Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062519\

Quantitation Report (Not Reviewed)

Data File : VU033044.D
Acq On : 25 Jun 2019 10:57
Operator : JC/SP
Sample : K3478-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF39

Quant Time: Jun 26 07:10:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 07:06:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190317	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	185382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87457	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	60623	46.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.22%			
7) Chloroethane-d5	1.68	69	52144	50.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.54%			
11) 1,1-Dichloroethene-d2	2.26	63	96897	36.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.96%			
21) 2-Butanone-d5	4.17	46	124442	114.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.95%			
24) Chloroform-d	4.64	84	131598	52.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.10%			
26) 1,2-Dichloroethane-d4	5.30	65	92955	55.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.38%			
32) Benzene-d6	5.33	84	252488	52.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.50%			
36) 1,2-Dichloropropane-d6	6.32	67	82396	53.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.04%			
41) Toluene-d8	7.56	98	226888	50.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.26%			
43) trans-1,3-Dichloropropene-	7.84	79	38279	47.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.60%			
47) 2-Hexanone-d5	8.31	63	74157	103.16	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.16%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	120332	50.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.12%			
64) 1,2-Dichlorobenzene-d4	11.85	152	87097	51.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.92%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	24748	14.320	ug/L	95
8) Chloroethane	1.40	64	9007	9.054	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	804	0.632	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	787	0.657	ug/L #	1
13) Acetone	2.32	43	3046	2.037	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	19524	13.790	ug/L	99
27) 1,2-Dichloroethane	5.33	62	1809	0.862	ug/L #	77
37) 1,2-Dichloropropane	6.32	63	10432	7.121	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3077	1.348	ug/L #	78
44) trans-1,3-Dichloropropene	7.84	75	2020	0.942	ug/L #	79
48) 2-Hexanone	8.36	43	4016	1.946	ug/L #	50
59) 1,2,3-Trichloropropane	11.48	75	11031	5.643	ug/L	89

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

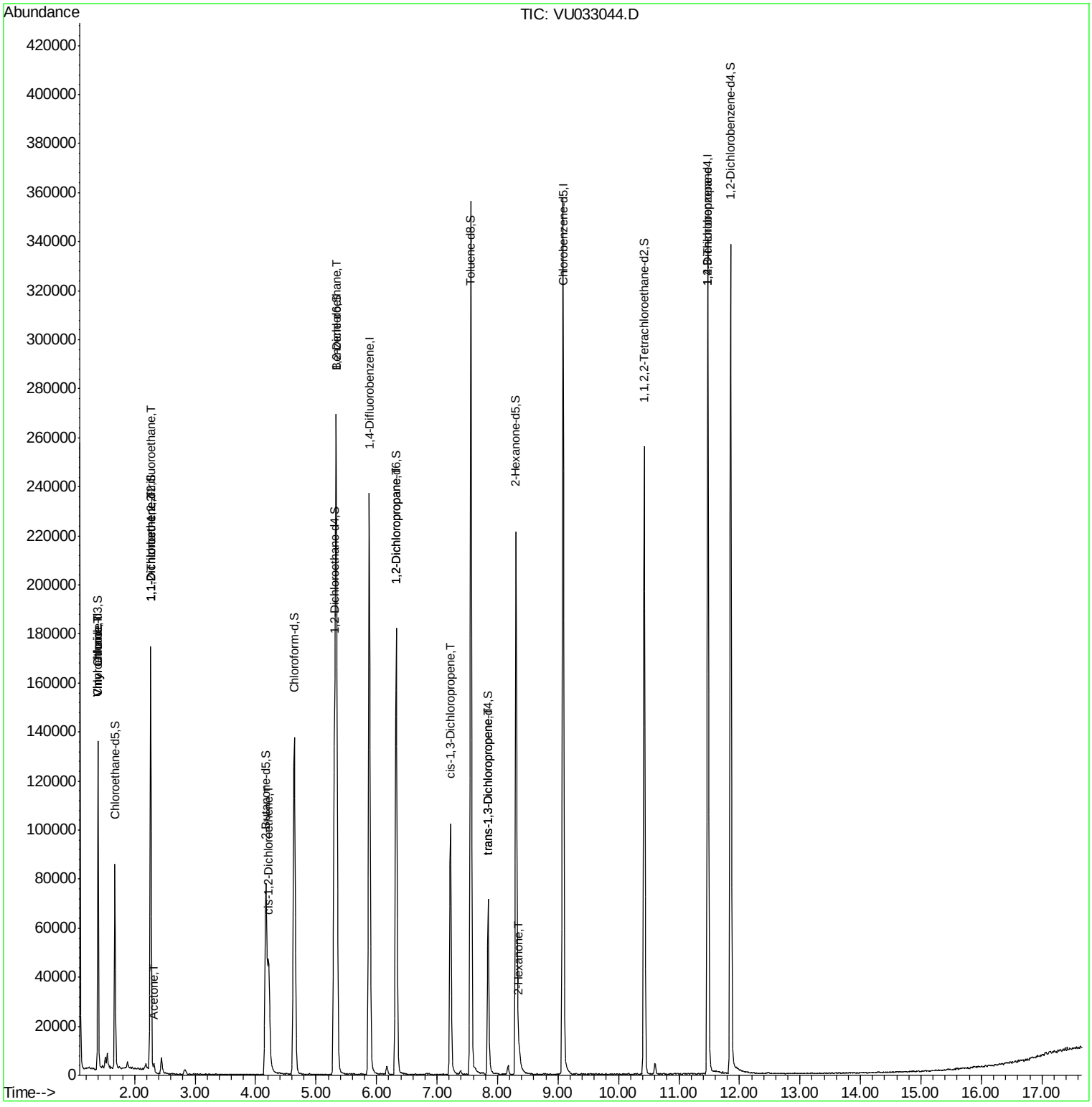
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062519\

