Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\

Quantitation Report (Not Reviewed)

Data File : VU032510.D
Acq On : 06 Jun 2019 20:23
Operator : JC/SP
Sample : K3224-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C61

Quant Time: Jun 07 05:53:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207219	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	192177	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98223	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	40629	30.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 60.44%			
7) Chloroethane-d5	1.68	69	37760	34.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 69.90%#			
11) 1,1-Dichloroethene-d2	2.27	63	67765	25.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 51.48%#			
21) 2-Butanone-d5	4.17	46	107743	95.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.76%			
24) Chloroform-d	4.64	84	106313	42.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.80%			
26) 1,2-Dichloroethane-d4	5.30	65	71328	45.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.32%			
32) Benzene-d6	5.33	84	214326	42.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.92%			
36) 1,2-Dichloropropane-d6	6.32	67	71147	45.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.96%			
41) Toluene-d8	7.56	98	202332	42.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.54%			
43) trans-1,3-Dichloropropene-	7.85	79	32663	43.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.26%			
47) 2-Hexanone-d5	8.31	63	69390	91.44	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.44%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108619	47.92	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.84%			
64) 1,2-Dichlorobenzene-d4	11.85	152	89500	47.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.14%			
Target Compounds						Qvalue
13) Acetone	2.32	43	3740	3.222	ug/L	95
25) Chloroform	4.67	83	14195	5.663	ug/L	97
27) 1,2-Dichloroethane	5.33	62	1110	0.560	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	8001	5.590	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2353	1.042	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1338	0.668	ug/L	89
48) 2-Hexanone	8.36	43	4653	2.460	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	10985	5.904	ug/L	90

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

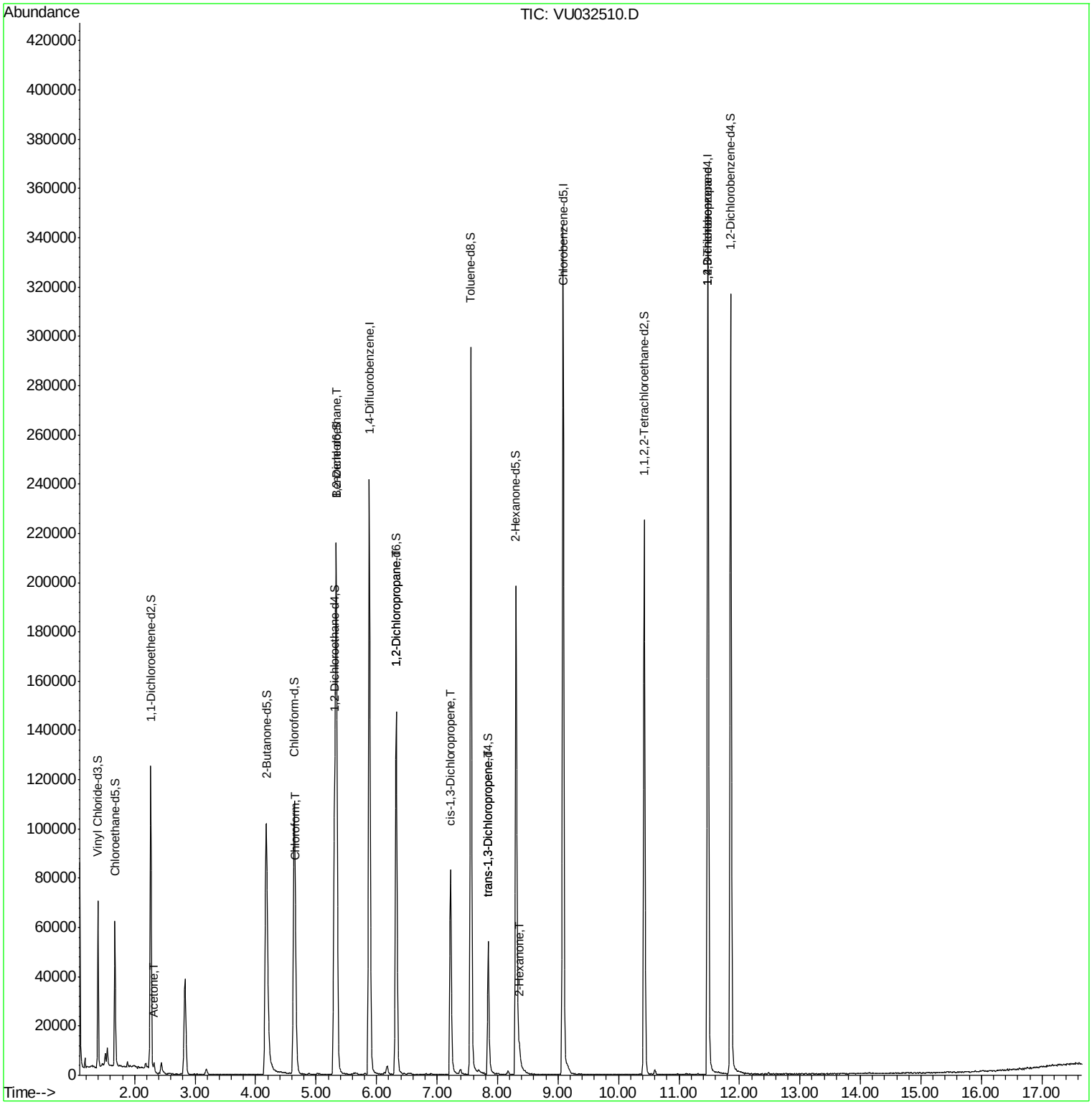
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\

