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

Quantitation Report (Not Reviewed)

Data File : VU032956.D
Acq On : 21 Jun 2019 19:52
Operator : JC/SP
Sample : K3463-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF16

Quant Time: Jun 22 01:59:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	192153	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	188046	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88373	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	47116	35.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.76%			
7) Chloroethane-d5	1.68	69	42468	40.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.10%			
11) 1,1-Dichloroethene-d2	2.27	63	75161	28.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.82%#			
21) 2-Butanone-d5	4.17	46	119597	109.42	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.42%			
24) Chloroform-d	4.64	84	113869	44.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	5.30	65	81140	47.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.44%			
32) Benzene-d6	5.33	84	210421	42.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.86%			
36) 1,2-Dichloropropane-d6	6.32	67	72085	46.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.32%			
41) Toluene-d8	7.56	98	184085	40.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.20%			
43) trans-1,3-Dichloropropene-	7.85	79	33313	41.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.02%			
47) 2-Hexanone-d5	8.31	63	70233	96.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.32%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114264	47.33	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.66%			
64) 1,2-Dichlorobenzene-d4	11.85	152	78902	46.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.28%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	172695	98.971	ug/L	98
12) 1,1-Dichloroethene	2.27	96	1363	1.126	ug/L #	1
17) trans-1,2-Dichloroethene	2.98	96	1080	0.823	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	364525	255.003	ug/L	97
27) 1,2-Dichloroethane	5.33	62	1499	0.707	ug/L #	77
39) cis-1,3-Dichloropropene	7.22	75	2590	1.119	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1625	0.747	ug/L #	79
48) 2-Hexanone	8.36	43	2389	1.141	ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	11641	5.870	ug/L	90

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

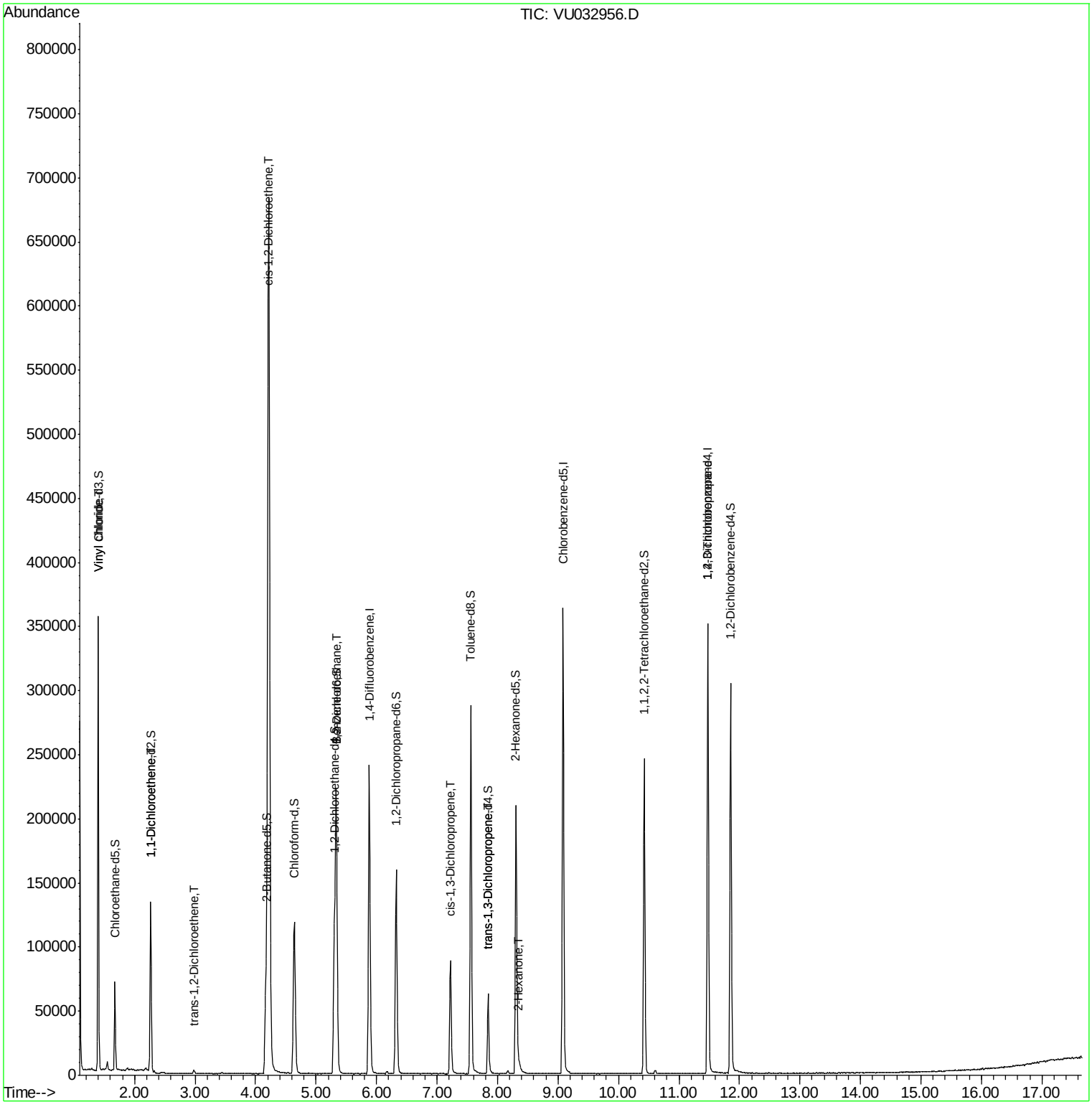
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