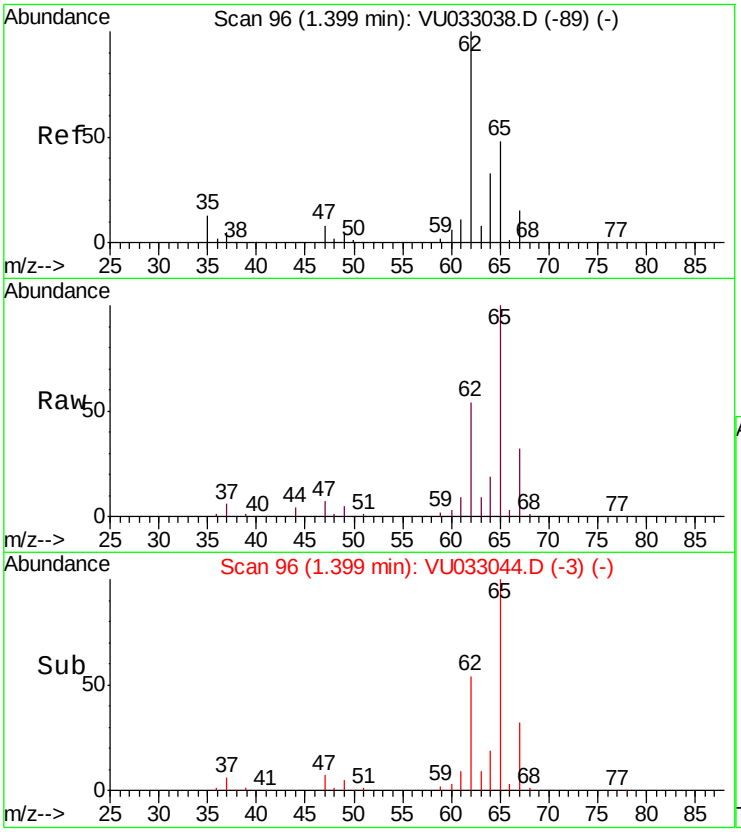
Quantitation Report (Not Reviewed)

Data File : VU033044.D
Acq On : 25 Jun 2019 10:57
Operator : JC/SP
Sample : K3478-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF39

Quant Time: Jun 26 07:10:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 07:06:36 2019
Response via : Initial Calibration



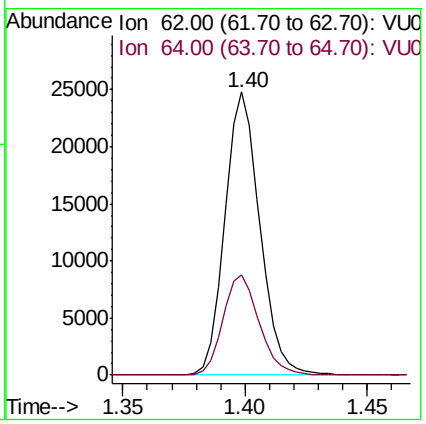


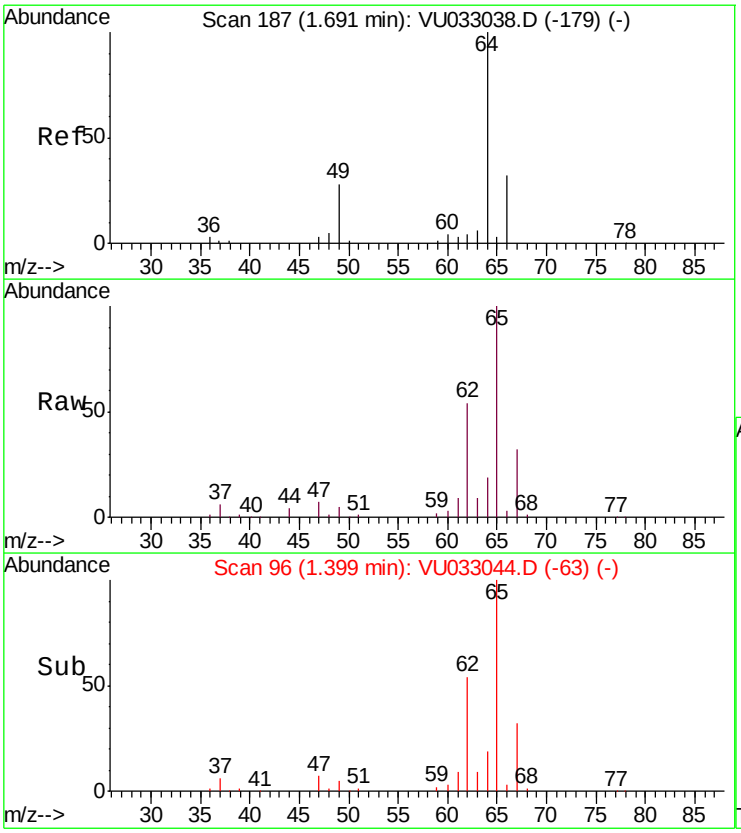
#5
Vinyl chloride
Concen: 14.320 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU033044.D
Acq: 25 Jun 2019 10:57

