Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071719\

Quantitation Report (Not Reviewed)

Data File : VU033298.D
Acq On : 17 Jul 2019 18:24
Operator : JC/SP
Sample : K3772-14DL2 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52R1DL2

Quant Time: Jul 18 08:07:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	121708	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	133437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	55896	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	47902	3.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.20%			
7) Chloroethane-d5	1.67	69	44237	4.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.60%			
11) 1,1-Dichloroethene-d2	2.26	63	79831	3.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.40%			
20) 2-Butanone-d5	4.17	46	93708	40.57	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.14%			
24) Chloroform-d	4.62	84	72319	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.00%			
26) 1,2-Dichloroethane-d4	5.29	65	48664	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.32	84	160291	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
36) 1,2-Dichloropropane-d6	6.31	67	52407	4.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.60%			
41) Toluene-d8	7.55	98	134662	3.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.60%			
43) trans-1,3-Dichloropropene-	7.84	79	19729	4.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.20%			
46) 2-Hexanone-d5	8.30	63	91988	47.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.52%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	49154	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	54535	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	4584	0.350	ug/L #	74
12) 1,1-Dichloroethene	2.27	96	1144	0.114	ug/L #	1
16) Methylene chloride	2.68	84	1678	0.138	ug/L	91
22) cis-1,2-Dichloroethene	4.20	96	68896	7.381	ug/L	100
25) Chloroform	4.65	83	15616	0.849	ug/L	94
34) Trichloroethene	6.16	95	35932	3.593	ug/L	100
35) Methylcyclohexane	6.31	83	12249	0.813	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6273	0.614	ug/L #	88
44) trans-1,3-Dichloropropene	7.84	75	985	0.084	ug/L #	79
59) 1,2,3-Trichloropropane	11.47	75	6726	1.009	ug/L	96

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

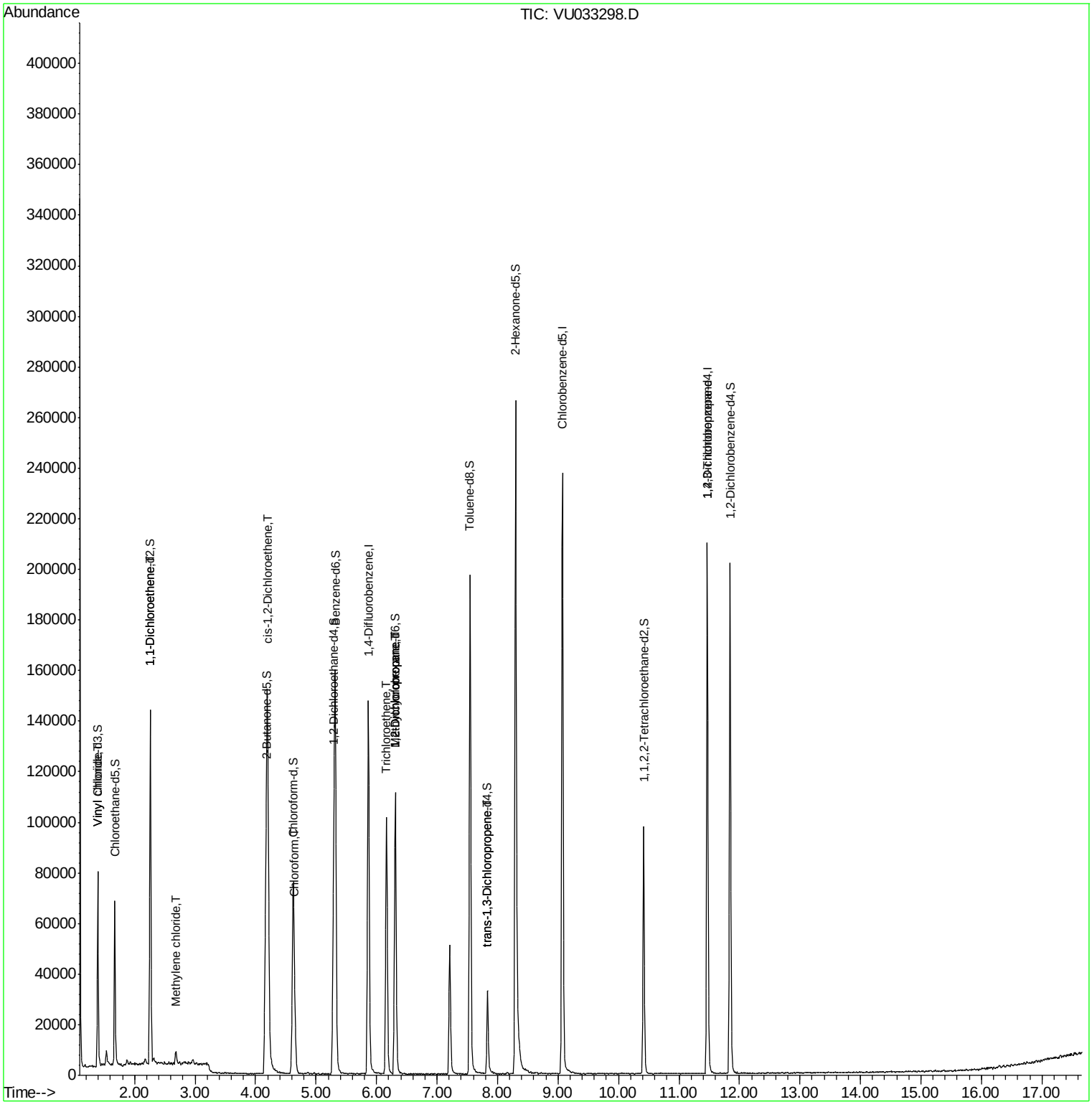
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071719\

