Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

Quantitation Report (Not Reviewed)

Data File : VU032941.D
Acq On : 21 Jun 2019 13:43
Operator : JC/SP
Sample : K3463-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-5-9.0-062019

Quant Time: Jun 22 00:35:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	187419	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184423	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87496	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	48898	38.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.36%			
7) Chloroethane-d5	1.68	69	43487	42.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.14%			
11) 1,1-Dichloroethene-d2	2.26	63	77211	29.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.84%#			
21) 2-Butanone-d5	4.17	46	113529	106.49	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.49%			
24) Chloroform-d	4.64	84	114426	45.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.90%			
26) 1,2-Dichloroethane-d4	5.30	65	80788	48.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.42%			
32) Benzene-d6	5.34	84	211052	43.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	6.33	67	73046	47.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.40%			
41) Toluene-d8	7.56	98	187430	41.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.26%			
43) trans-1,3-Dichloropropene-	7.85	79	34810	43.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.40%			
47) 2-Hexanone-d5	8.31	63	68328	95.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.55%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	109478	46.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.48%			
64) 1,2-Dichlorobenzene-d4	11.86	152	80064	47.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.58%			

Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	1594	0.937	ug/L #	33
8) Chloroethane	1.40	64	1134	1.158	ug/L #	1
12) 1,1-Dichloroethene	2.27	96	669	0.567	ug/L #	1
13) Acetone	2.32	43	3591	2.439	ug/L	85
20) cis-1,2-Dichloroethene	4.22	96	73016	52.368	ug/L	97
27) 1,2-Dichloroethane	5.34	62	1241	0.600	ug/L #	77
33) Benzene	5.38	78	2236	0.421	ug/L	100
34) Trichloroethene	6.18	95	109749	77.316	ug/L	99
37) 1,2-Dichloropropane	6.32	63	8547	5.865	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2383	1.050	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1854	0.869	ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	11714	6.023	ug/L	91

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

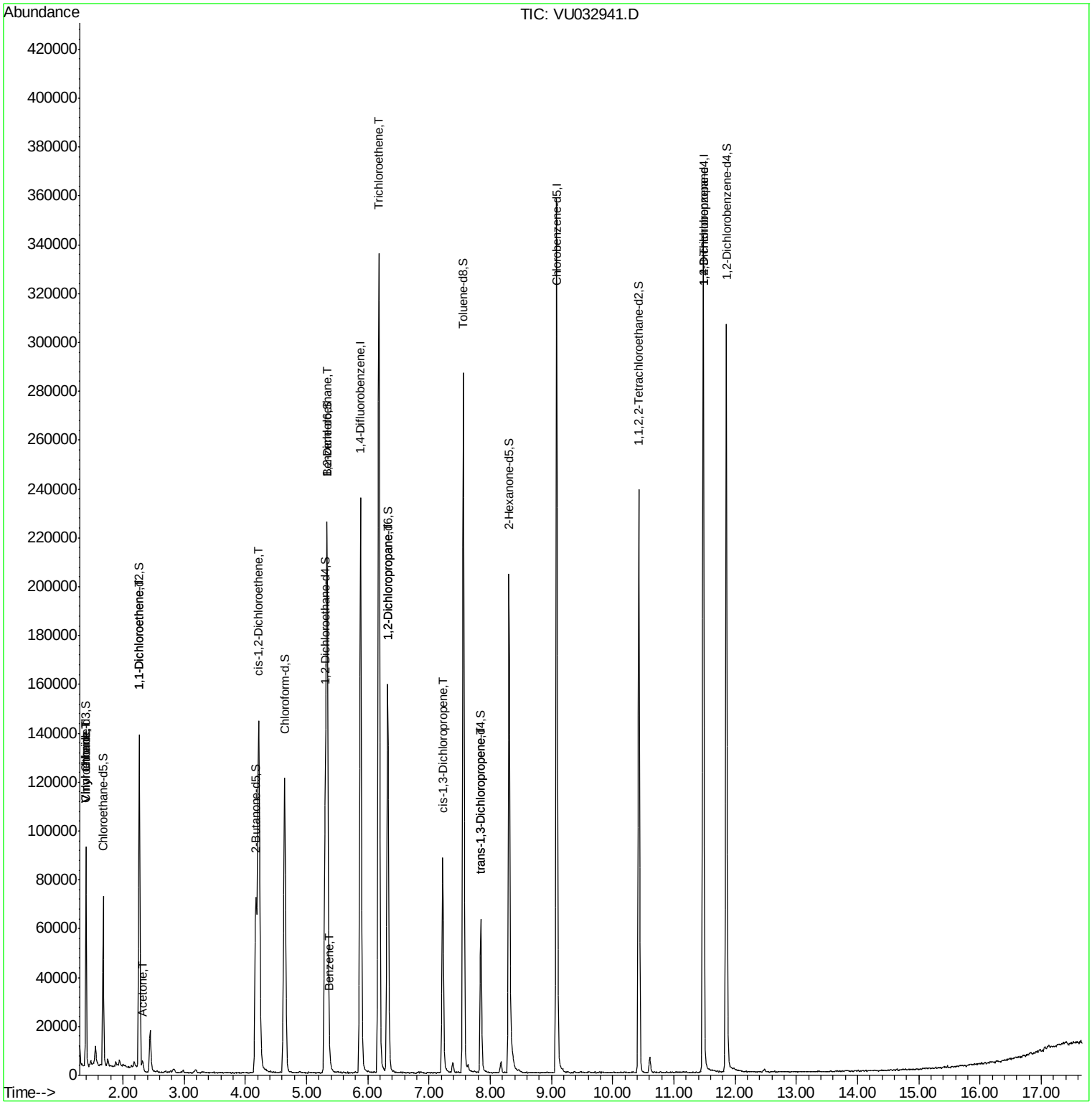
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

