Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
Data File : VU039293.D
Acq On : 06 Jul 2020 16:01
Operator : SY/MD
Sample : L3193-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4279

Quant Time: Jul 07 02:04:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:17:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	116231	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109381	5.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51372	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.61	65	47660	5.33 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.60%		
7) Chloroethane-d5	1.93	69	39258	4.59 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.80%		
11) 1,1-Dichloroethene-d2	2.58	63	65639	3.95 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.00%		
20) 2-Butanone-d5	4.66	46	179349	53.24 ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.48%		
24) Chloroform-d	5.09	84	81920	4.79 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%		
26) 1,2-Dichloroethane-d4	5.72	65	50003	4.72 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%		
32) Benzene-d6	5.74	84	167314	4.98 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%		
36) 1,2-Dichloropropane-d6	6.70	67	55597	4.97 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%		
41) Toluene-d8	7.91	98	153561	4.96 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%		
43) trans-1,3-Dichloropropene-	8.19	79	21032	4.07 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%		
46) 2-Hexanone-d5	8.64	63	135213	49.60 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.20%		
57) 1,1,2,2-Tetrachloroethane-	10.76	84	50342	4.72 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%		
64) 1,2-Dichlorobenzene-d4	12.19	152	58109	5.01 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%		

Target Compounds					Qvalue
5) Vinyl chloride	1.61	62	11268	1.301 ug/L #	1
17) Methyl tert-butyl Ether	3.38	73	11472	0.530 ug/L #	95
18) trans-1,2-Dichloroethene	3.37	96	1008	0.141 ug/L	86
19) 1,1-Dichloroethane	3.90	63	4129	0.288 ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	16414	2.012 ug/L	93
33) Benzene	5.79	78	4172	0.135 ug/L	100

