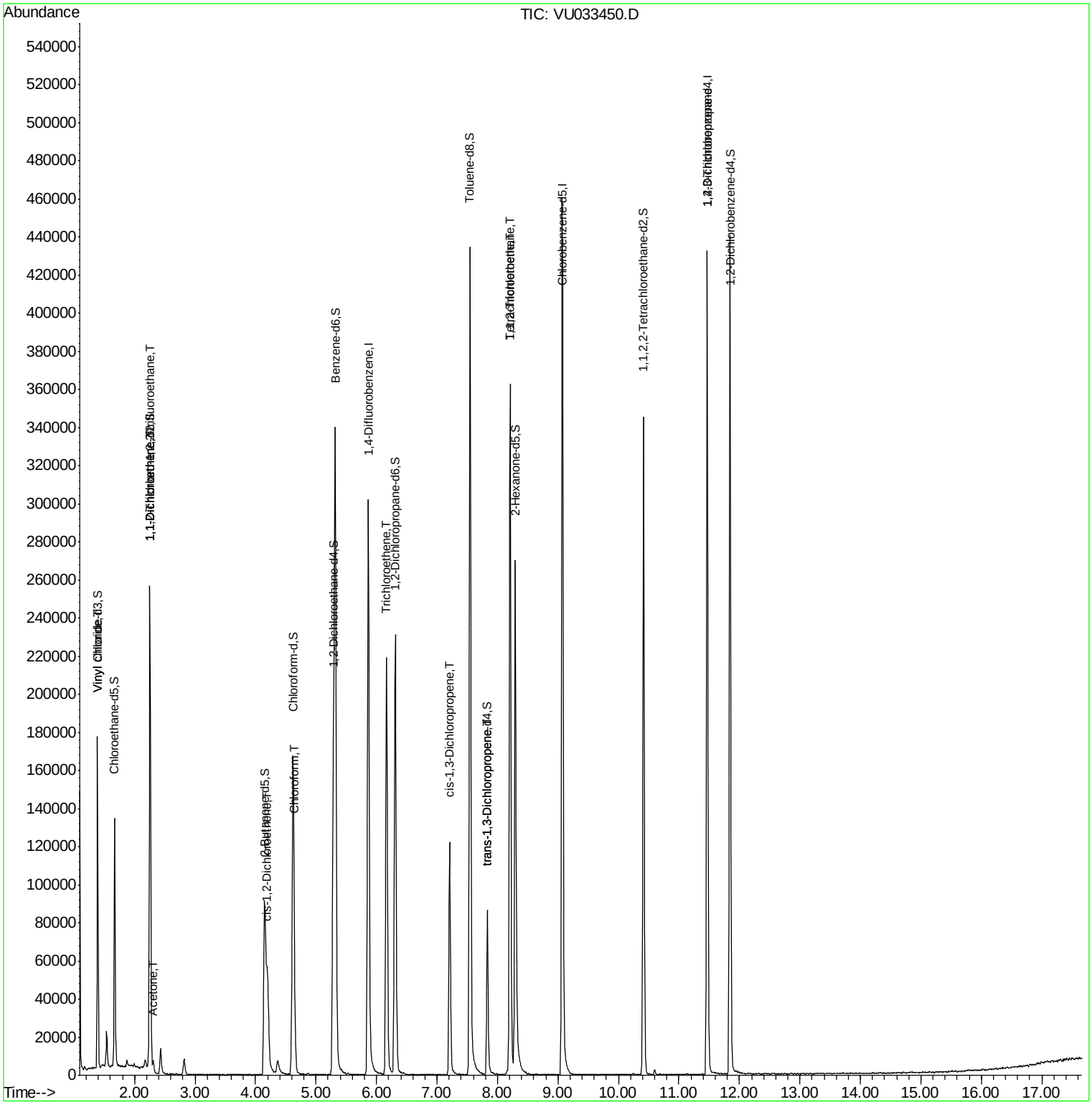
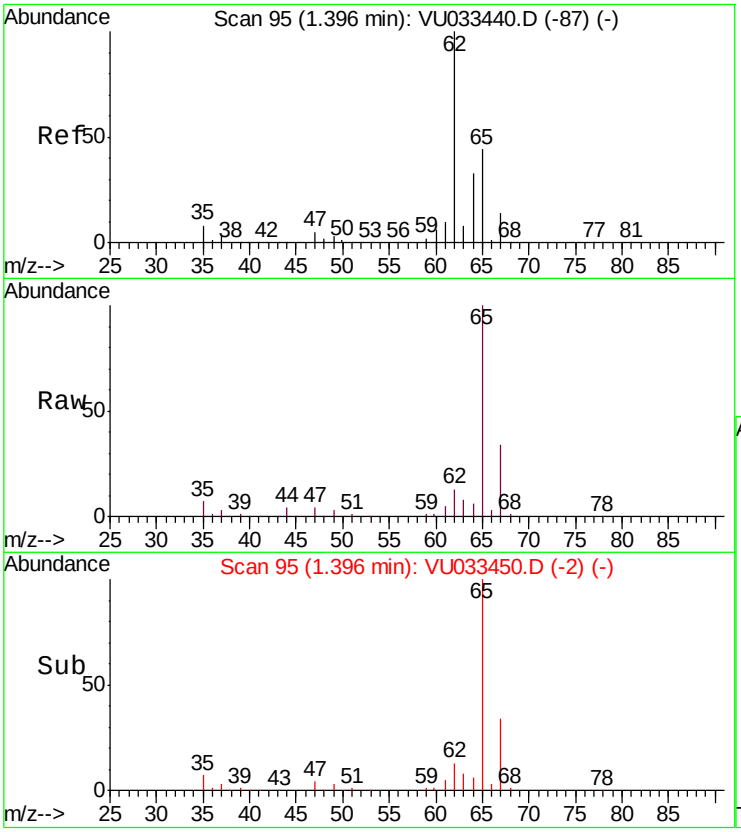
Instrument :
MSVOA_U
ClientSampleId :
C0CA3