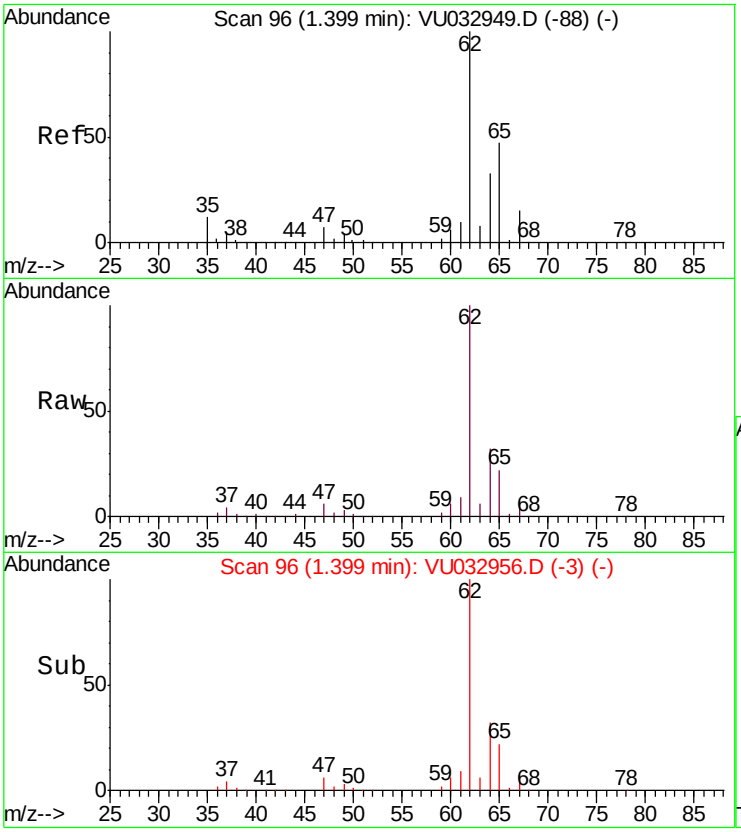
Quantitation Report (Not Reviewed)

Data File : VU032956.D
Acq On : 21 Jun 2019 19:52
Operator : JC/SP
Sample : K3463-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF16

Quant Time: Jun 22 01:59:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration