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

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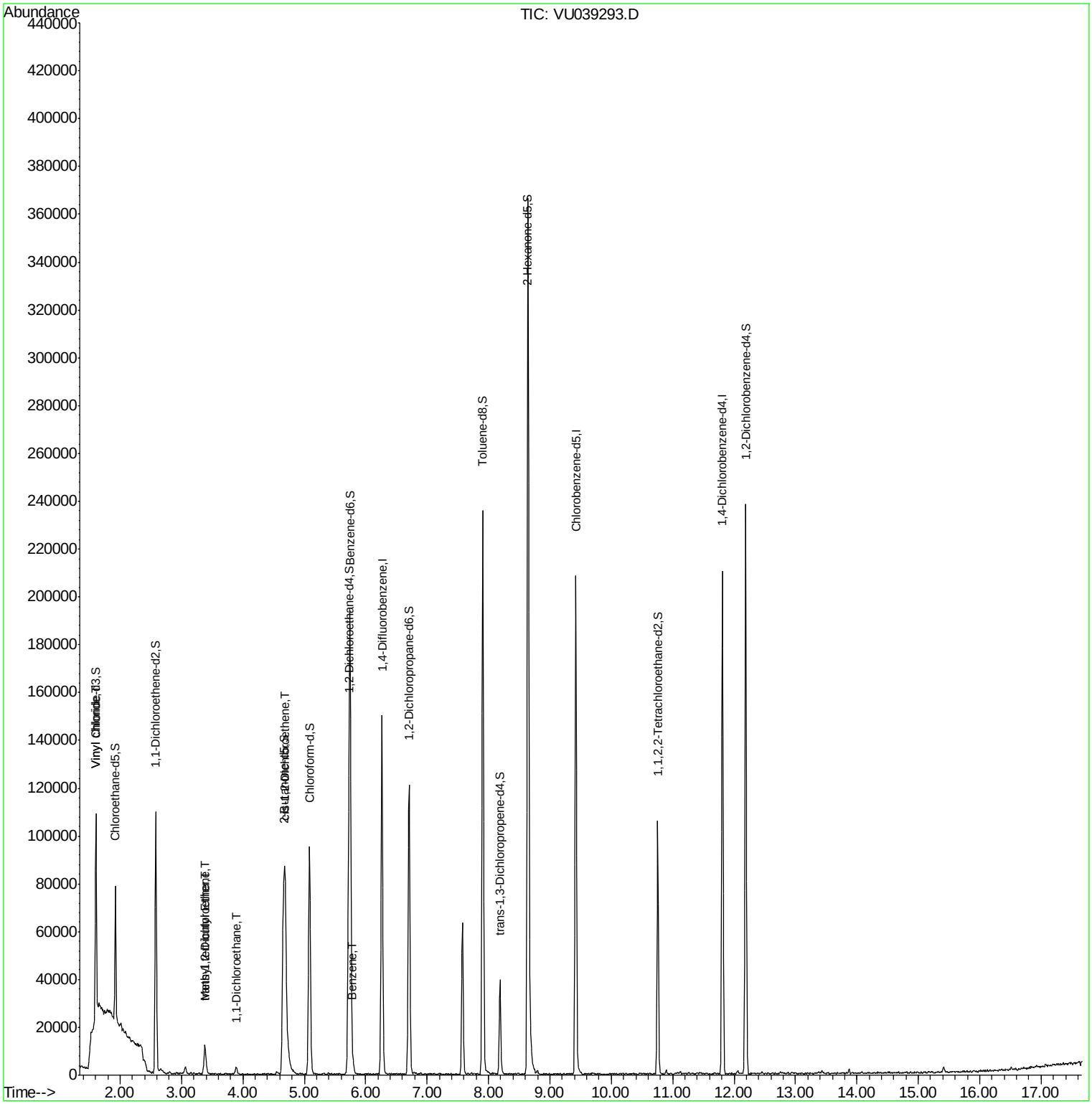
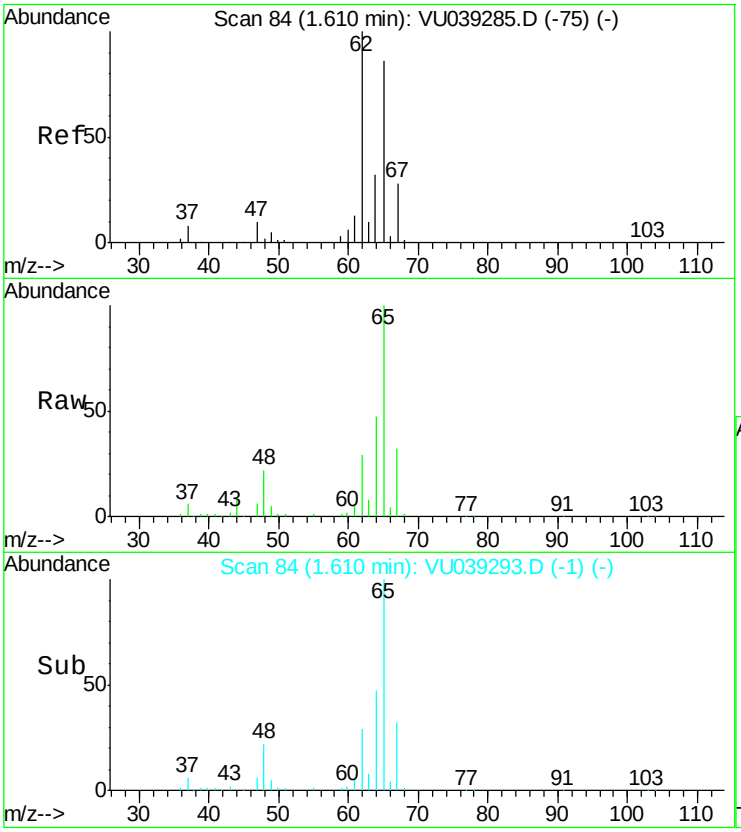