Quant Time: Jul 27 02:01:54 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



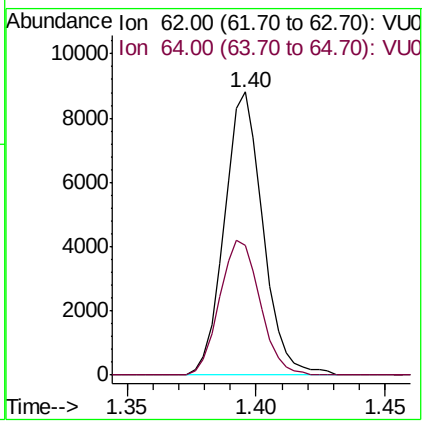


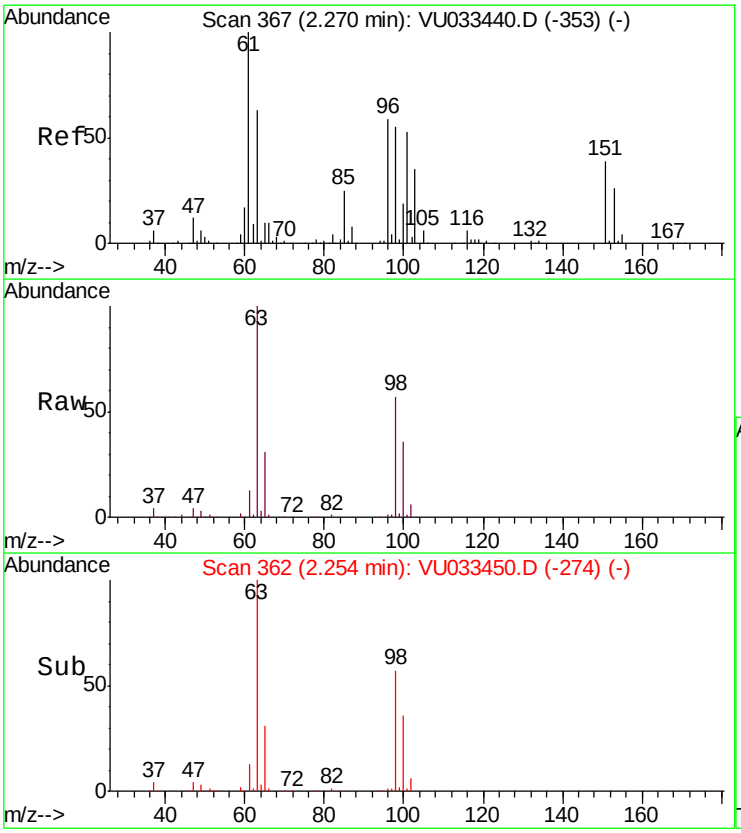
#5
Vinyl chloride
Concen: 3.131 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU033450.D
Acq: 26 Jul 2019 14:01

