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

Quantitation Report (Not Reviewed)

Data File : VU032982.D
Acq On : 22 Jun 2019 06:35
Operator : JC/SP
Sample : K3464-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF59

Quant Time: Jun 24 02:04:41 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	197497	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.08	117	190950	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92138	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	48689	36.07	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.14%				
7) Chloroethane-d5	1.68	69	45344	42.12	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.24%				
11) 1,1-Dichloroethene-d2	2.26	63	81772	30.07	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.14%				
21) 2-Butanone-d5	4.17	46	125759	111.94	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.94%				
24) Chloroform-d	4.64	84	121520	46.31	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.62%				
26) 1,2-Dichloroethane-d4	5.30	65	87254	49.92	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.84%				
32) Benzene-d6	5.33	84	226469	45.50	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.00%				
36) 1,2-Dichloropropane-d6	6.32	67	75833	47.82	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.64%				
41) Toluene-d8	7.56	98	205248	44.03	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.06%				
43) trans-1,3-Dichloropropene-	7.84	79	33708	40.87	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.74%				
47) 2-Hexanone-d5	8.31	63	72455	97.86	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.86%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116645	47.58	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.16%				
64) 1,2-Dichlorobenzene-d4	11.86	152	83413	46.78	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.56%				
Target Compounds							Qvalue
5) Vinyl chloride	1.40	62	5872	3.274	ug/L		86
8) Chloroethane	1.40	64	2688	2.604	ug/L	#	72
12) 1,1-Dichloroethene	2.27	96	2478	1.992	ug/L	#	1
13) Acetone	2.32	43	1959	1.263	ug/L		83
17) trans-1,2-Dichloroethene	2.98	96	2934	2.175	ug/L		98
20) cis-1,2-Dichloroethene	4.22	96	501115	341.068	ug/L		96
34) Trichloroethene	6.18	95	1026566	698.472	ug/L		98
35) Methylcyclohexane	6.32	83	17339	7.632	ug/L	#	18
37) 1,2-Dichloropropane	6.32	63	9206	6.101	ug/L	#	88
39) cis-1,3-Dichloropropene	7.22	75	2577	1.096	ug/L	#	76
44) trans-1,3-Dichloropropene	7.85	75	2055	0.931	ug/L		92
59) 1,2,3-Trichloropropane	11.48	75	12130	6.024	ug/L		92

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

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

Quantitation Report (Not Reviewed)