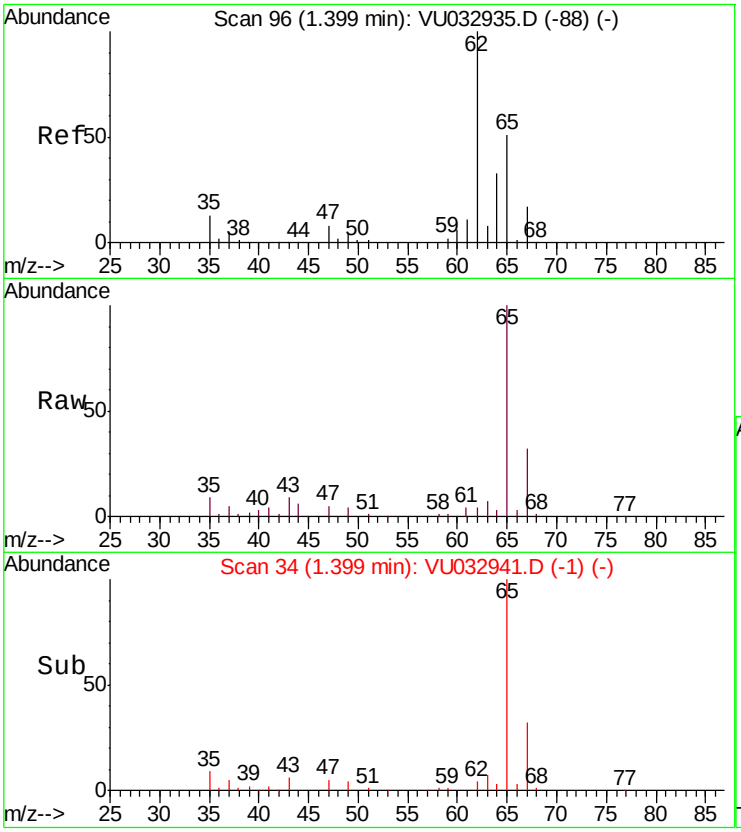
Quantitation Report (Not Reviewed)

Data File : VU032941.D
Acq On : 21 Jun 2019 13:43
Operator : JC/SP
Sample : K3463-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-5-9.0-062019

Quant Time: Jun 22 00:35:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration



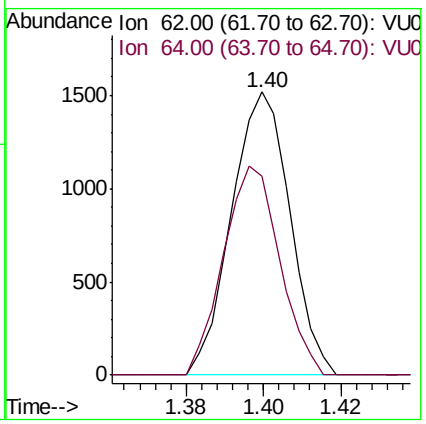


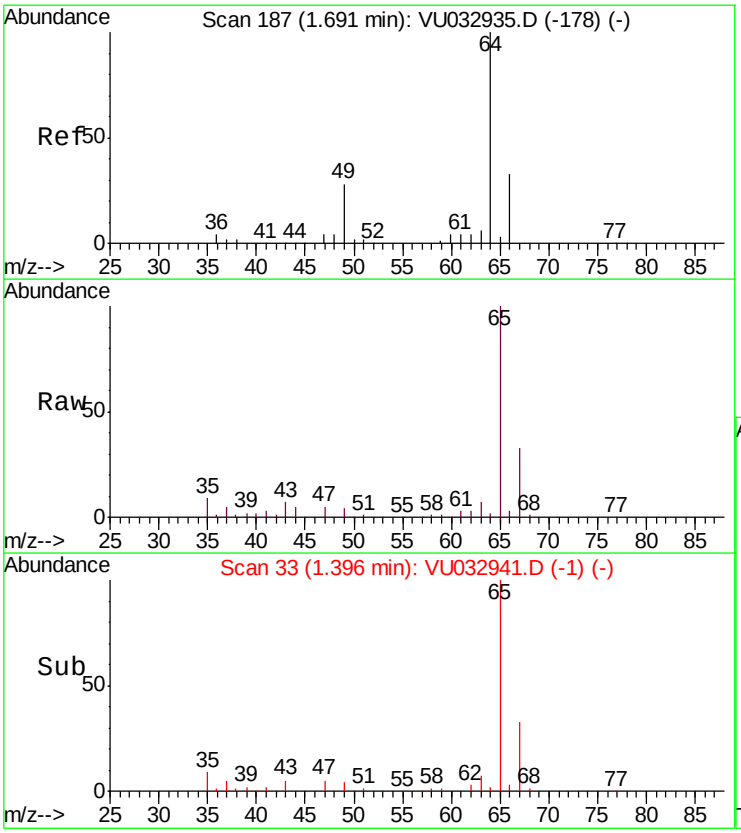
#5
Vinyl chloride
Concen: 0.937 ug/L
RT: 1.40 min Scan# 34
Delta R.T. 0.00 min
Lab File: VU032941.D
Acq: 21 Jun 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-5-9.0-062019