Instrument :
MSVOA_U
ClientSampleId :
C0CA3

Tgt Ion: 62 Resp: 9111

Ion	Ratio	Lower	Upper
62	100		
64	46.1	22.7	42.3#

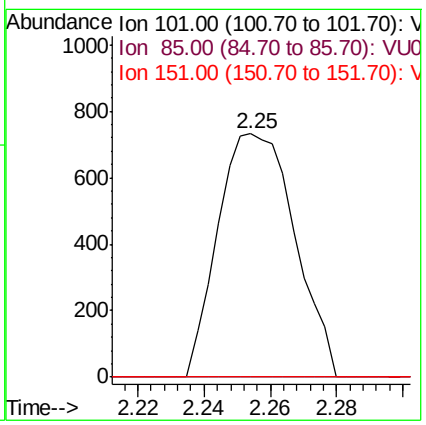


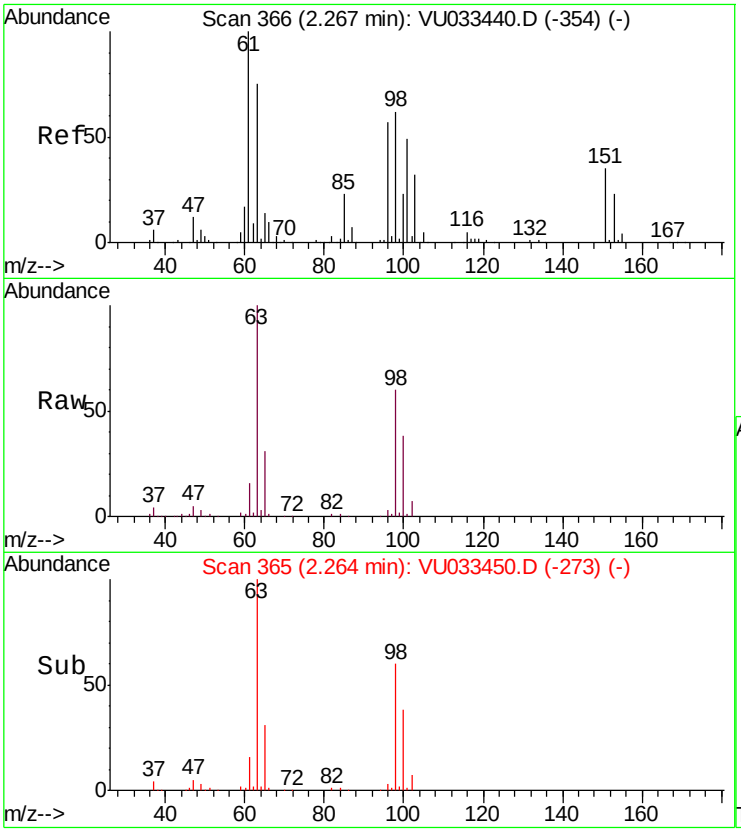


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.671 ug/L
RT: 2.25 min Scan# 362
Delta R.T. -0.02 min
Lab File: VU033450.D
Acq: 26 Jul 2019 14:01

Tgt Ion:101 Resp: 1181

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



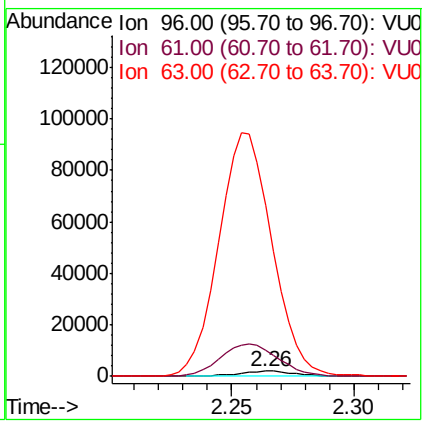


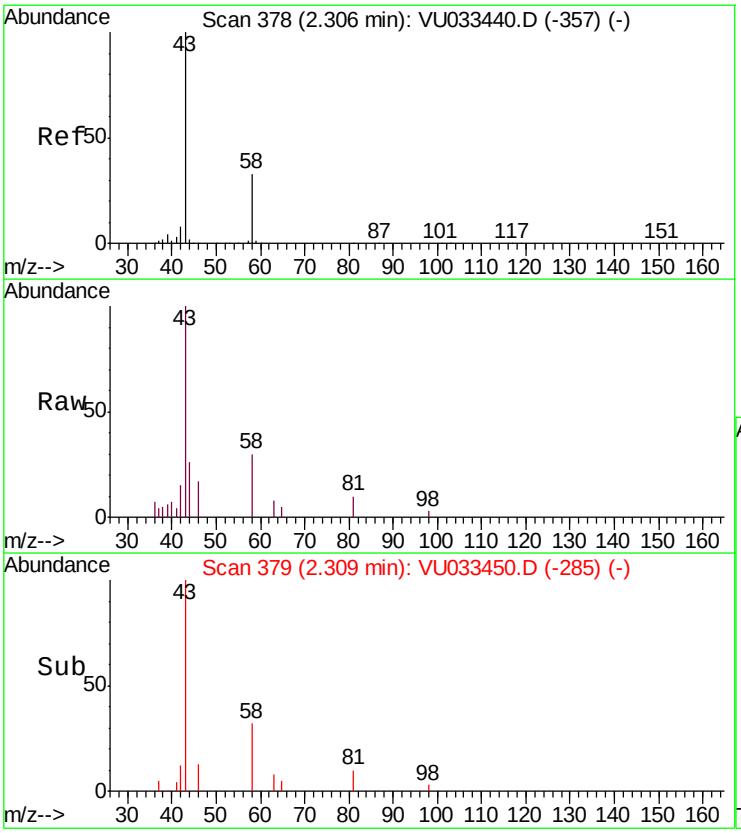
#12
1,1-Dichloroethene
Concen: 1.892 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.00 min
Lab File: VU033450.D
Acq: 26 Jul 2019 14:01

