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

Quantitation Report (Not Reviewed)

Data File : VU033290.D
Acq On : 17 Jul 2019 15:09
Operator : JC/SP
Sample : K3772-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52M8

Quant Time: Jul 18 08:06:03 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	124521	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	133836	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	55494	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	48444	3.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.20%			
7) Chloroethane-d5	1.67	69	45223	4.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.60%			
11) 1,1-Dichloroethene-d2	2.26	63	79610	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	4.17	46	98688	41.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.52%			
24) Chloroform-d	4.62	84	76640	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.80%			
26) 1,2-Dichloroethane-d4	5.29	65	46689	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.32	84	165458	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
36) 1,2-Dichloropropane-d6	6.31	67	54475	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.55	98	140926	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloropropene-	7.84	79	19810	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	8.30	63	78502	40.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.42%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	46450	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	55054	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	10532	0.844	ug/L	100
5) Vinyl chloride	1.40	62	11493	0.857	ug/L	88
8) Chloroethane	1.69	64	2643	0.308	ug/L	83
13) Acetone	2.31	43	5174	2.501	ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	153719	16.095	ug/L	95
25) Chloroform	4.65	83	10102	0.537	ug/L	97
34) Trichloroethene	6.17	95	16911	1.686	ug/L	96
35) Methylcyclohexane	6.31	83	12978	0.859	ug/L #	20
37) 1,2-Dichloropropane	6.31	63	6225	0.607	ug/L #	88
42) Toluene	7.62	91	29185	0.717	ug/L	93
44) trans-1,3-Dichloropropene	7.83	75	947	0.080	ug/L #	79
59) 1,2,3-Trichloropropane	11.47	75	7078	1.059	ug/L	89

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

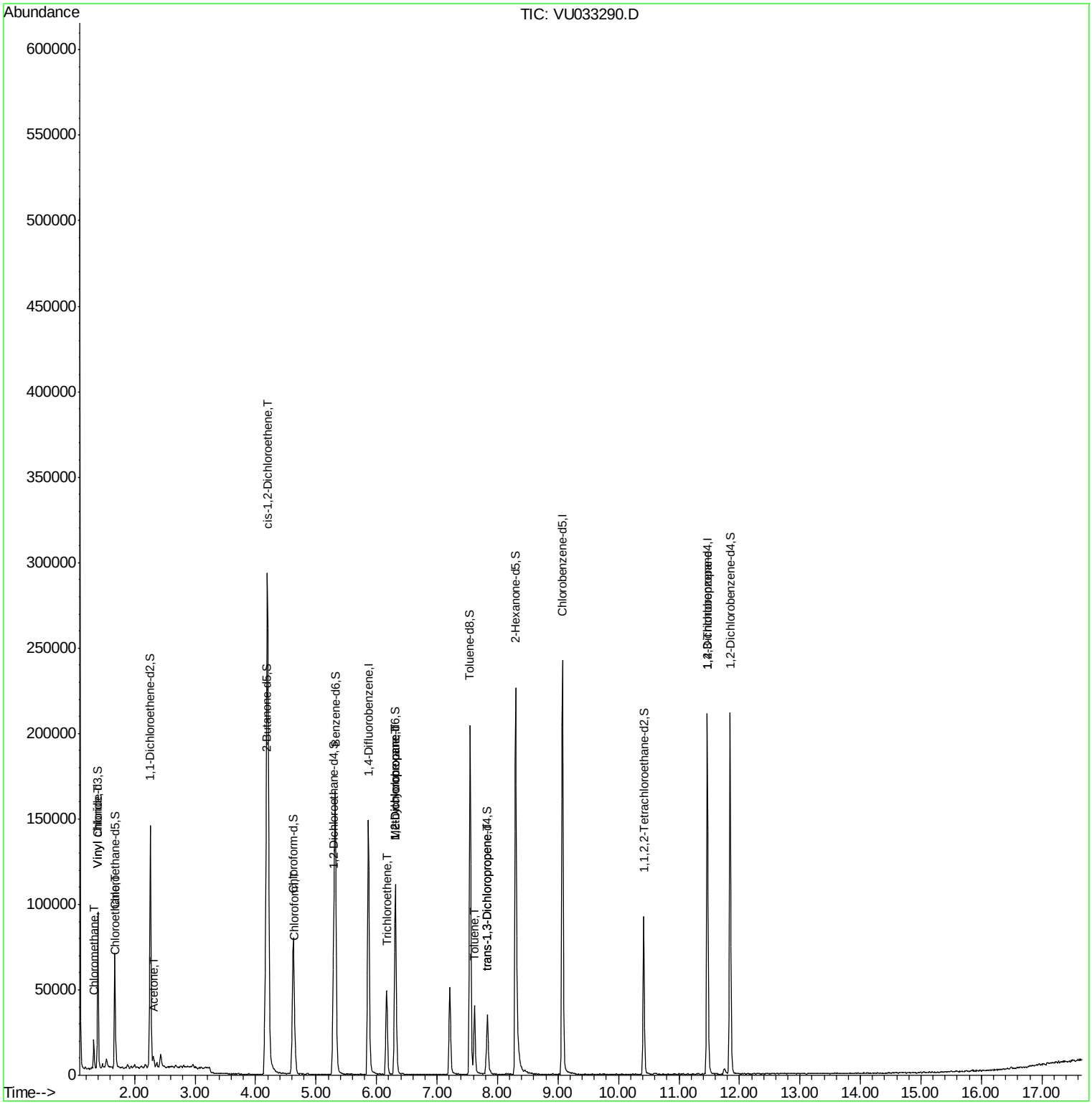
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071719\