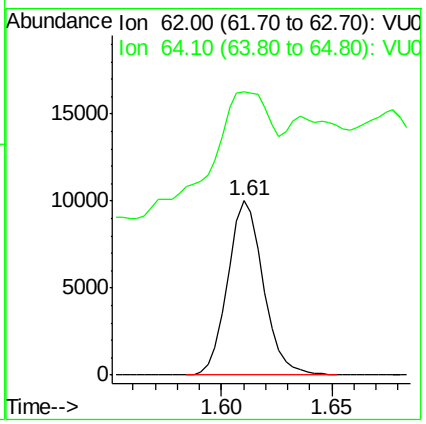


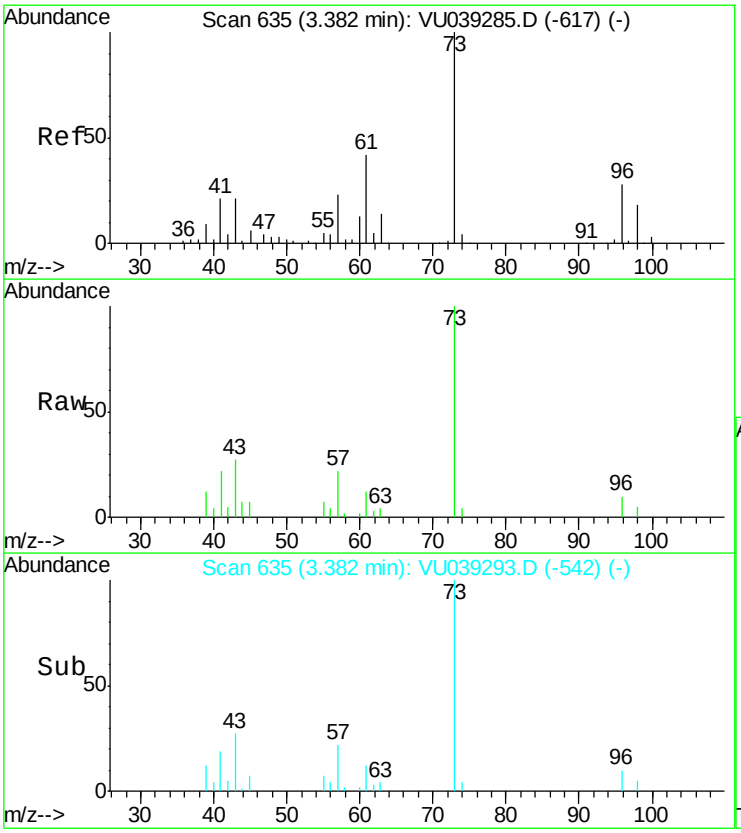
#5
Vinyl chloride
Concen: 1.301 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039293.D
Acq: 06 Jul 2020 16:01