Instrument : MSVOA_U
ClientSampleId : C0CA3

Tgt Ion: 96 Resp: 3257

Ion	Ratio	Lower	Upper
96	100		
61	525.1	126.1	234.1#
63	3364.2	96.8	179.8#

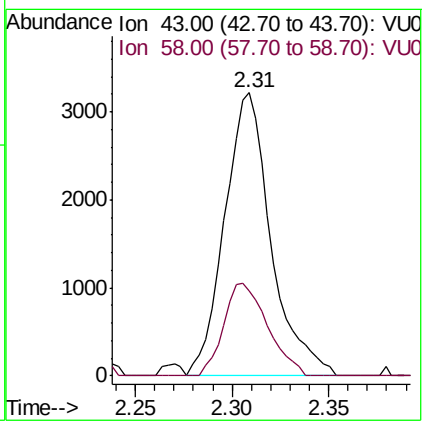


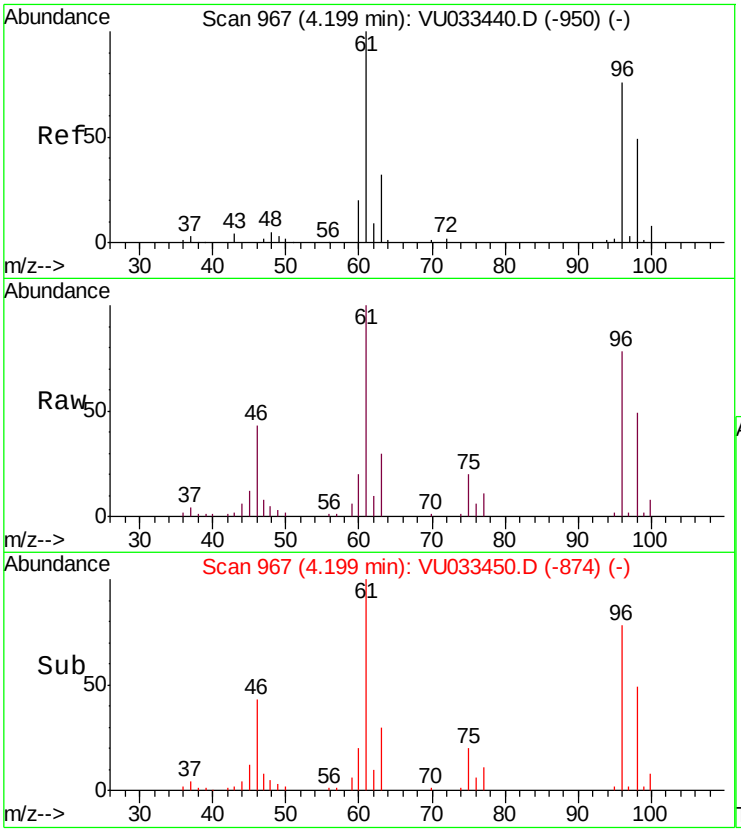


#13
Acetone
Concen: 3.471 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU033450.D
Acq: 26 Jul 2019 14:01

Tgt Ion: 43 Resp: 5364

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	65.4



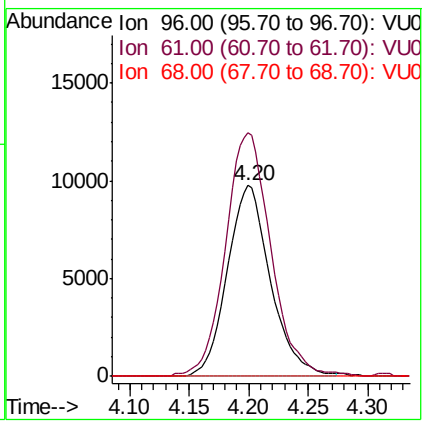


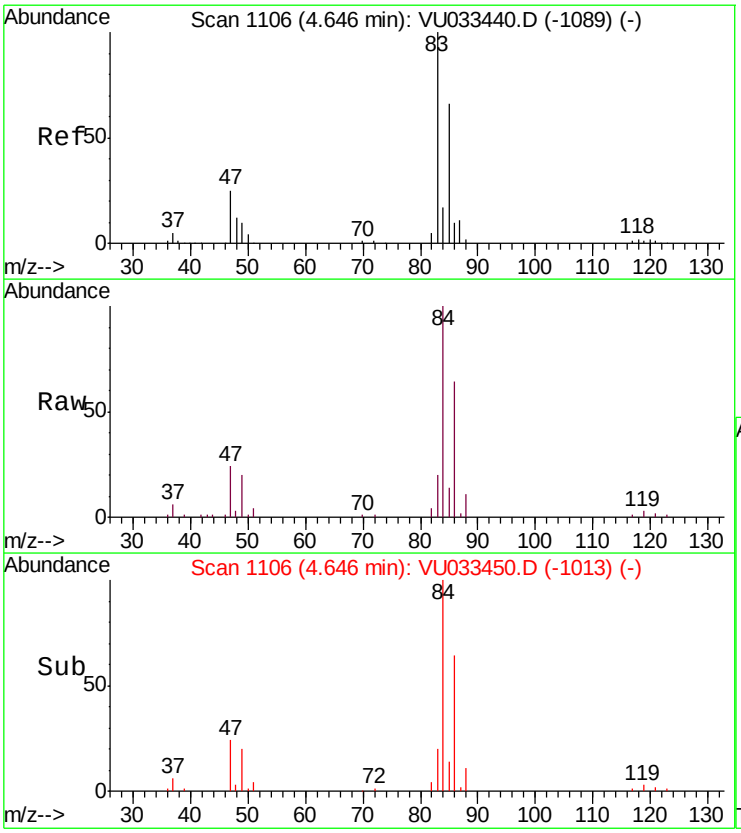
#20
cis-1,2-Dichloroethene
Concen: 12.201 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033450.D
Acq: 26 Jul 2019 14:01