Tgt Ion: 62 Resp: 1594

Ion	Ratio	Lower	Upper
62	100		
64	70.3	23.0	42.6#

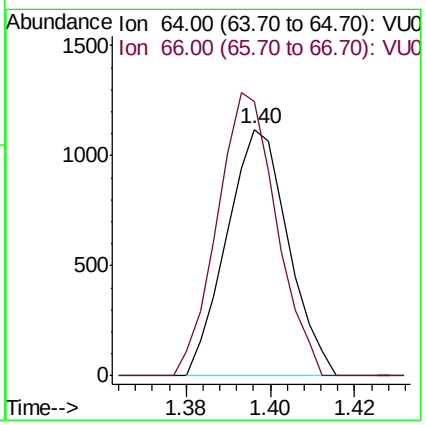


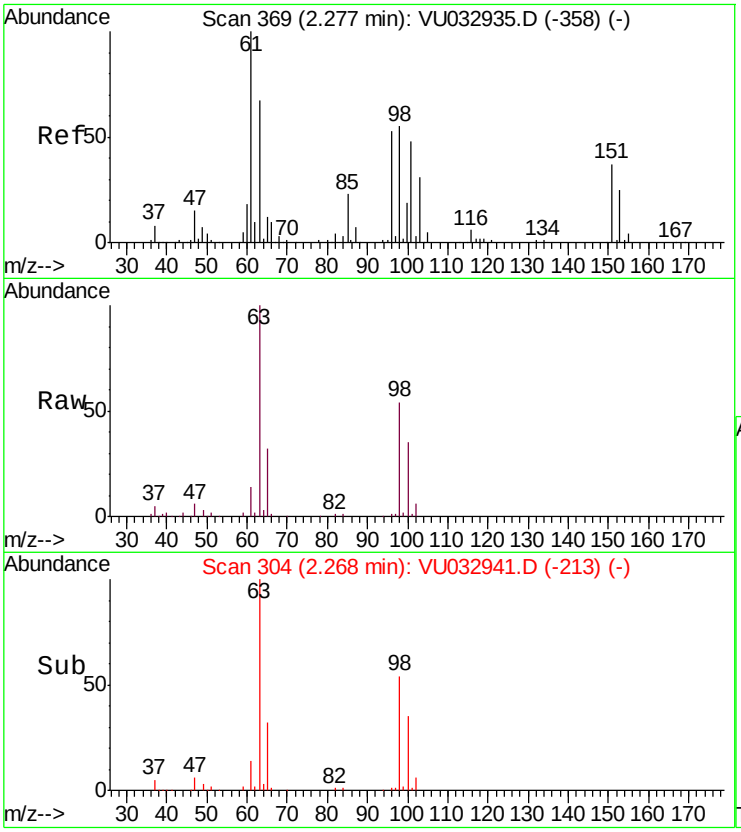


#8
Chloroethane
Concen: 1.158 ug/L
RT: 1.40 min Scan# 33
Delta R.T. -0.30 min
Lab File: VU032941.D
Acq: 21 Jun 2019 13:43