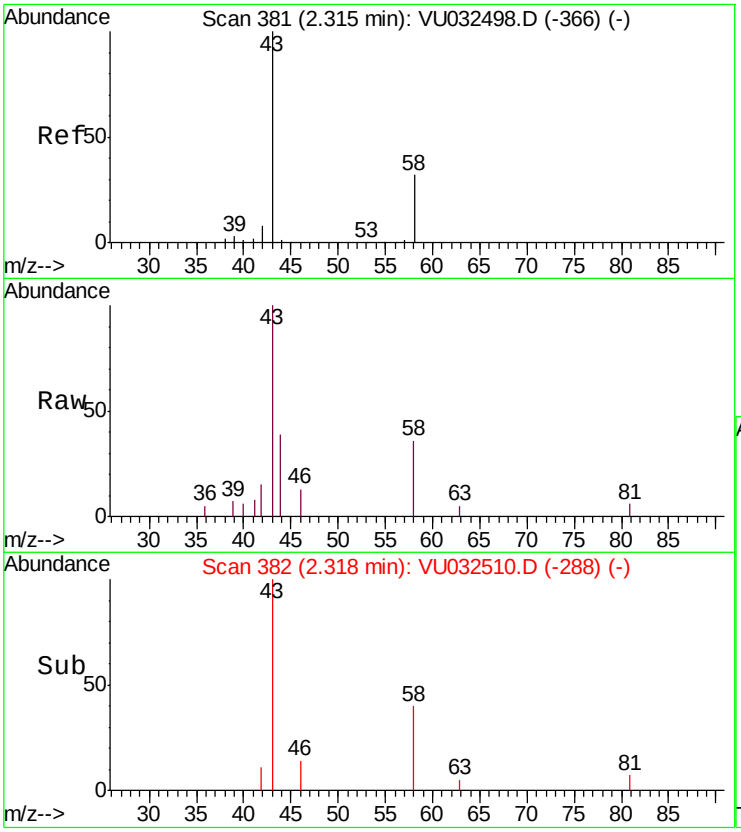
Quantitation Report (Not Reviewed)

Data File : VU032510.D
Acq On : 06 Jun 2019 20:23
Operator : JC/SP
Sample : K3224-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C61

Quant Time: Jun 07 05:53:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration



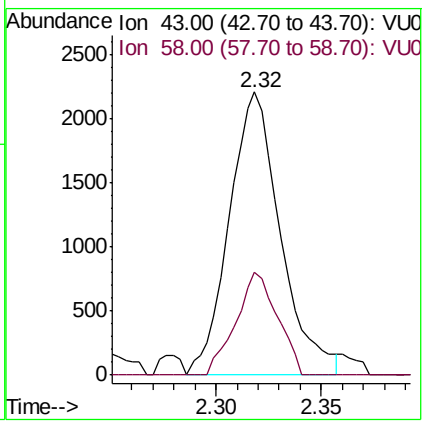


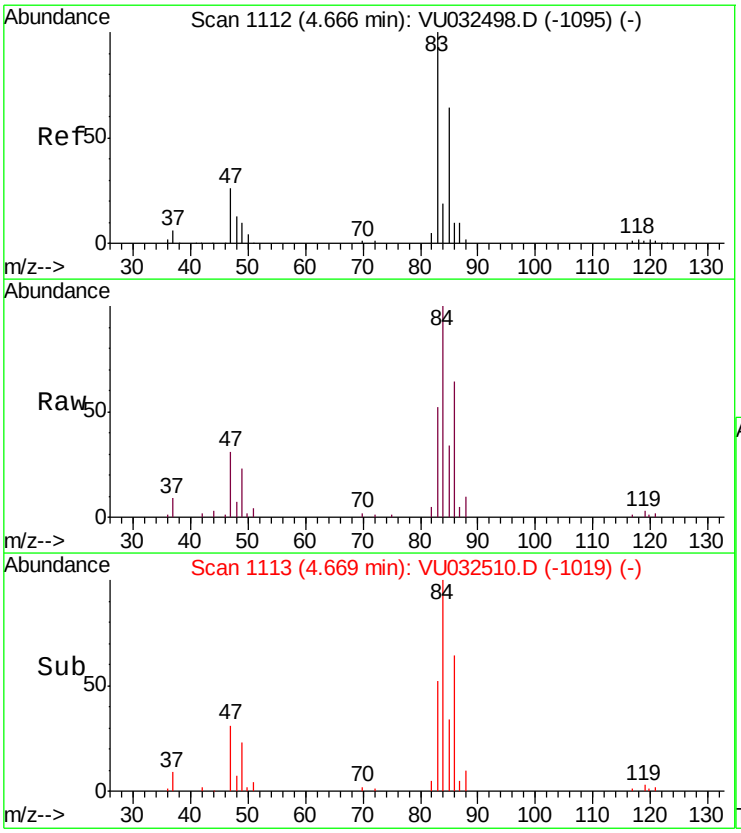
#13
Acetone
Concen: 3.222 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032510.D
Acq: 06 Jun 2019 20:23