Instrument :
MSVOA_U
ClientSampleId :
H4279

Tgt Ion: 62 Resp: 11268

Ion	Ratio	Lower	Upper
62	100		
64	162.5	25.6	47.4#

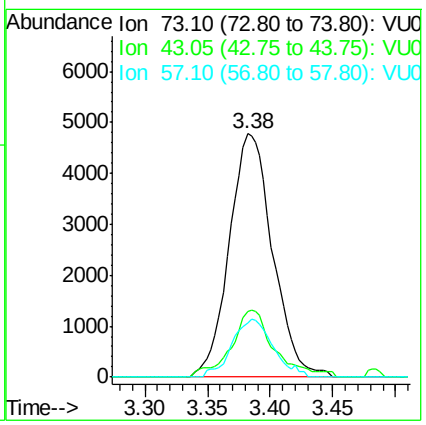


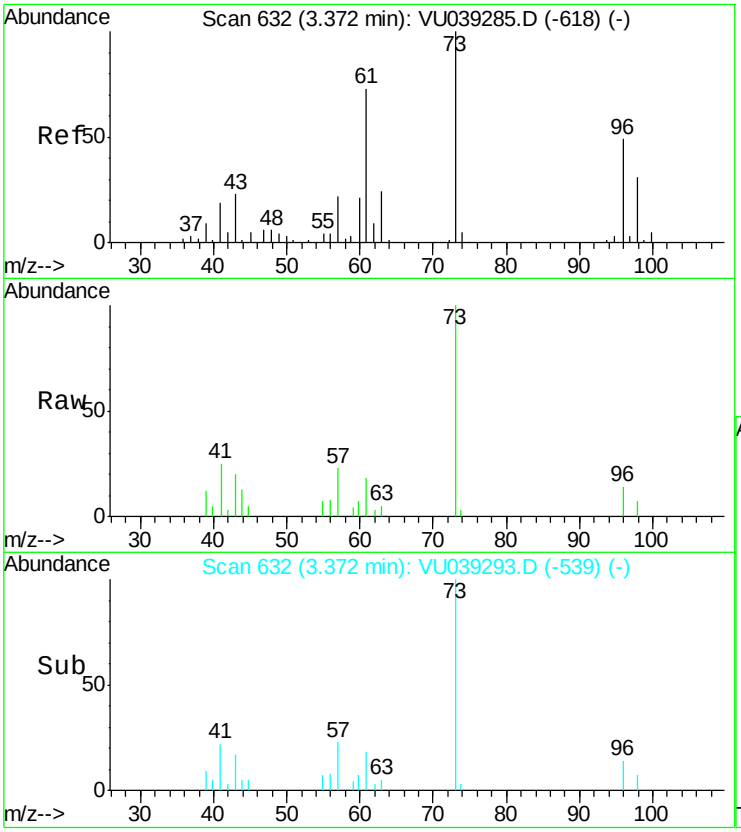


#17
Methyl tert-butyl Ether
Concen: 0.530 ug/L
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU039293.D
Acq: 06 Jul 2020 16:01

Tgt Ion: 73 Resp: 11472

Ion	Ratio	Lower	Upper
73	100		
43	26.6	17.5	26.3#
57	22.6	18.6	27.8



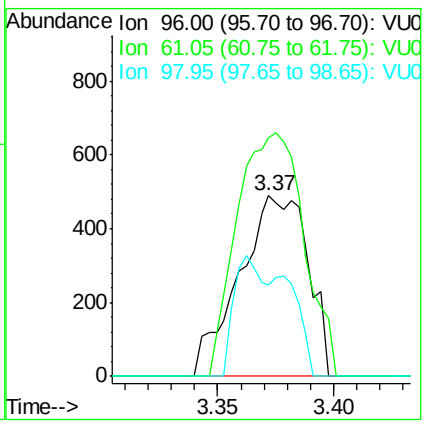


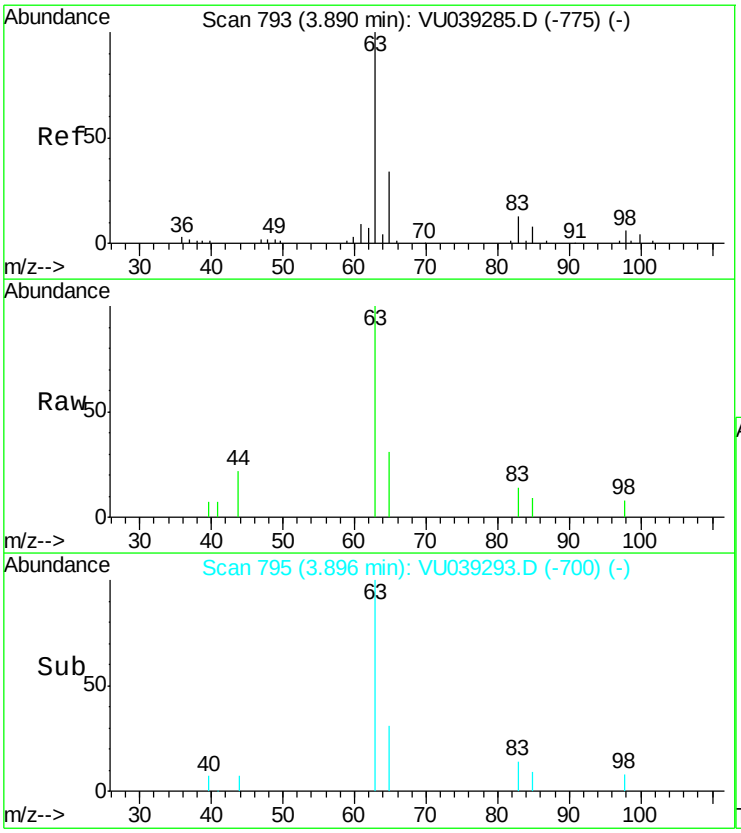
#18
trans-1,2-Dichloroethene
Concen: 0.141 ug/L
RT: 3.37 min Scan# 632
Delta R.T. -0.00 min
Lab File: VU039293.D
Acq: 06 Jul 2020 16:01

