Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021219\
Data File : VU029424.D
Acq On : 12 Feb 2019 16:56
Operator : JC/SP
Sample : K1436-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXA5

Quant Time: Feb 13 13:40:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	199600	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187667	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102662	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	72012	5.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.40%			
7) Chloroethane-d5	1.68	69	60693	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.40%			
11) 1,1-Dichloroethene-d2	2.27	63	120753	4.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.80%			
20) 2-Butanone-d5	4.19	46	151369	54.29	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.58%			
24) Chloroform-d	4.65	84	116208	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.00%			
26) 1,2-Dichloroethane-d4	5.31	65	60694	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.80%			
32) Benzene-d6	5.34	84	247178	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.60%			
36) 1,2-Dichloropropane-d6	6.33	67	71771	5.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.60%			
41) Toluene-d8	7.56	98	239220	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.40%			
43) trans-1,3-Dichloropropene-	7.85	79	29022	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
46) 2-Hexanone-d5	8.31	63	148258	54.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59027	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	100110	5.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	124252	6.464	ug/L	85
12) 1,1-Dichloroethene	2.28	96	10251	0.624	ug/L #	1
13) Acetone	2.32	43	4105	1.621	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	96025	5.482	ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	3125320	193.974	ug/L	98
34) Trichloroethene	6.18	95	5006	0.322	ug/L	81
53) m,p-xylene	9.37	106	5520	0.197	ug/L	86