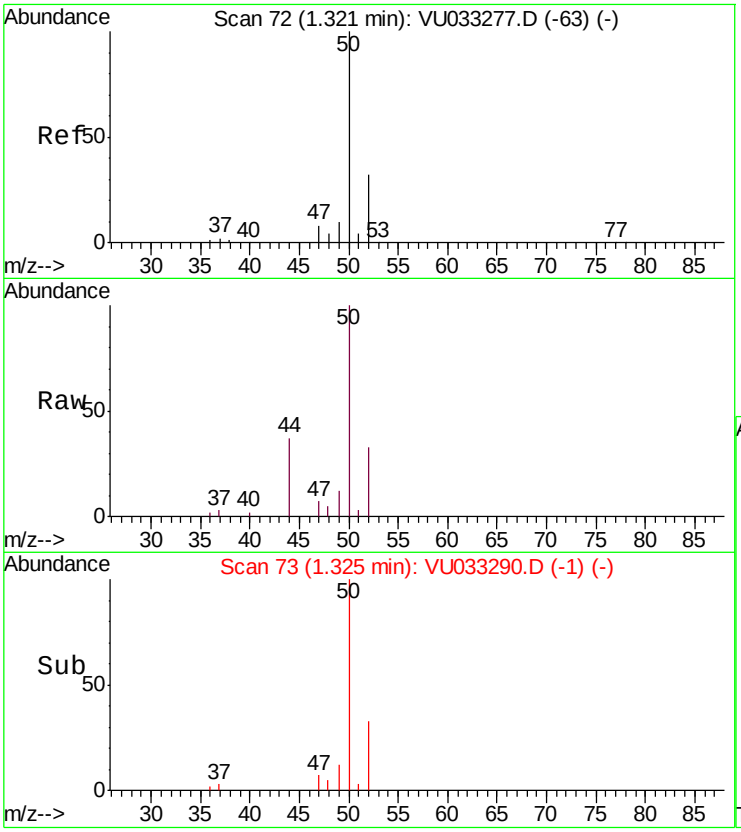
Quantitation Report (Not Reviewed)

Data File : VU033290.D
Acq On : 17 Jul 2019 15:09
Operator : JC/SP
Sample : K3772-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52M8

Quant Time: Jul 18 08:06:03 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



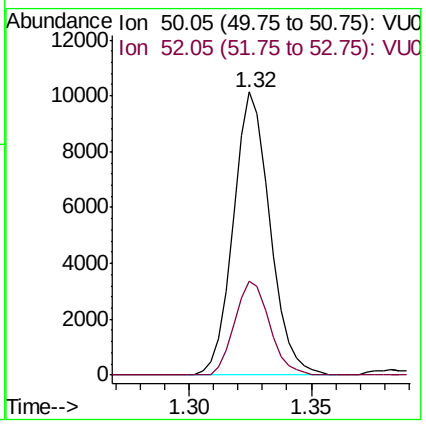


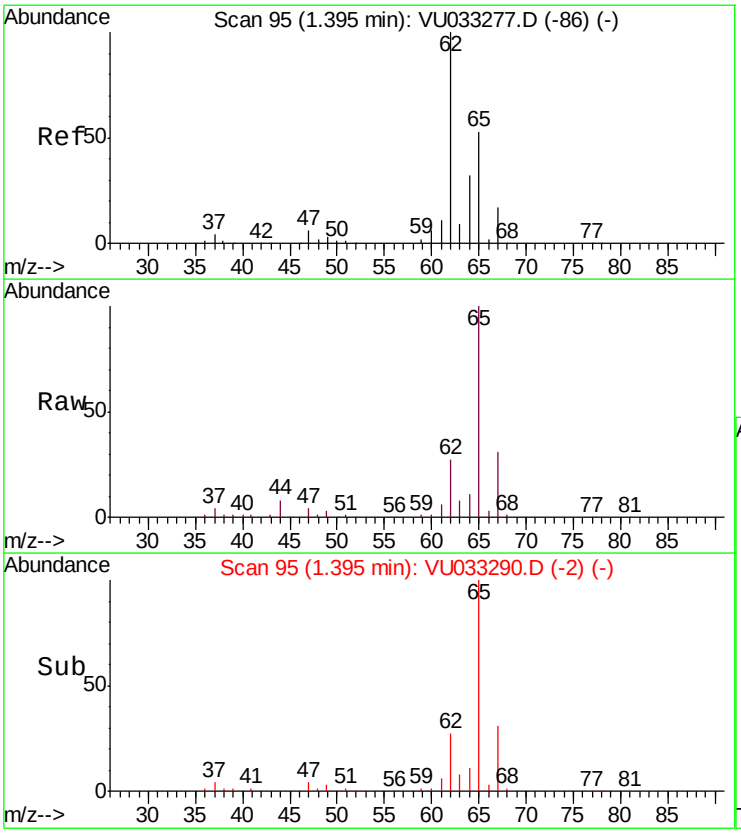
#3
Chloromethane
Concen: 0.844 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Instrument :
MSVOA_U
ClientSampleId :
A52M8

