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

Quantitation Report (Not Reviewed)

Data File : VU032981.D
Acq On : 22 Jun 2019 06:12
Operator : JC/SP
Sample : K3464-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF58

Quant Time: Jun 24 02:04:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	197034	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193097	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90678	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	49415	36.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.40%			
7) Chloroethane-d5	1.68	69	45428	42.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.60%			
11) 1,1-Dichloroethene-d2	2.26	63	80171	29.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.10%#			
21) 2-Butanone-d5	4.17	46	121987	108.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.84%			
24) Chloroform-d	4.64	84	122272	46.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.42%			
26) 1,2-Dichloroethane-d4	5.30	65	87541	50.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.40%			
32) Benzene-d6	5.33	84	231762	46.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.08%			
36) 1,2-Dichloropropane-d6	6.32	67	78495	48.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.90%			
41) Toluene-d8	7.56	98	206709	43.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.70%			
43) trans-1,3-Dichloropropene-	7.85	79	35073	42.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.10%			
47) 2-Hexanone-d5	8.31	63	73450	98.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117703	47.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.96%			
64) 1,2-Dichlorobenzene-d4	11.85	152	84545	48.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.36%			

Target Compounds						Qvalue
8) Chloroethane	1.39	64	895	0.869	ug/L #	1
13) Acetone	2.32	43	2052	1.326	ug/L	86
27) 1,2-Dichloroethane	5.33	62	1374	0.632	ug/L #	77
37) 1,2-Dichloropropane	6.32	63	9313	6.103	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2572	1.082	ug/L #	70
44) trans-1,3-Dichloropropene	7.84	75	1813	0.812	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	12082	5.933	ug/L	92