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

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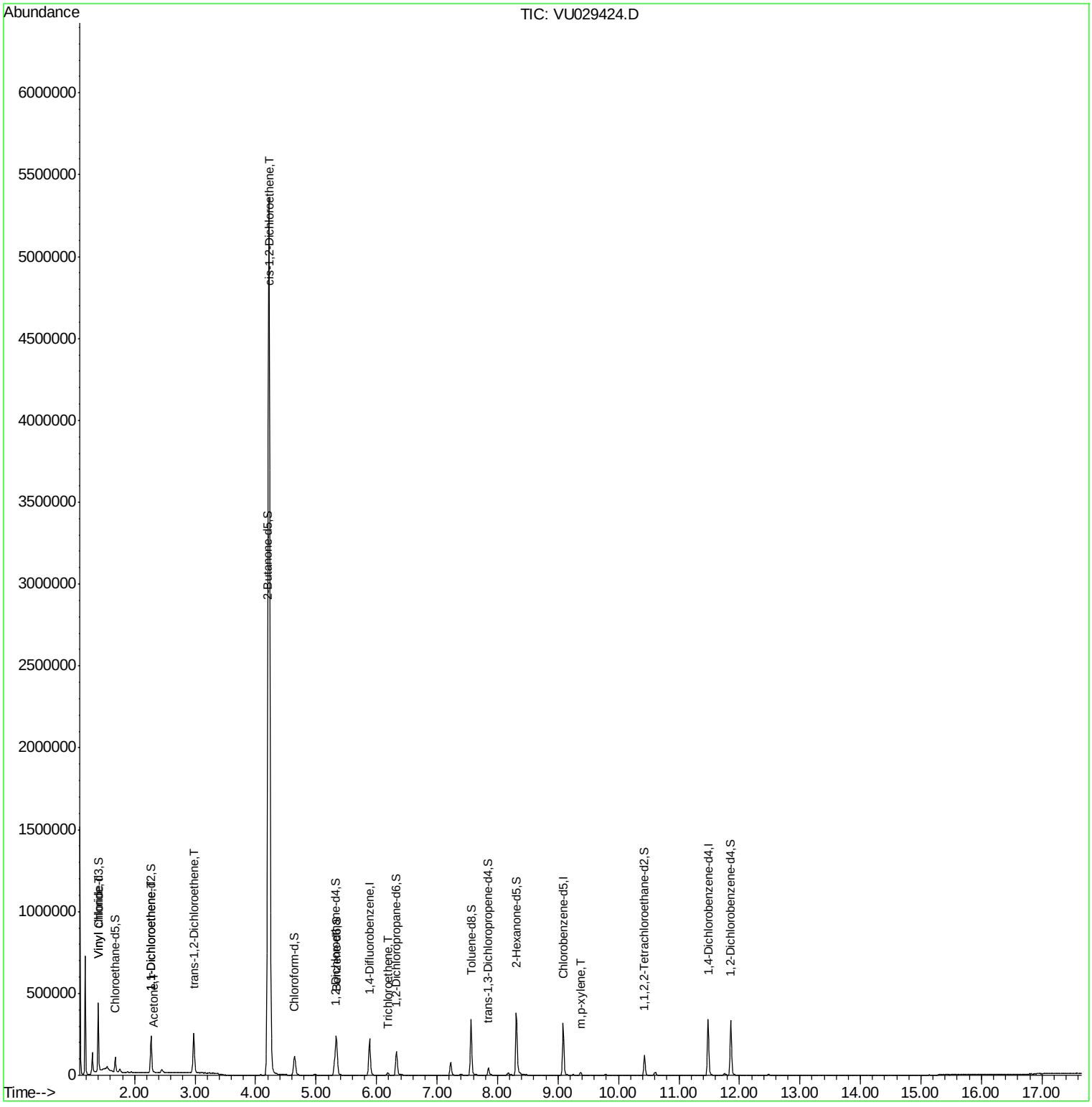
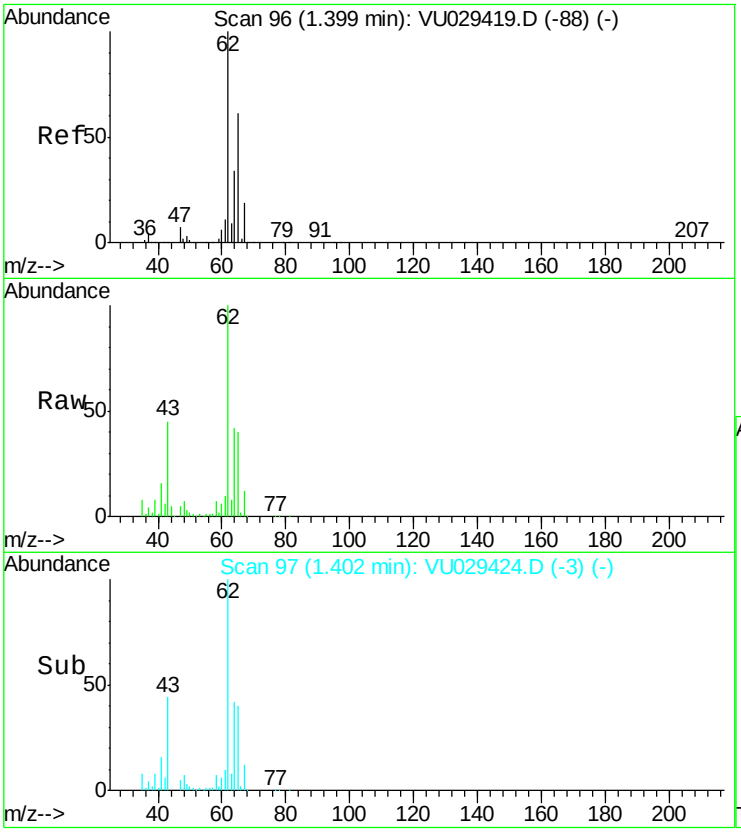


