Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029472.D
Acq On : 14 Feb 2019 21:54
Operator : JC/SP
Sample : K1438-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXC4

Quant Time: Feb 15 03:16:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	193642	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95276	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	49911	3.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.80%			
7) Chloroethane-d5	1.68	69	46843	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.60%			
11) 1,1-Dichloroethene-d2	2.27	63	76621	2.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.20%#			
20) 2-Butanone-d5	4.19	46	128898	47.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.30%			
24) Chloroform-d	4.65	84	89495	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%			
26) 1,2-Dichloroethane-d4	5.31	65	47887	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
32) Benzene-d6	5.34	84	190606	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.33	67	56929	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.00%			
41) Toluene-d8	7.56	98	177010	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.00%			
43) trans-1,3-Dichloropropene-	7.85	79	21335	3.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.80%			
46) 2-Hexanone-d5	8.31	63	130312	49.56	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	49674	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	79308	4.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	79336	4.254	ug/L #	60
13) Acetone	2.32	43	5698	2.319	ug/L	95
18) trans-1,2-Dichloroethene	2.98	96	6864	0.404	ug/L	89
22) cis-1,2-Dichloroethene	4.22	96	319045	20.411	ug/L	99
30) Cyclohexane	4.99	56	17227	0.808	ug/L	95
35) Methylcyclohexane	6.41	83	33845	1.351	ug/L	99

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

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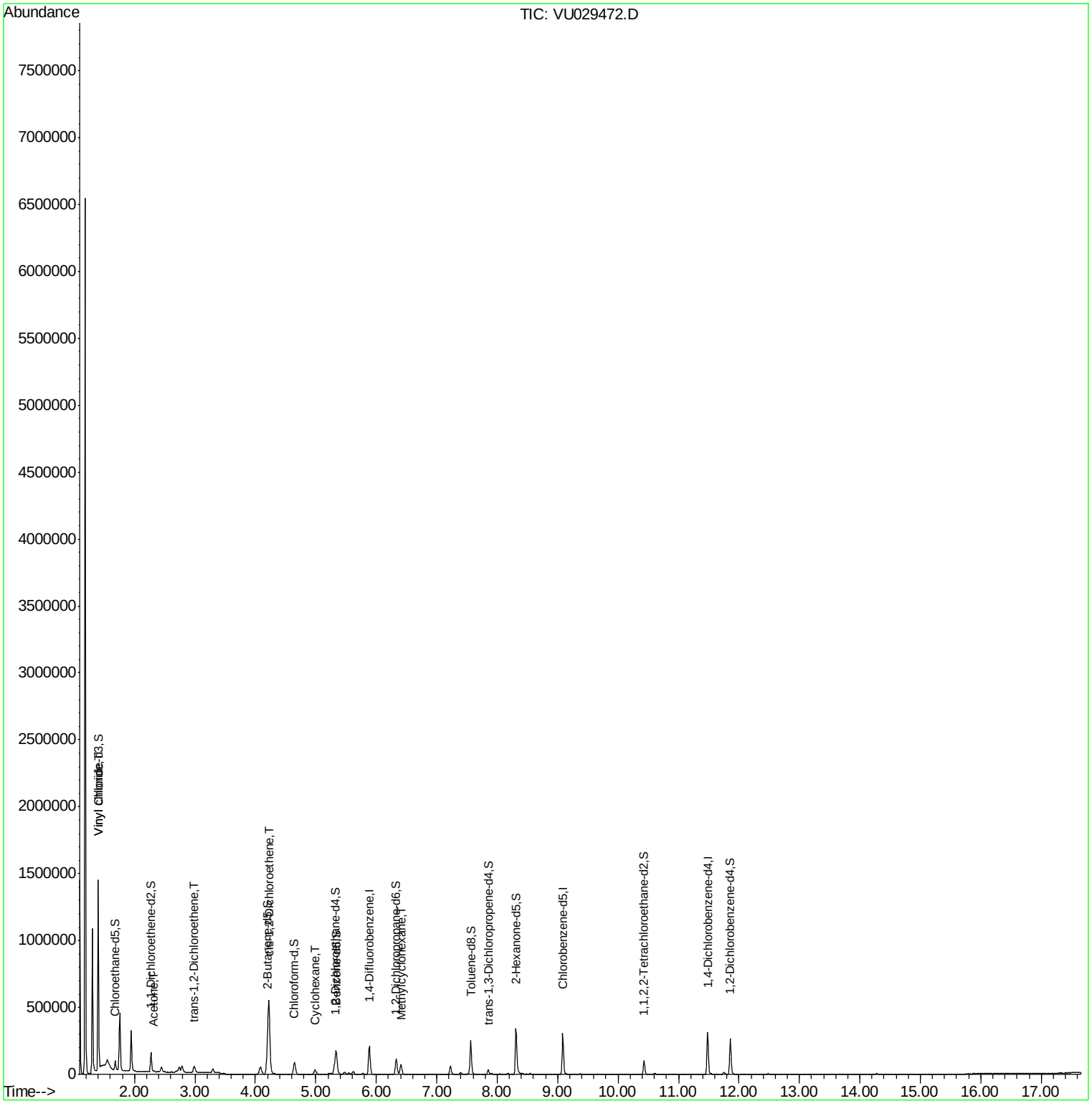
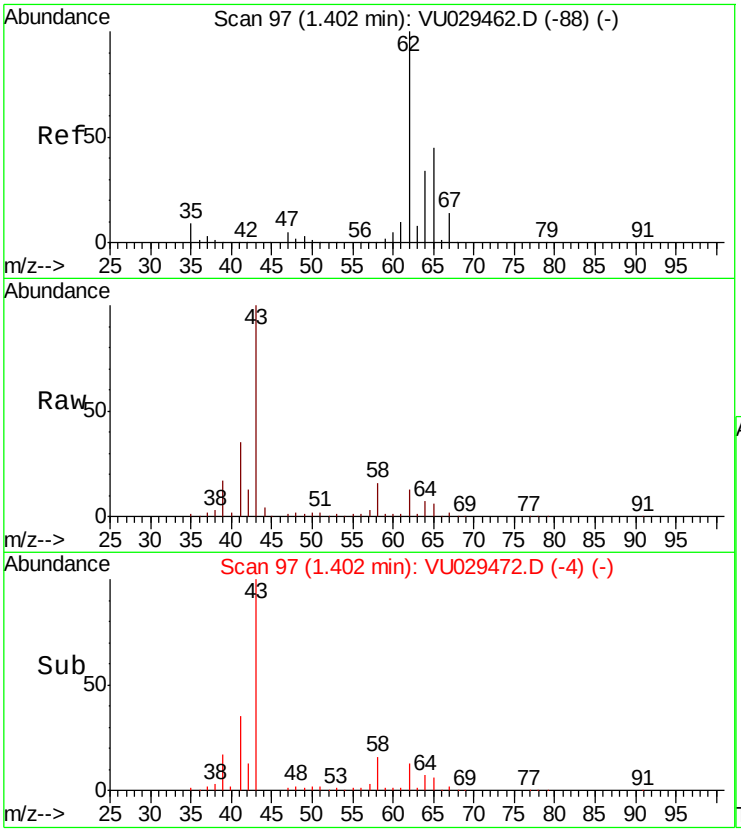