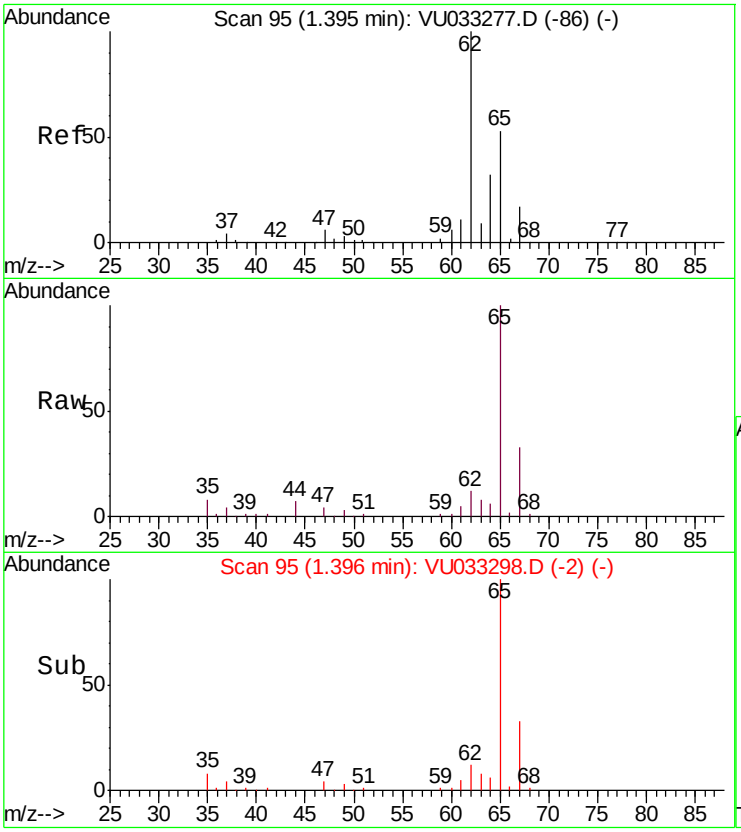
Quantitation Report (Not Reviewed)

Data File : VU033298.D
Acq On : 17 Jul 2019 18:24
Operator : JC/SP
Sample : K3772-14DL2 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52R1DL2

Quant Time: Jul 18 08:07:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration



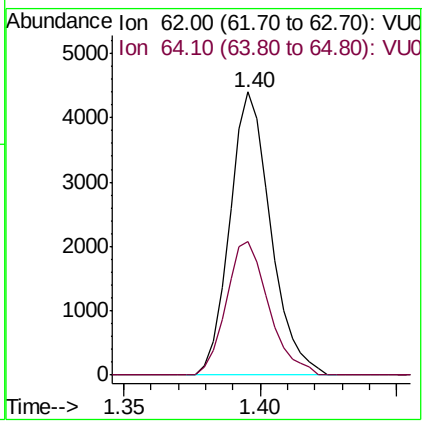


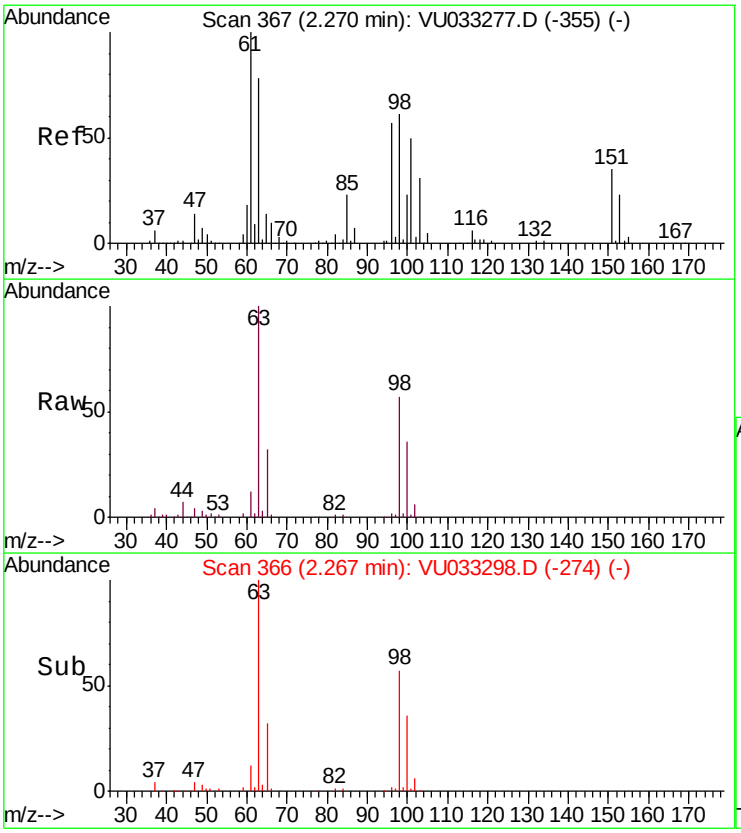
#5
Vinyl chloride
Concen: 0.350 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU033298.D
Acq: 17 Jul 2019 18:24