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

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ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_U
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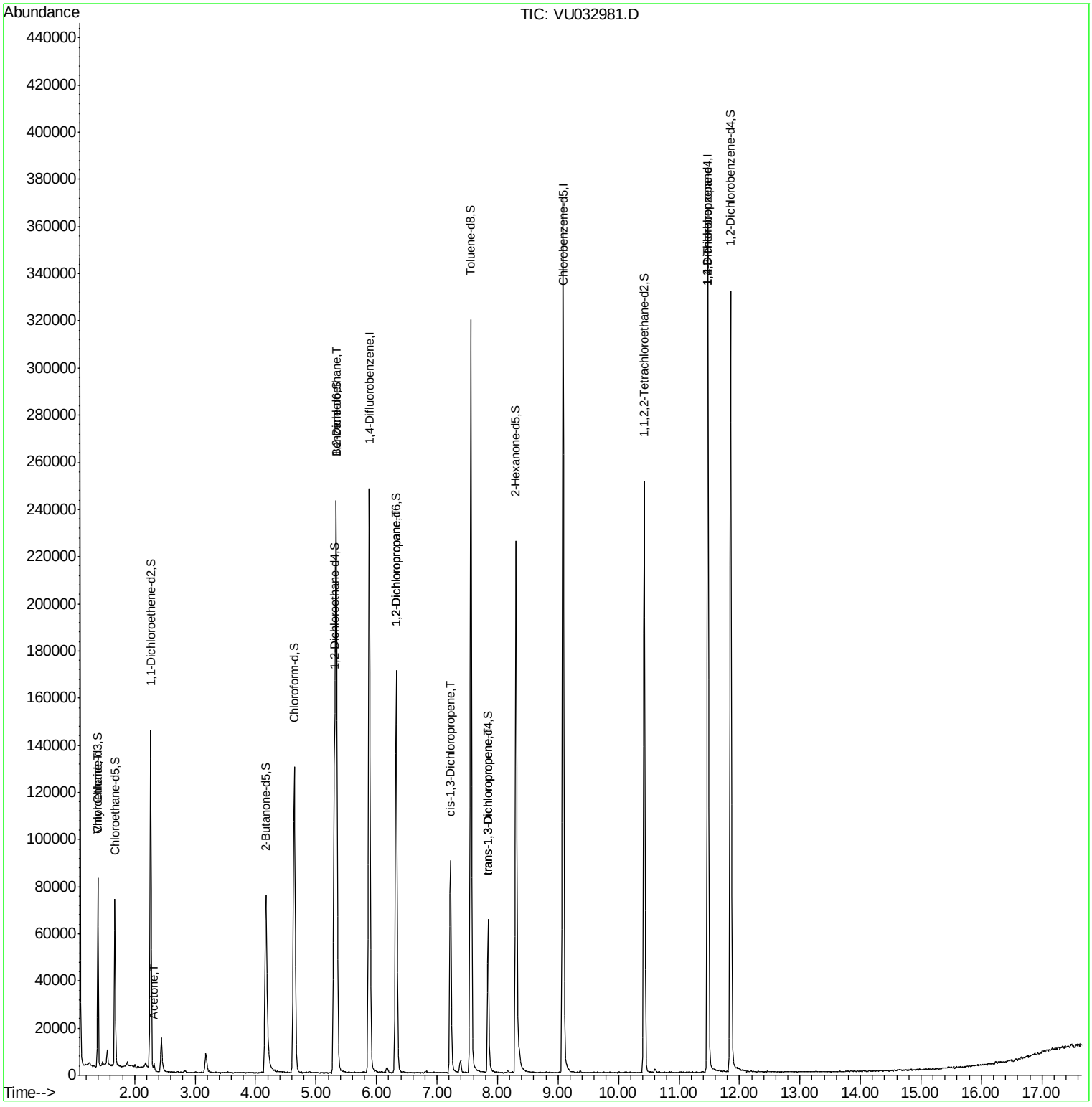
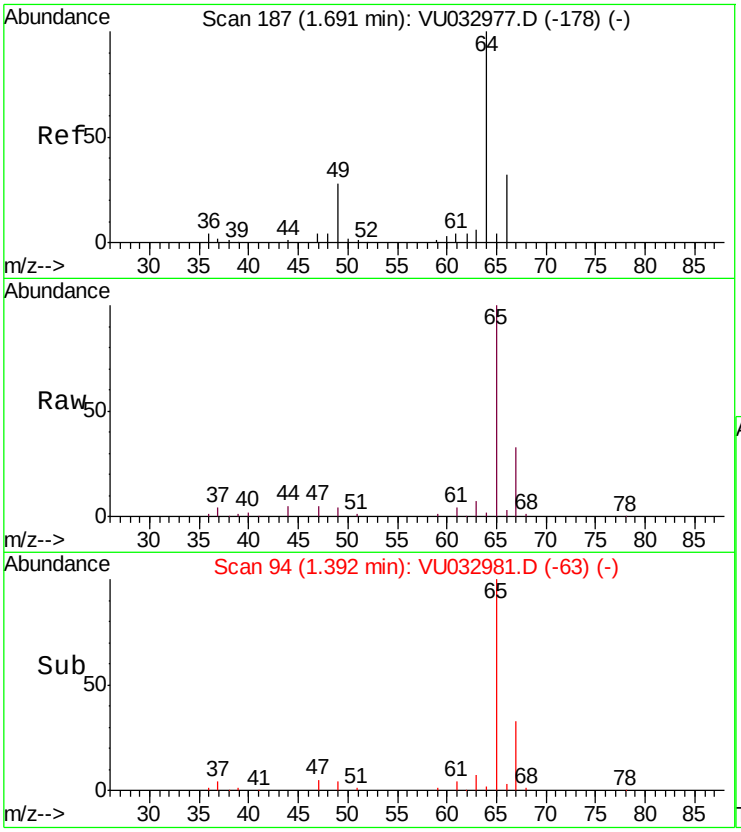
Quant Time: Jun 24 02:04:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration



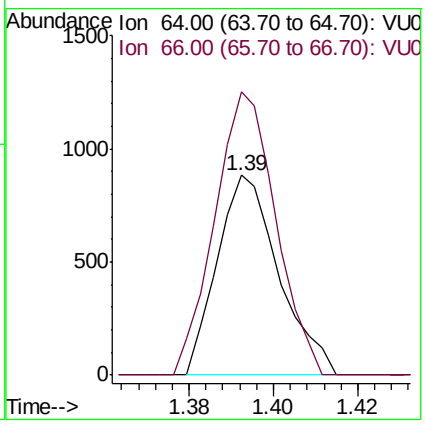


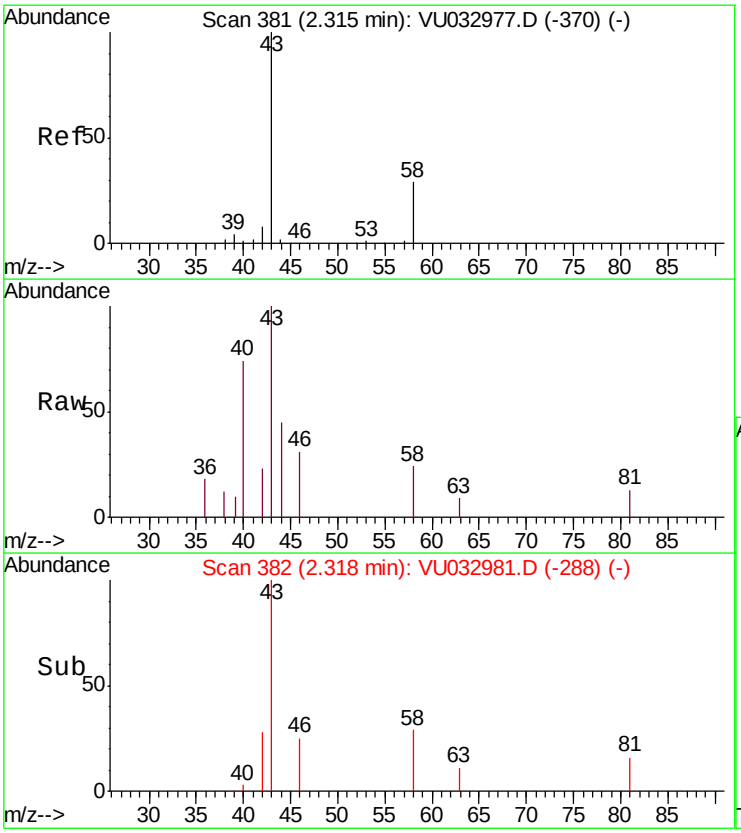
#8
Chloroethane
Concen: 0.869 ug/L
RT: 1.39 min Scan# 94
Delta R.T. -0.30 min
Lab File: VU032981.D
Acq: 22 Jun 2019 06:12