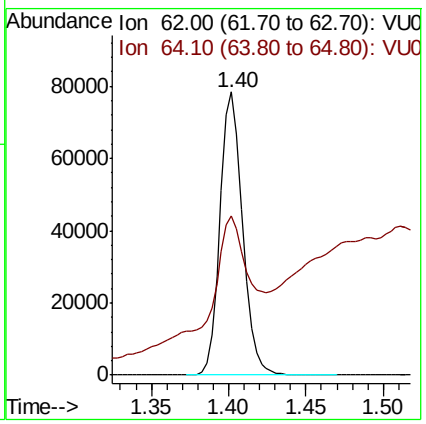


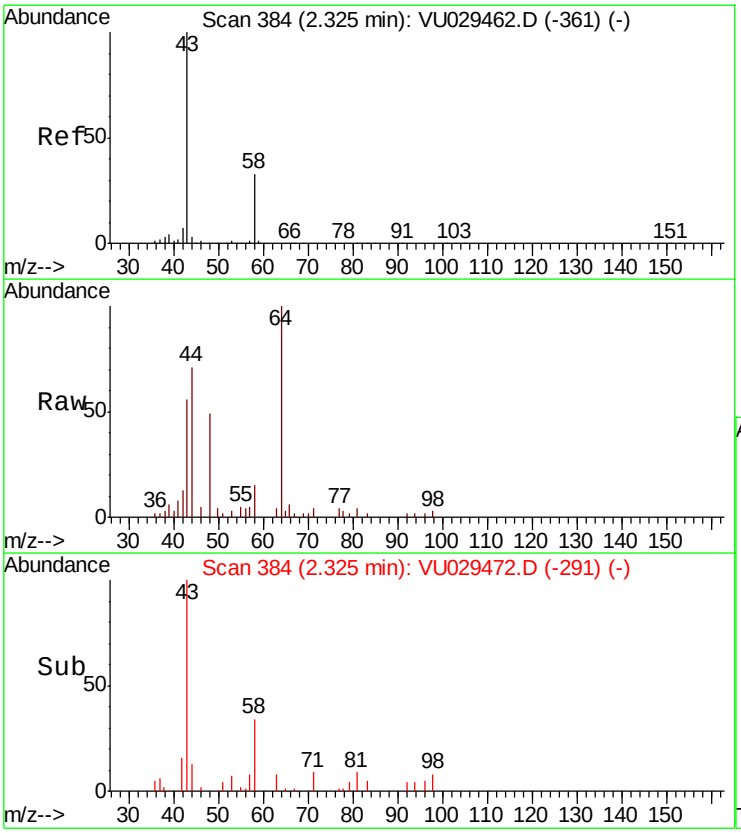
#5
Vinyl chloride
Concen: 4.254 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU029472.D
Acq: 14 Feb 2019 21:54