Instrument :
MSVOA_U
ClientSampleId :
ETF39

Tgt Ion: 62 Resp: 24748

Ion	Ratio	Lower	Upper
62	100		
64	35.4	23.0	42.6

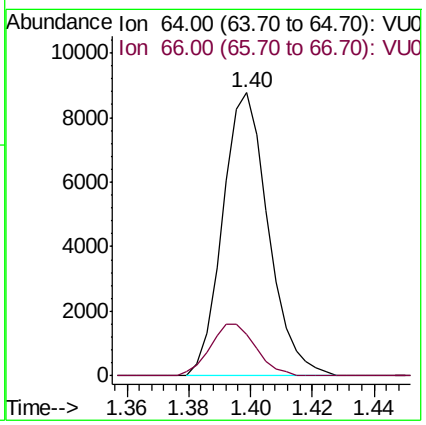


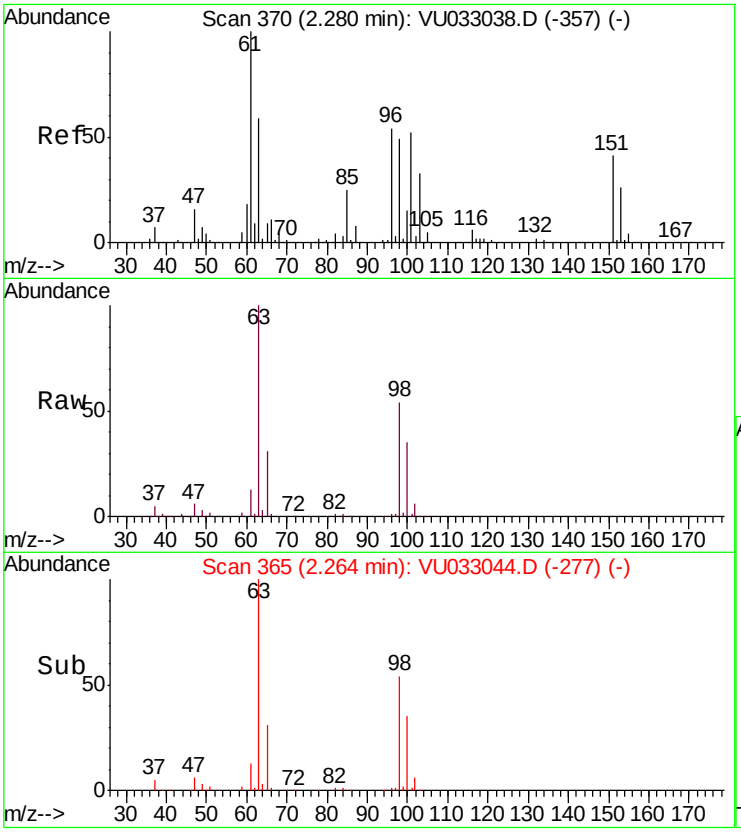


#8
Chloroethane
Concen: 9.054 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.29 min
Lab File: VU033044.D
Acq: 25 Jun 2019 10:57