Instrument :
MSVOA_U
ClientSampleId :
C0CA3

Tgt Ion: 96 Resp: 24482

Ion	Ratio	Lower	Upper
96	100		
61	127.7	91.1	169.1
68	0.0	0.0	0.0

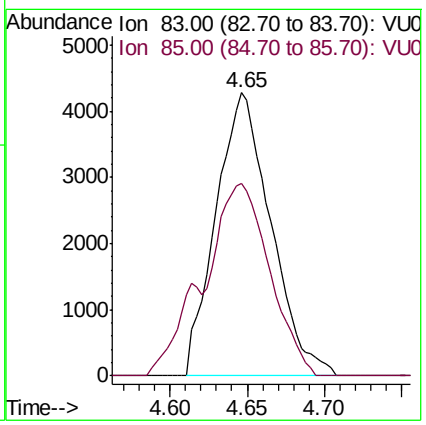


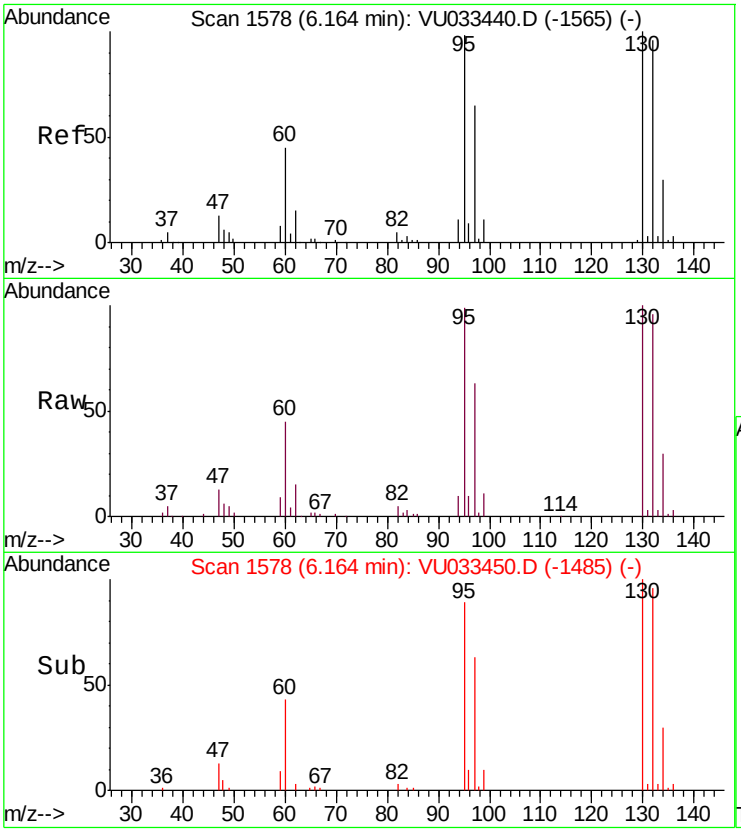


#25
Chloroform
Concen: 2.901 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033450.D
Acq: 26 Jul 2019 14:01