Tgt Ion: 64 Resp: 1134

Ion	Ratio	Lower	Upper
64	100		
66	111.0	22.5	41.7#



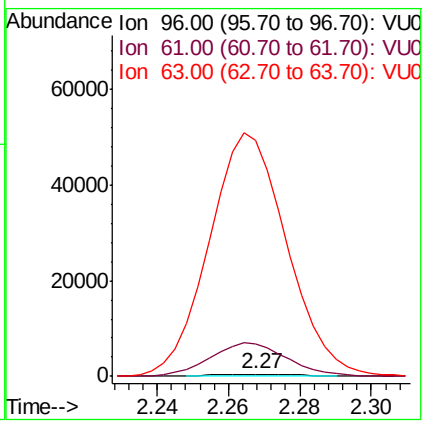


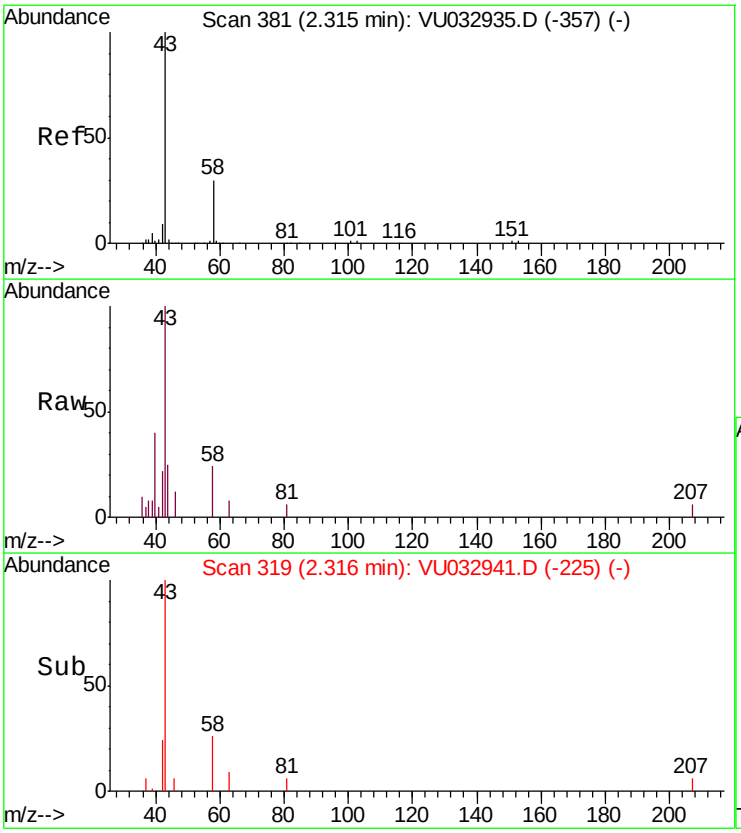
#12
1,1-Dichloroethene
Concen: 0.567 ug/L
RT: 2.27 min Scan# 304
Delta R.T. -0.01 min
Lab File: VU032941.D
Acq: 21 Jun 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-5-9.0-062019

Tgt Ion: 96 Resp: 669

Ion	Ratio	Lower	Upper
96	100		
61	1675.1	131.0	243.4#
63	12159.6	101.0	187.6#

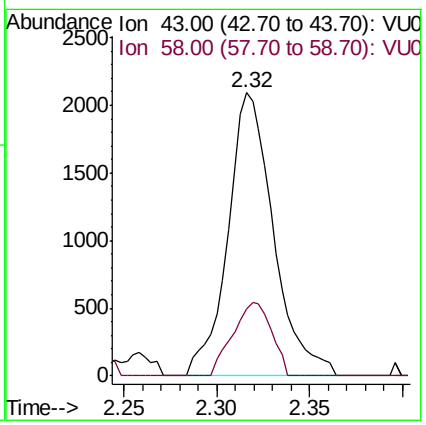


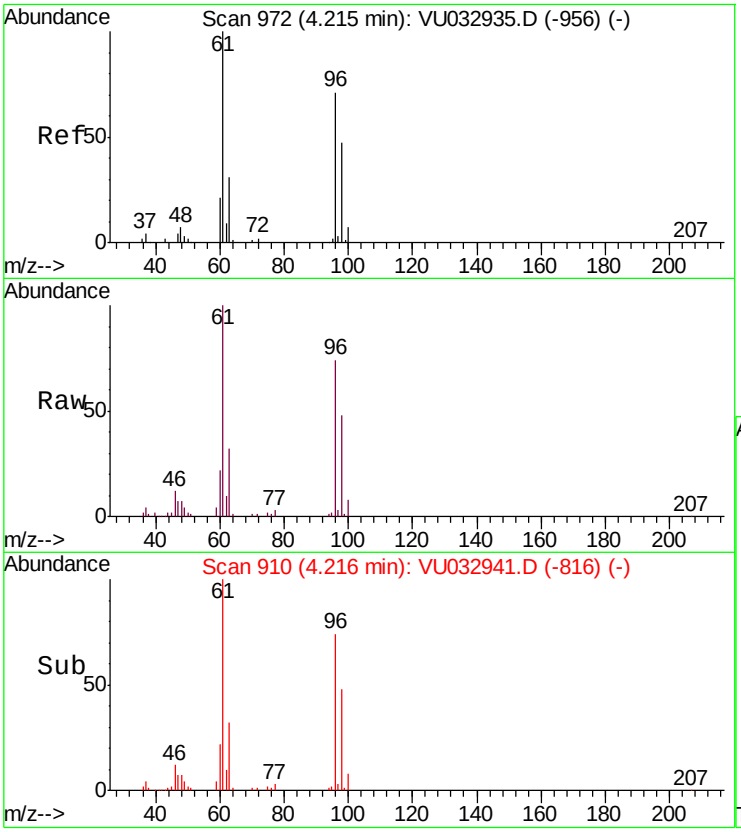


#13
Acetone
Concen: 2.439 ug/L
RT: 2.32 min Scan# 319
Delta R.T. 0.00 min
Lab File: VU032941.D
Acq: 21 Jun 2019 13:43

