Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070820\
Data File : VU039349.D
Acq On : 08 Jul 2020 15:58
Operator : SY/MD
Sample : L3231-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4283

Quant Time: Jul 09 03:16:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 09 02:29:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	109149	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	99721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47464	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	32162	5.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.80%			
7) Chloroethane-d5	1.93	69	31711	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.58	63	48643	3.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.20%			
20) 2-Butanone-d5	4.66	46	170852	59.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.06%			
24) Chloroform-d	5.08	84	68842	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.72	65	47659	5.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.80%			
32) Benzene-d6	5.74	84	140944	5.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.40%			
36) 1,2-Dichloropropane-d6	6.71	67	47816	5.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.40%			
41) Toluene-d8	7.91	98	123480	5.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.60%			
43) trans-1,3-Dichloropropene-	8.19	79	20705	5.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 111.20%			
46) 2-Hexanone-d5	8.64	63	125460	56.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.56%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44713	5.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	49723	5.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	75088	8.437	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	136959	6.696	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	53072	7.385	ug/L	99
19) 1,1-Dichloroethane	3.89	63	11131	0.792	ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	606335	75.246	ug/L	95
25) Chloroform	5.11	83	6501	0.458	ug/L	88
33) Benzene	5.79	78	8169	0.274	ug/L	100
34) Trichloroethene	6.56	95	338804	43.956	ug/L	98
47) Tetrachloroethene	8.56	164	5952	1.110	ug/L	96

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

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Instrument : MSVOA_U
ClientSampleId : H4283