Tgt Ion: 83 Resp: 10552

Ion	Ratio	Lower	Upper
83	100		
85	67.9	45.4	84.4



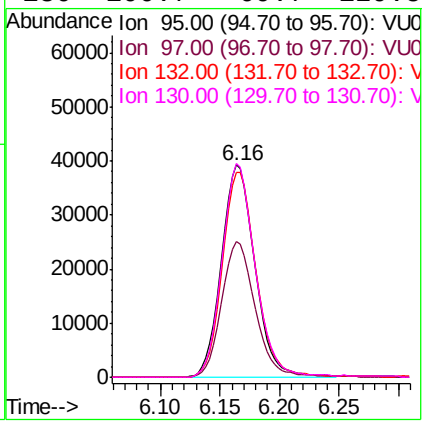


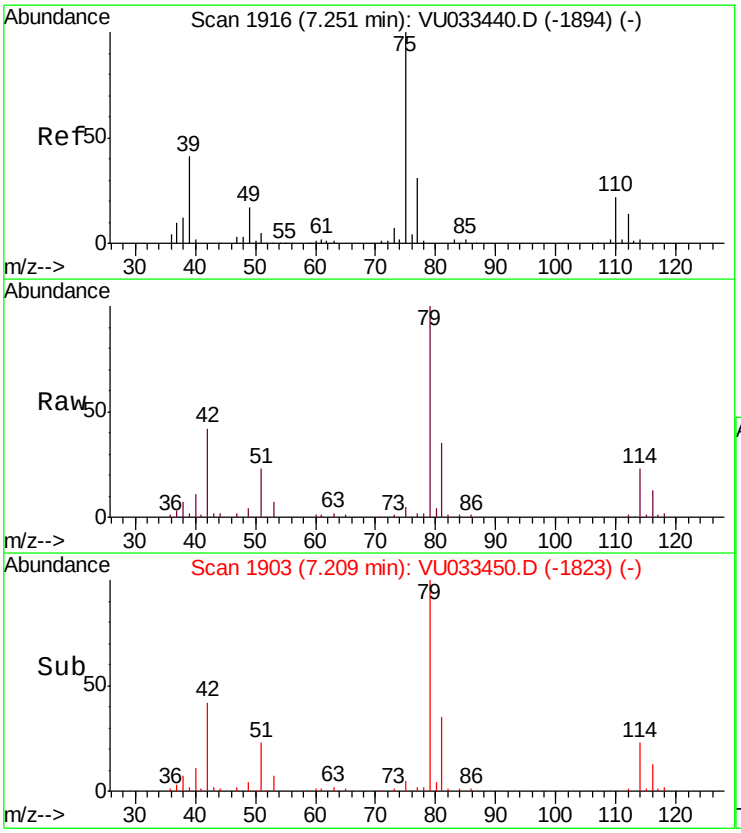
#34
Trichloroethene
Concen: 38.214 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033450.D
Acq: 26 Jul 2019 14:01

Instrument :
MSVOA_U
ClientSampleId :
C0CA3

Tgt Ion: 95 Resp: 76563

Ion	Ratio	Lower	Upper
95	100		
97	63.8	43.8	81.4
132	96.4	65.5	121.6
130	100.7	69.7	129.5

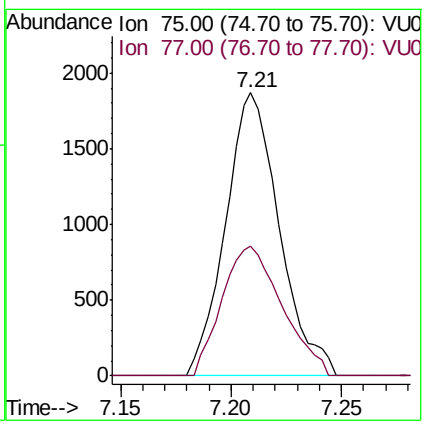


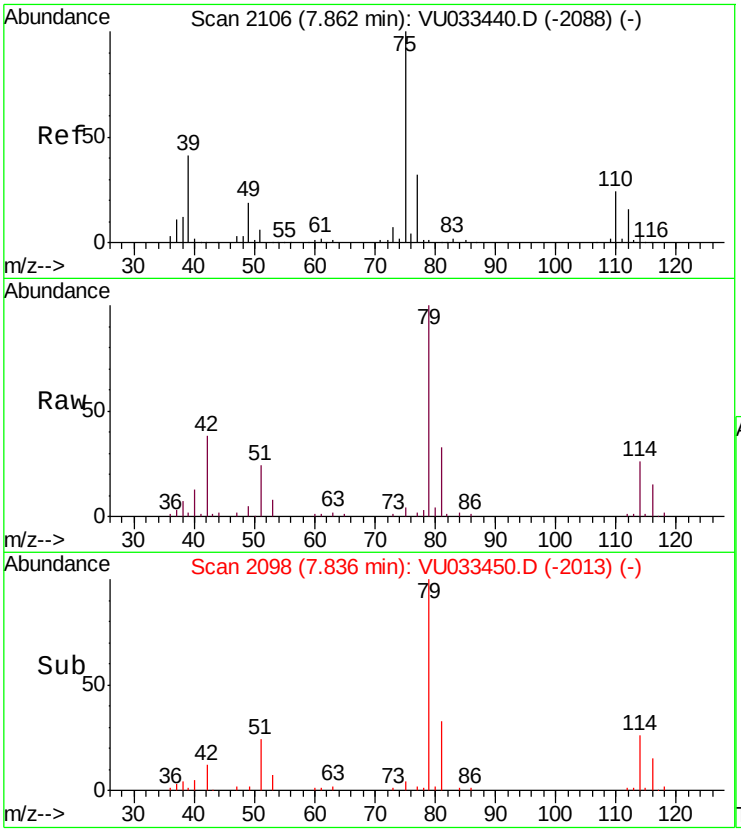


#39
cis-1,3-Dichloropropene
Concen: 0.996 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033450.D
Acq: 26 Jul 2019 14:01