Instrument :
MSVOA_U
ClientSampleId :
ESXC4

Tgt Ion: 62 Resp: 79336

Ion	Ratio	Lower	Upper
62	100		
64	56.2	23.5	43.7#

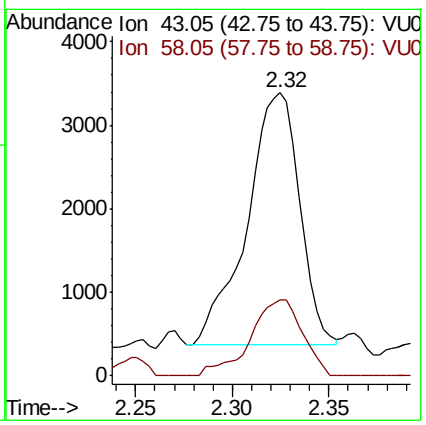


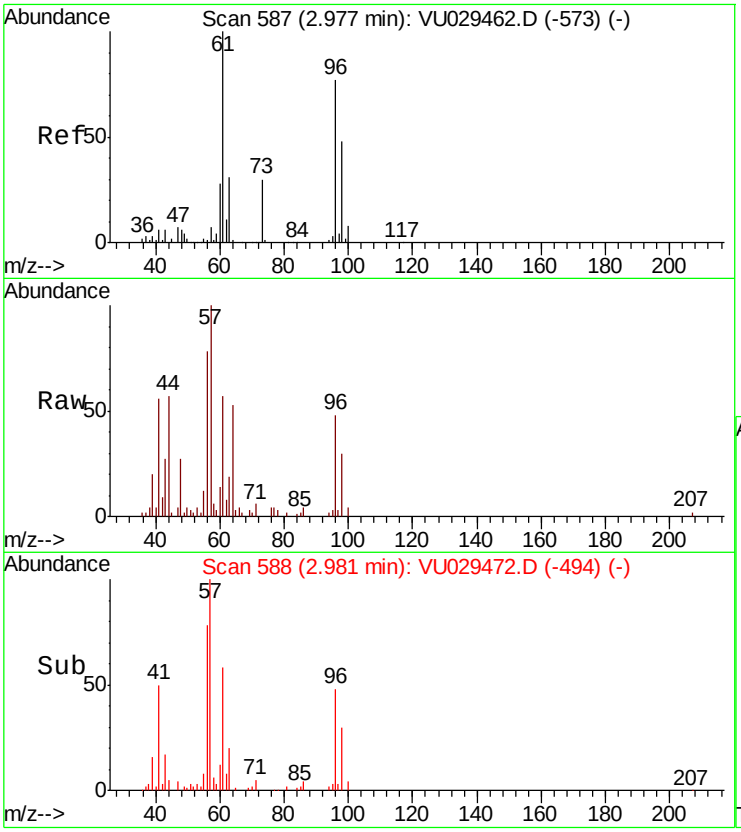


#13
Acetone
Concen: 2.319 ug/L
RT: 2.32 min Scan# 384
Delta R.T. -0.00 min
Lab File: VU029472.D
Acq: 14 Feb 2019 21:54