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Operator : JC/SP
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ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_U
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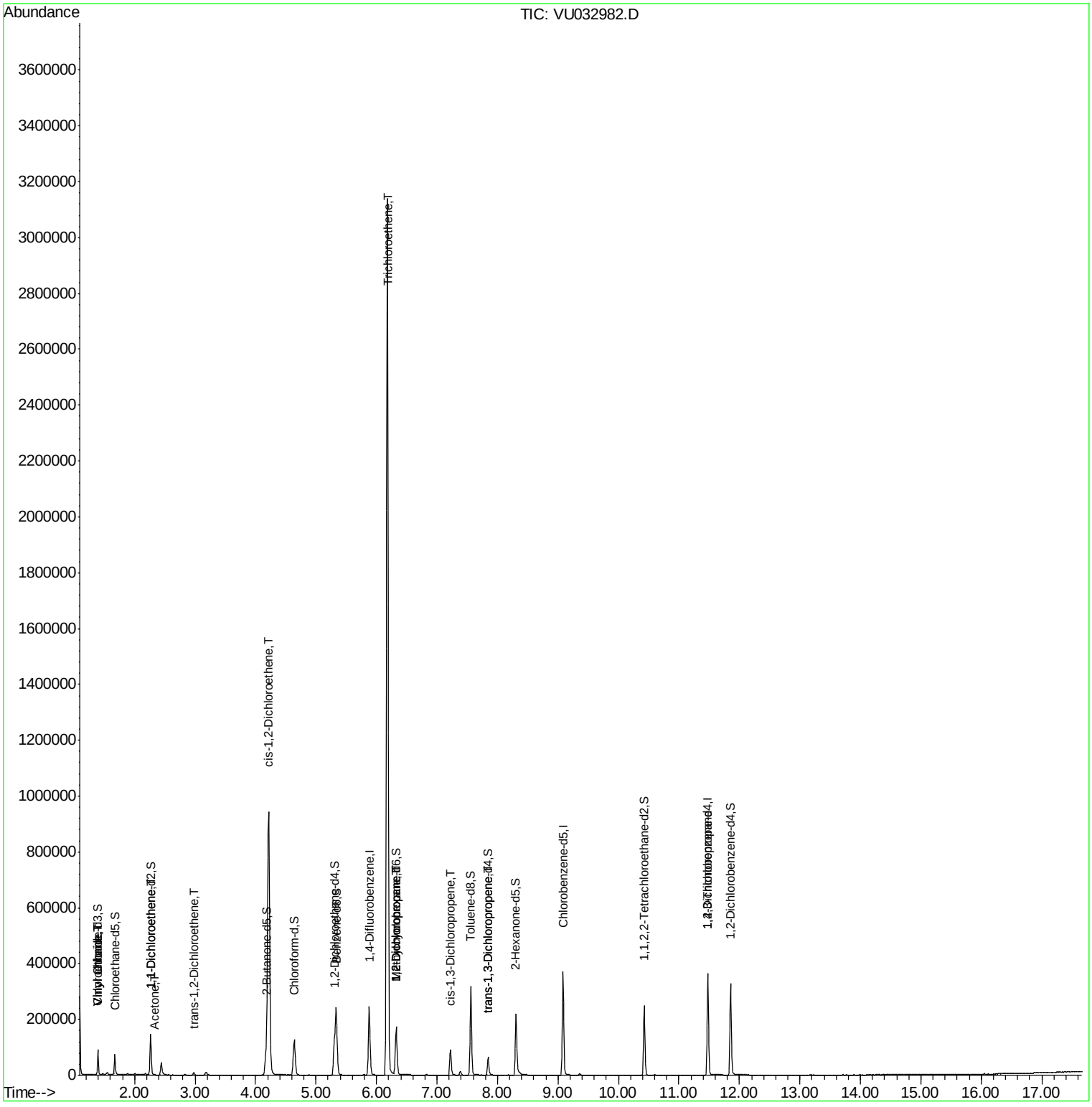
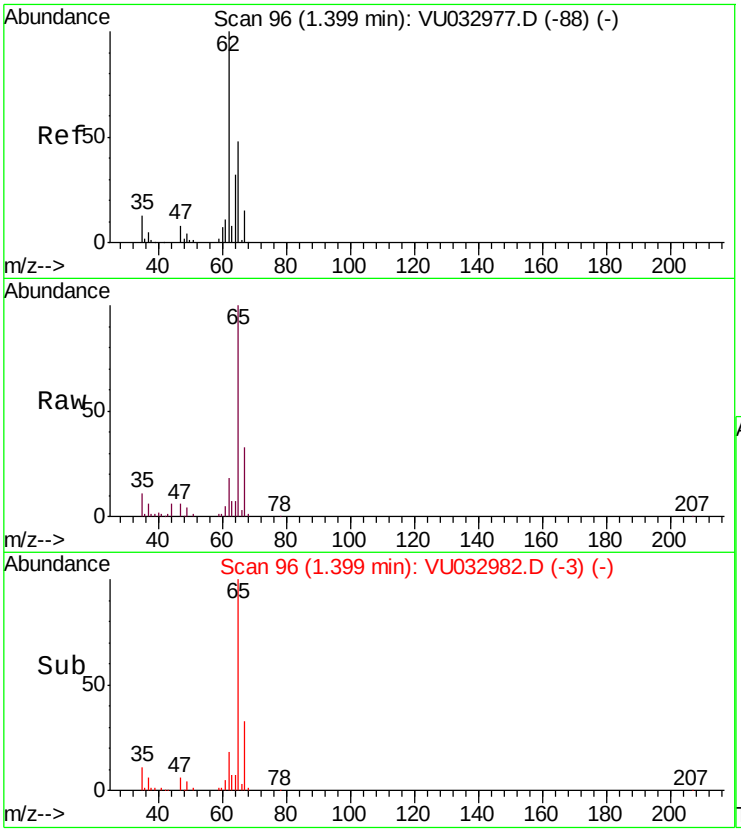
Quant Time: Jun 24 02:04:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration



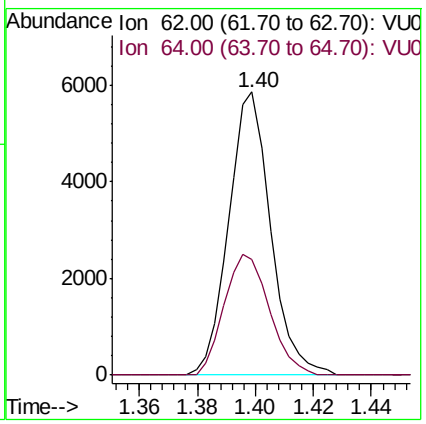


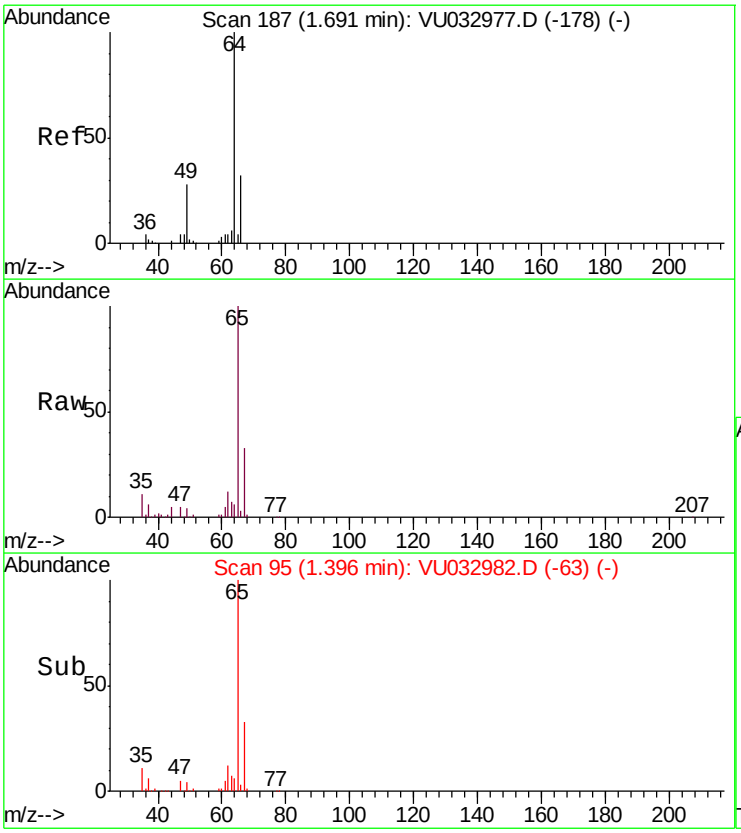
#5
Vinyl chloride
Concen: 3.274 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU032982.D
Acq: 22 Jun 2019 06:35