Tgt Ion: 50 Resp: 10532

Ion	Ratio	Lower	Upper
50	100		
52	33.3	23.3	43.3

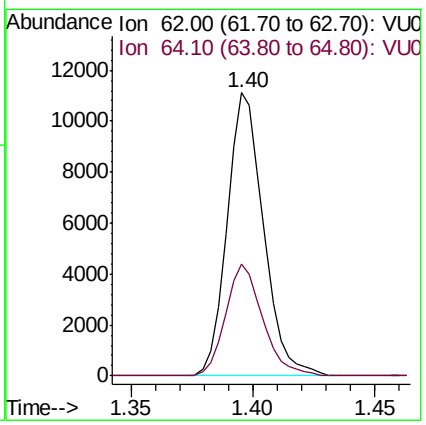


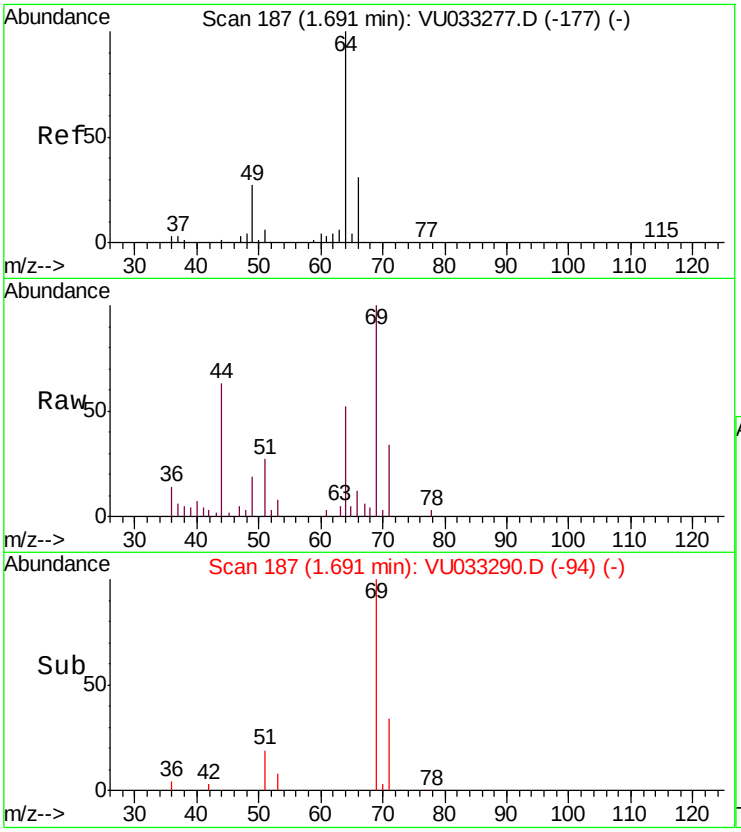


#5
Vinyl chloride
Concen: 0.857 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.00 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Tgt Ion: 62 Resp: 11493