Tgt Ion: 43 Resp: 3591

Ion	Ratio	Lower	Upper
43	100		
58	22.0	0.0	60.6



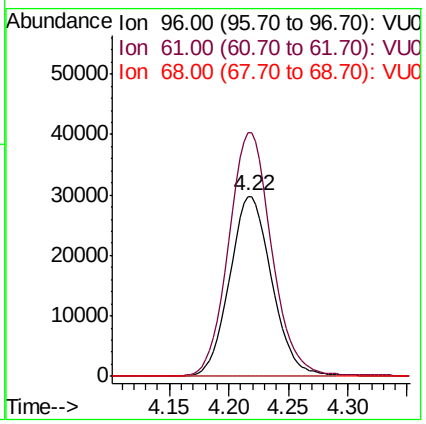


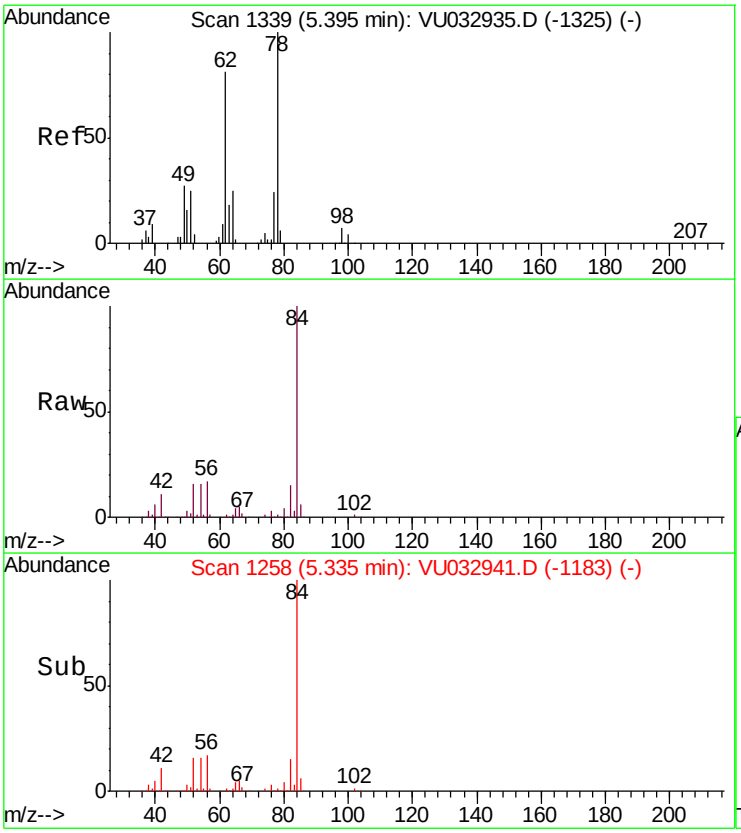
#20
cis-1,2-Dichloroethene
Concen: 52.368 ug/L
RT: 4.22 min Scan# 910
Delta R.T. 0.00 min
Lab File: VU032941.D
Acq: 21 Jun 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-5-9.0-062019

Tgt Ion: 96 Resp: 73016

Ion	Ratio	Lower	Upper
96	100		
61	135.4	92.4	171.6
68	0.0	0.0	0.0

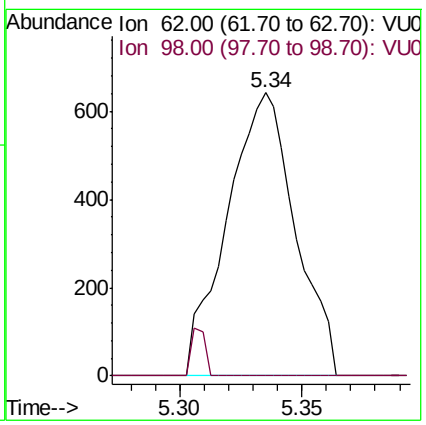


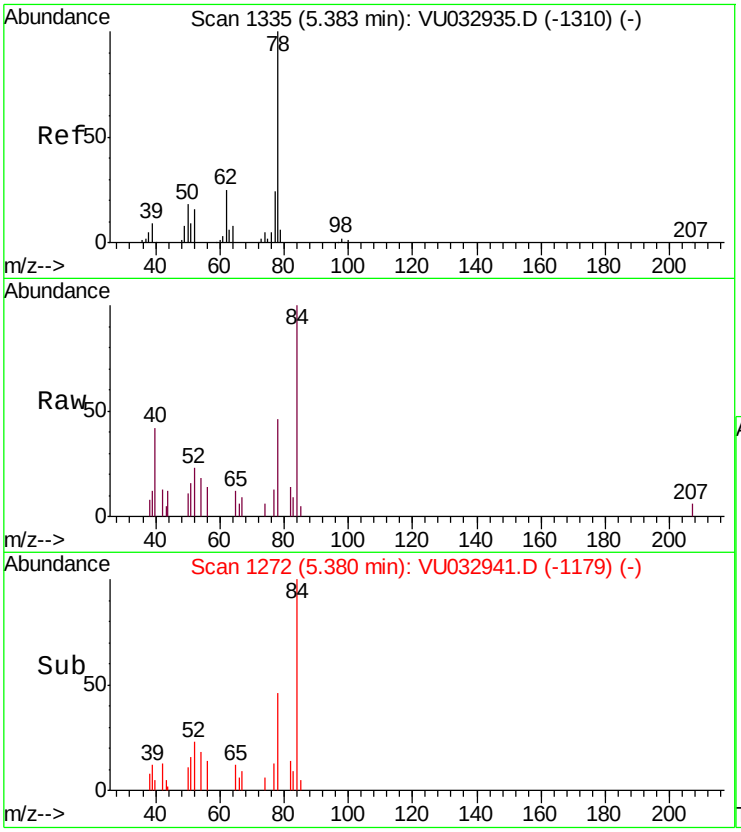


#27
1,2-Dichloroethane
Concen: 0.600 ug/L
RT: 5.34 min Scan# 1258
Delta R.T. -0.06 min
Lab File: VU032941.D
Acq: 21 Jun 2019 13:43