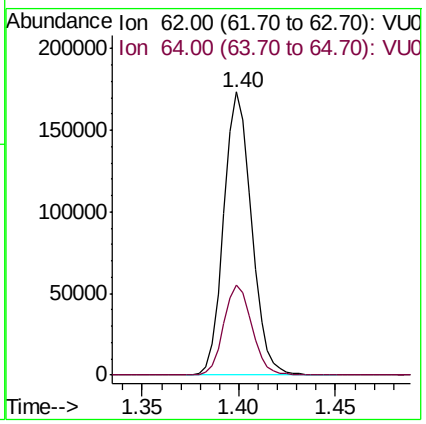


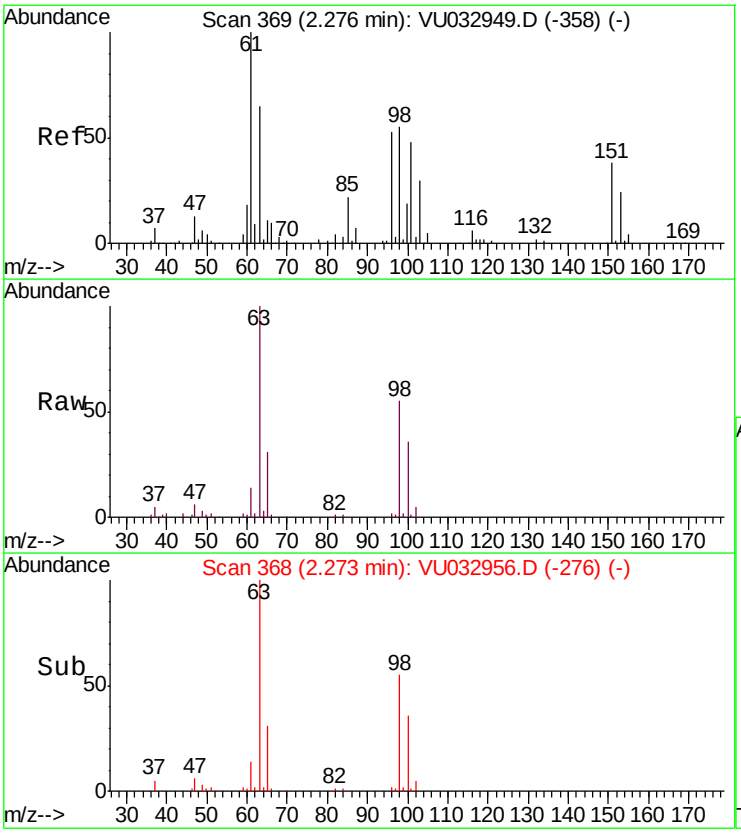
#5
Vinyl chloride
Concen: 98.971 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU032956.D
Acq: 21 Jun 2019 19:52