Ion	Ratio	Lower	Upper
62	100		
64	39.6	22.8	42.4



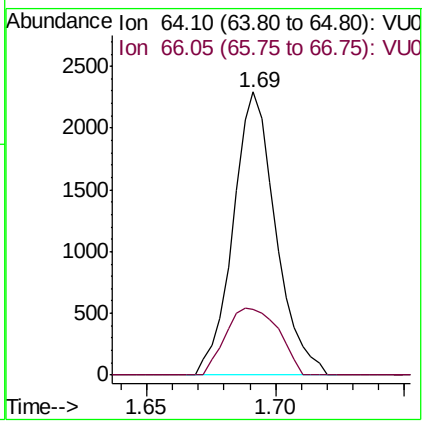


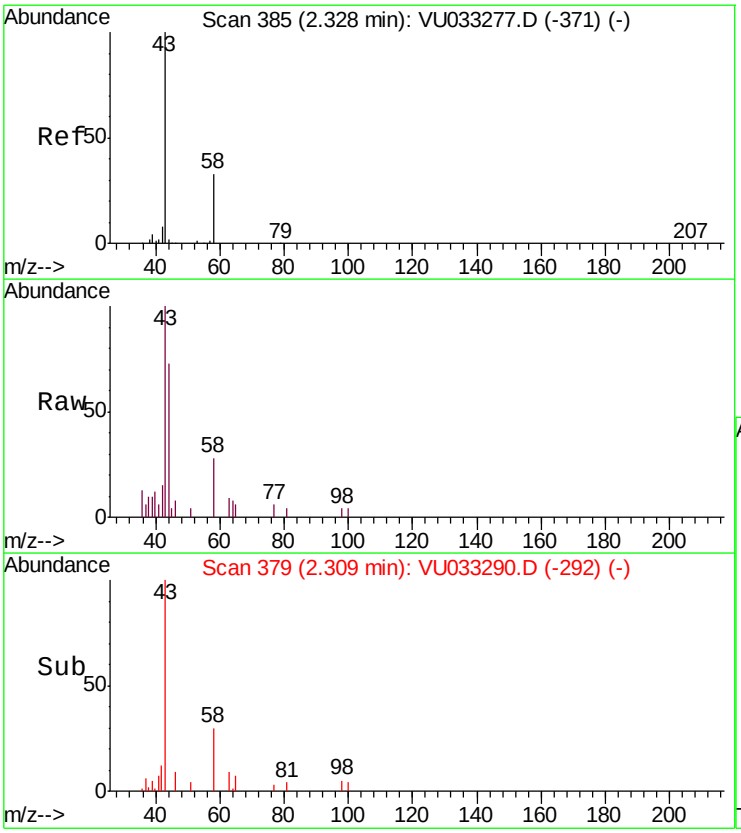
#8
Chloroethane
Concen: 0.308 ug/L
RT: 1.69 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Instrument : MSVOA_U
ClientSampleId : A52M8

Tgt Ion: 64 Resp: 2643

Ion	Ratio	Lower	Upper
64	100		
66	23.4	23.2	43.2

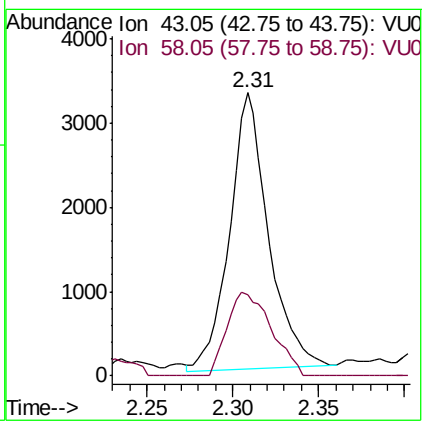


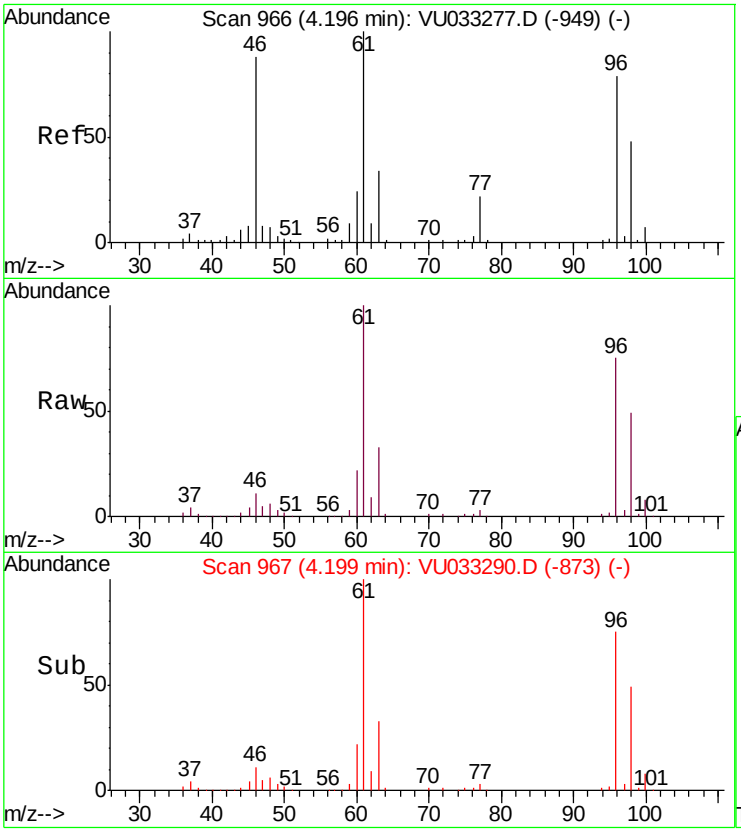


#13
Acetone
Concen: 2.501 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.02 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Tgt Ion: 43 Resp: 5174