Instrument : MSVOA_U
ClientSampleId : ETF58

Tgt Ion: 64 Resp: 895

Ion	Ratio	Lower	Upper
64	100		
66	141.6	22.5	41.7#

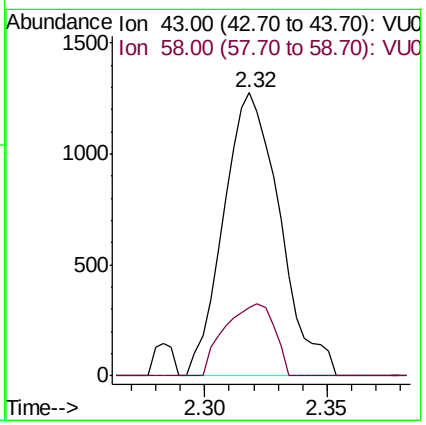


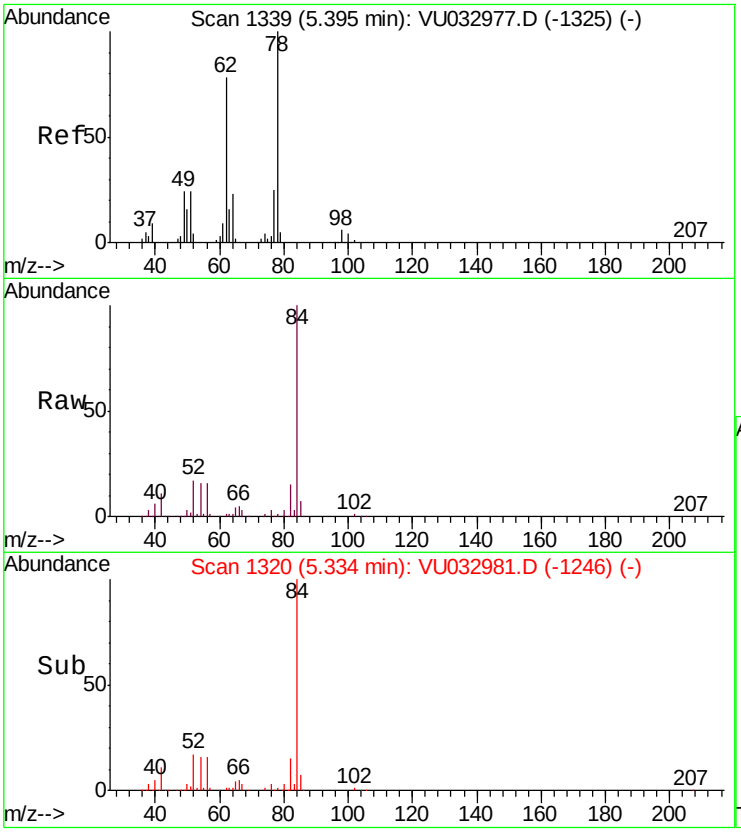


#13
Acetone
Concen: 1.326 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032981.D
Acq: 22 Jun 2019 06:12

Tgt Ion: 43 Resp: 2052

Ion	Ratio	Lower	Upper
43	100		
58	22.5	0.0	60.6



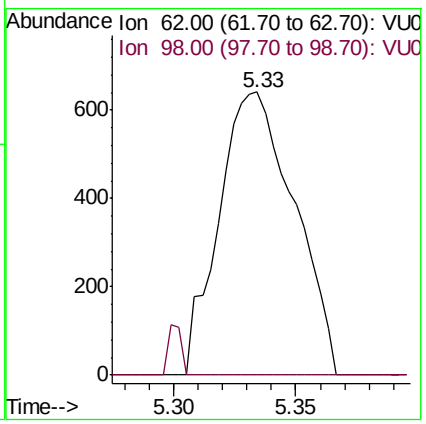


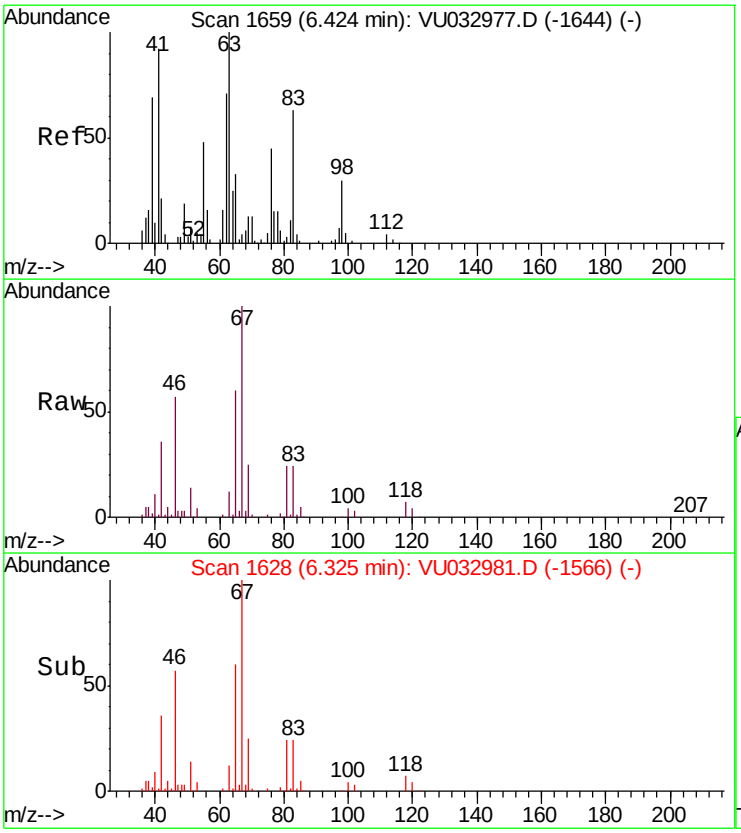
#27
1,2-Dichloroethane
Concen: 0.632 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032981.D
Acq: 22 Jun 2019 06:12