Instrument :
MSVOA_U
ClientSampleId :
ETF16

Tgt Ion: 62 Resp: 172695

Ion	Ratio	Lower	Upper
62	100		
64	31.9	23.0	42.6

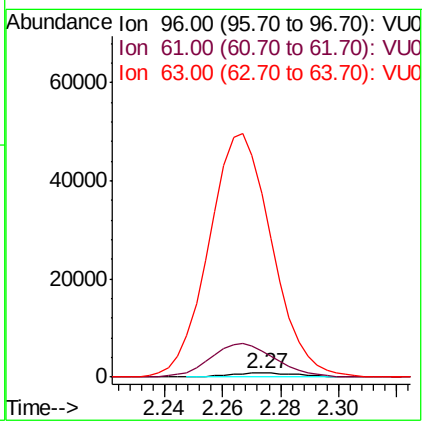


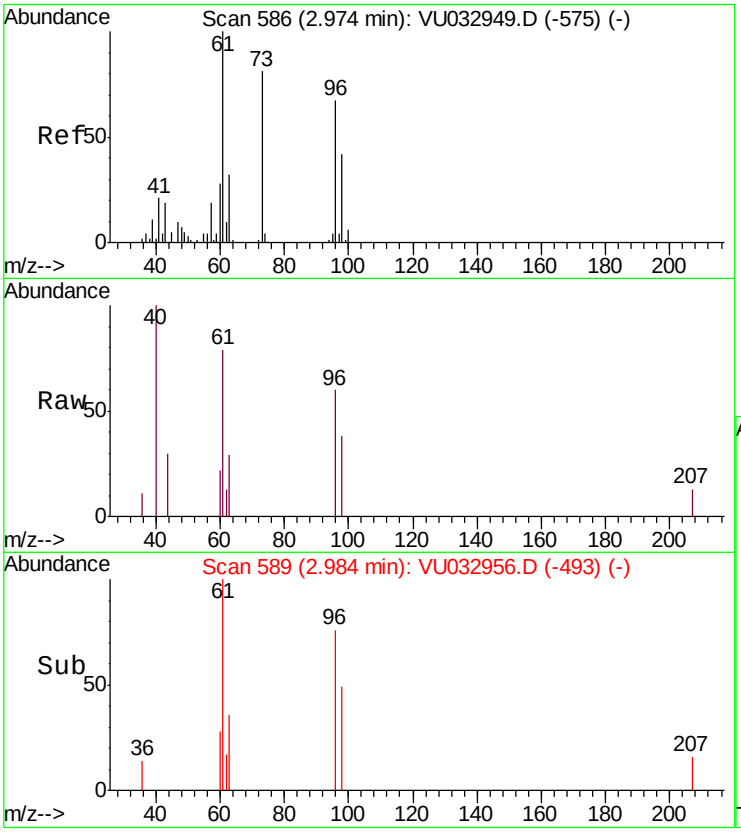


#12
1,1-Dichloroethene
Concen: 1.126 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.00 min
Lab File: VU032956.D
Acq: 21 Jun 2019 19:52

Tgt Ion: 96 Resp: 1363

Ion	Ratio	Lower	Upper
96	100		
61	637.8	131.0	243.4#
63	4429.4	101.0	187.6#



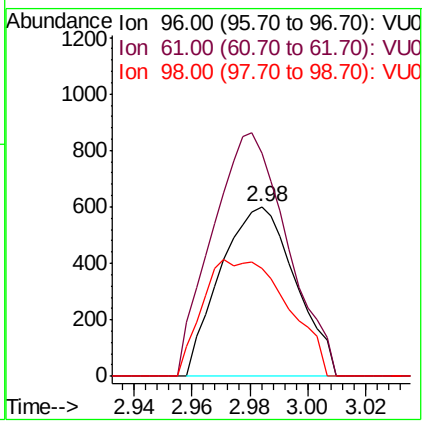


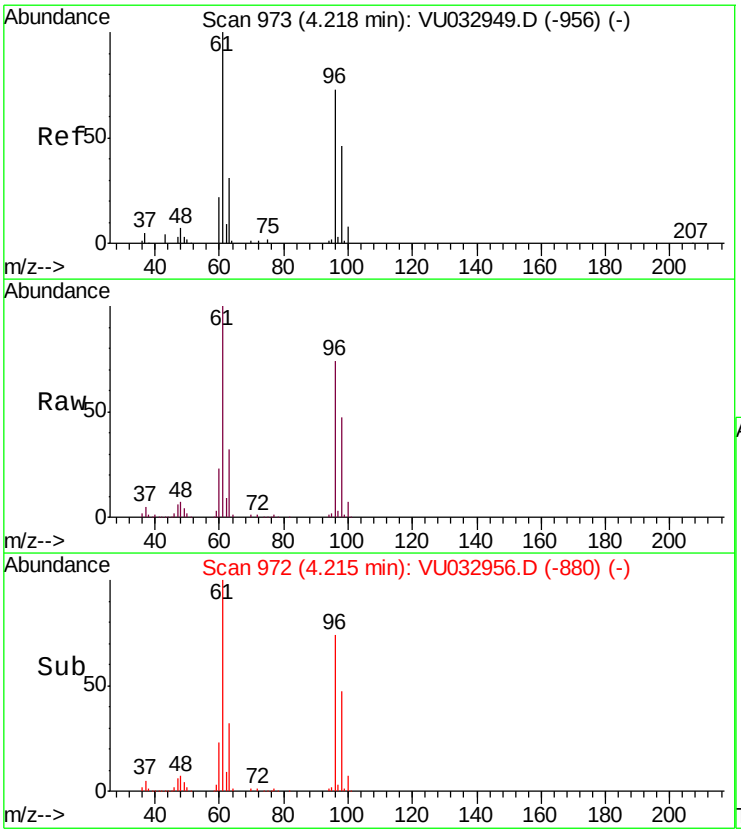
#17
trans-1,2-Dichloroethene
Concen: 0.823 ug/L
RT: 2.98 min Scan# 589
Delta R.T. 0.01 min
Lab File: VU032956.D
Acq: 21 Jun 2019 19:52