Tgt Ion: 64 Resp: 9007

Ion	Ratio	Lower	Upper
64	100		
66	14.8	22.5	41.7#



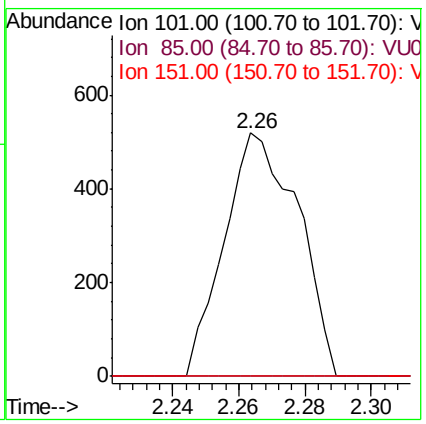


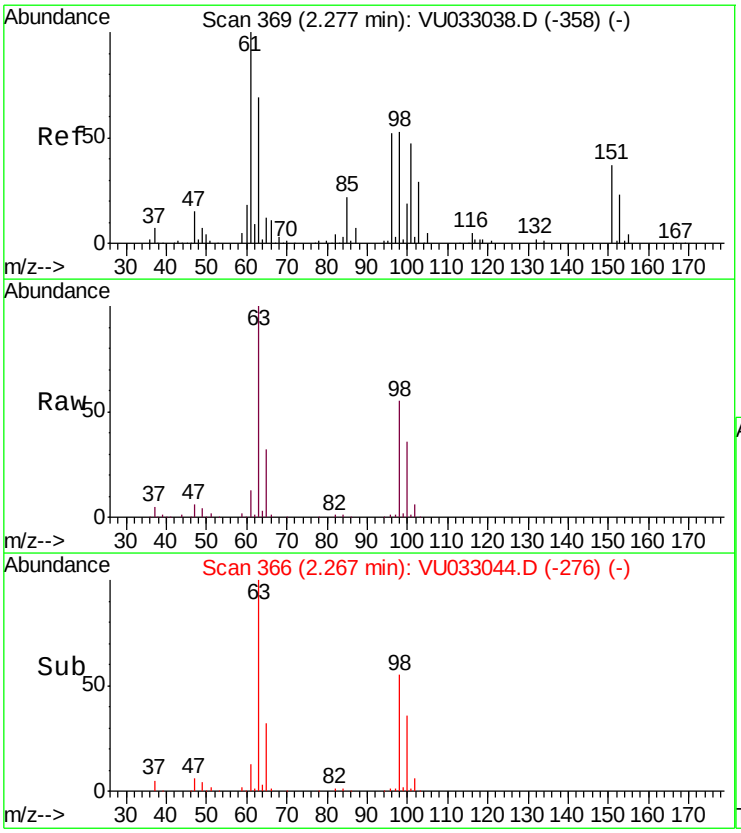
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.632 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU033044.D
Acq: 25 Jun 2019 10:57

Instrument :
MSVOA_U
ClientSampleId :
ETF39

Tgt Ion:101 Resp: 804

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#

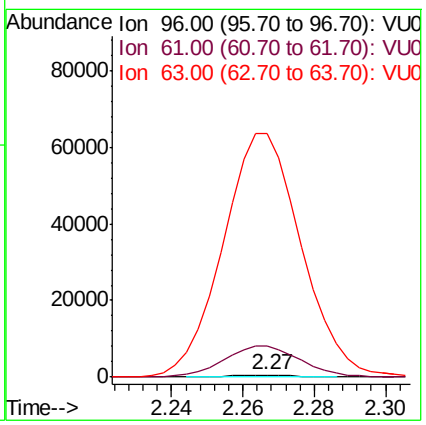


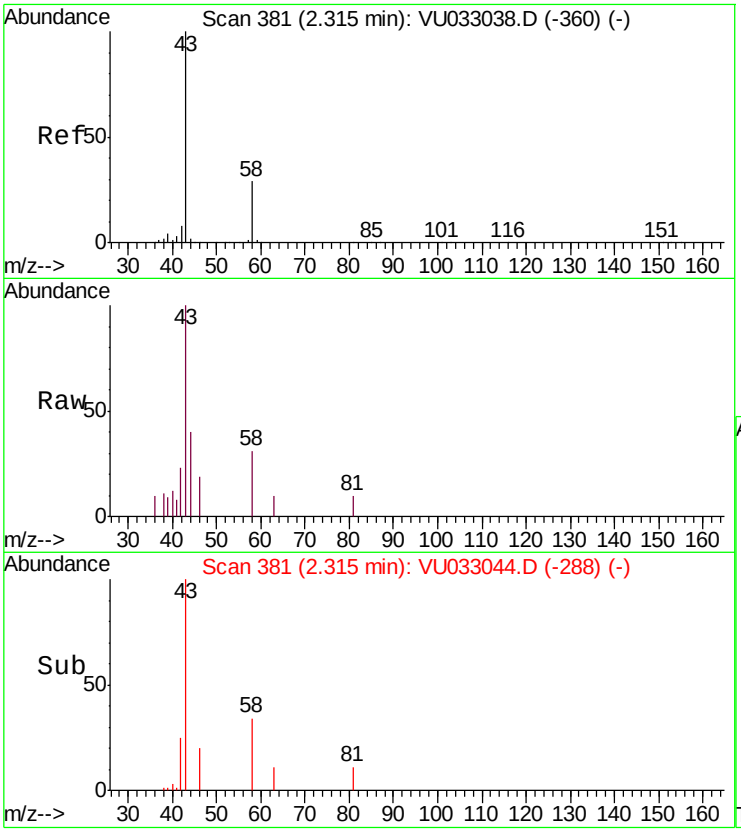


#12
1,1-Dichloroethene
Concen: 0.657 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU033044.D
Acq: 25 Jun 2019 10:57