Instrument : MSVOA_U
ClientSampleId : ETF58

Tgt Ion: 62 Resp: 1374

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

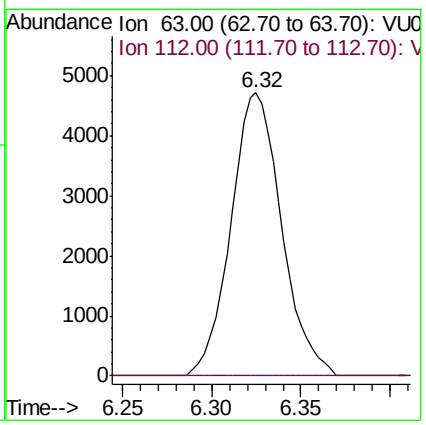


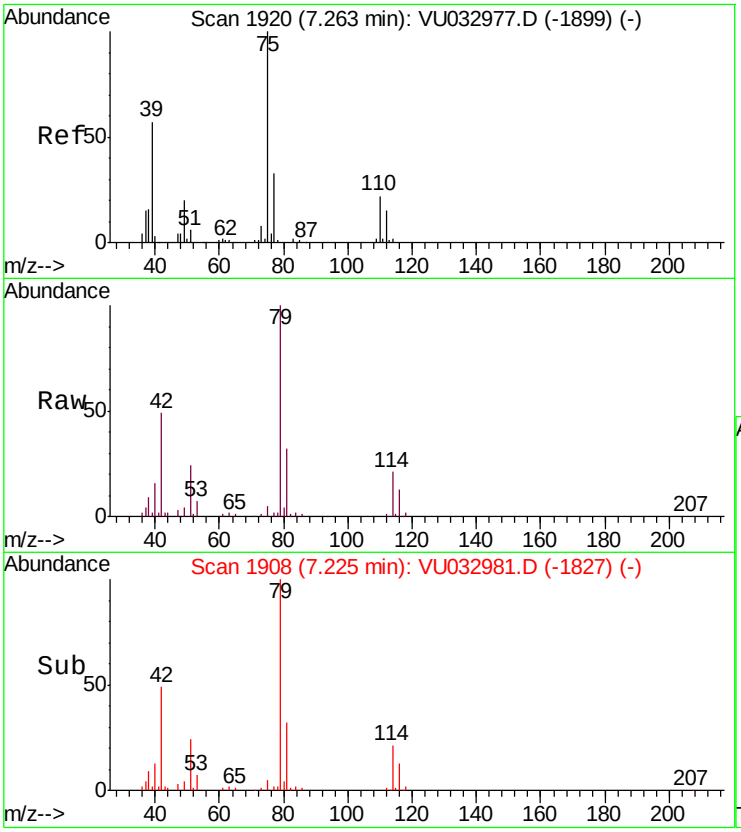


#37
1,2-Dichloropropane
Concen: 6.103 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032981.D
Acq: 22 Jun 2019 06:12

Tgt Ion: 63 Resp: 9313

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



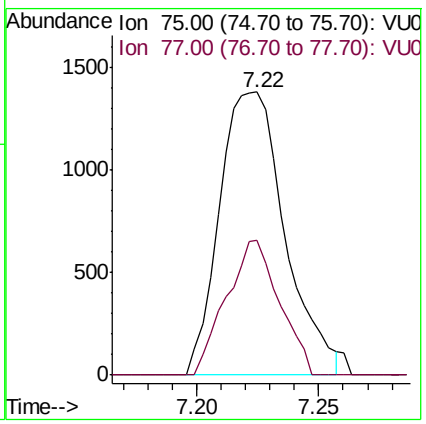


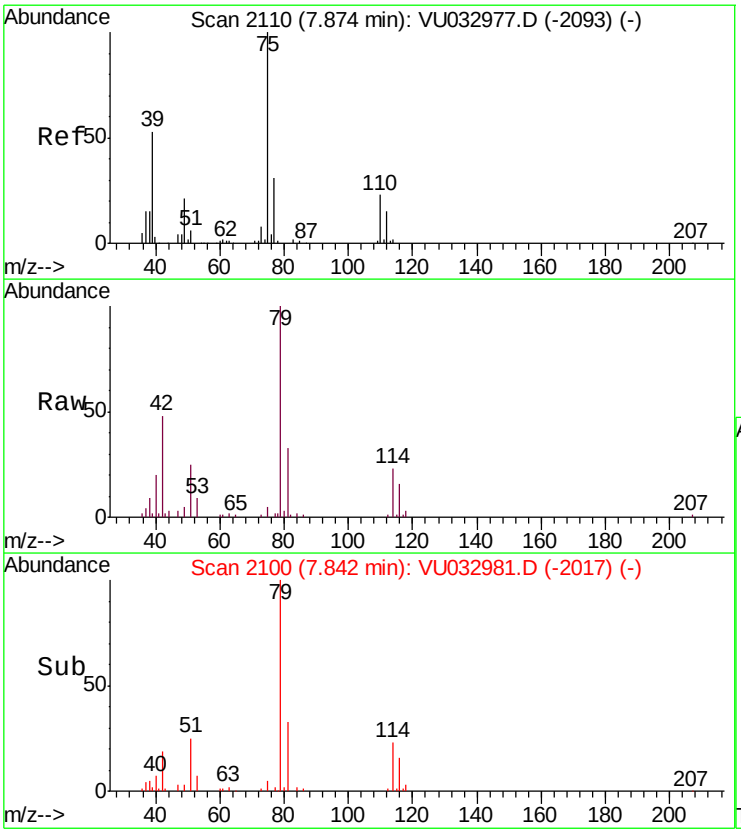
#39
cis-1,3-Dichloropropene
Concen: 1.082 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032981.D
Acq: 22 Jun 2019 06:12