Quant Time: Jul 09 03:16:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 09 02:29:26 2020
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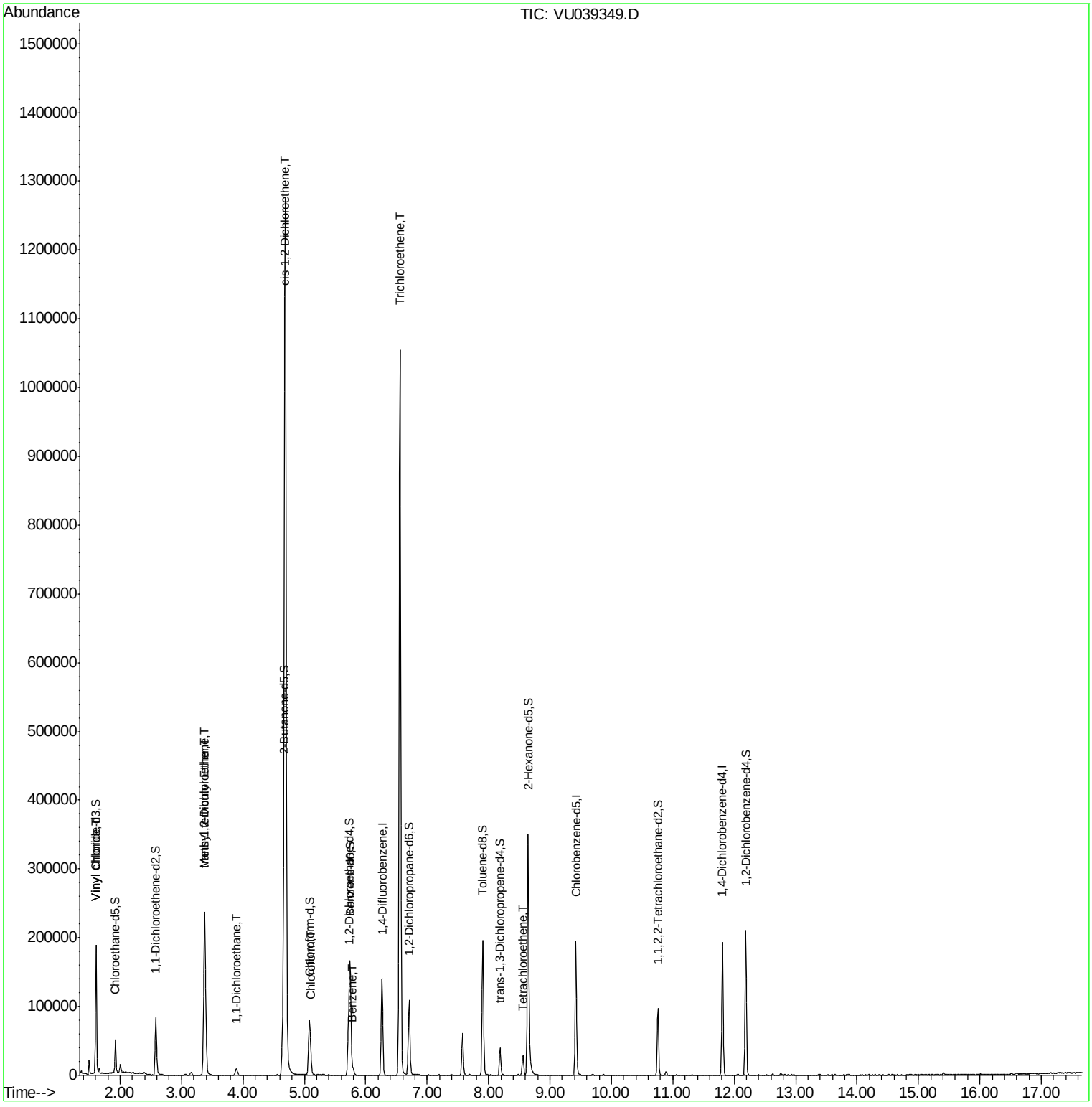
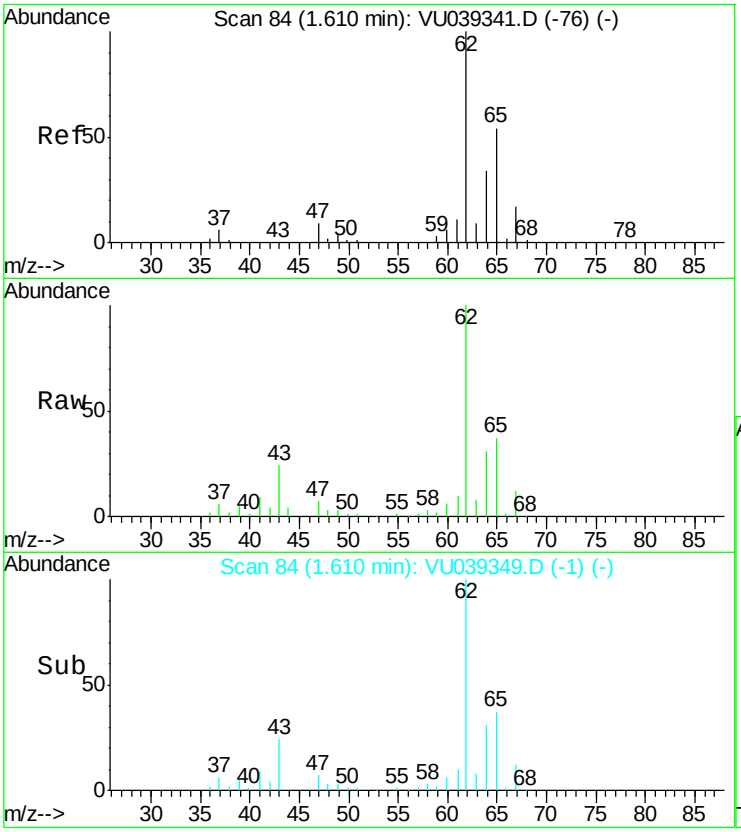