Instrument :
MSVOA_U
ClientSampleId :
C0C61

Tgt Ion: 43 Resp: 3740

Ion	Ratio	Lower	Upper
43	100		
58	29.3	0.0	64.0

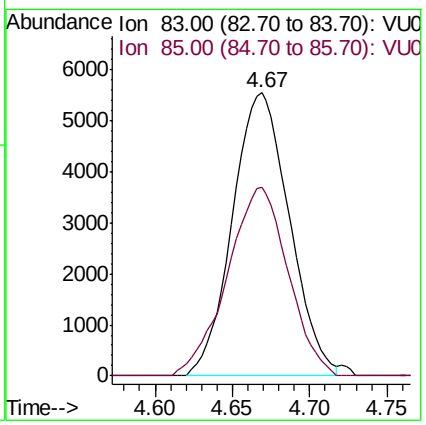


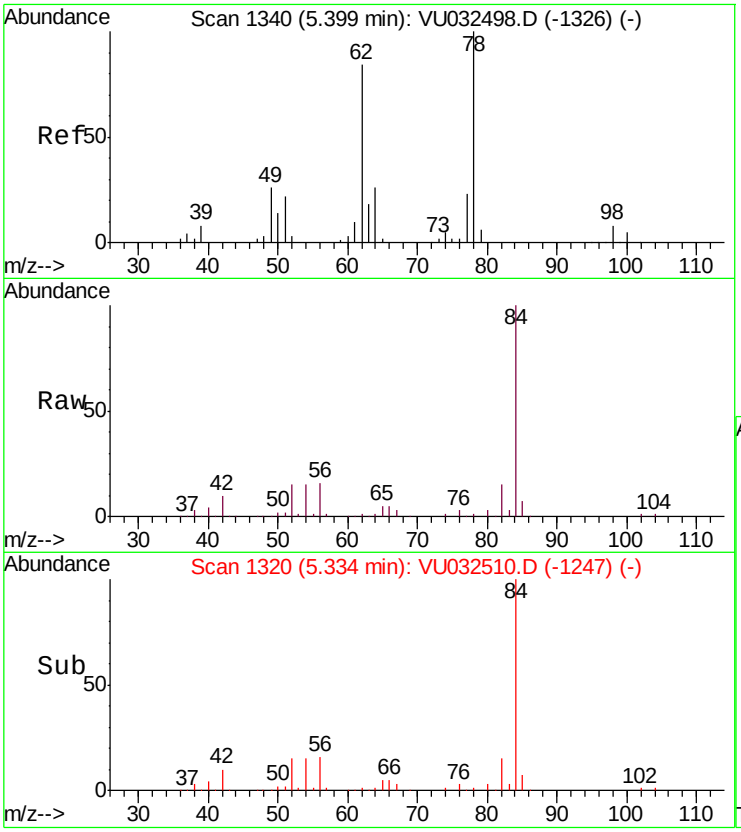


#25
Chloroform
Concen: 5.663 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032510.D
Acq: 06 Jun 2019 20:23

Tgt Ion: 83 Resp: 14195

Ion	Ratio	Lower	Upper
83	100		
85	66.5	44.7	82.9



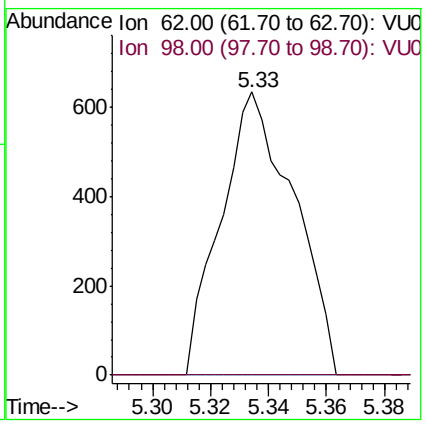


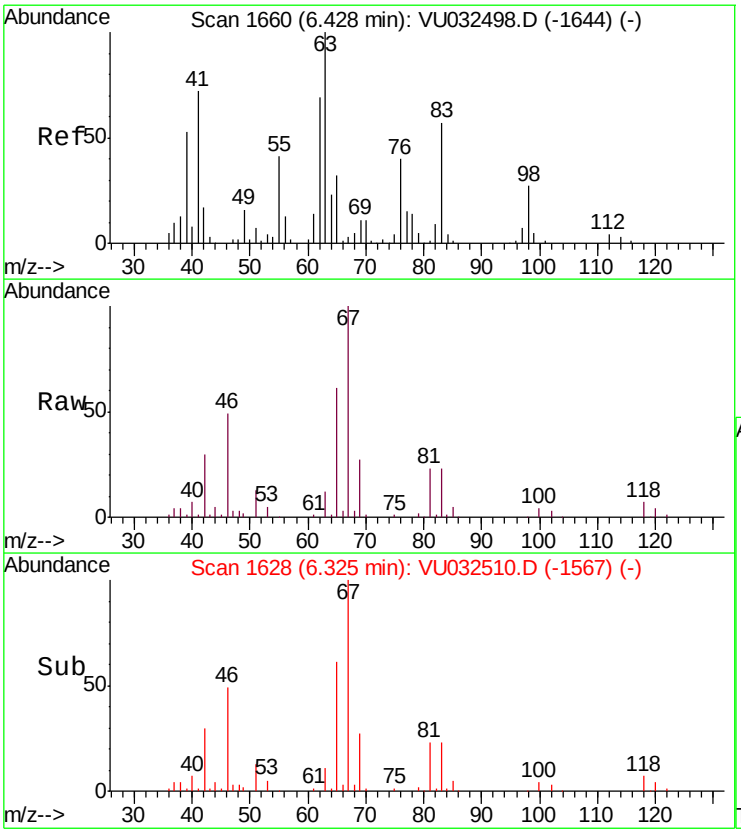
#27
1,2-Dichloroethane
Concen: 0.560 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032510.D
Acq: 06 Jun 2019 20:23