Instrument : MSVOA_U
ClientSampleId : ETF59

Tgt Ion: 62 Resp: 5872

Ion	Ratio	Lower	Upper
62	100		
64	40.7	23.0	42.6

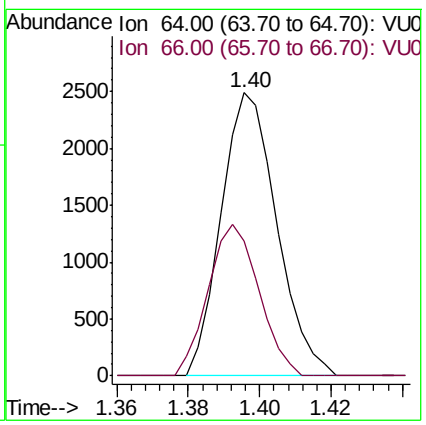


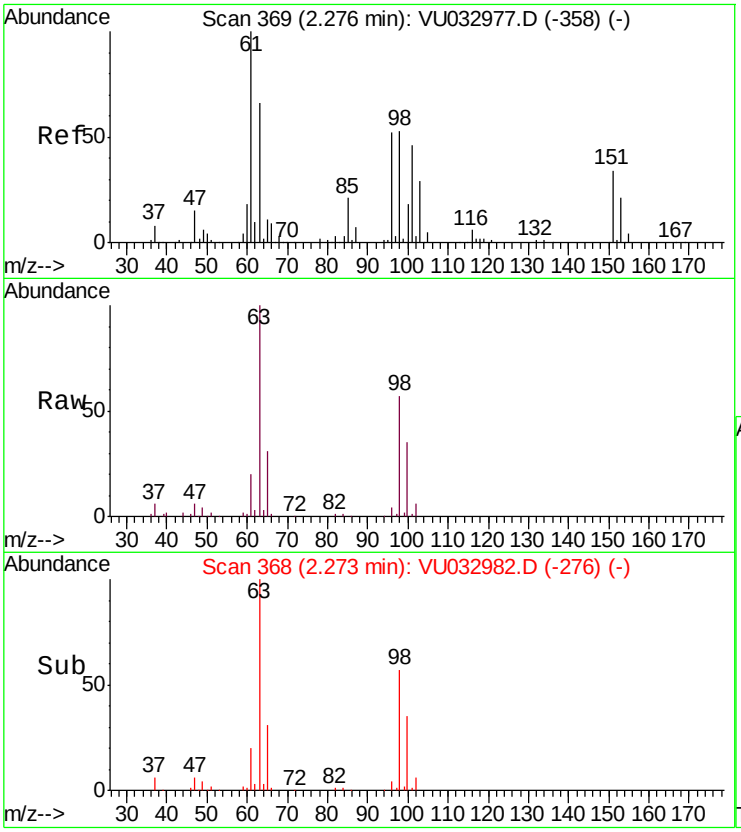


#8
Chloroethane
Concen: 2.604 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032982.D
Acq: 22 Jun 2019 06:35