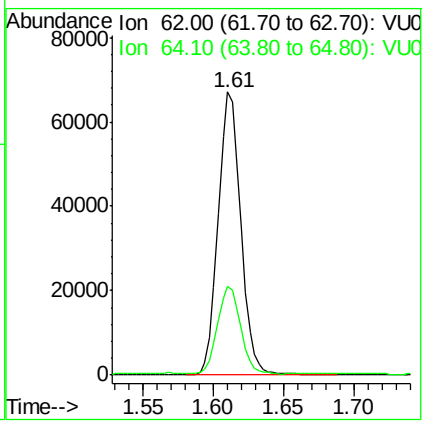


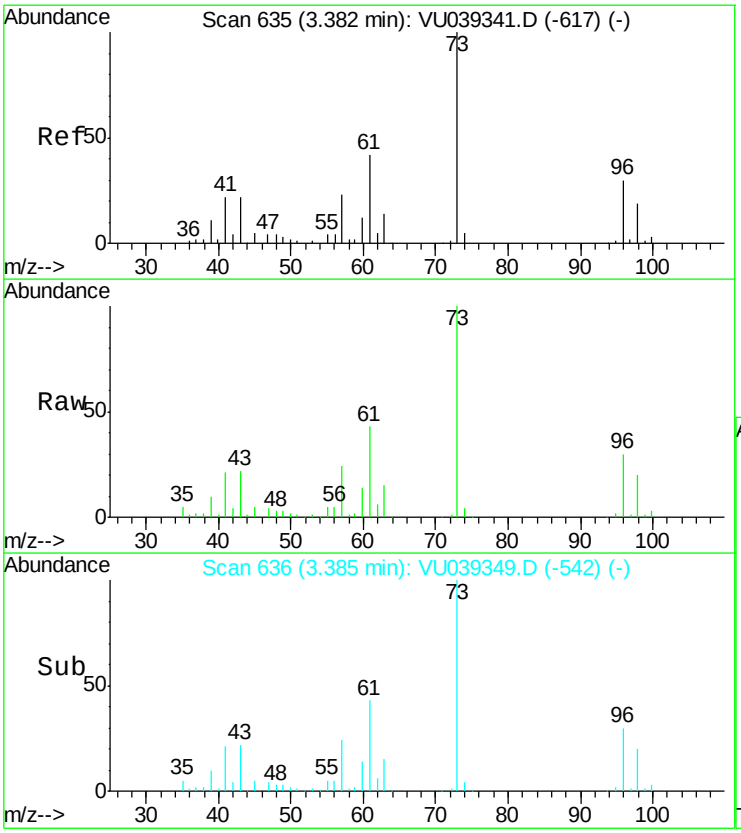
#5
Vinyl chloride
Concen: 8.437 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU039349.D
Acq: 08 Jul 2020 15:58

Instrument :
MSVOA_U
ClientSampleId :
H4283

Tgt Ion: 62 Resp: 75088

Ion	Ratio	Lower	Upper
62	100		
64	31.4	23.7	44.1

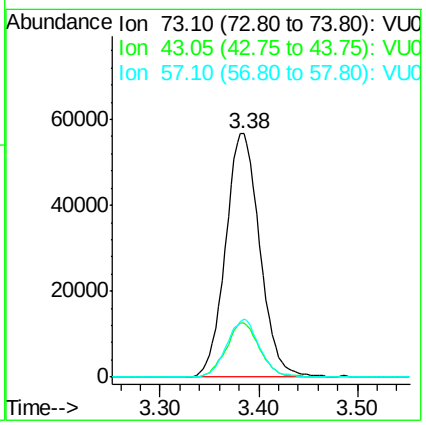


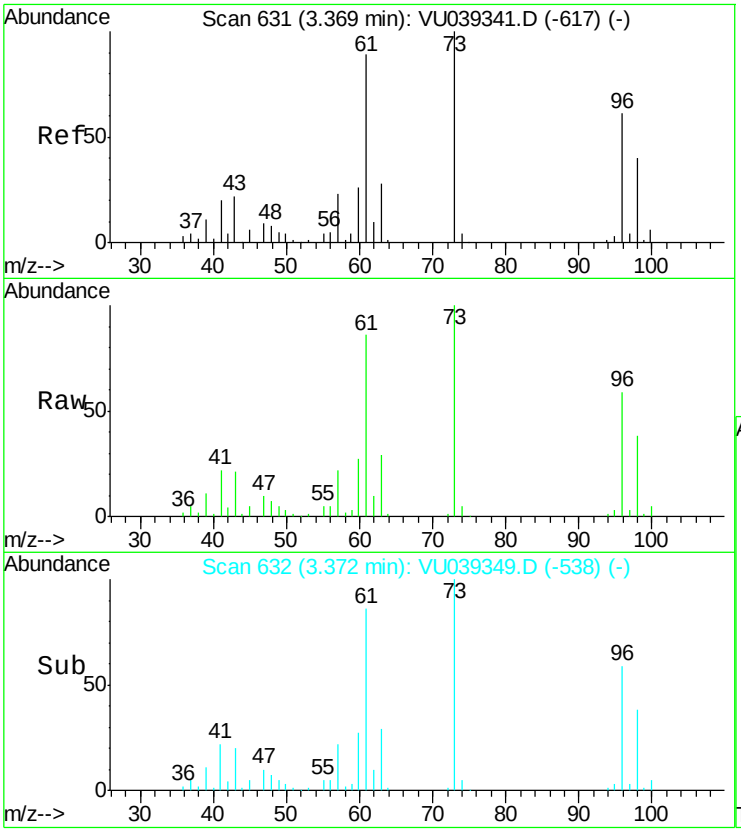


#17
Methyl tert-butyl Ether
Concen: 6.696 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039349.D
Acq: 08 Jul 2020 15:58