Instrument : MSVOA_U
ClientSampleId : C0C61

Tgt Ion: 62 Resp: 1110

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

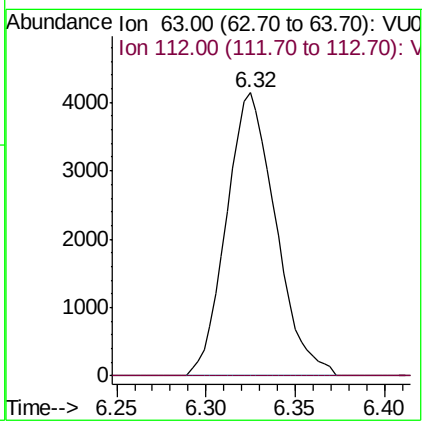


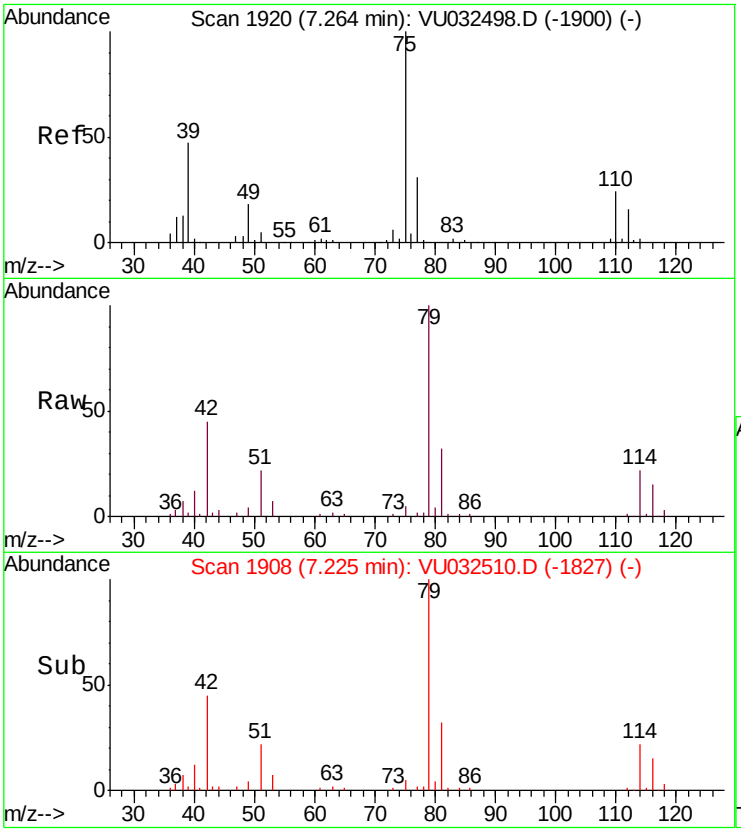


#37
1,2-Dichloropropane
Concen: 5.590 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032510.D
Acq: 06 Jun 2019 20:23