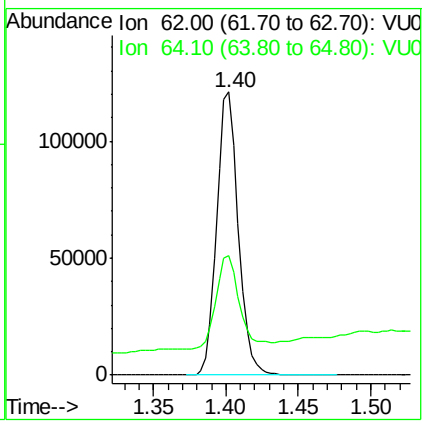


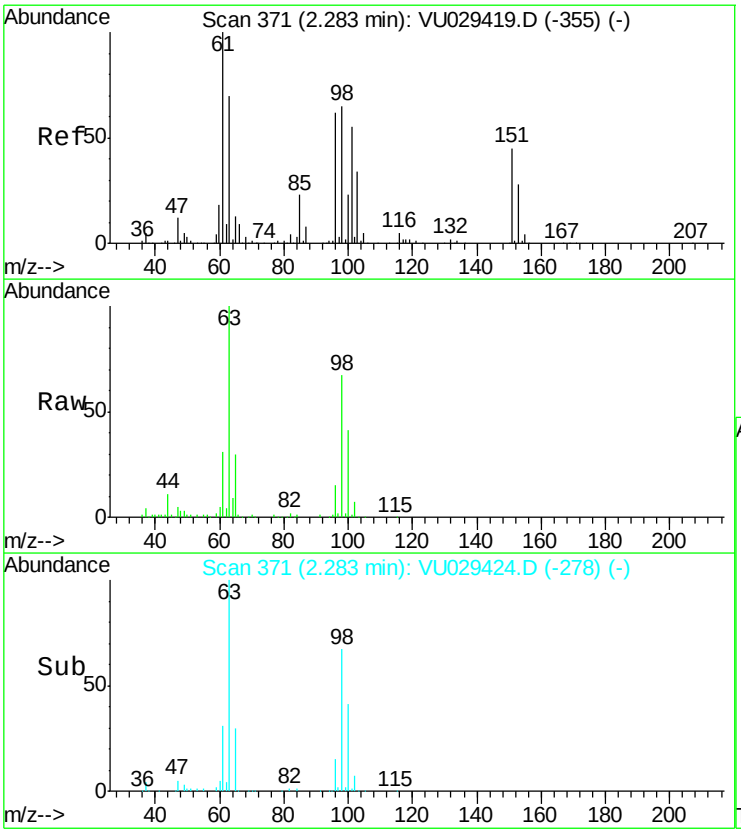
#5
Vinyl chloride
Concen: 6.464 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029424.D
Acq: 12 Feb 2019 16:56

Instrument : MSVOA_U
ClientSampleId : ESXA5

Tgt Ion: 62 Resp: 124252

Ion	Ratio	Lower	Upper
62	100		
64	42.2	23.5	43.7

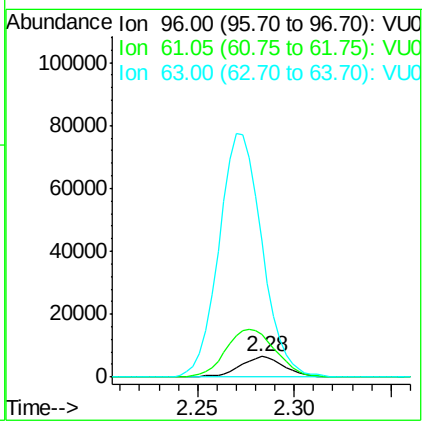


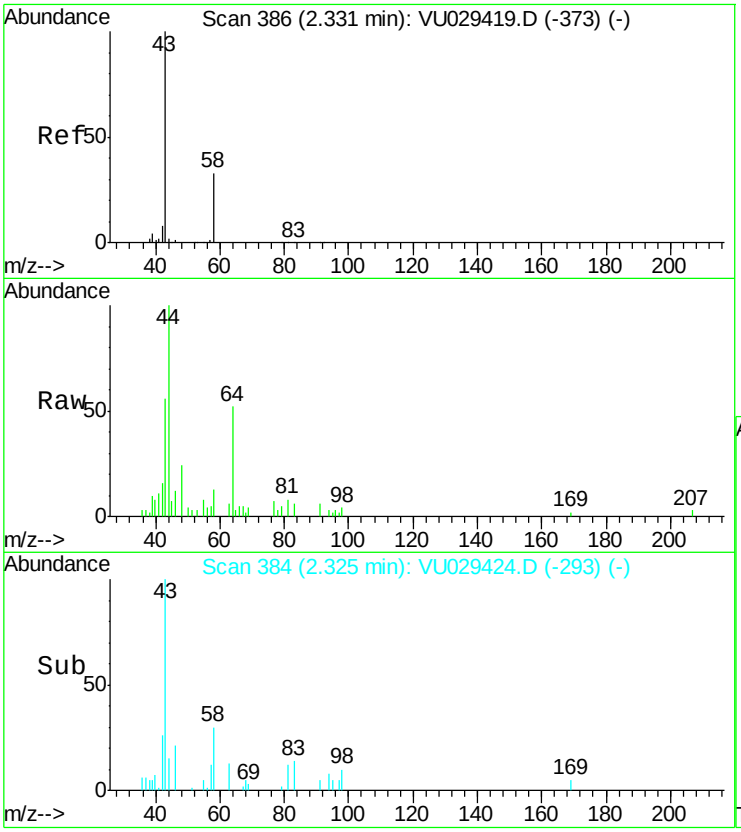


#12
1,1-Dichloroethene
Concen: 0.624 ug/L
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU029424.D
Acq: 12 Feb 2019 16:56