Instrument :
MSVOA_U
ClientSampleId :
H4279

Tgt Ion: 96 Resp: 1008

Ion	Ratio	Lower	Upper
96	100		
61	131.6	104.7	194.5
98	50.4	43.1	80.1

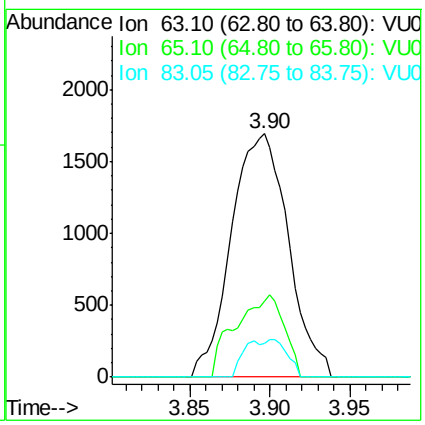


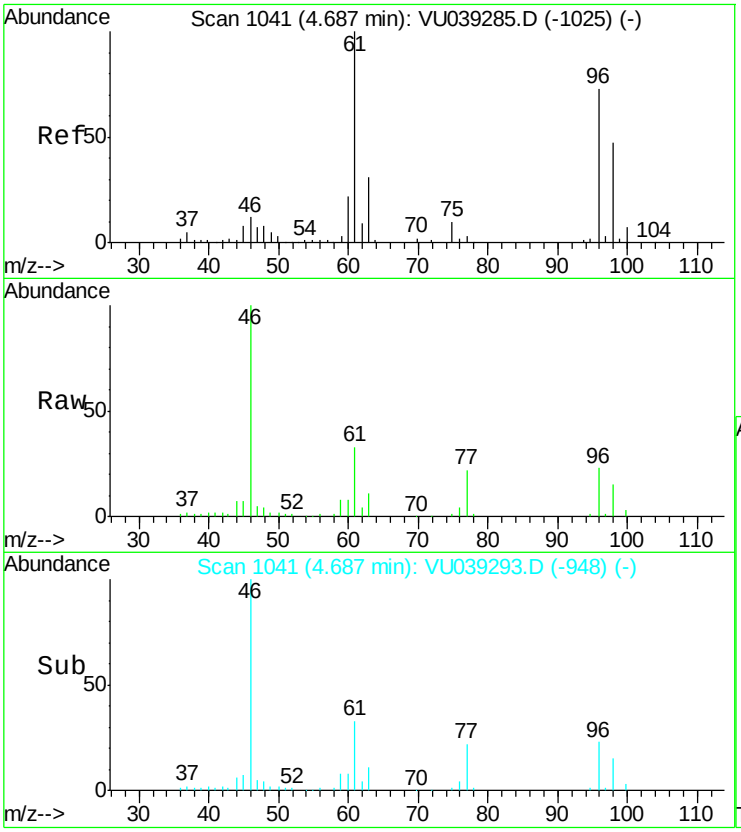


#19
1,1-Dichloroethane
Concen: 0.288 ug/L
RT: 3.90 min Scan# 795
Delta R.T. 0.01 min
Lab File: VU039293.D
Acq: 06 Jul 2020 16:01