Tgt Ion: 96 Resp: 787

Ion	Ratio	Lower	Upper
96	100		
61	1376.5	131.0	243.4#
63	10969.3	101.0	187.6#



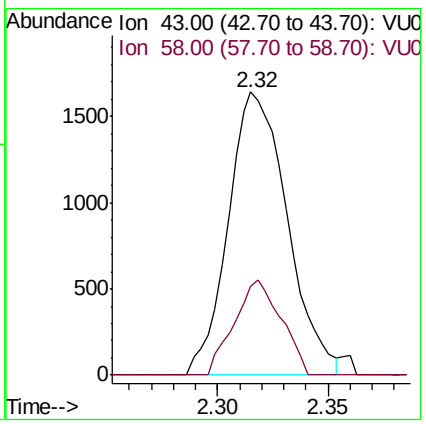


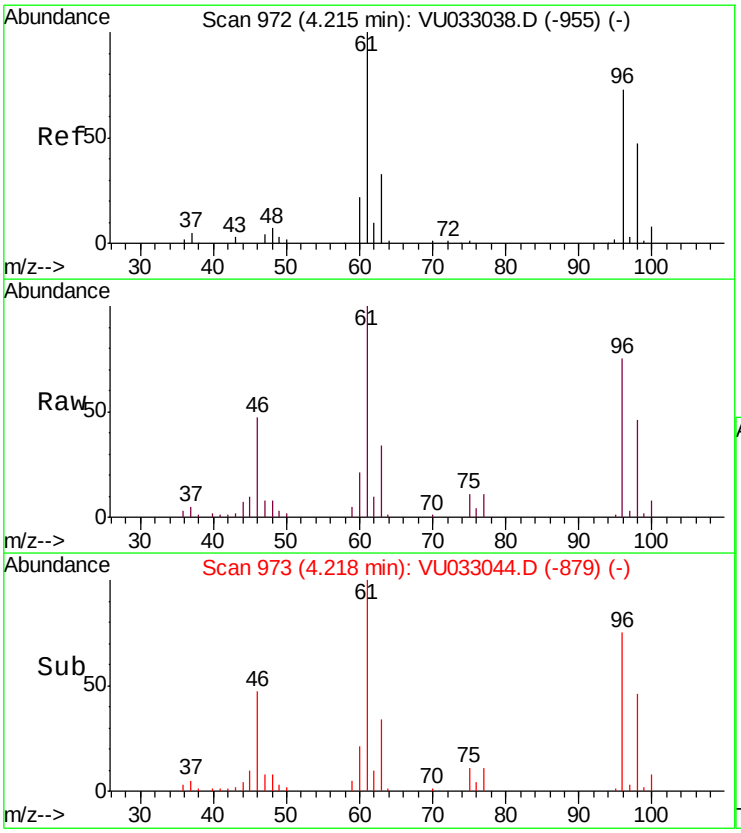
#13
Acetone
Concen: 2.037 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU033044.D
Acq: 25 Jun 2019 10:57

Instrument :
MSVOA_U
ClientSampleId :
ETF39

Tgt Ion: 43 Resp: 3046

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	60.6

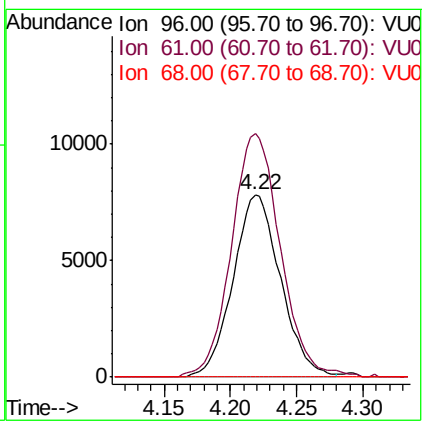


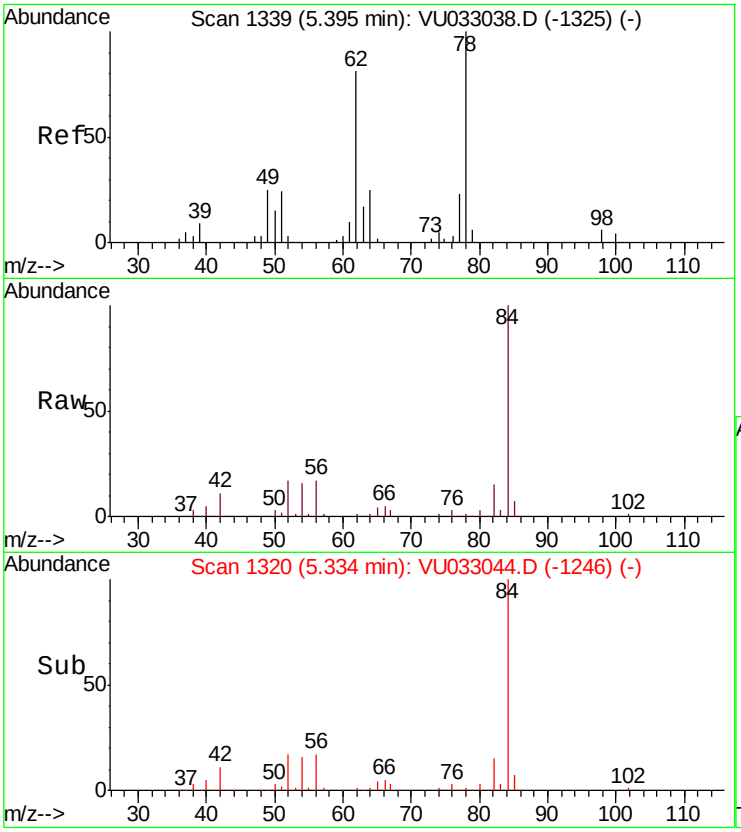


#20
cis-1,2-Dichloroethene
Concen: 13.790 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU033044.D
Acq: 25 Jun 2019 10:57