Tgt Ion: 96 Resp: 10251

Ion	Ratio	Lower	Upper
96	100		
61	206.9	115.1	213.7
63	663.1	83.5	155.1#



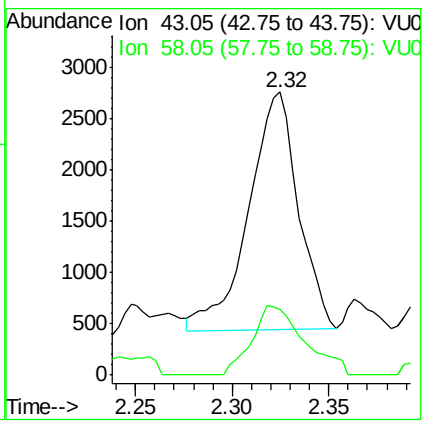


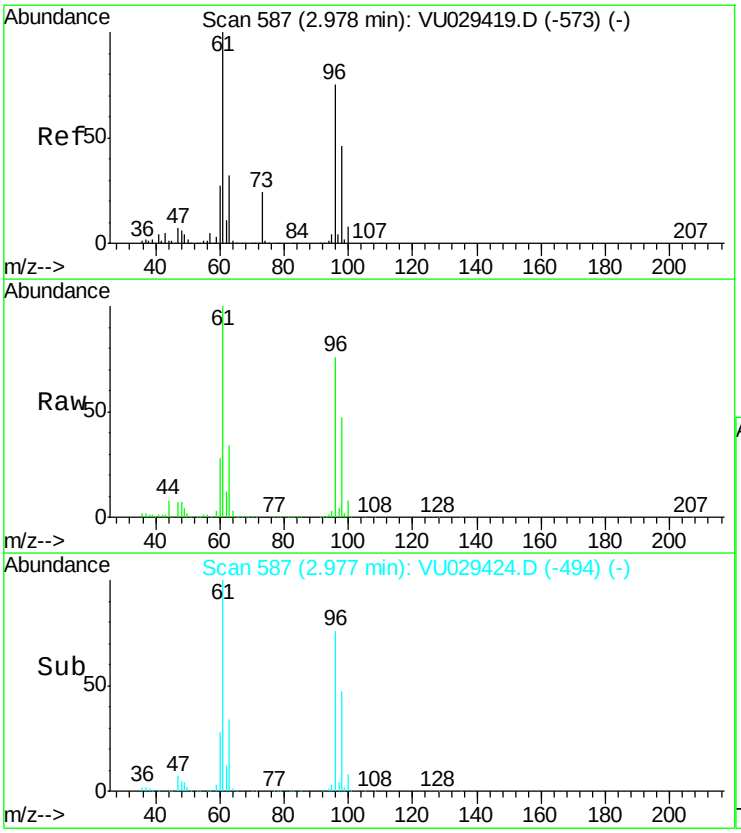
#13
Acetone
Concen: 1.621 ug/L
RT: 2.32 min Scan# 384
Delta R.T. -0.01 min
Lab File: VU029424.D
Acq: 12 Feb 2019 16:56