Instrument :
MSVOA_U
ClientSampleId :
A52R1DL2

Tgt Ion: 62 Resp: 4584

Ion	Ratio	Lower	Upper
62	100		
64	47.2	22.8	42.4#

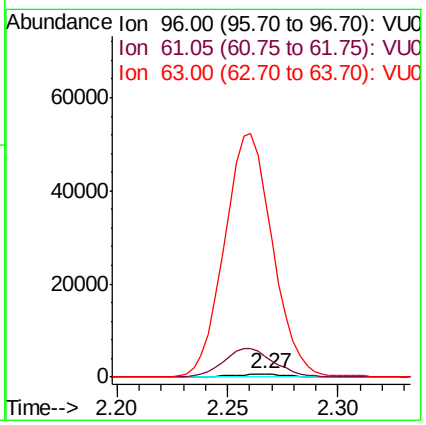


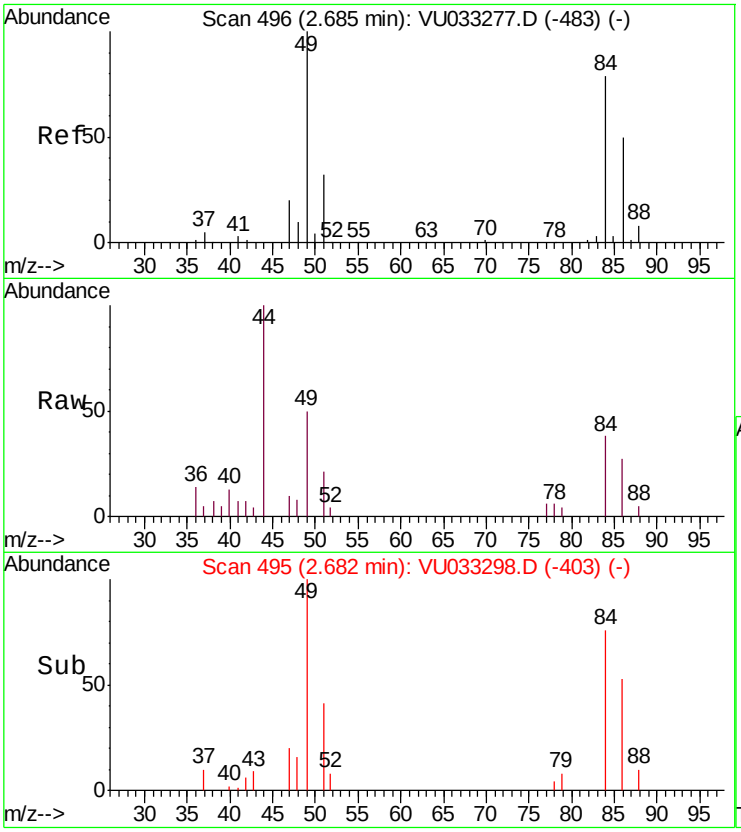


#12
1,1-Dichloroethene
Concen: 0.114 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.00 min
Lab File: VU033298.D
Acq: 17 Jul 2019 18:24

Tgt Ion: 96 Resp: 1144

Ion	Ratio	Lower	Upper
96	100		
61	710.4	129.3	240.1#
63	6091.9	108.9	202.3#



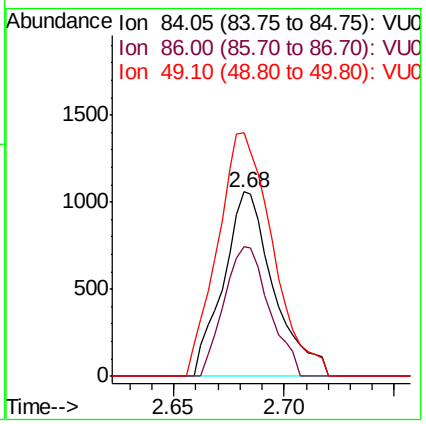


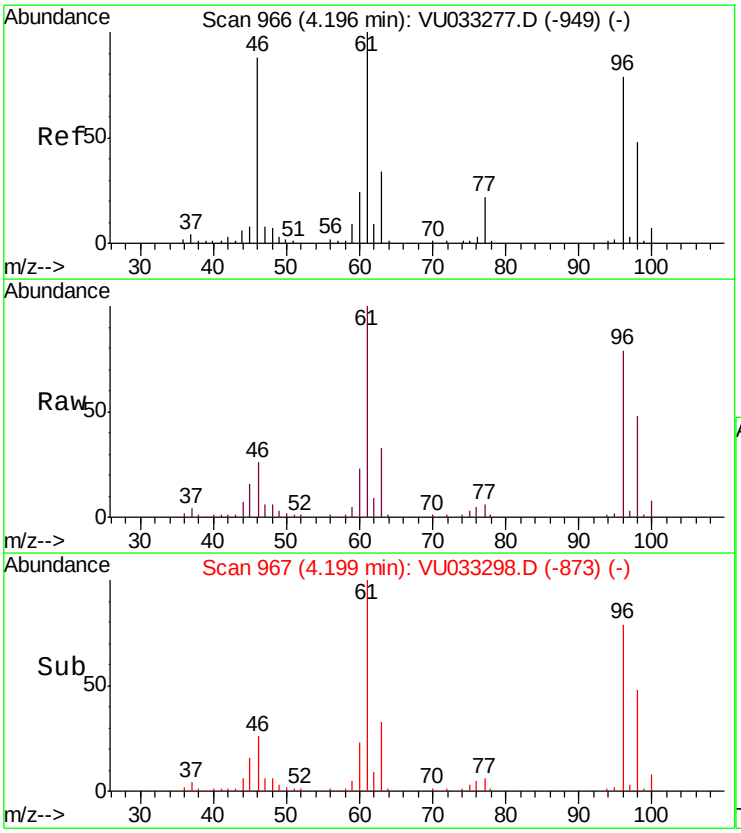
#16
Methylene chloride
Concen: 0.138 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033298.D
Acq: 17 Jul 2019 18:24