Tgt Ion: 96 Resp: 19524

Ion	Ratio	Lower	Upper
96	100		
61	133.2	92.4	171.6
68	0.0	0.0	0.0



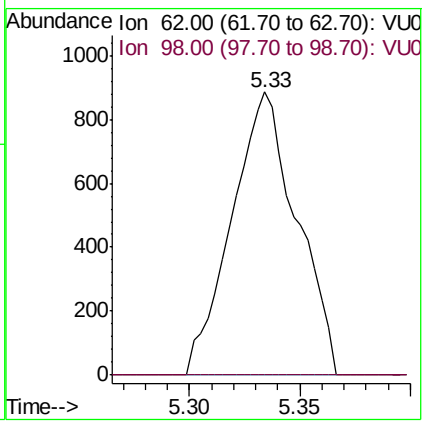


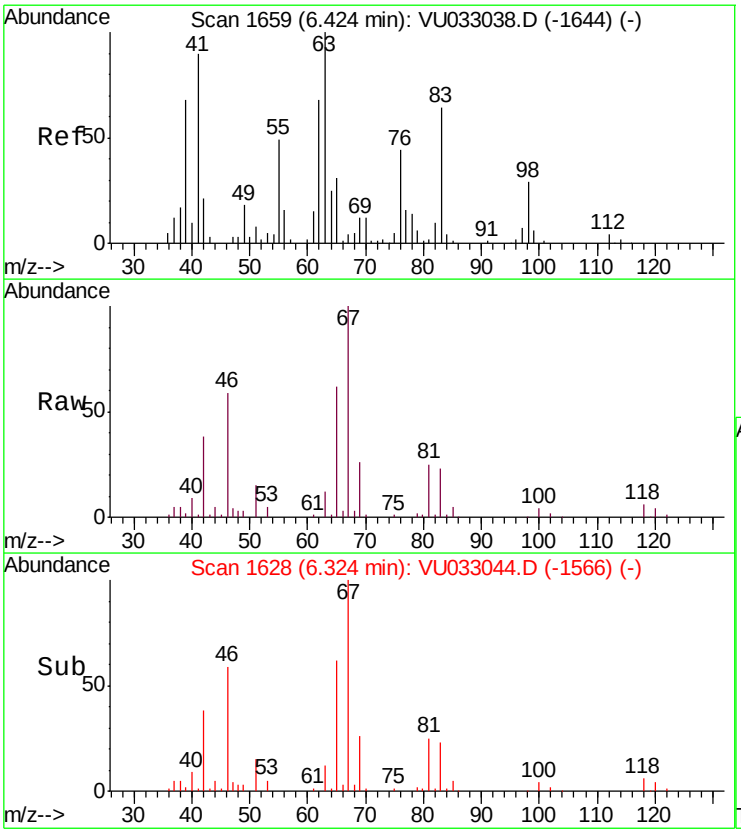
#27
1,2-Dichloroethane
Concen: 0.862 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU033044.D
Acq: 25 Jun 2019 10:57