Tgt Ion: 75 Resp: 3173

Ion	Ratio	Lower	Upper
75	100		
77	45.8	23.1	42.9#



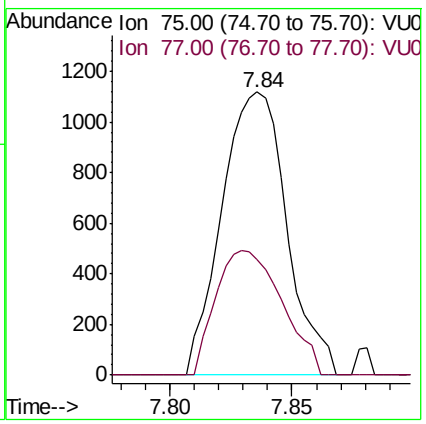


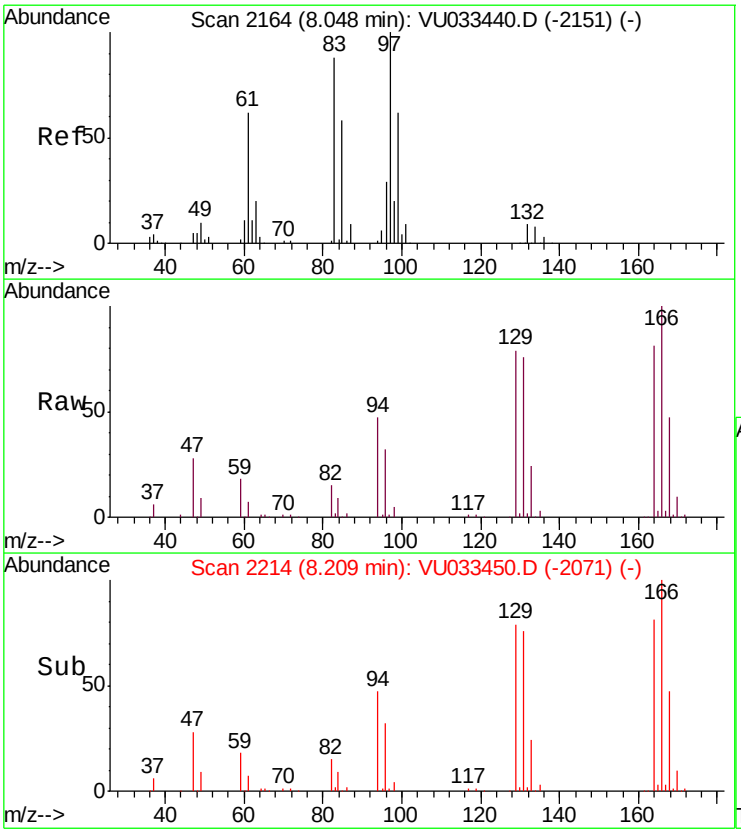
#44
trans-1,3-Dichloropropene
Concen: 0.721 ug/L
RT: 7.84 min Scan# 2098
Delta R.T. -0.03 min
Lab File: VU033450.D
Acq: 26 Jul 2019 14:01