Instrument :
MSVOA_U
ClientSampleId :
ETF16

Tgt Ion: 96 Resp: 1080

Ion	Ratio	Lower	Upper
96	100		
61	131.7	100.9	187.5
98	64.0	44.0	81.8

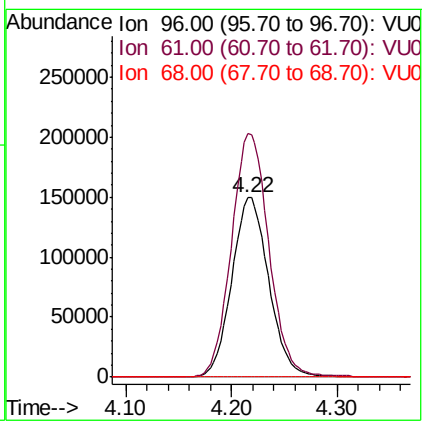


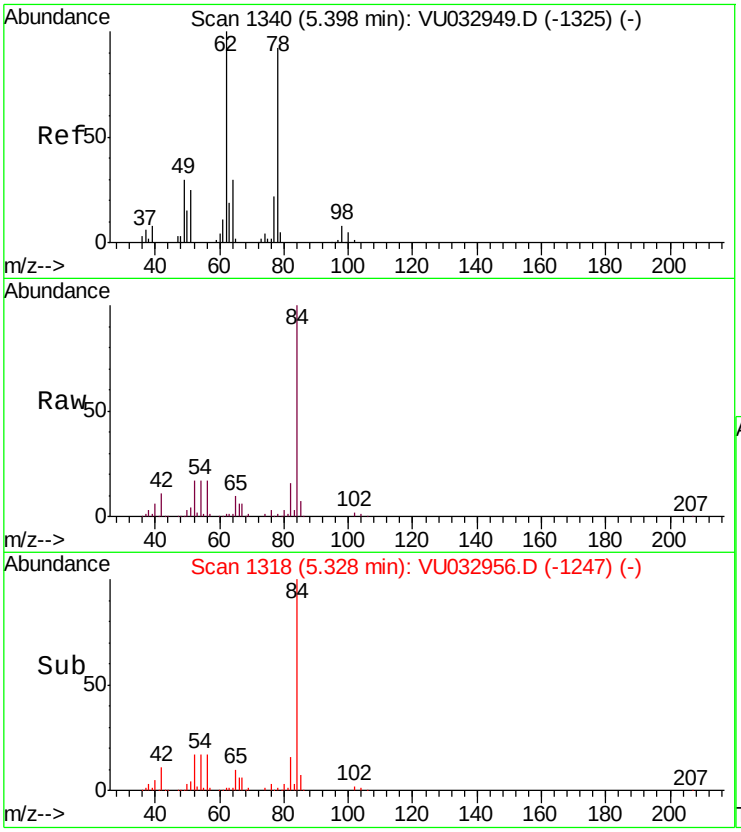


#20
cis-1,2-Dichloroethene
Concen: 255.003 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032956.D
Acq: 21 Jun 2019 19:52