Tgt Ion: 64 Resp: 2688

Ion	Ratio	Lower	Upper
64	100		
66	47.8	22.5	41.7#



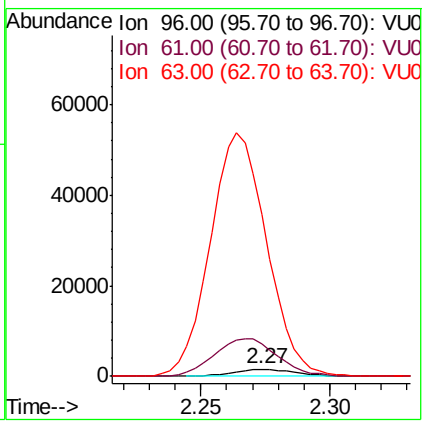


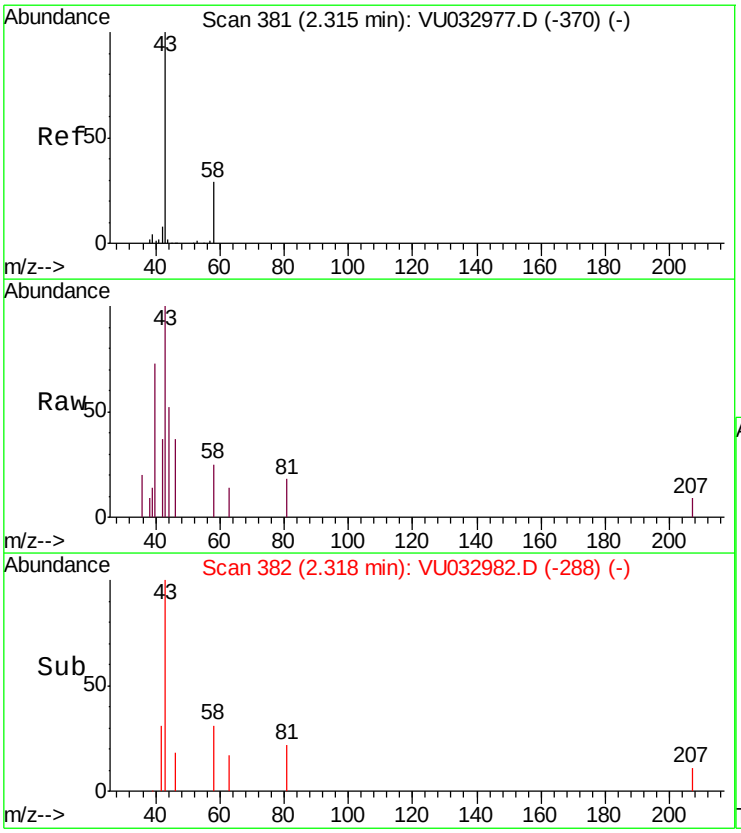
#12
1,1-Dichloroethene
Concen: 1.992 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.00 min
Lab File: VU032982.D
Acq: 22 Jun 2019 06:35

Instrument :
MSVOA_U
ClientSampleId :
ETF59

Tgt Ion: 96 Resp: 2478

Ion	Ratio	Lower	Upper
96	100		
61	476.1	131.0	243.4#
63	2333.6	101.0	187.6#

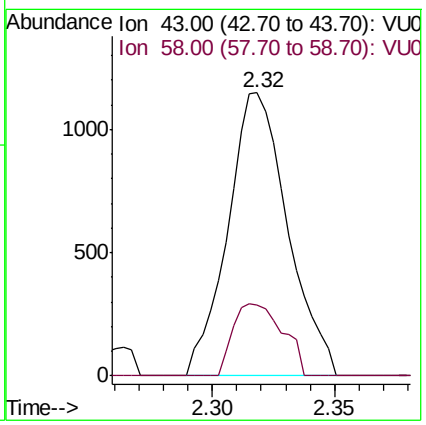


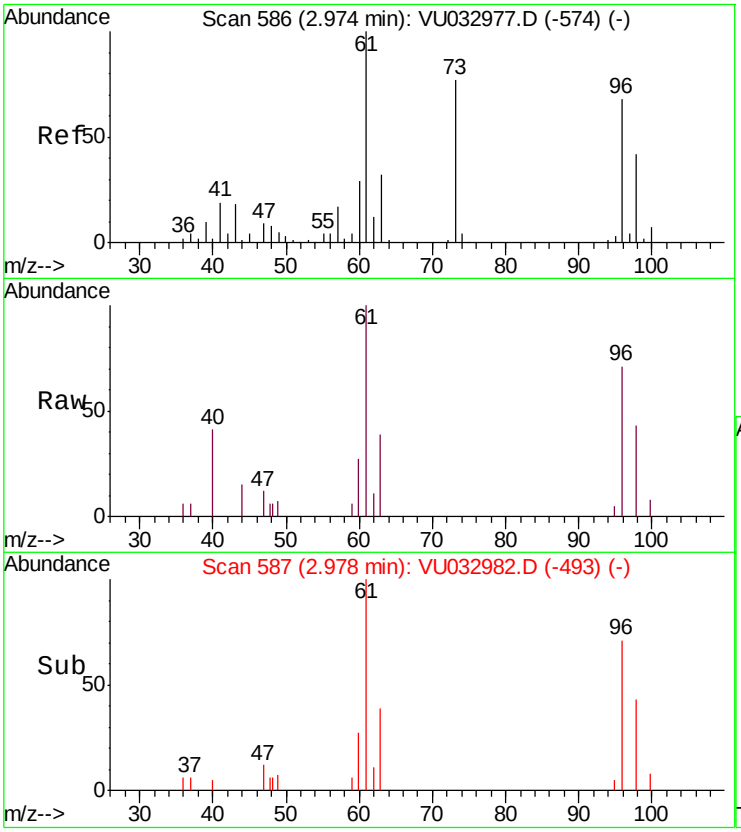


#13
Acetone
Concen: 1.263 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032982.D
Acq: 22 Jun 2019 06:35