Instrument :
MSVOA_U
ClientSampleId :
ESXA5

Tgt Ion: 43 Resp: 4105

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	65.0

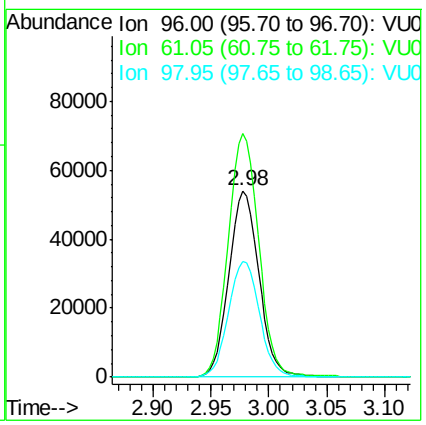


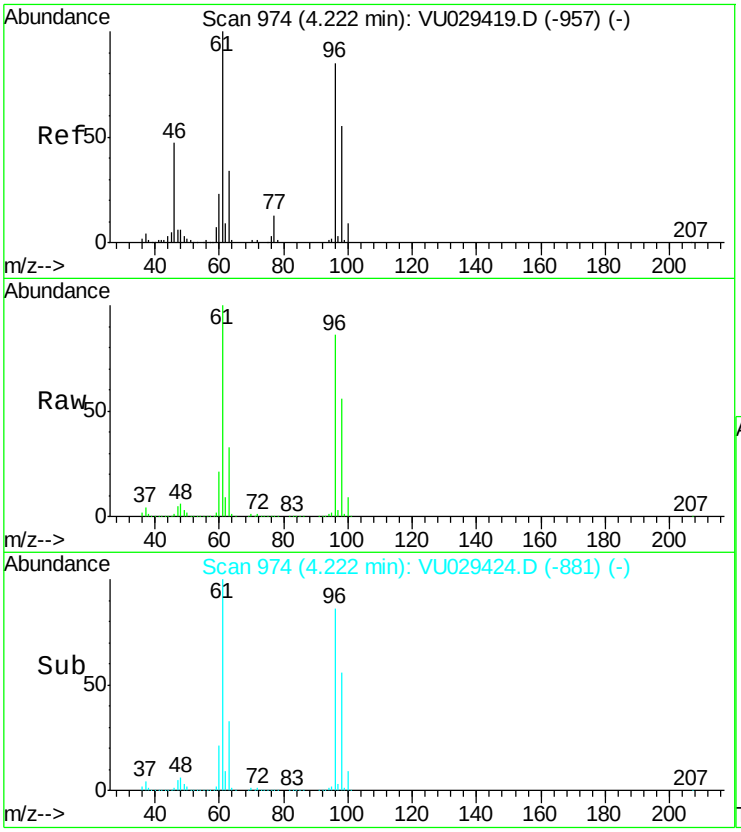


#18
trans-1,2-Dichloroethene
Concen: 5.482 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU029424.D
Acq: 12 Feb 2019 16:56

Tgt Ion: 96 Resp: 96025

Ion	Ratio	Lower	Upper
96	100		
61	130.9	95.4	177.2
98	62.0	45.8	85.2



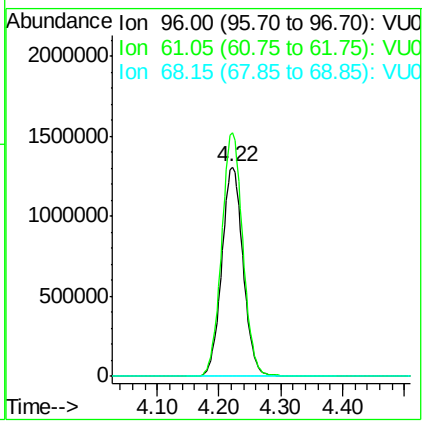


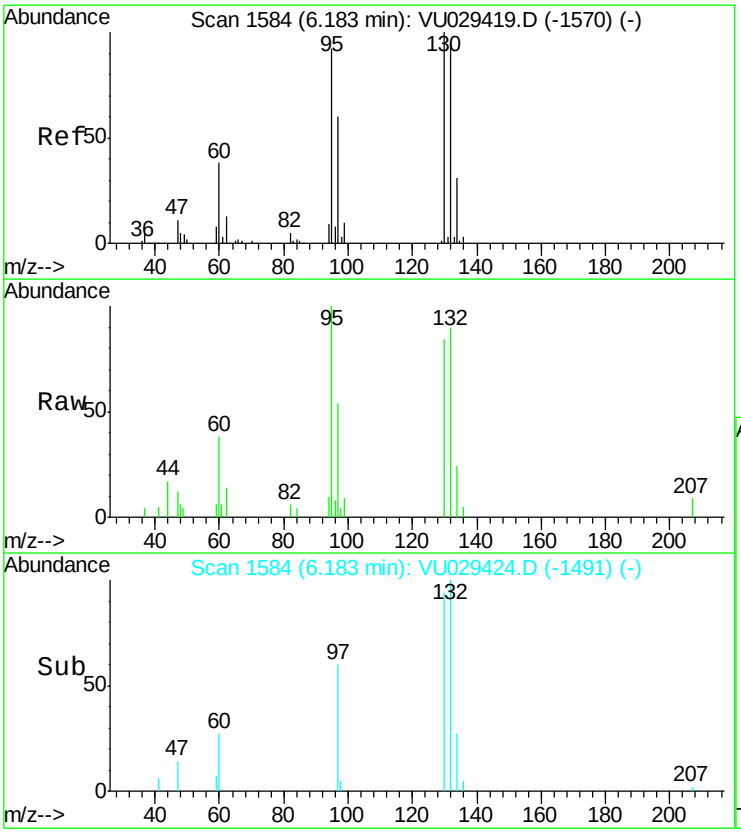
#22
cis-1,2-Dichloroethene
Concen: 193.974 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU029424.D
Acq: 12 Feb 2019 16:56