Tgt Ion: 96 Resp: 364525

Ion	Ratio	Lower	Upper
96	100		
61	135.9	92.4	171.6
68	0.0	0.0	0.0



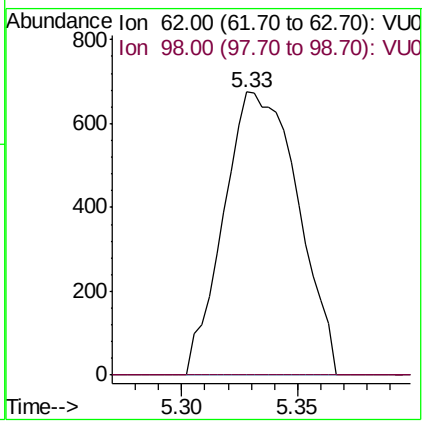


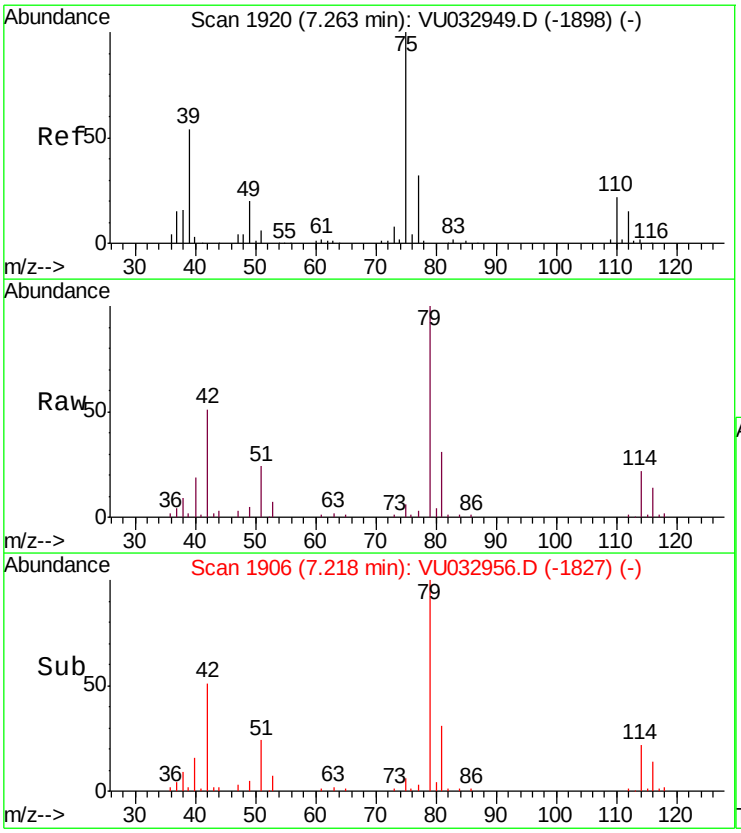
#27
1,2-Dichloroethane
Concen: 0.707 ug/L
RT: 5.33 min Scan# 1318
Delta R.T. -0.07 min
Lab File: VU032956.D
Acq: 21 Jun 2019 19:52