Tgt Ion: 73 Resp: 136959

Ion	Ratio	Lower	Upper
73	100		
43	21.8	18.6	28.0
57	22.9	17.9	26.9



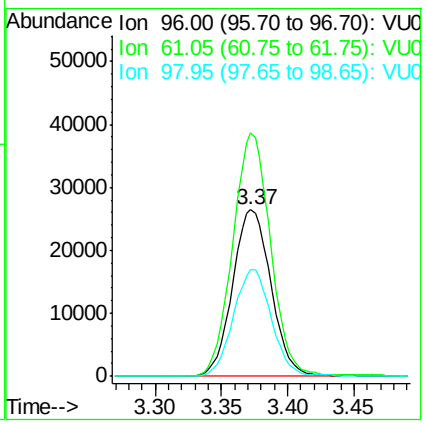


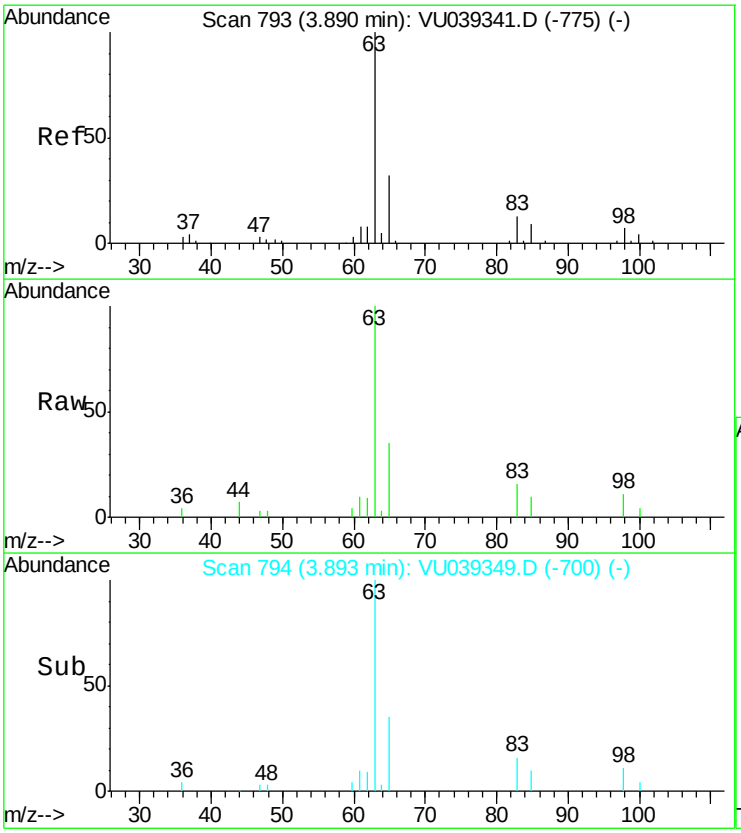
#18
trans-1,2-Dichloroethene
Concen: 7.385 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU039349.D
Acq: 08 Jul 2020 15:58