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	66.6



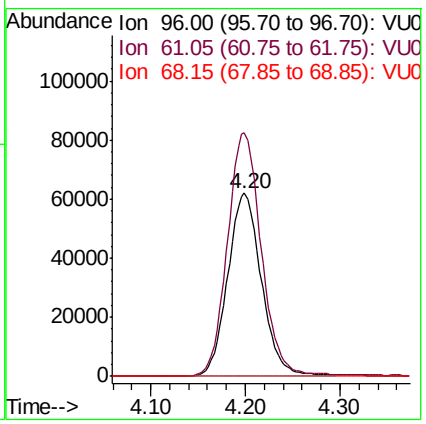


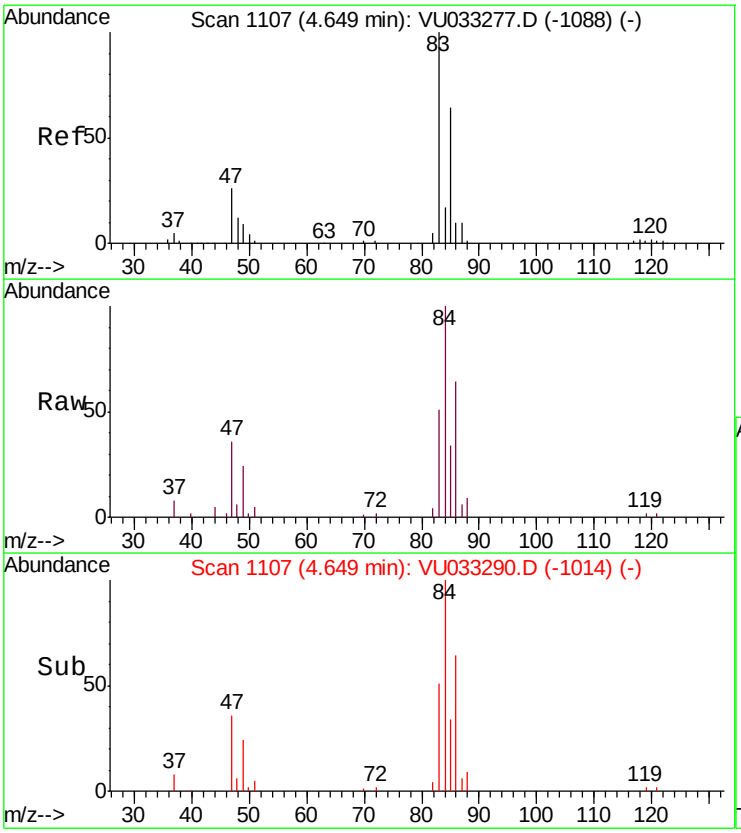
#22
cis-1,2-Dichloroethene
Concen: 16.095 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Instrument :
MSVOA_U
ClientSampleId :
A52M8

Tgt Ion: 96 Resp: 153719

Ion	Ratio	Lower	Upper
96	100		
61	133.1	89.2	165.6
68	0.0	0.0	0.0

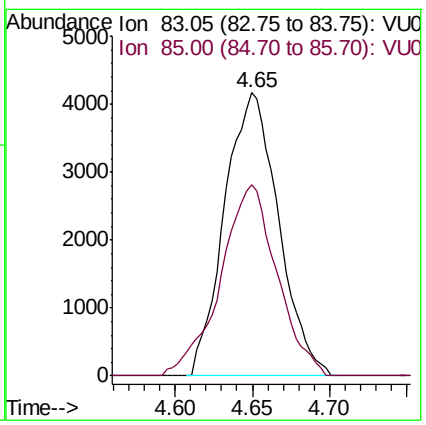


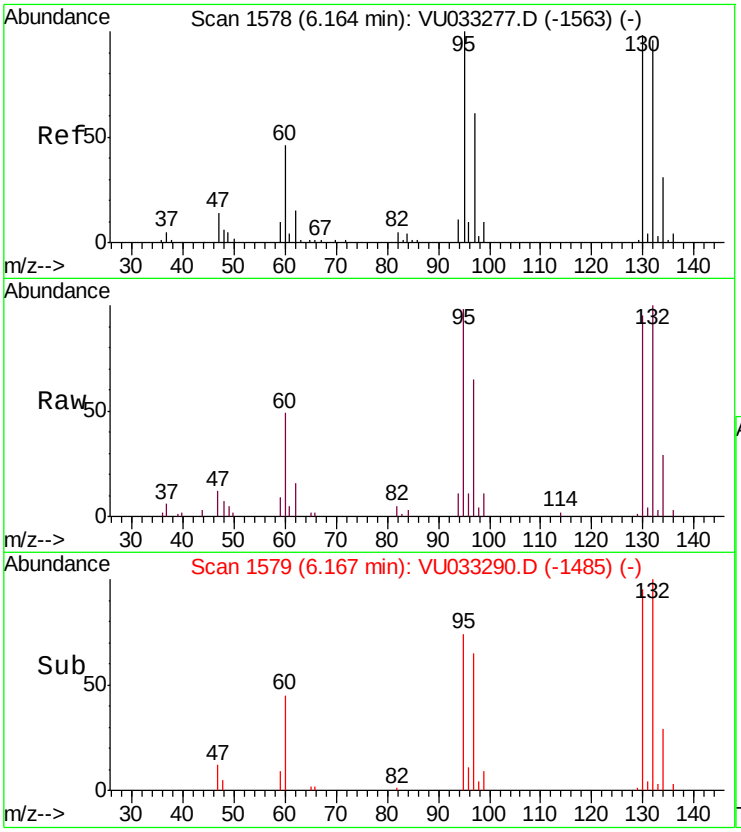


#25
Chloroform
Concen: 0.537 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Tgt Ion: 83 Resp: 10102