Tgt Ion: 43 Resp: 1959

Ion	Ratio	Lower	Upper
43	100		
58	21.2	0.0	60.6



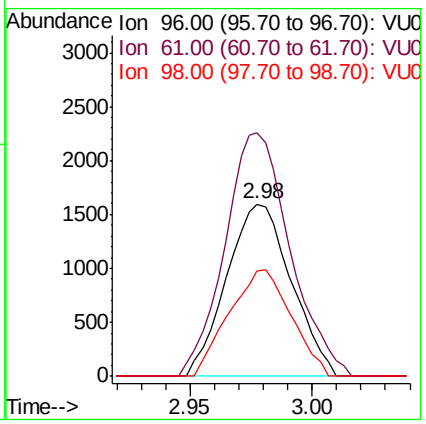


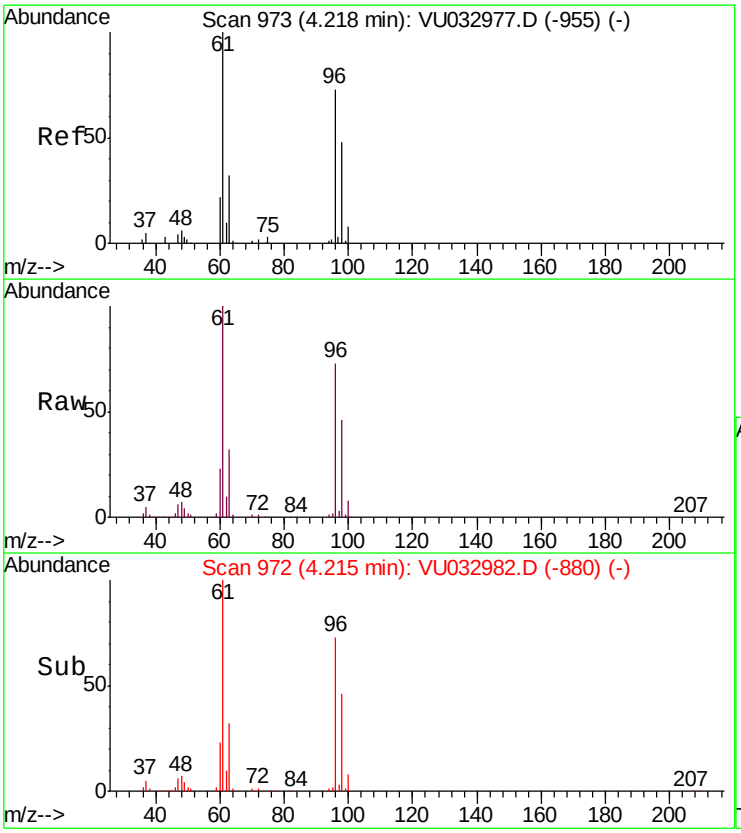
#17
trans-1,2-Dichloroethene
Concen: 2.175 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU032982.D
Acq: 22 Jun 2019 06:35

Instrument :
MSVOA_U
ClientSampleId :
ETF59

Tgt Ion: 96 Resp: 2934

Ion	Ratio	Lower	Upper
96	100		
61	141.2	100.9	187.5
98	61.4	44.0	81.8

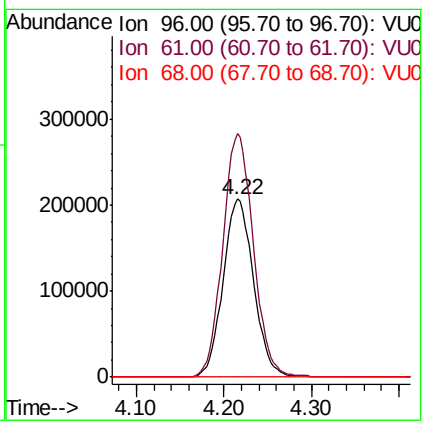


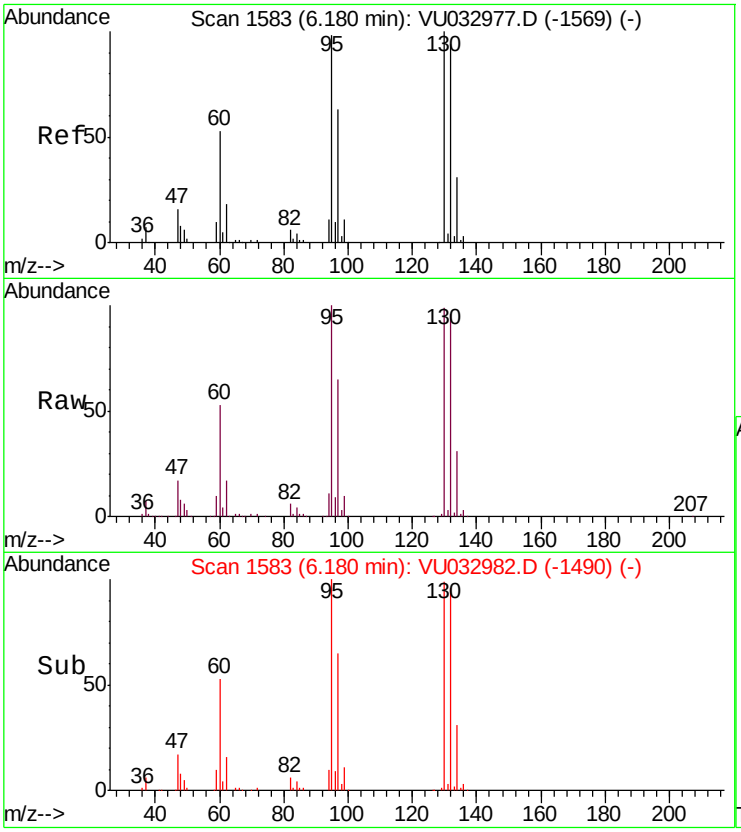


#20
cis-1,2-Dichloroethene
Concen: 341.068 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032982.D
Acq: 22 Jun 2019 06:35