Tgt Ion: 63 Resp: 8001

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



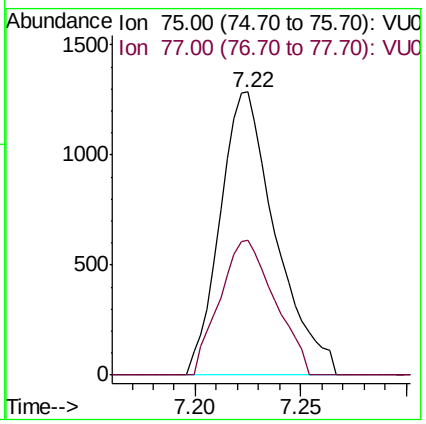


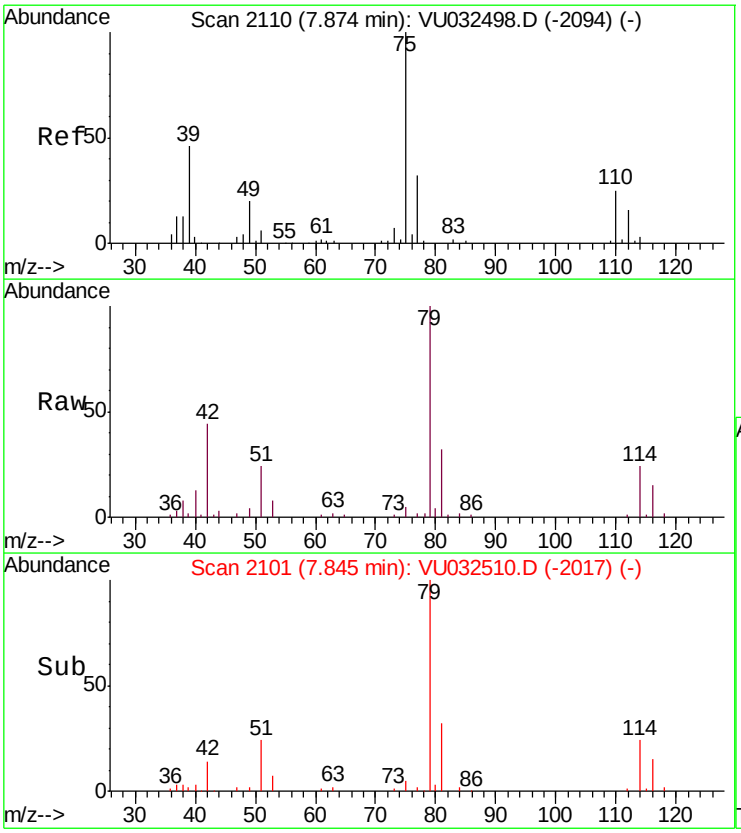
#39
cis-1,3-Dichloropropene
Concen: 1.042 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032510.D
Acq: 06 Jun 2019 20:23