Instrument :
MSVOA_U
ClientSampleId :
ETF58

Tgt Ion: 75 Resp: 2572

Ion	Ratio	Lower	Upper
75	100		
77	47.6	21.9	40.7#

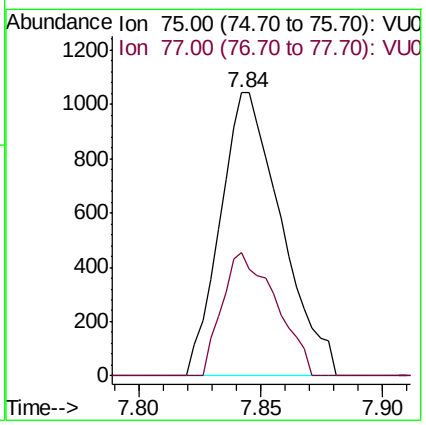


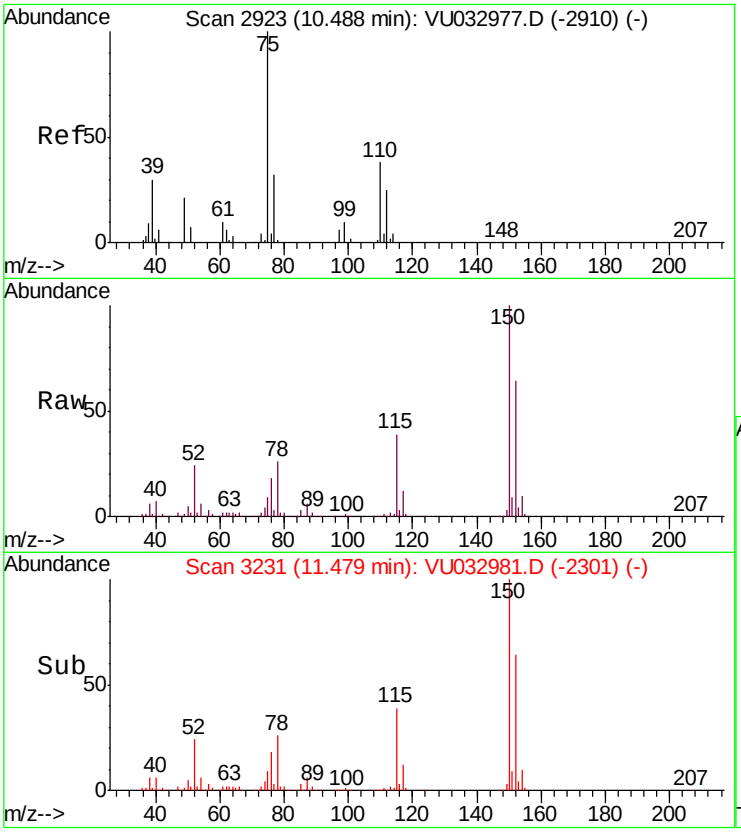


#44
trans-1,3-Dichloropropene
Concen: 0.812 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU032981.D
Acq: 22 Jun 2019 06:12

Tgt Ion: 75 Resp: 1813

Ion	Ratio	Lower	Upper
75	100		
77	43.4	21.8	40.4#





#59
1,2,3-Trichloropropane
Concen: 5.933 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032981.D
Acq: 22 Jun 2019 06:12

Instrument :
MSVOA_U
ClientSampleId :
ETF58

Tgt Ion: 75 Resp: 12082

Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.5	38.3