Ion	Ratio	Lower	Upper
83	100		
85	67.6	45.4	84.4



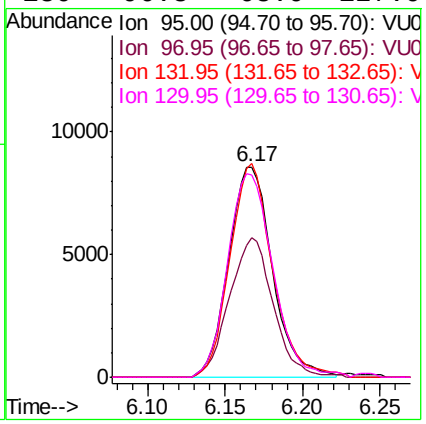


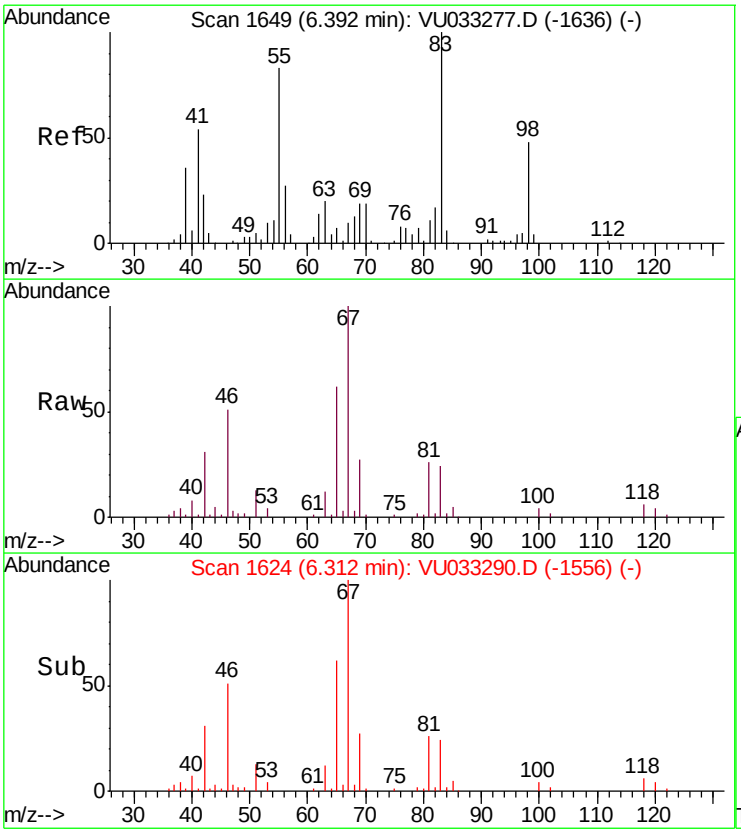
#34
Trichloroethene
Concen: 1.686 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Instrument :
MSVOA_U
ClientSampleId :
A52M8

Tgt Ion: 95 Resp: 16911

Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.5	82.7
132	101.6	66.6	123.8
130	96.3	68.9	127.9