Instrument :
MSVOA_U
ClientSampleId :
ETF39

Tgt Ion: 62 Resp: 1809

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

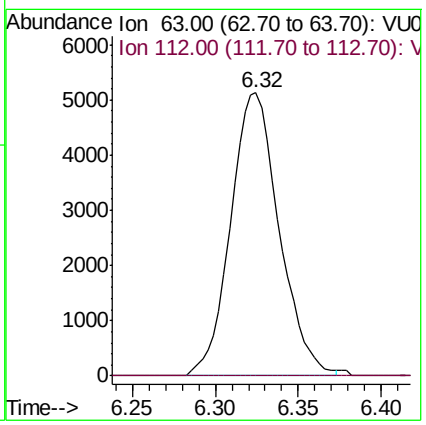


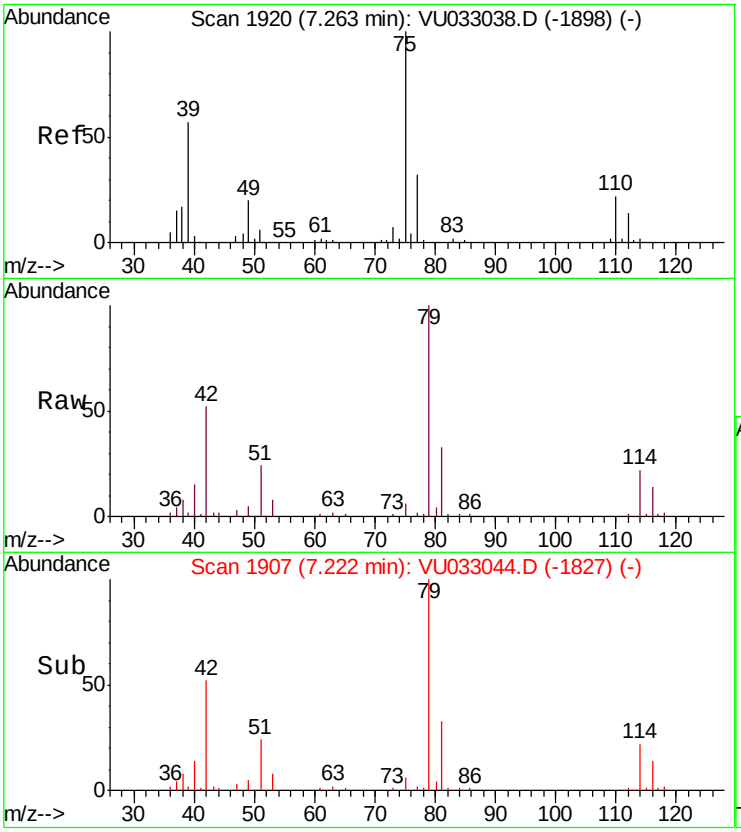


#37
1,2-Dichloropropane
Concen: 7.121 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU033044.D
Acq: 25 Jun 2019 10:57

Tgt Ion: 63 Resp: 10432

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



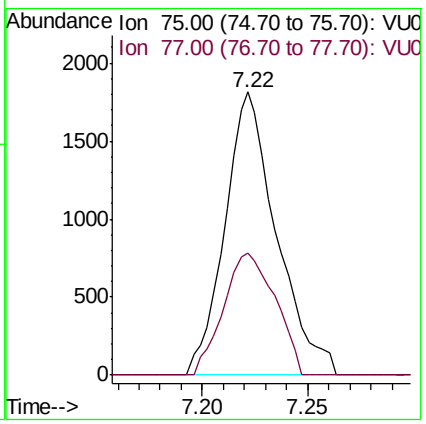


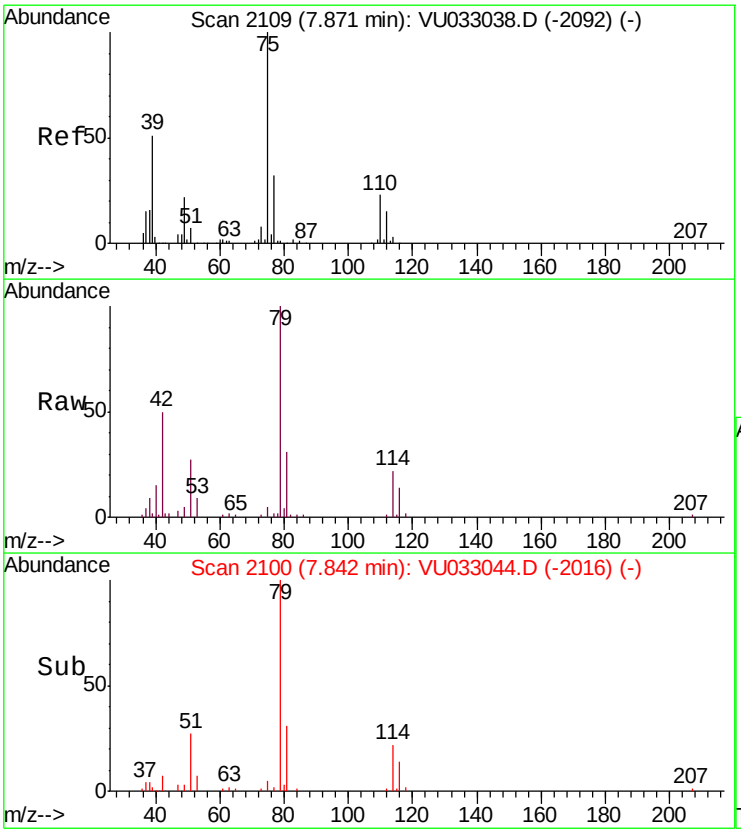
#39
cis-1,3-Dichloropropene
Concen: 1.348 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU033044.D
Acq: 25 Jun 2019 10:57