Instrument : MSVOA_U
ClientSampleId : H4283

Tgt Ion: 96 Resp: 53072

Ion	Ratio	Lower	Upper
96	100		
61	146.0	102.1	189.5
98	64.2	42.5	78.9

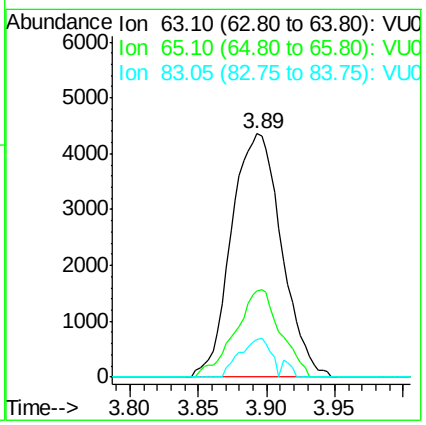


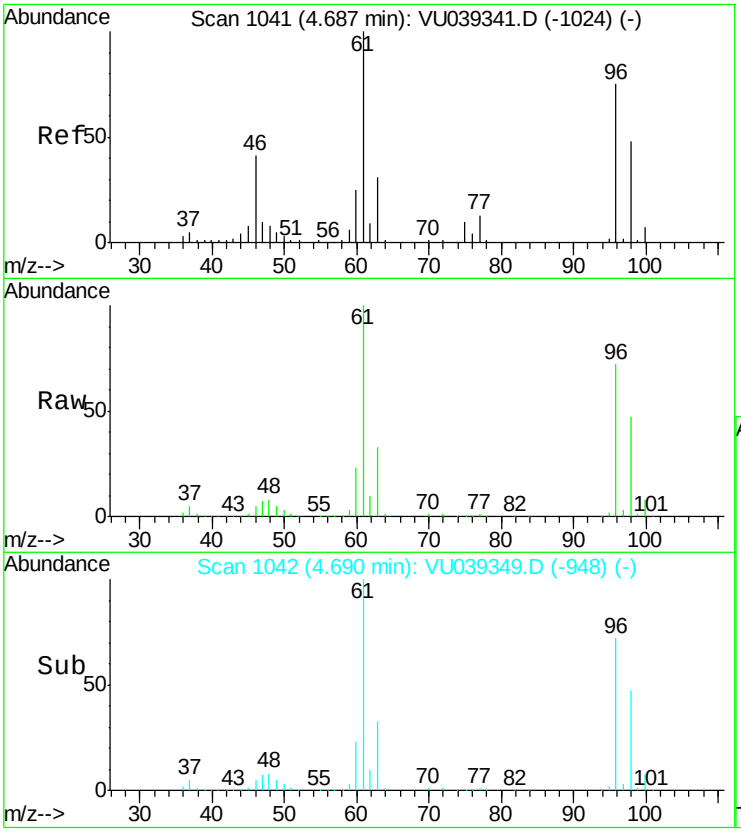


#19
1,1-Dichloroethane
Concen: 0.792 ug/L
RT: 3.89 min Scan# 794
Delta R.T. 0.00 min
Lab File: VU039349.D
Acq: 08 Jul 2020 15:58