Instrument : MSVOA_U
ClientSampleId : A52R1DL2

Tgt Ion: 84 Resp: 1678

Ion	Ratio	Lower	Upper
84	100		
86	70.3	42.5	78.9
49	132.0	86.9	161.3

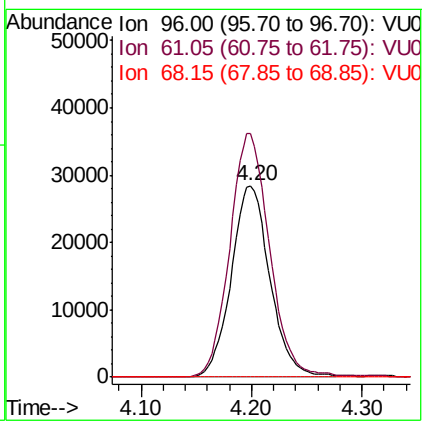


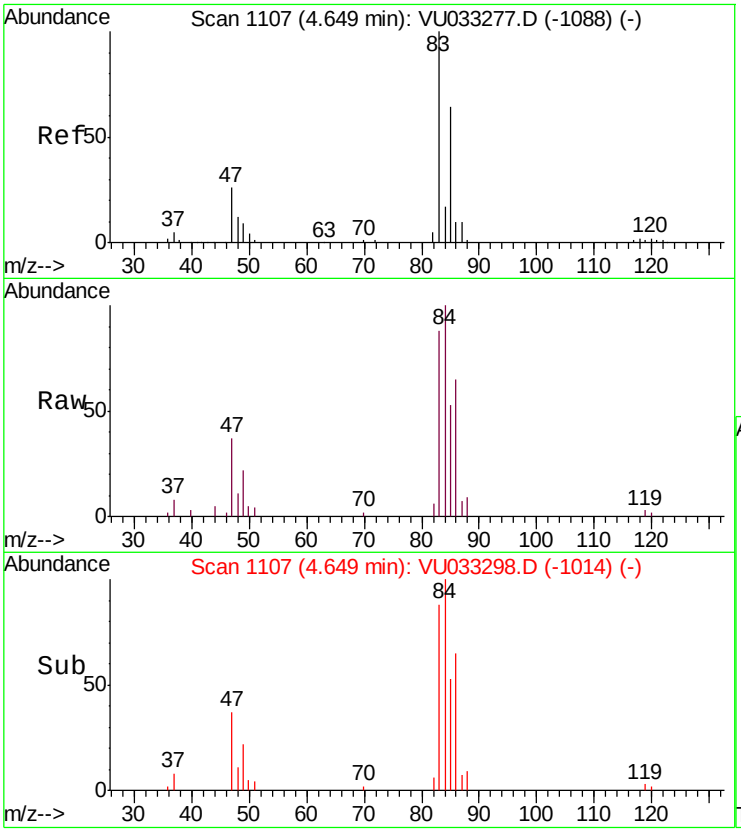


#22
cis-1,2-Dichloroethene
Concen: 7.381 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033298.D
Acq: 17 Jul 2019 18:24

Tgt Ion: 96 Resp: 68896

Ion	Ratio	Lower	Upper
96	100		
61	127.4	89.2	165.6
68	0.0	0.0	0.0



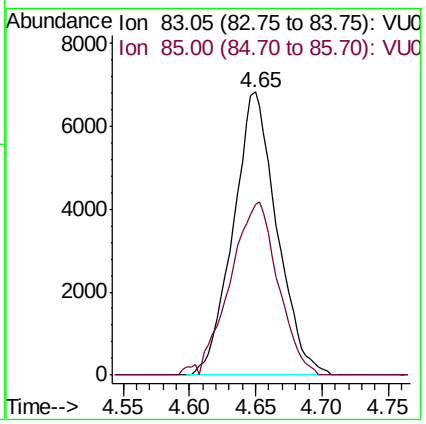


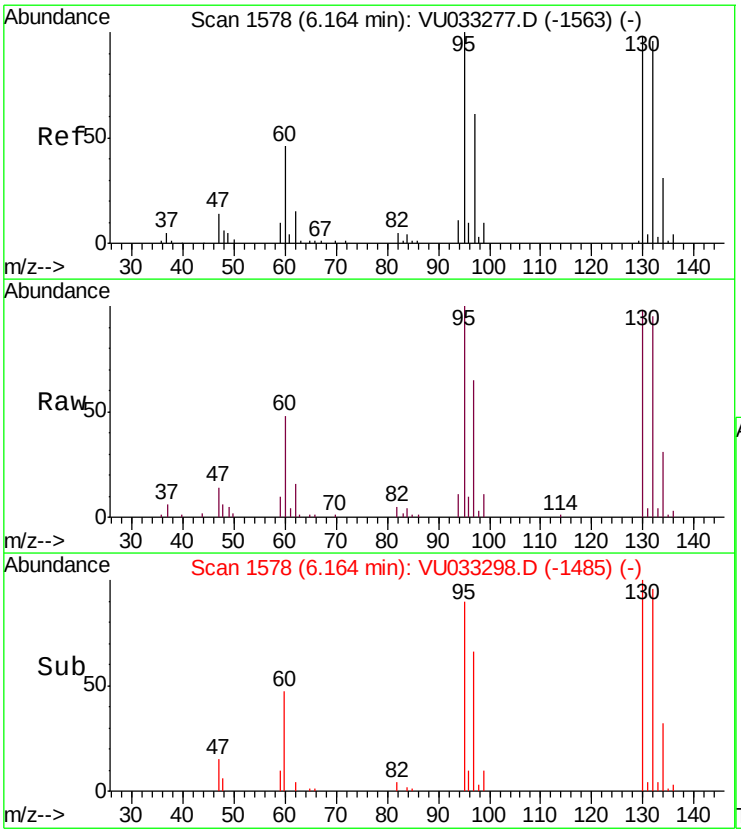
#25
Chloroform
Concen: 0.849 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033298.D
Acq: 17 Jul 2019 18:24