Instrument :
MSVOA_U
ClientSampleId :
ETF39

Tgt Ion: 75 Resp: 3077

Ion	Ratio	Lower	Upper
75	100		
77	43.2	21.9	40.7#

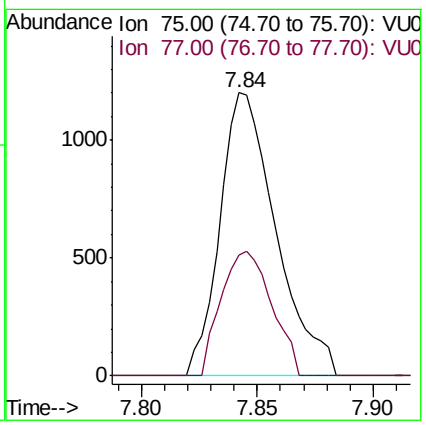


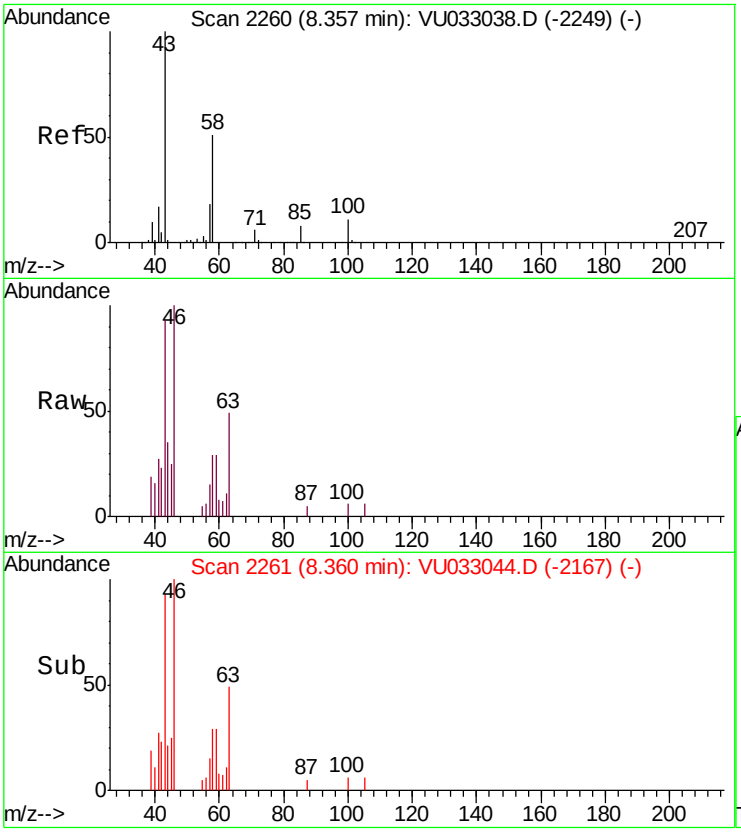


#44
trans-1,3-Dichloropropene
Concen: 0.942 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU033044.D
Acq: 25 Jun 2019 10:57

Tgt Ion: 75 Resp: 2020

Ion	Ratio	Lower	Upper
75	100		
77	42.8	21.8	40.4#



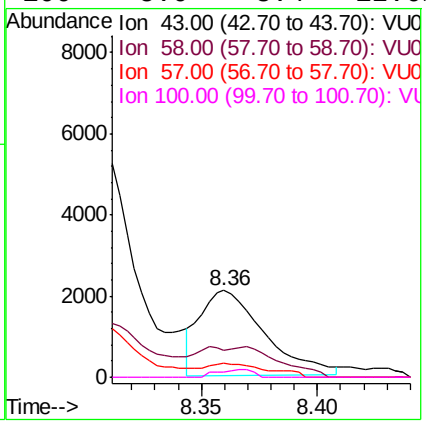


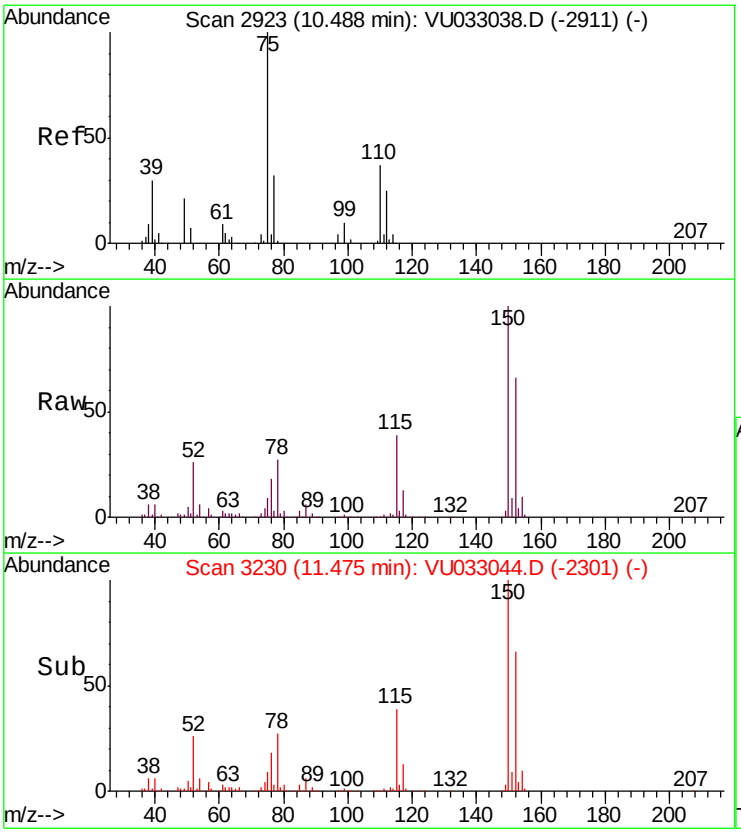
#48
2-Hexanone
Concen: 1.946 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU033044.D
Acq: 25 Jun 2019 10:57

Instrument : MSVOA_U
ClientSampleId : ETF39

Tgt Ion: 43 Resp: 4016

Ion	Ratio	Lower	Upper
43	100		
58	3.9	40.2	60.2#
57	7.0	14.2	21.4#
100	5.0	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 5.643 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU033044.D
Acq: 25 Jun 2019 10:57

Tgt Ion: 75 Resp: 11031

Ion	Ratio	Lower	Upper
75	100		
77	38.3	25.5	38.3