Instrument :
MSVOA_U
ClientSampleId :
ETF16

Tgt Ion: 62 Resp: 1499

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

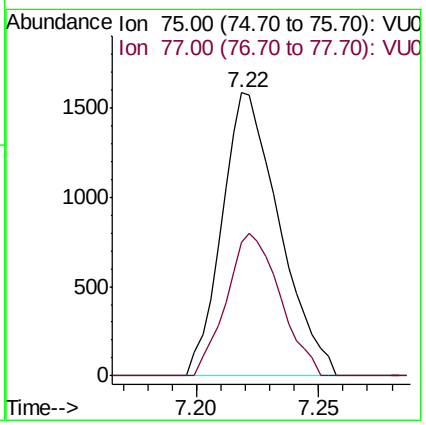


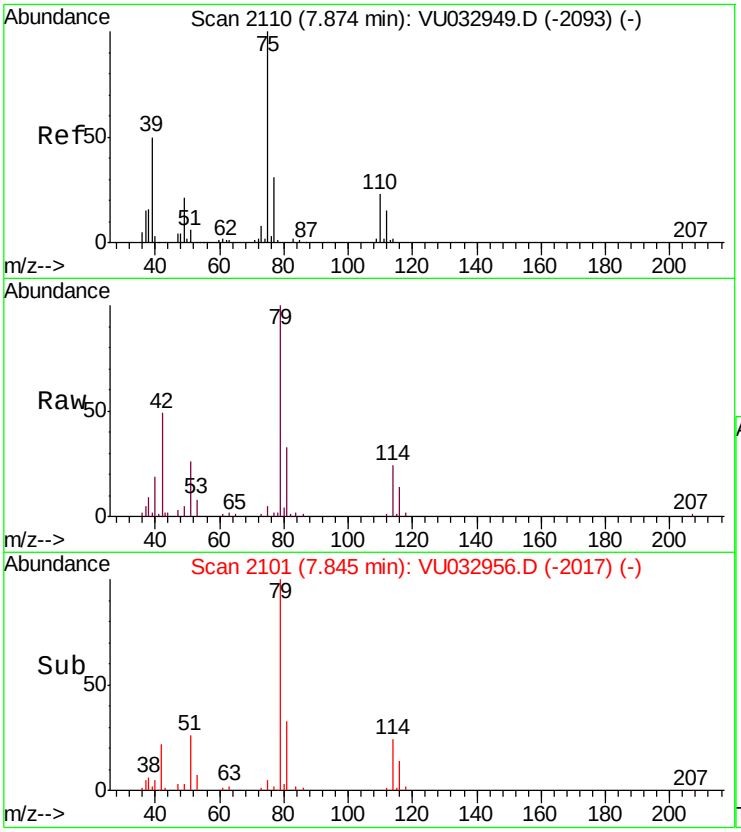


#39
cis-1,3-Dichloropropene
Concen: 1.119 ug/L
RT: 7.22 min Scan# 1906
Delta R.T. -0.04 min
Lab File: VU032956.D
Acq: 21 Jun 2019 19:52

Tgt Ion: 75 Resp: 2590

Ion	Ratio	Lower	Upper
75	100		
77	47.1	21.9	40.7#



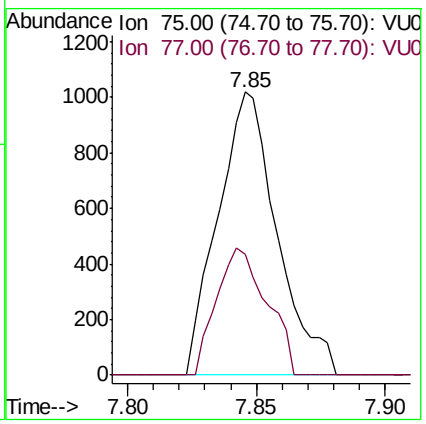


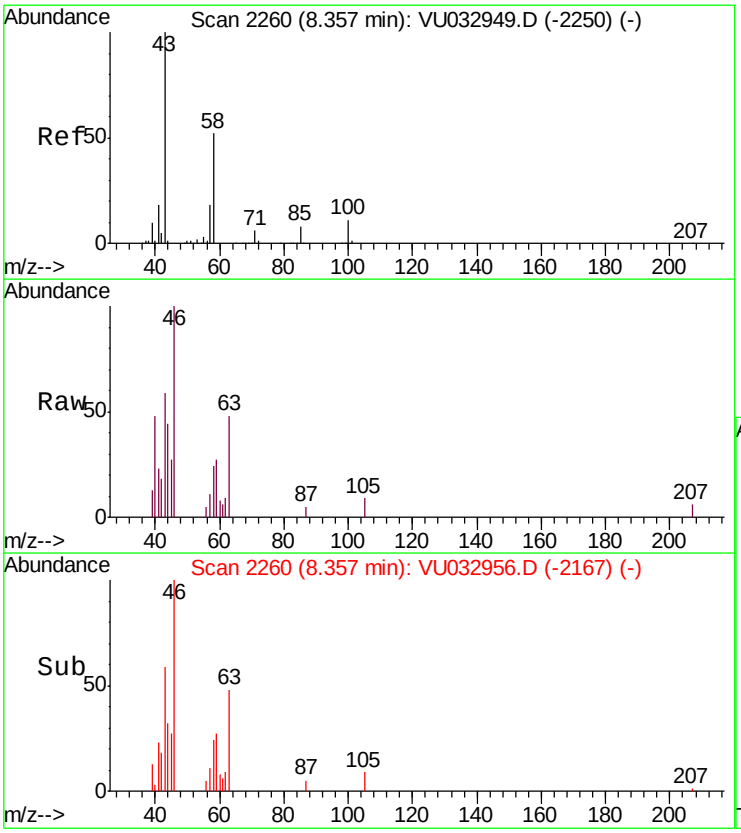
#44
trans-1,3-Dichloropropene
Concen: 0.747 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032956.D
Acq: 21 Jun 2019 19:52