Instrument :
MSVOA_U
ClientSampleId :
A52R1DL2

Tgt Ion: 83 Resp: 15616

Ion	Ratio	Lower	Upper
83	100		
85	60.3	45.4	84.4

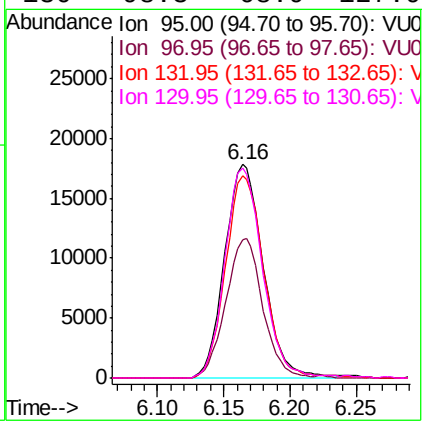


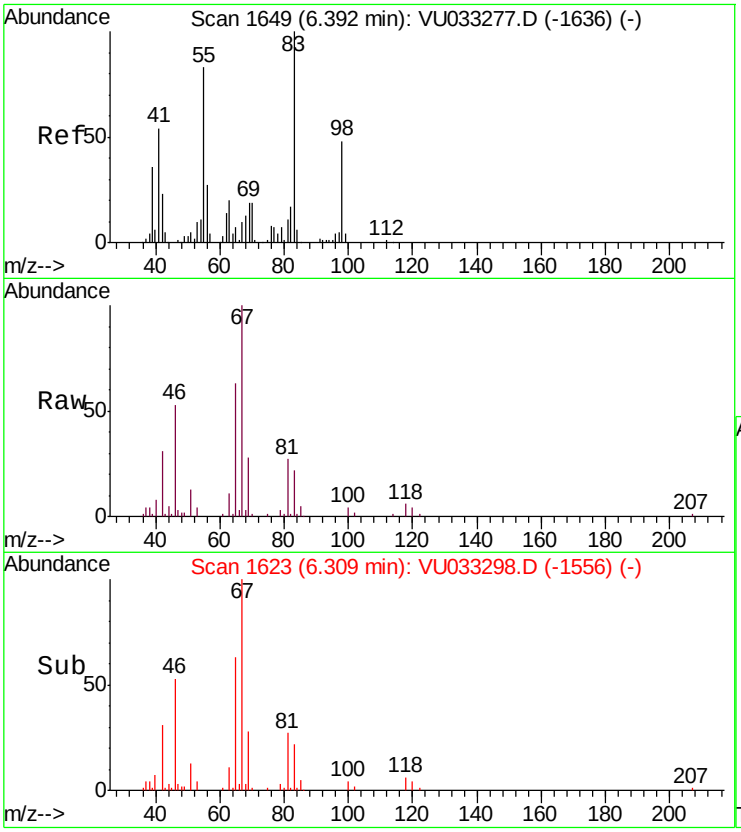


#34
Trichloroethene
Concen: 3.593 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033298.D
Acq: 17 Jul 2019 18:24

Tgt Ion: 95 Resp: 35932

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.5	82.7
132	94.8	66.6	123.8
130	98.3	68.9	127.9