Tgt Ion: 63 Resp: 4129

Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.7	42.3
83	13.8	9.1	16.9



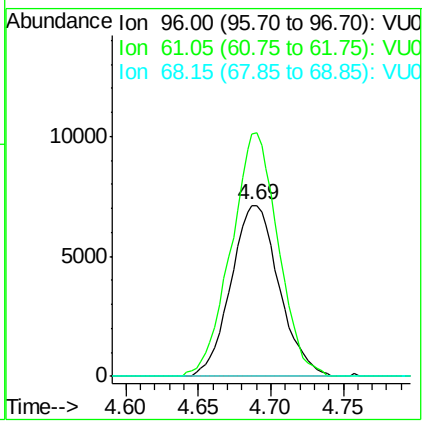


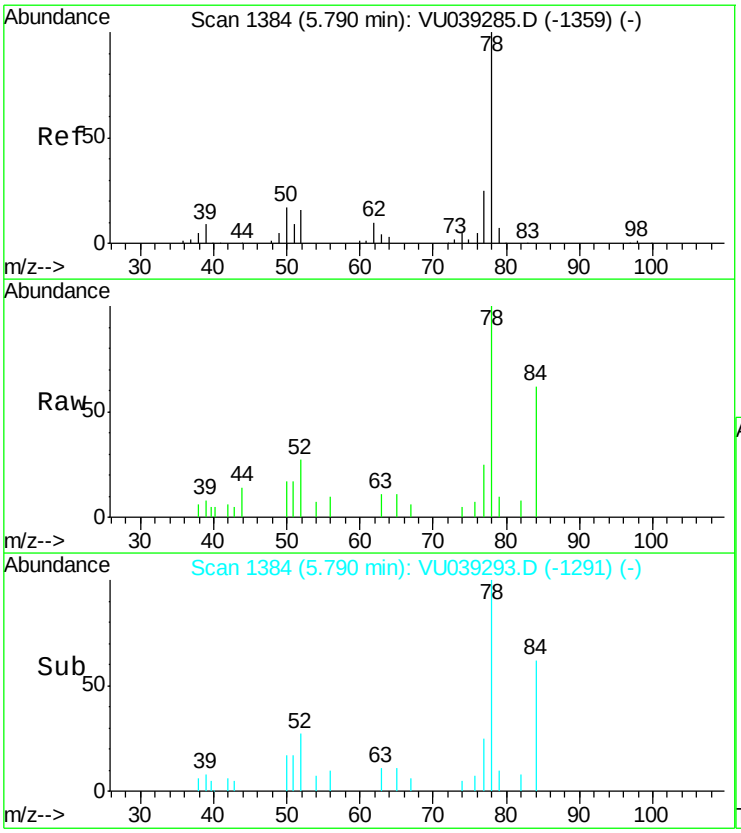
#22
cis-1,2-Dichloroethene
Concen: 2.012 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VU039293.D
Acq: 06 Jul 2020 16:01

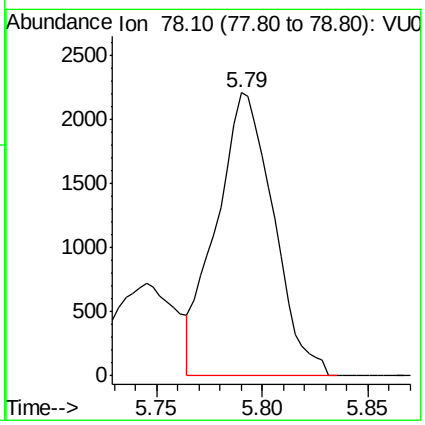
Instrument :
MSVOA_U
ClientSampleId :
H4279

Tgt Ion: 96 Resp: 16414

Ion	Ratio	Lower	Upper
96	100		
61	141.8	93.7	173.9
68	0.0	0.0	0.0





#33
Benzene
Concen: 0.135 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU039293.D
Acq: 06 Jul 2020 16:01

Tgt Ion: 78 Resp: 4172