Tgt Ion: 62 Resp: 1241

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

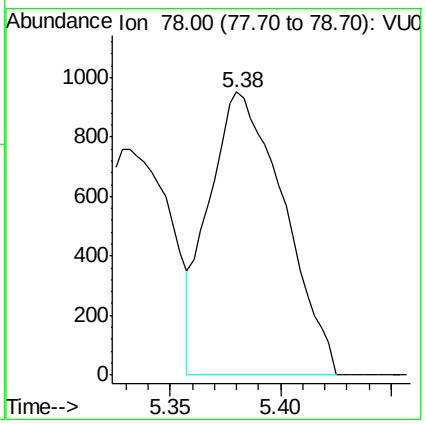


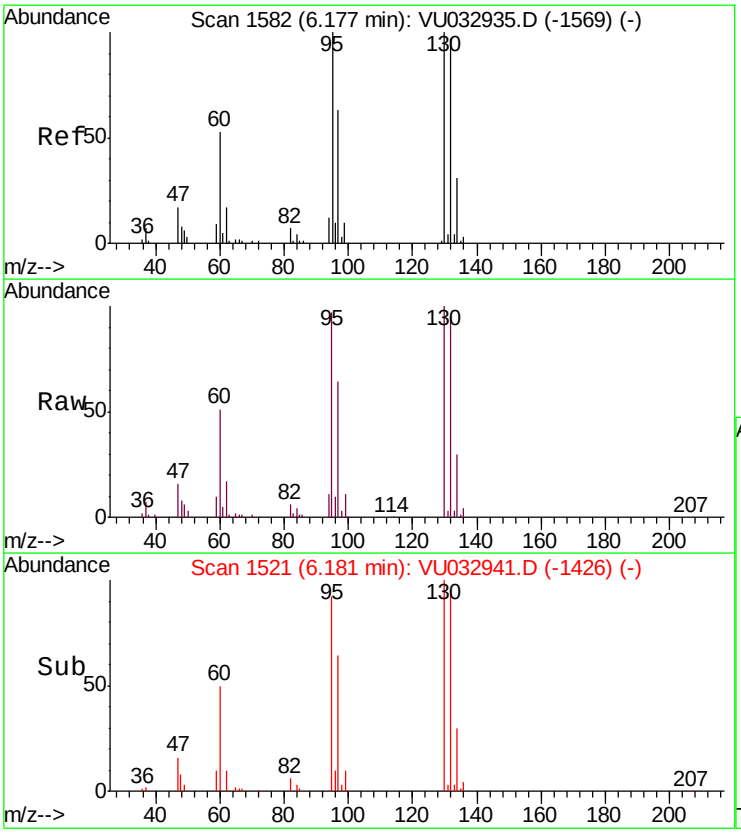


#33
Benzene
Concen: 0.421 ug/L
RT: 5.38 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU032941.D
Acq: 21 Jun 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-5-9.0-062019