Instrument :
MSVOA_U
ClientSampleId :
C0CA3

Tgt Ion: 75 Resp: 2070

Ion	Ratio	Lower	Upper
75	100		
77	40.9	22.4	41.6

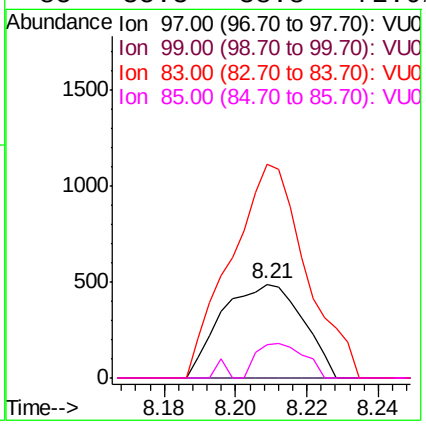


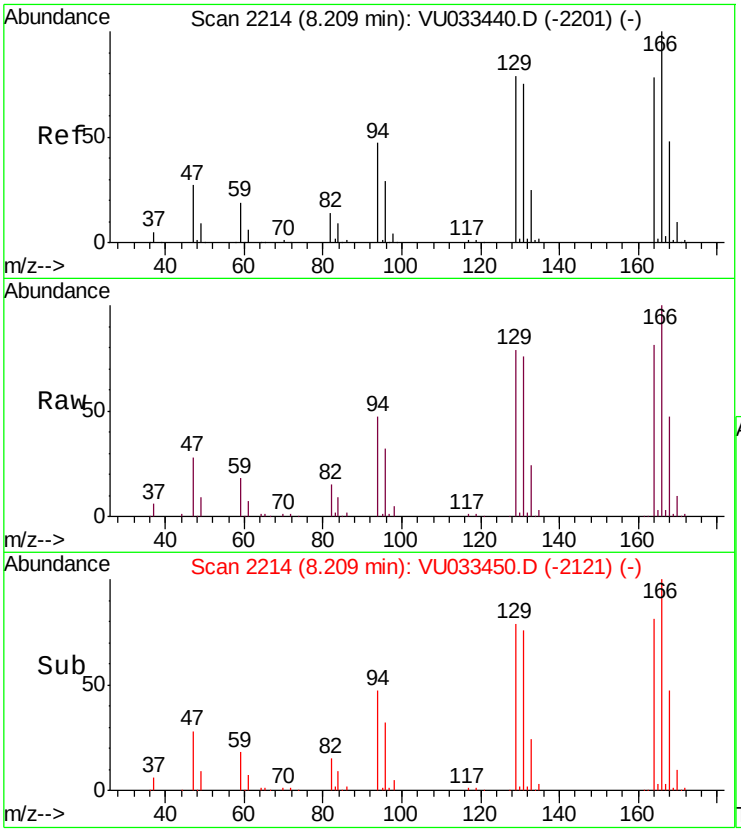


#45
1,1,2-Trichloroethane
Concen: 0.391 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.16 min
Lab File: VU033450.D
Acq: 26 Jul 2019 14:01

Tgt Ion: 97 Resp: 769

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.0	79.8#
83	228.1	61.5	114.3#
85	35.3	38.8	72.0#



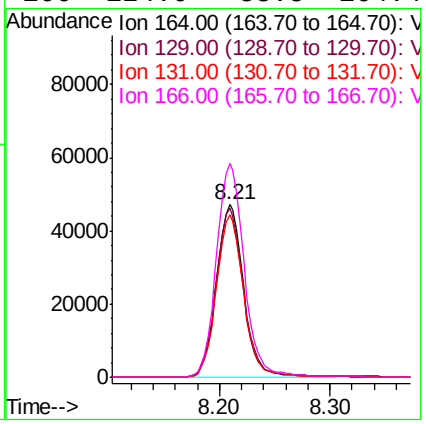


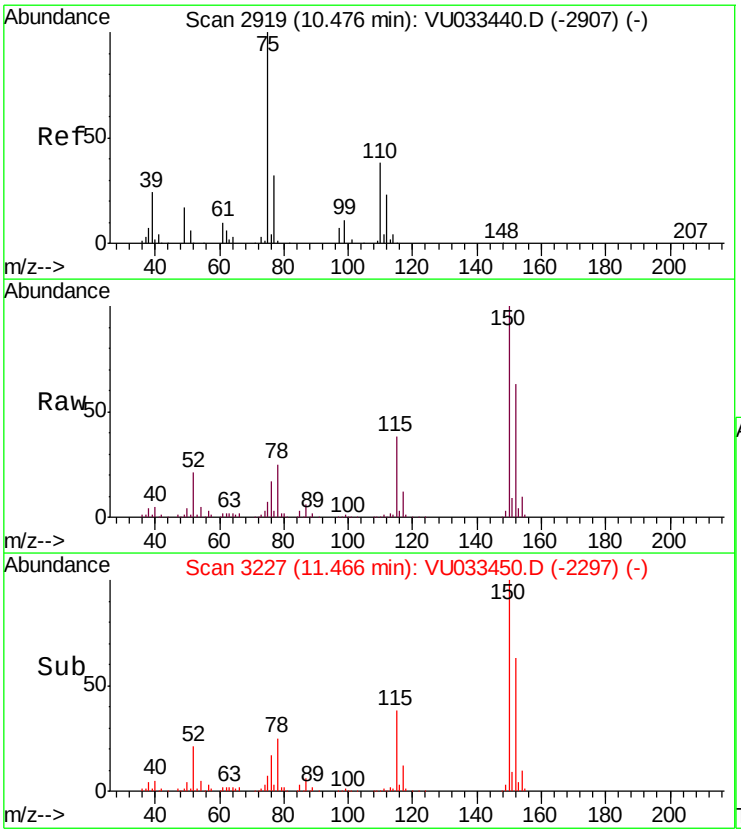
#46
Tetrachloroethene
Concen: 52.430 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU033450.D
Acq: 26 Jul 2019 14:01

Instrument :
MSVOA_U
ClientSampleId :
C0CA3

Tgt Ion:164 Resp: 81320

Ion	Ratio	Lower	Upper
164	100		
129	98.2	69.6	129.2
131	94.3	65.7	122.1
166	124.0	88.5	164.4





#59
1,2,3-Trichloropropane
Concen: 4.907 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033450.D
Acq: 26 Jul 2019 14:01

Tgt Ion: 75 Resp: 13271

Ion	Ratio	Lower	Upper
75	100		
77	40.0	26.0	39.0#