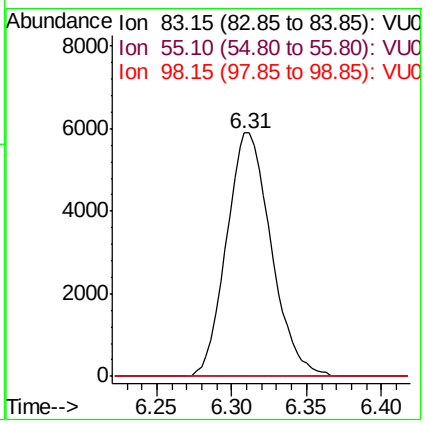


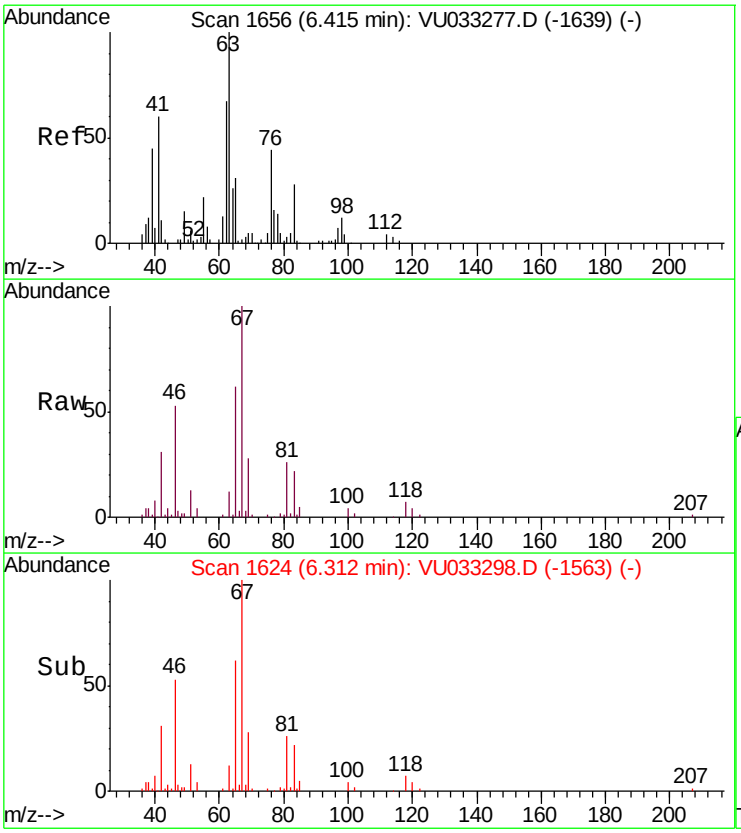
#35
Methylcyclohexane
Concen: 0.813 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU033298.D
Acq: 17 Jul 2019 18:24