Tgt Ion: 96 Resp: 501115

Ion	Ratio	Lower	Upper
96	100		
61	136.9	92.4	171.6
68	0.0	0.0	0.0



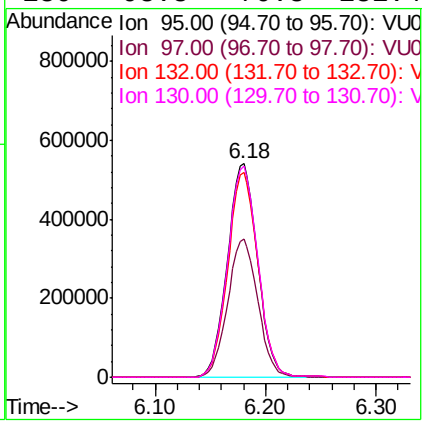


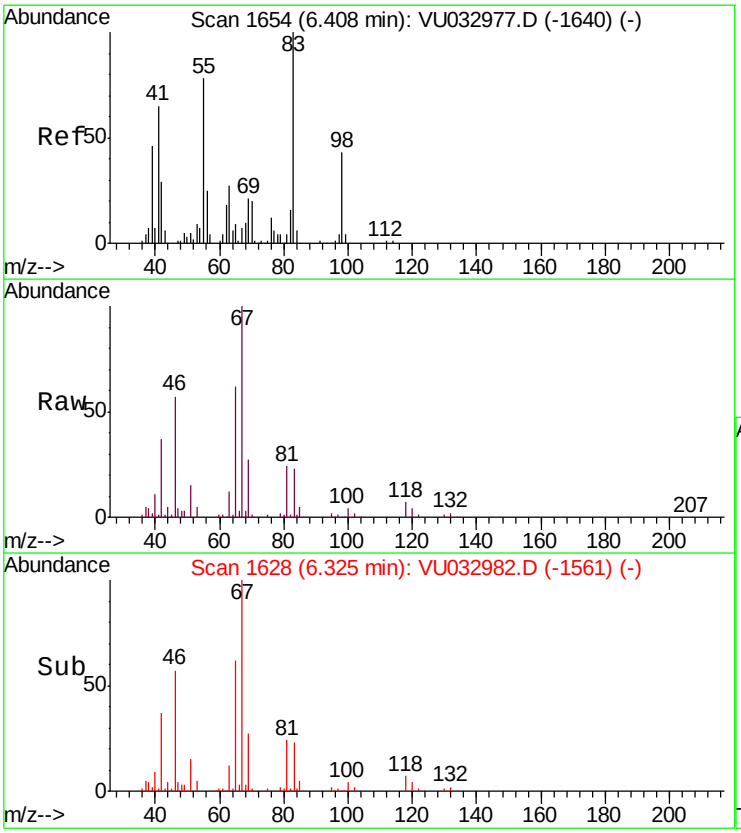
#34
Trichloroethene
Concen: 698.472 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032982.D
Acq: 22 Jun 2019 06:35

Instrument :
MSVOA_U
ClientSampleId :
ETF59

Tgt Ion: 95 Resp: 1026566

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.9	85.3
132	95.7	68.5	127.3
130	98.8	70.8	131.4