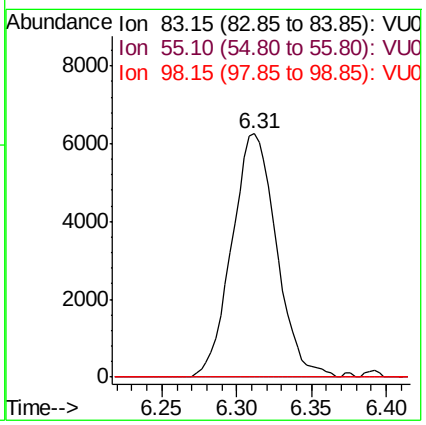


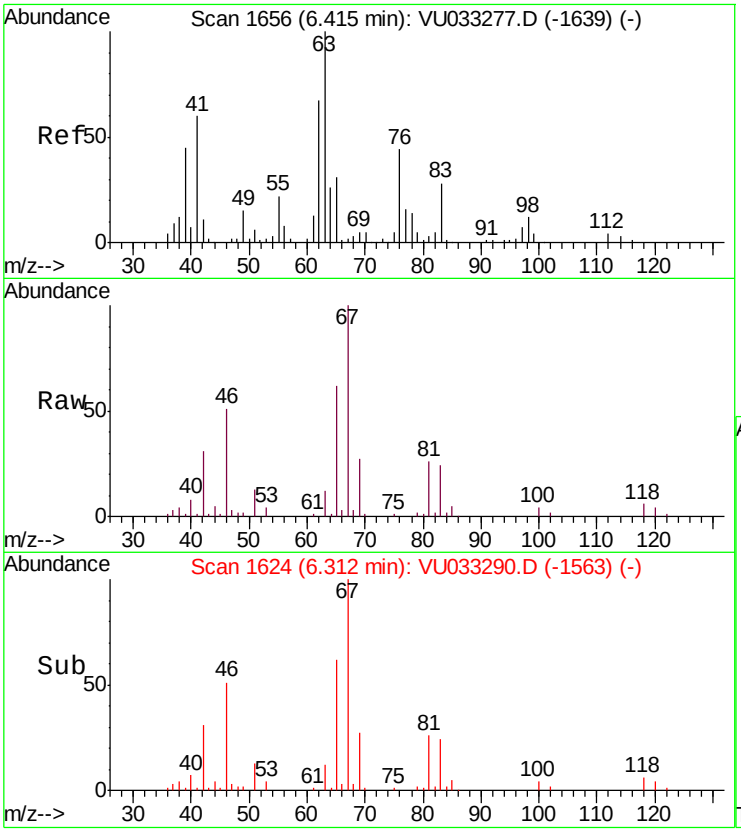


#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Tgt Ion: 83 Resp: 12978

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	3.2	36.2	54.2#



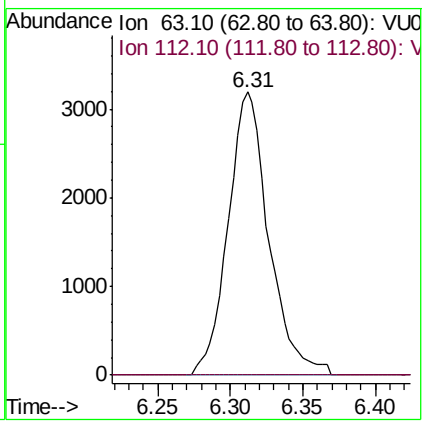


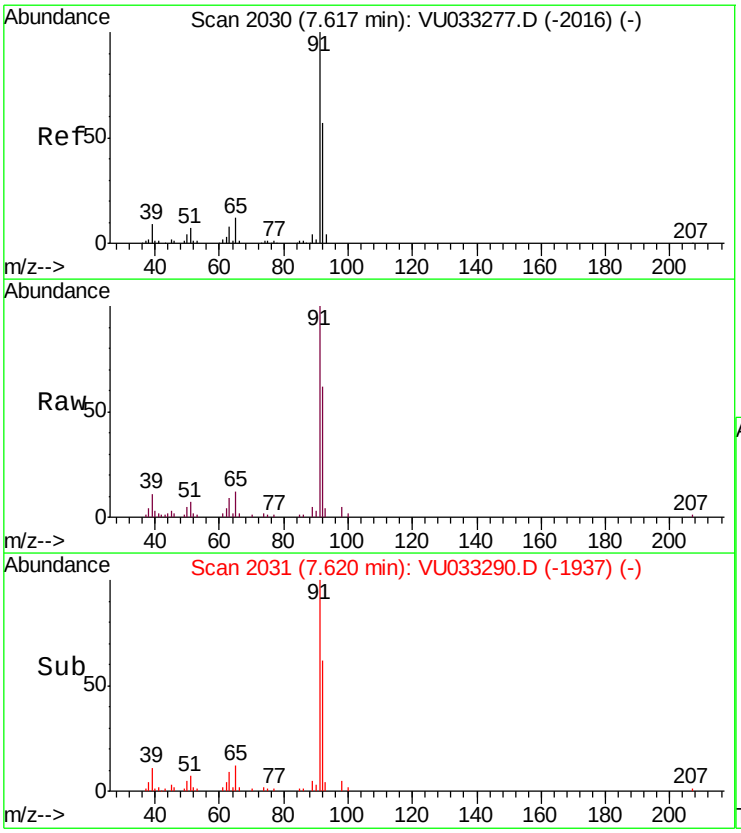
#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Instrument : MSVOA_U
ClientSampleId : A52M8