Tgt Ion: 43 Resp: 5698

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	65.0



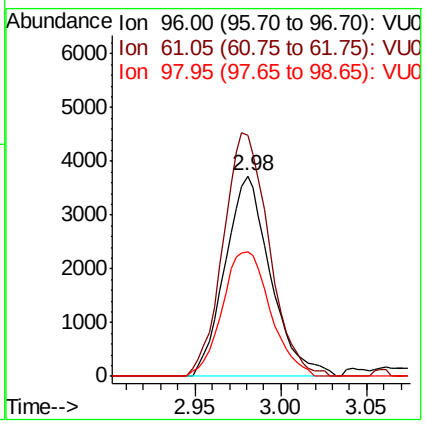


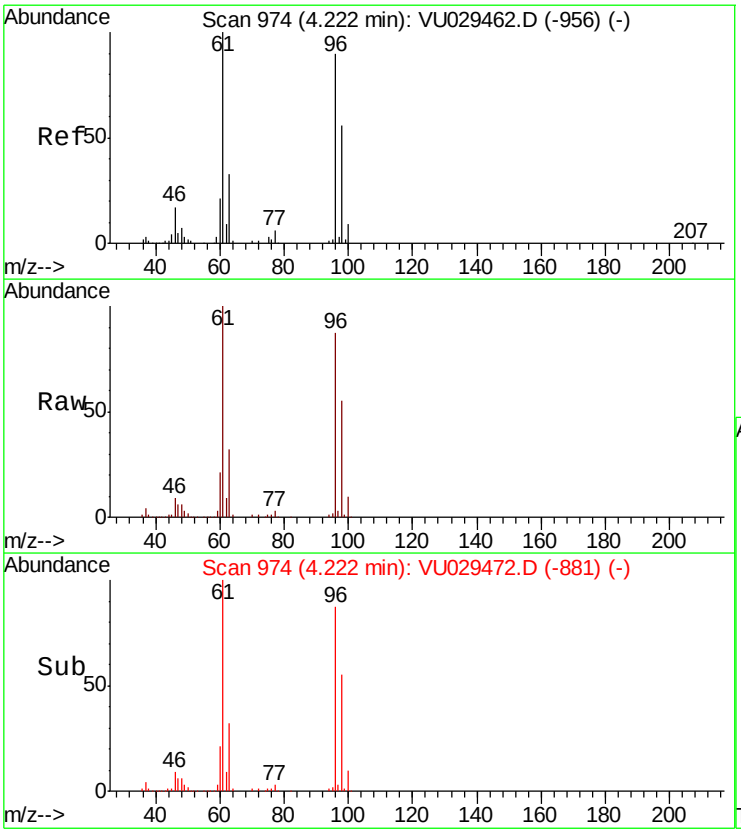
#18
trans-1,2-Dichloroethene
Concen: 0.404 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU029472.D
Acq: 14 Feb 2019 21:54