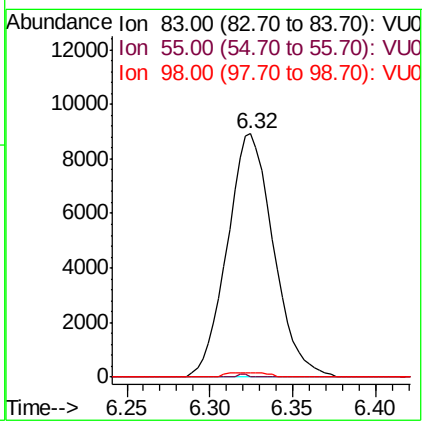


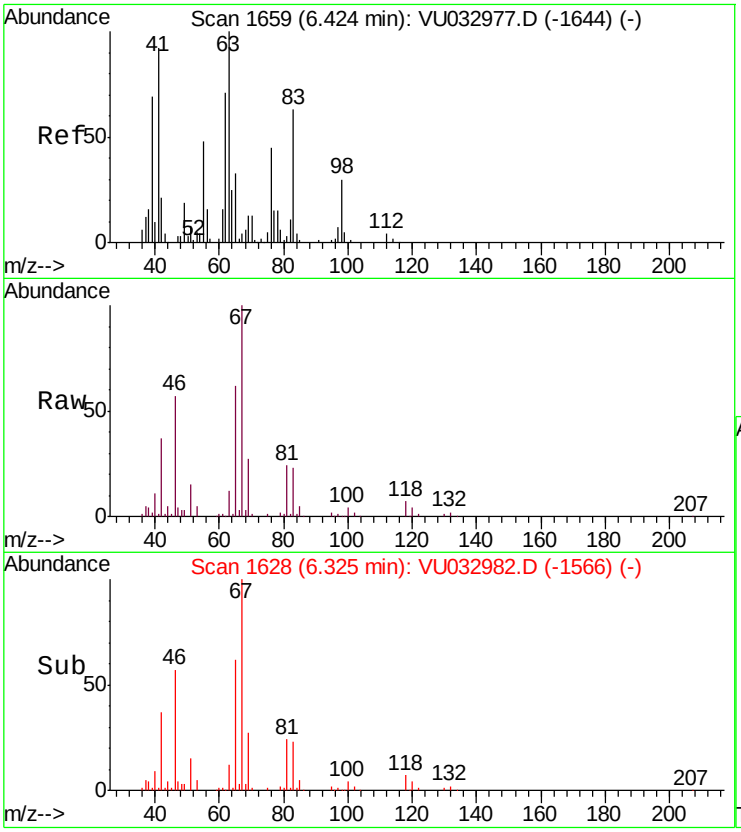


#35
Methylcyclohexane
Concen: 7.632 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032982.D
Acq: 22 Jun 2019 06:35

Tgt Ion: 83 Resp: 17339

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	94.0#
98	0.9	37.4	56.0#



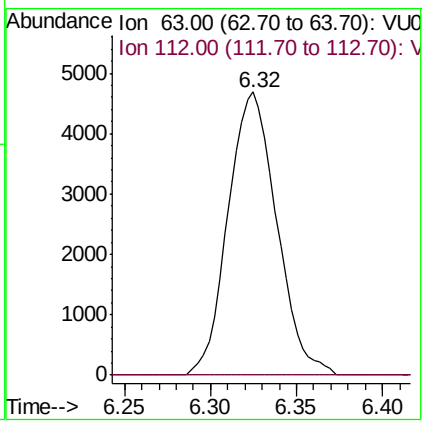


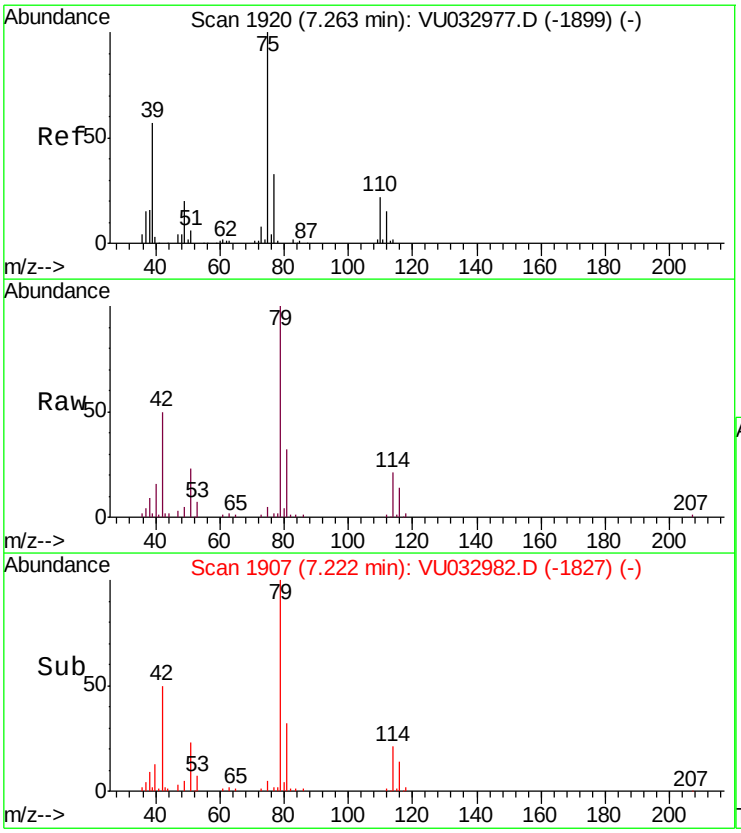
#37
1,2-Dichloropropane
Concen: 6.101 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032982.D
Acq: 22 Jun 2019 06:35