Tgt Ion: 63 Resp: 6225

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

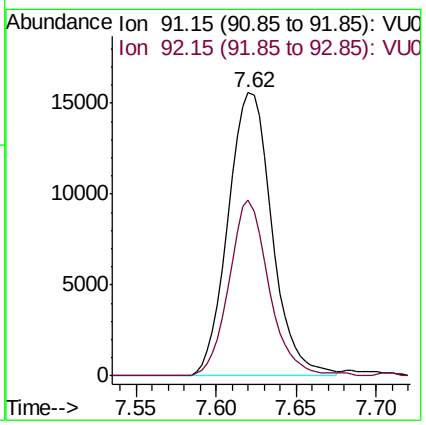


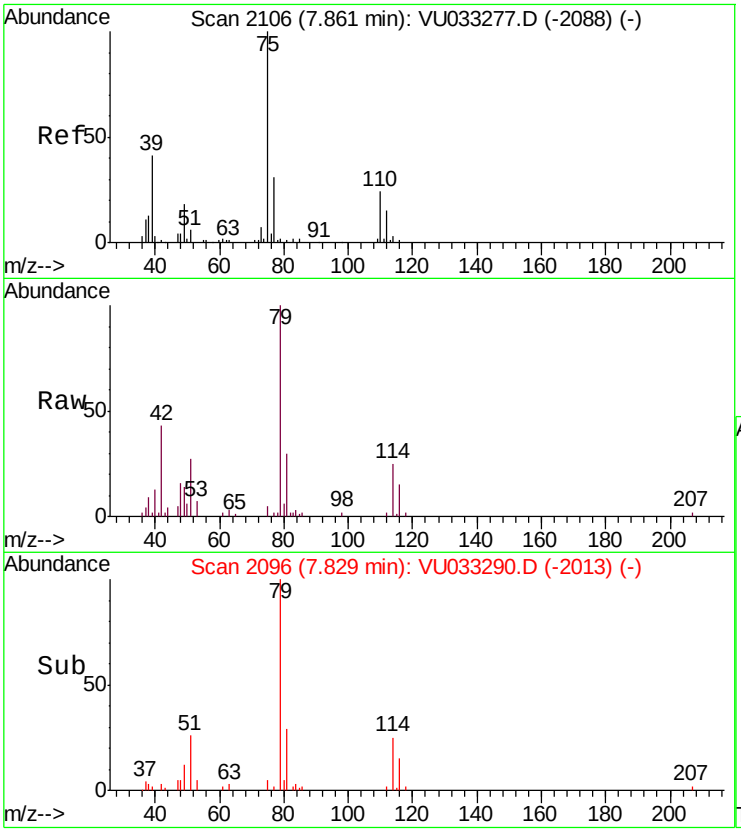


#42
Toluene
Concen: 0.717 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Tgt Ion: 91 Resp: 29185

Ion	Ratio	Lower	Upper
91	100		
92	62.0	40.0	74.2



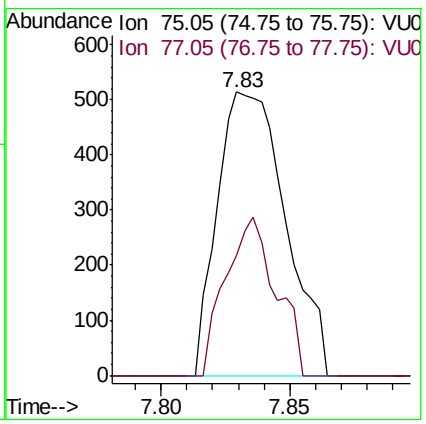


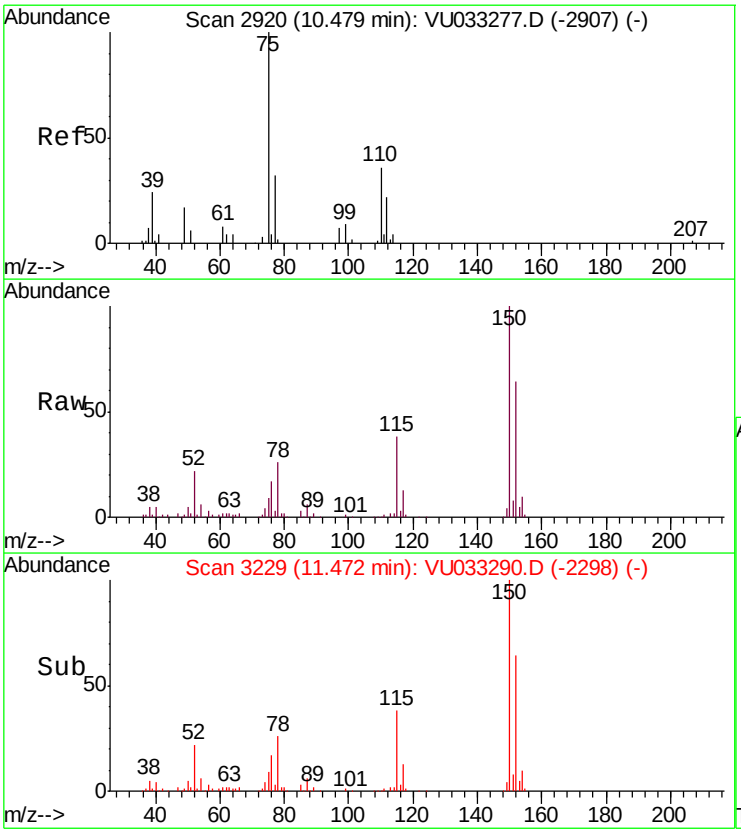
#44
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Instrument :
MSVOA_U
ClientSampleId :
A52M8

Tgt Ion: 75 Resp: 947

Ion	Ratio	Lower	Upper
75	100		
77	42.4	21.6	40.0#





#59
1,2,3-Trichloropropane
Concen: 1.059 ug/L
RT: 11.47 min Scan# 3229
Delta R.T. 0.99 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Tgt Ion: 75 Resp: 7078

Ion	Ratio	Lower	Upper
75	100		
77	39.2	26.5	39.7