Instrument :
MSVOA_U
ClientSampleId :
ETF16

Tgt Ion: 75 Resp: 1625

Ion	Ratio	Lower	Upper
75	100		
77	42.8	21.8	40.4#

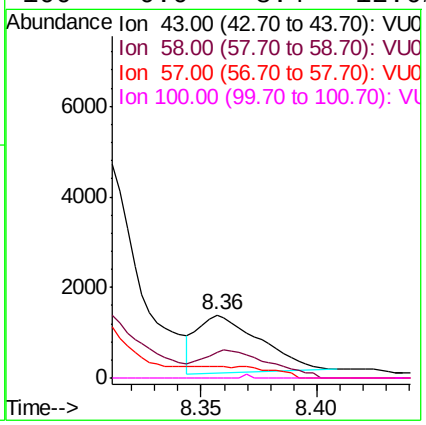


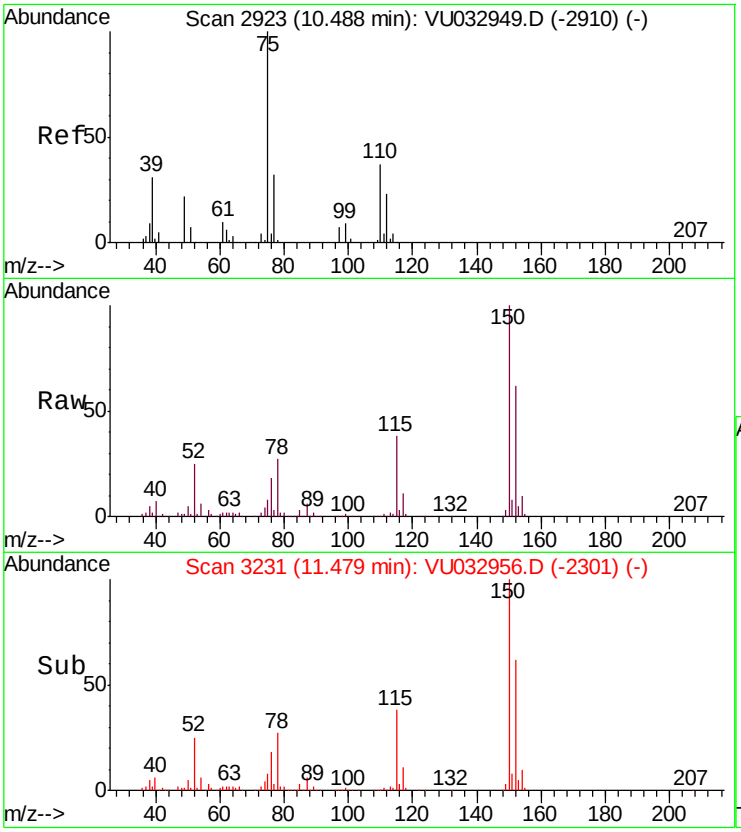


#48
2-Hexanone
Concen: 1.141 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.00 min
Lab File: VU032956.D
Acq: 21 Jun 2019 19:52

Tgt Ion: 43 Resp: 2389

Ion	Ratio	Lower	Upper
43	100		
58	52.4	40.2	60.2
57	0.0	14.2	21.4#
100	0.0	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 5.870 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032956.D
Acq: 21 Jun 2019 19:52

Instrument :
MSVOA_U
ClientSampleId :
ETF16

Tgt Ion: 75 Resp: 11641

Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.5	38.3