Tgt Ion: 78 Resp: 2236

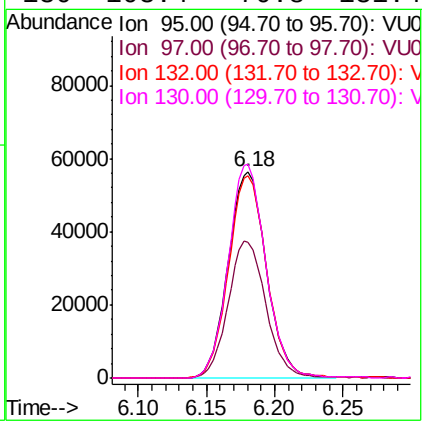


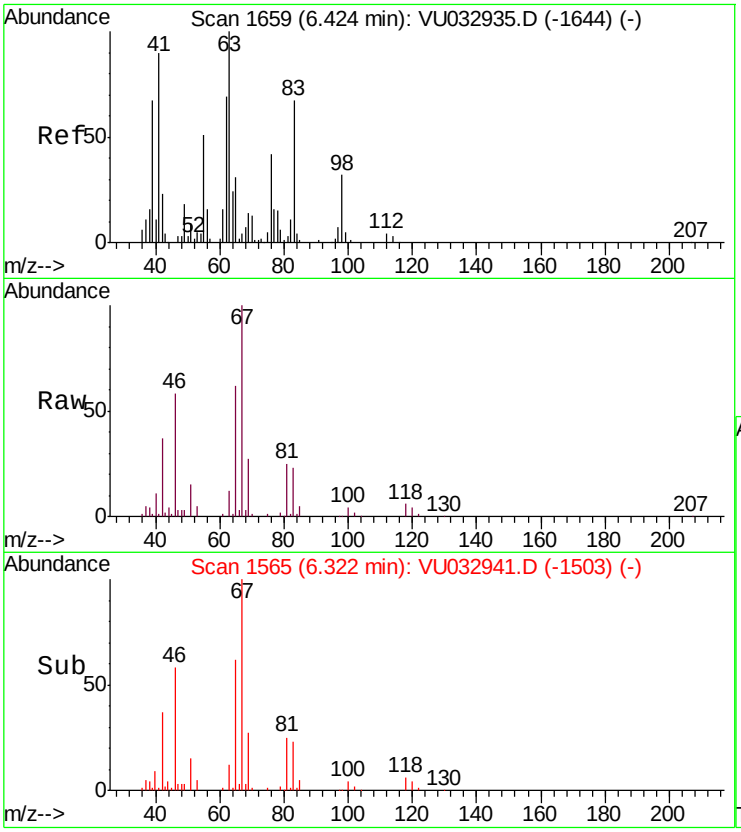


#34
Trichloroethene
Concen: 77.316 ug/L
RT: 6.18 min Scan# 1521
Delta R.T. 0.00 min
Lab File: VU032941.D
Acq: 21 Jun 2019 13:43

Tgt Ion: 95 Resp: 109749

Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.9	85.3
132	97.8	68.5	127.3
130	103.4	70.8	131.4



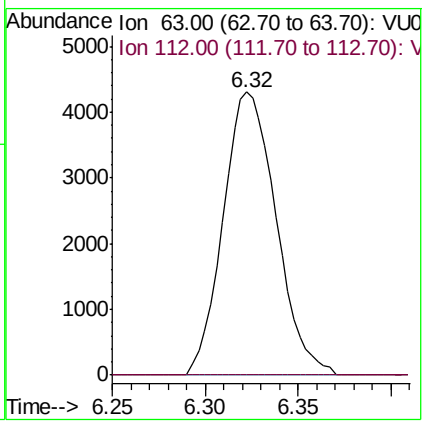


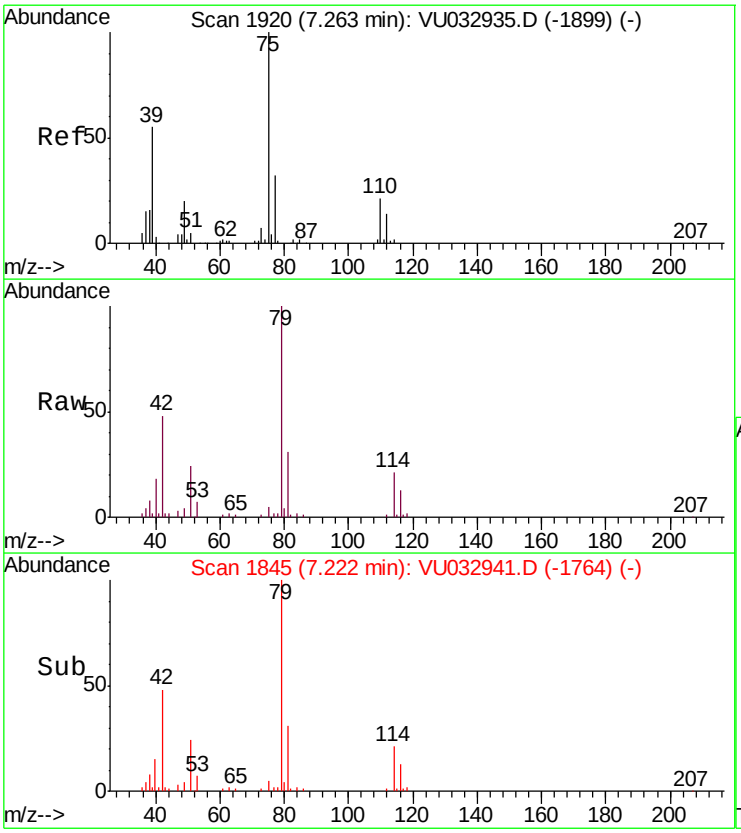
#37
1,2-Dichloropropane
Concen: 5.865 ug/L
RT: 6.32 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VU032941.D
Acq: 21 Jun 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-5-9.0-062019