Instrument :
MSVOA_U
ClientSampleId :
C0C61

Tgt Ion: 75 Resp: 2353

Ion	Ratio	Lower	Upper
75	100		
77	47.6	22.0	41.0#

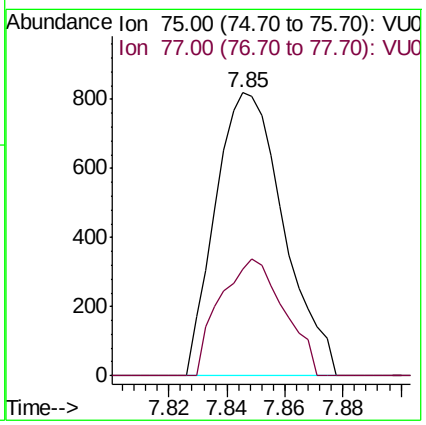


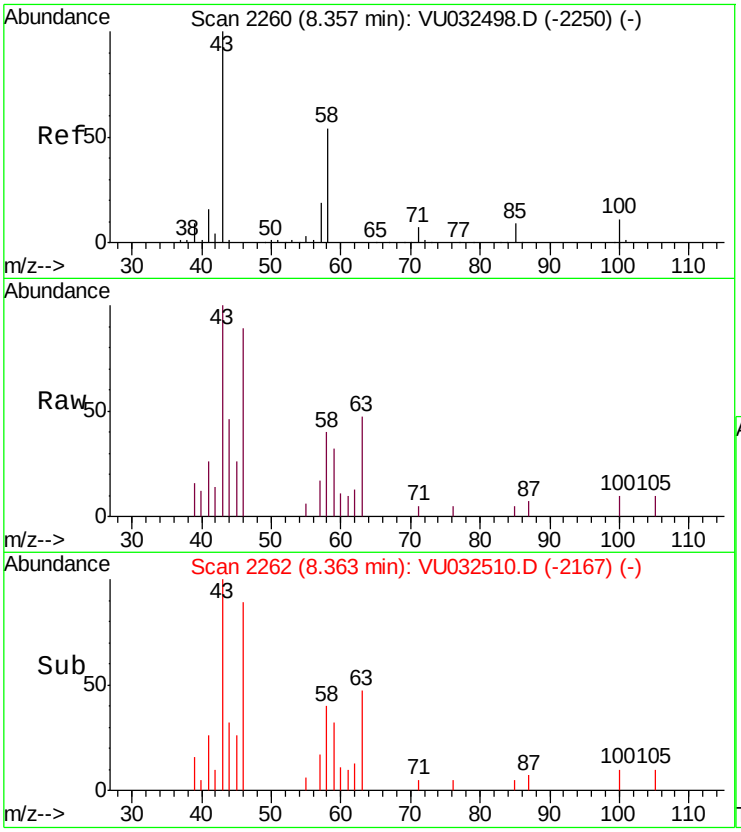


#44
trans-1,3-Dichloropropene
Concen: 0.668 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032510.D
Acq: 06 Jun 2019 20:23

Tgt Ion: 75 Resp: 1338

Ion	Ratio	Lower	Upper
75	100		
77	37.7	22.1	41.1



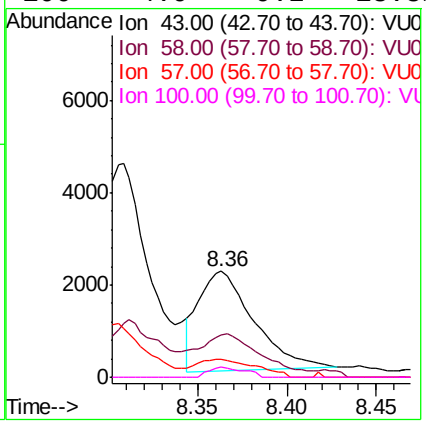


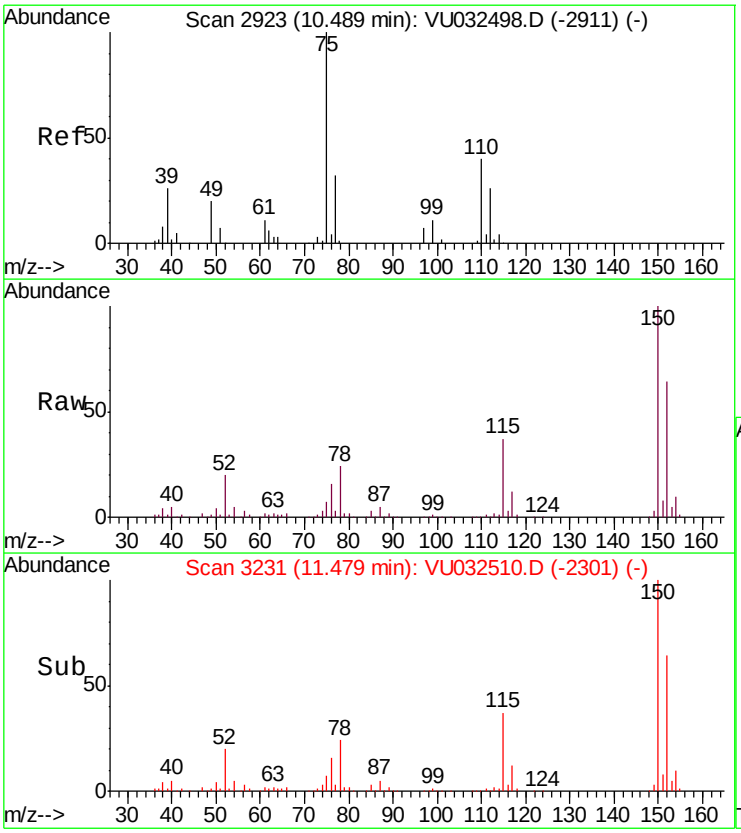
#48
2-Hexanone
Concen: 2.460 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032510.D
Acq: 06 Jun 2019 20:23

Instrument :
MSVOA_U
ClientSampleId :
C0C61

Tgt Ion: 43 Resp: 4653

Ion	Ratio	Lower	Upper
43	100		
58	31.2	42.0	63.0#
57	19.8	14.6	22.0
100	4.9	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 5.904 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032510.D
Acq: 06 Jun 2019 20:23

Tgt Ion: 75 Resp: 10985

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.6	38.4