Instrument : MSVOA_U
ClientSampleId : ESXC4

Tgt Ion: 96 Resp: 6864

Ion	Ratio	Lower	Upper
96	100		
61	120.0	95.4	177.2
98	62.1	45.8	85.2

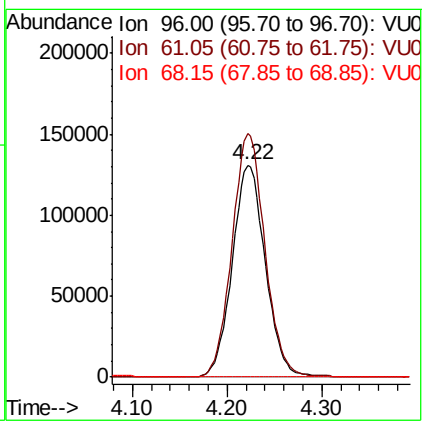


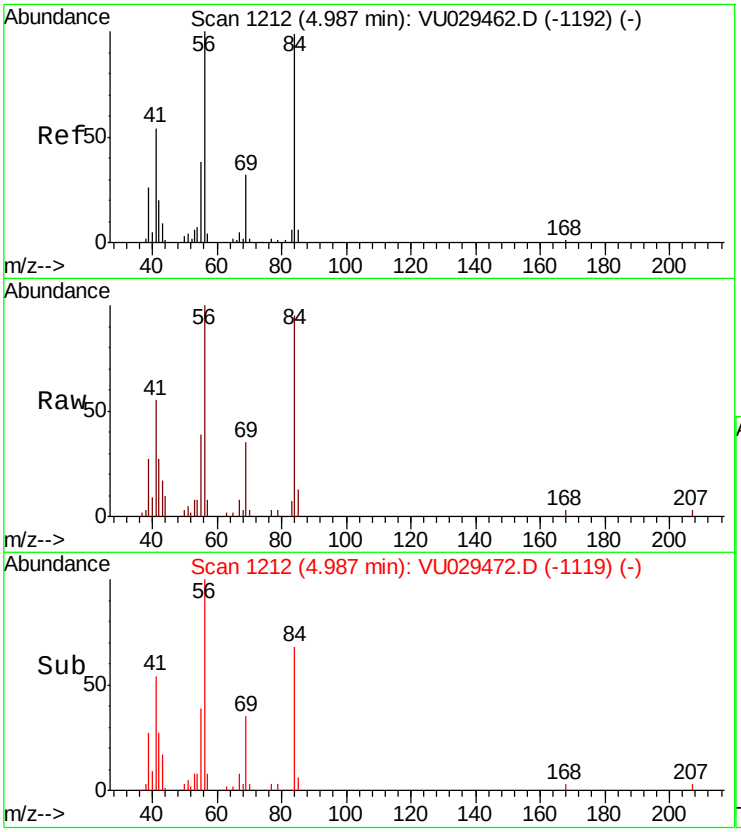


#22
cis-1,2-Dichloroethene
Concen: 20.411 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU029472.D
Acq: 14 Feb 2019 21:54

Tgt Ion: 96 Resp: 319045

Ion	Ratio	Lower	Upper
96	100		
61	114.8	79.9	148.5
68	0.0	0.0	0.0



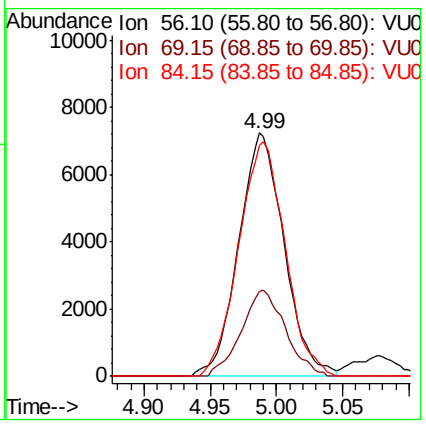


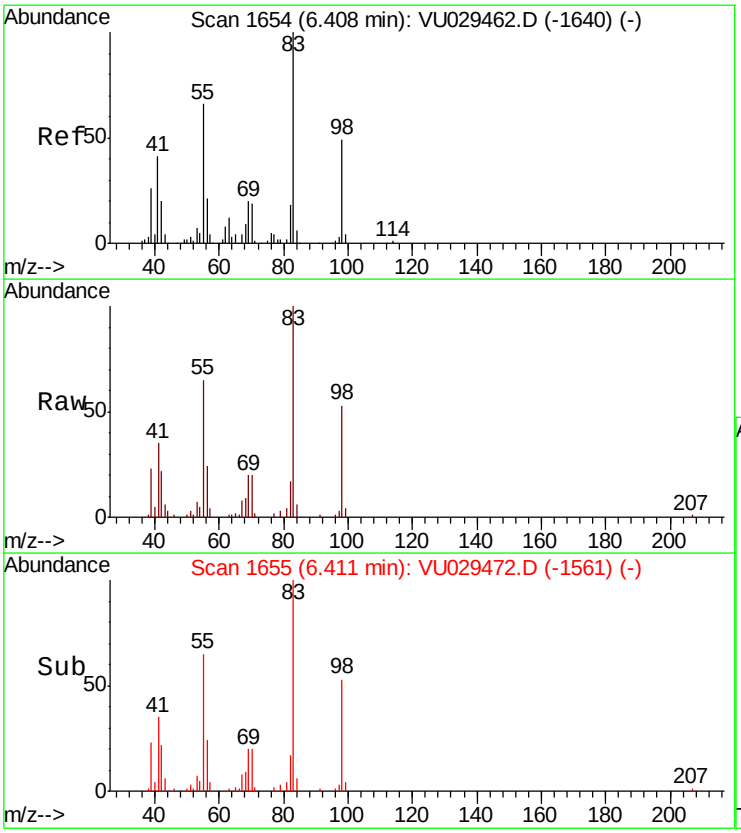
#30
Cyclohexane
Concen: 0.808 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU029472.D
Acq: 14 Feb 2019 21:54

Instrument :
MSVOA_U
ClientSampleId :
ESXC4

Tgt Ion: 56 Resp: 17227

Ion	Ratio	Lower	Upper
56	100		
69	34.5	25.8	38.6
84	98.4	75.0	112.6





#35
Methylcyclohexane
Concen: 1.351 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU029472.D
Acq: 14 Feb 2019 21:54

Tgt Ion: 83 Resp: 33845

Ion	Ratio	Lower	Upper
83	100		
55	71.3	55.9	83.9
98	47.8	38.6	57.8