Instrument :
MSVOA_U
ClientSampleId :
A52R1DL2

Tgt Ion: 83 Resp: 12249

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.0	36.2	54.2#

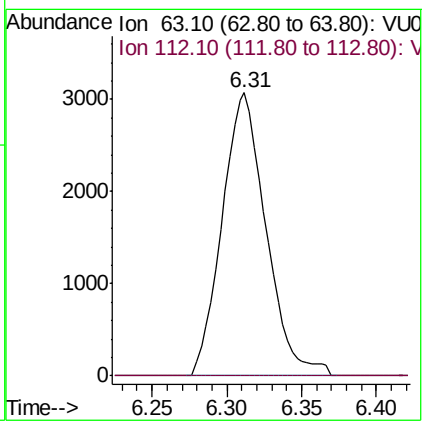


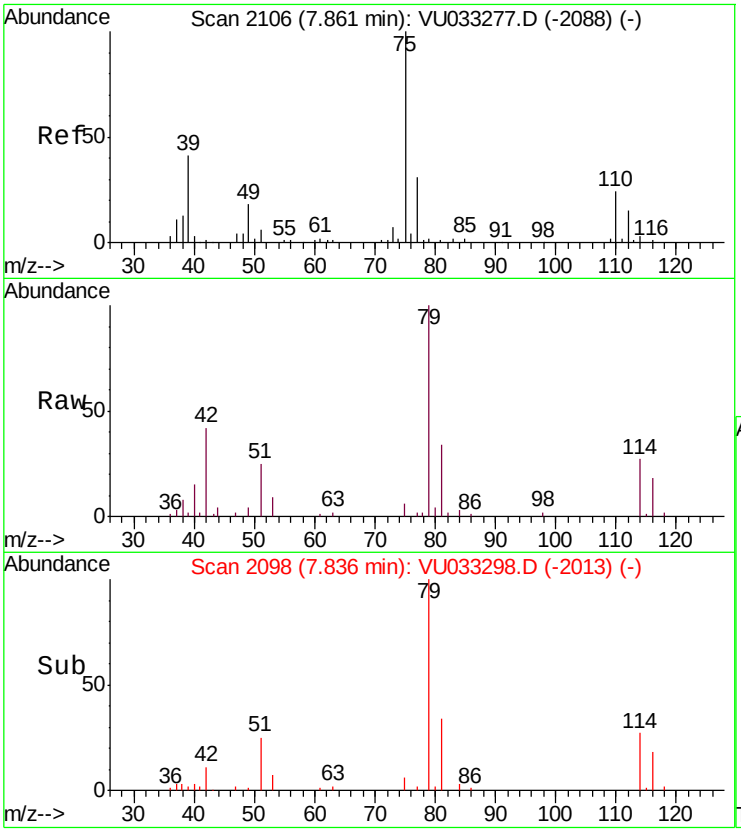


#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033298.D
Acq: 17 Jul 2019 18:24

Tgt Ion: 63 Resp: 6273

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



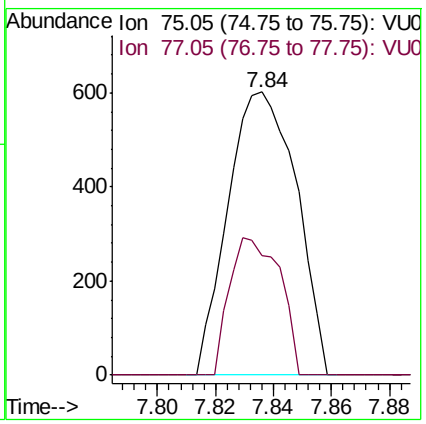


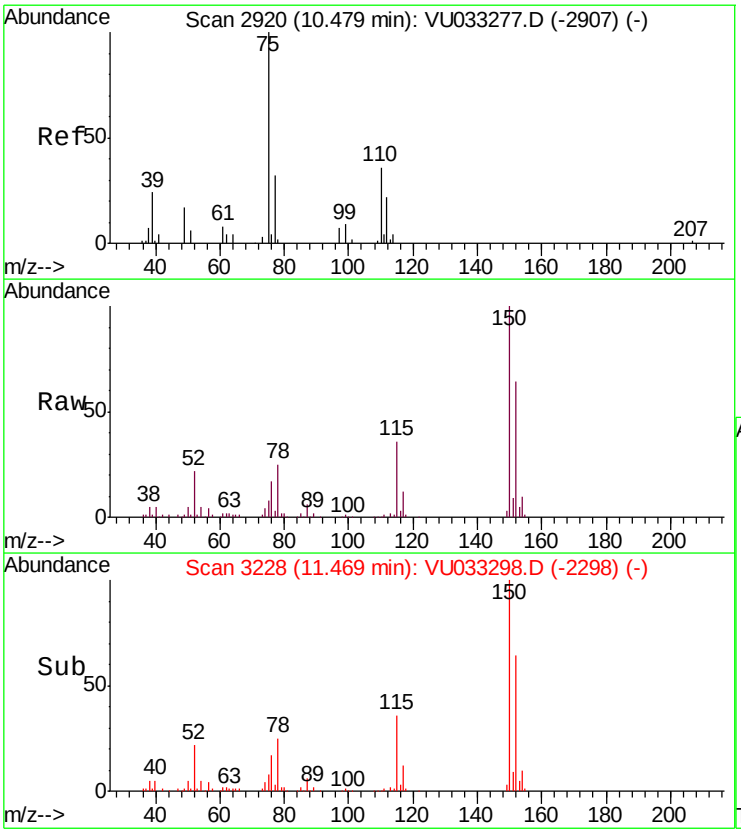
#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.84 min Scan# 2098
Delta R.T. -0.03 min
Lab File: VU033298.D
Acq: 17 Jul 2019 18:24

Instrument :
MSVOA_U
ClientSampleId :
A52R1DL2

Tgt Ion: 75 Resp: 985

Ion	Ratio	Lower	Upper
75	100		
77	42.2	21.6	40.0#





#59
1,2,3-Trichloropropane
Concen: 1.009 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033298.D
Acq: 17 Jul 2019 18:24

Tgt Ion: 75 Resp: 6726

Ion	Ratio	Lower	Upper
75	100		
77	35.3	26.5	39.7