Instrument : MSVOA_U
ClientSampleId : ETF59

Tgt Ion: 63 Resp: 9206

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

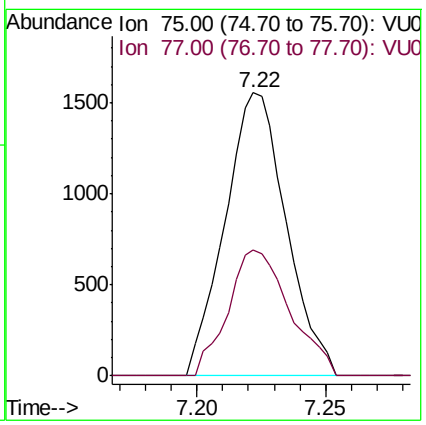


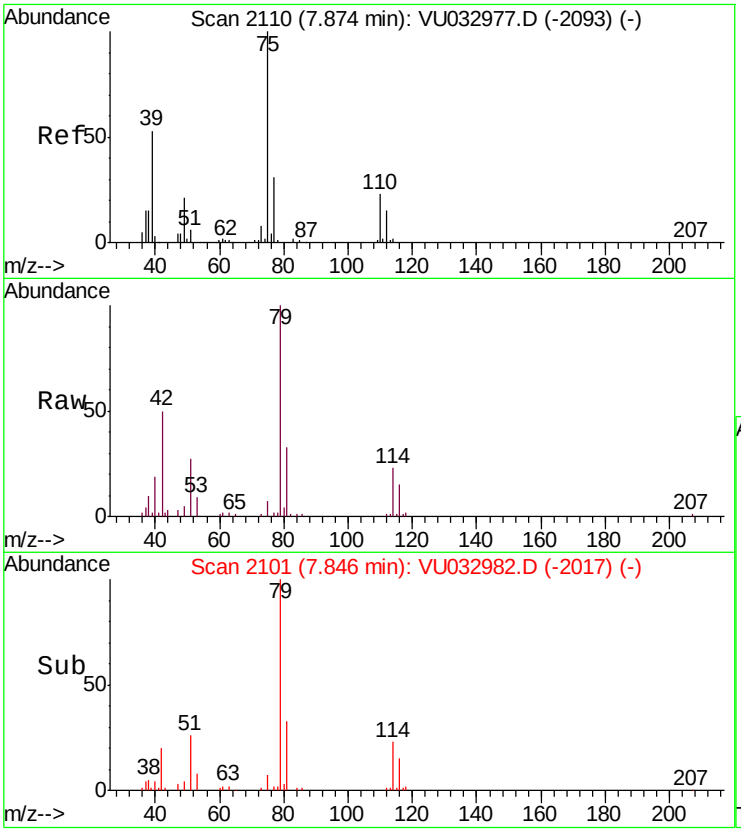


#39
cis-1,3-Dichloropropene
Concen: 1.096 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032982.D
Acq: 22 Jun 2019 06:35

Tgt Ion: 75 Resp: 2577

Ion	Ratio	Lower	Upper
75	100		
77	44.5	21.9	40.7#



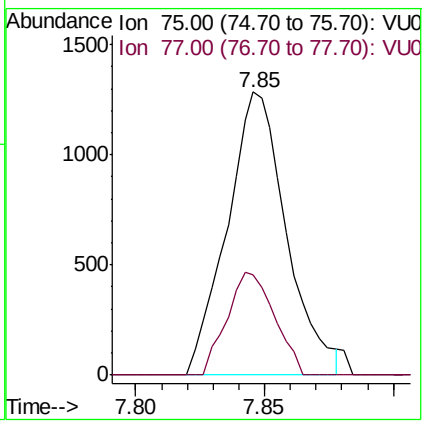


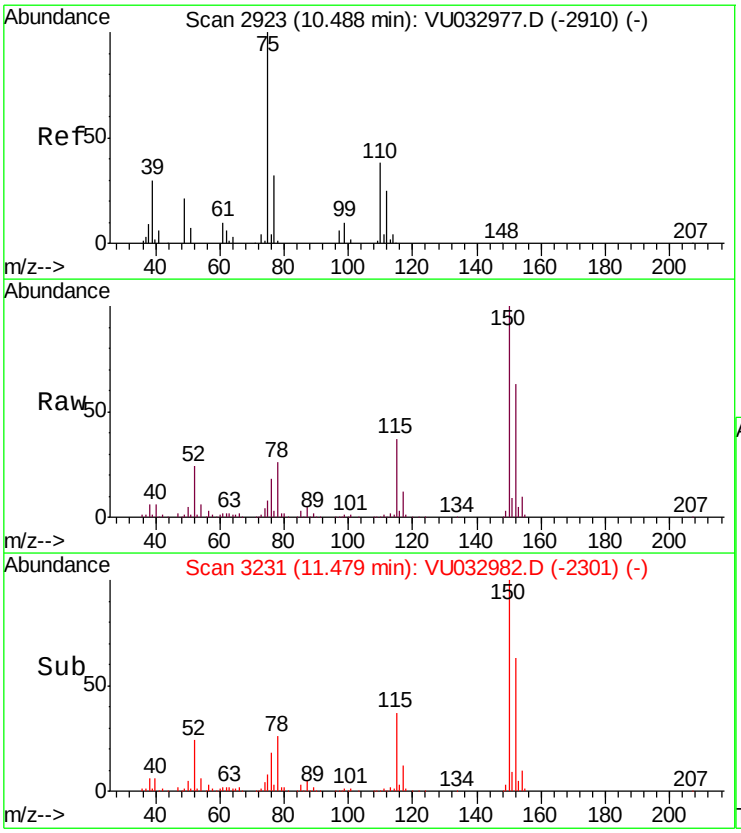
#44
trans-1,3-Dichloropropene
Concen: 0.931 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032982.D
Acq: 22 Jun 2019 06:35

Instrument :
MSVOA_U
ClientSampleId :
ETF59

Tgt Ion: 75 Resp: 2055

Ion	Ratio	Lower	Upper
75	100		
77	35.4	21.8	40.4





#59
1,2,3-Trichloropropane
Concen: 6.024 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032982.D
Acq: 22 Jun 2019 06:35

Tgt Ion: 75 Resp: 12130

Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.5	38.3