Instrument :
MSVOA_U
ClientSampleId :
ESXA5

Tgt Ion: 96 Resp: 3125320

Ion	Ratio	Lower	Upper
96	100		
61	116.3	79.9	148.5
68	0.0	0.0	0.0

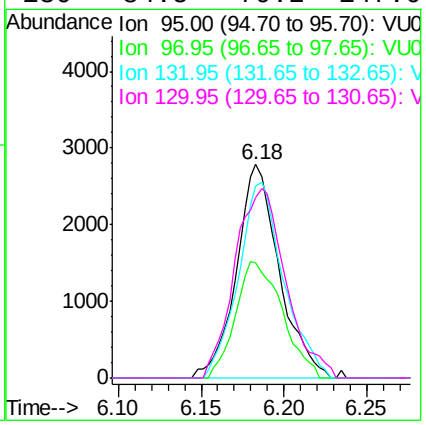


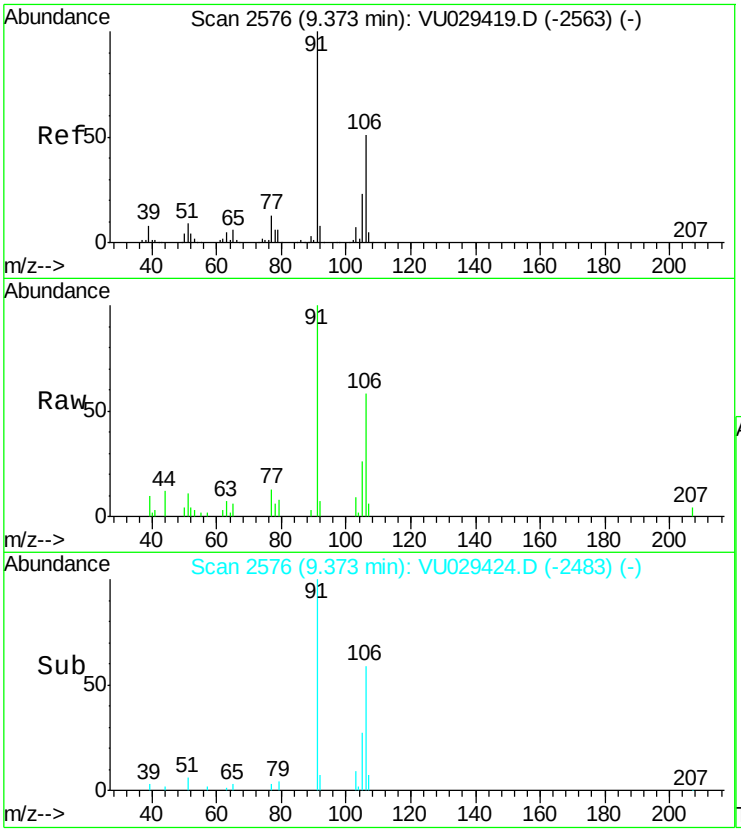


#34
Trichloroethene
Concen: 0.322 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU029424.D
Acq: 12 Feb 2019 16:56

Tgt Ion: 95 Resp: 5006

Ion	Ratio	Lower	Upper
95	100		
97	53.7	46.3	86.1
132	90.1	72.9	135.3
130	84.5	79.2	147.0





#53
m,p-xylene
Concen: 0.197 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU029424.D
Acq: 12 Feb 2019 16:56

Instrument :
MSVOA_U
ClientSampleId :
ESXA5

Tgt Ion:106 Resp: 5520

Ion	Ratio	Lower	Upper
106	100		
91	172.6	135.7	251.9