Tgt Ion: 63 Resp: 8547

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

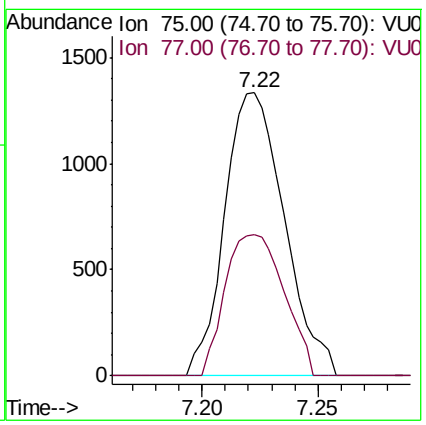


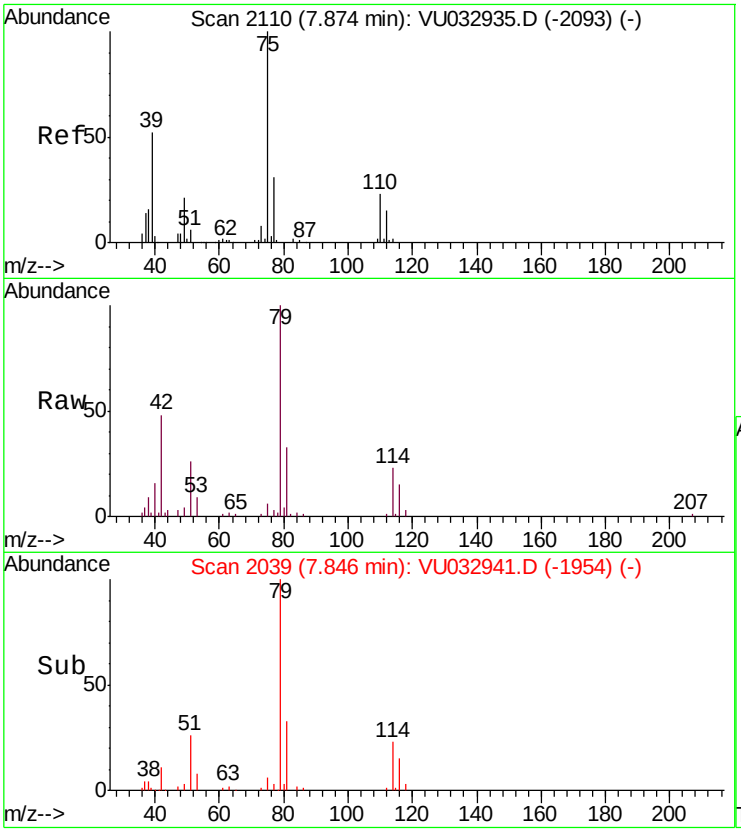


#39
cis-1,3-Dichloropropene
Concen: 1.050 ug/L
RT: 7.22 min Scan# 1845
Delta R.T. -0.04 min
Lab File: VU032941.D
Acq: 21 Jun 2019 13:43

Tgt Ion: 75 Resp: 2383

Ion	Ratio	Lower	Upper
75	100		
77	50.0	21.9	40.7#



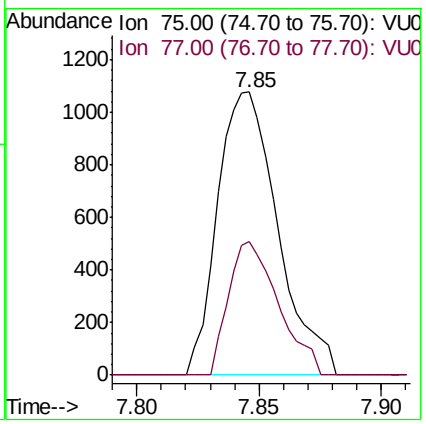


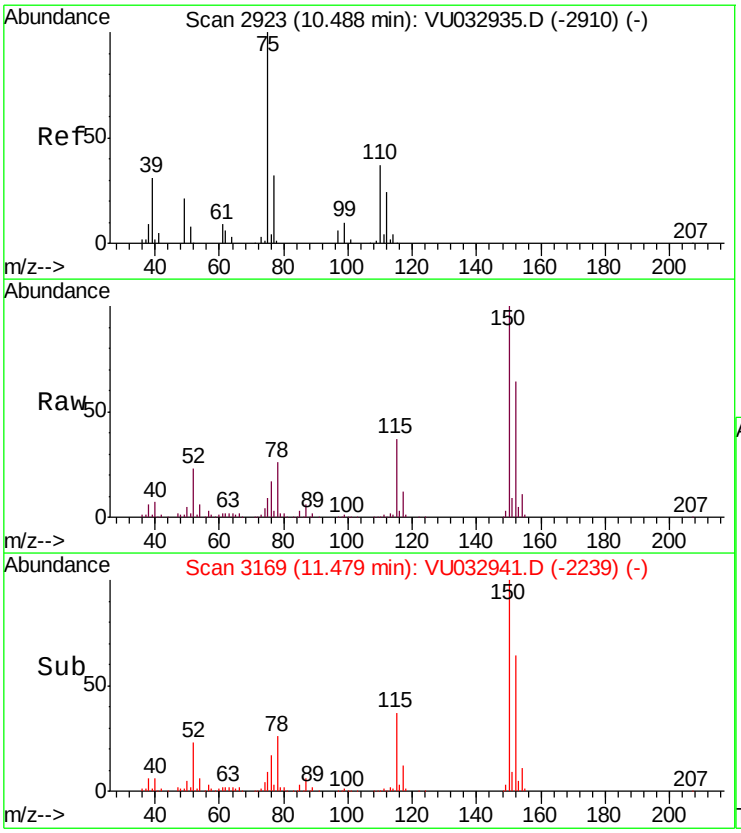
#44
trans-1,3-Dichloropropene
Concen: 0.869 ug/L
RT: 7.85 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VU032941.D
Acq: 21 Jun 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-5-9.0-062019

Tgt Ion: 75 Resp: 1854

Ion	Ratio	Lower	Upper
75	100		
77	47.2	21.8	40.4#





#59
1,2,3-Trichloropropane
Concen: 6.023 ug/L
RT: 11.48 min Scan# 3169
Delta R.T. 0.99 min
Lab File: VU032941.D
Acq: 21 Jun 2019 13:43

Tgt Ion: 75 Resp: 11714

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.5	38.3