Tgt Ion: 63 Resp: 11131

Ion	Ratio	Lower	Upper
63	100		
65	35.3	23.0	42.6
83	15.5	9.6	17.8



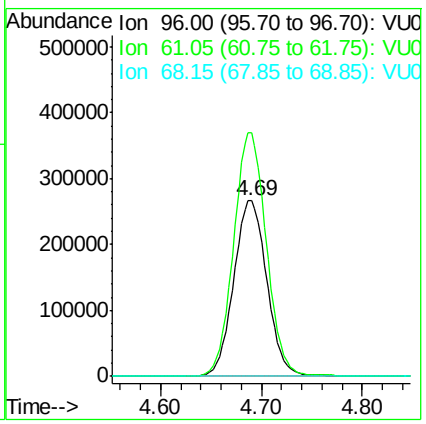


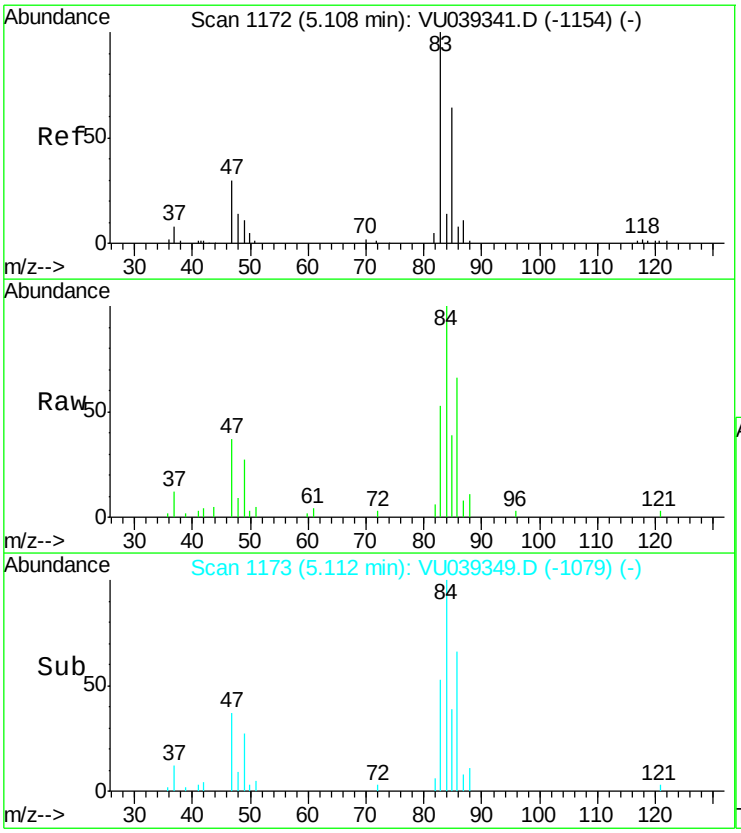
#22
cis-1,2-Dichloroethene
Concen: 75.246 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VU039349.D
Acq: 08 Jul 2020 15:58

Instrument :
MSVOA_U
ClientSampleId :
H4283

Tgt Ion: 96 Resp: 606335

Ion	Ratio	Lower	Upper
96	100		
61	138.5	92.8	172.4
68	0.0	0.0	0.0

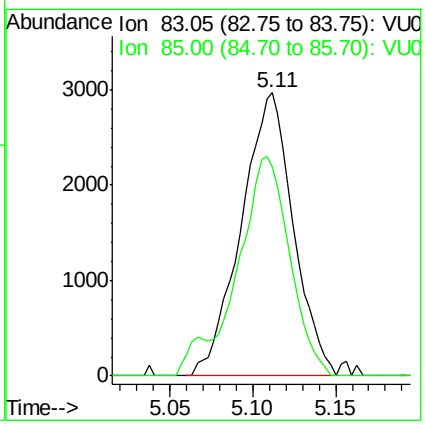


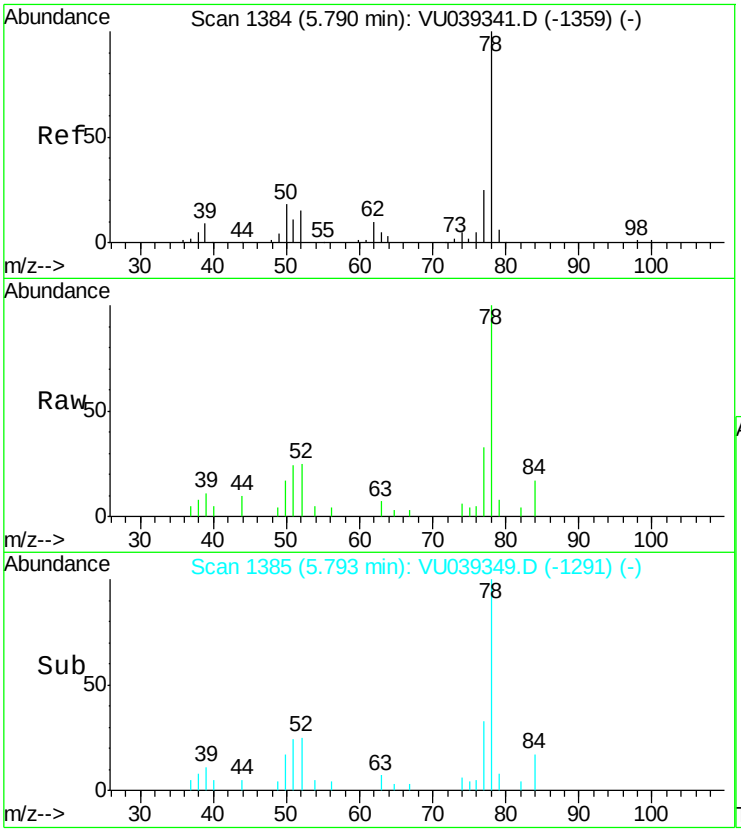


#25
Chloroform
Concen: 0.458 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039349.D
Acq: 08 Jul 2020 15:58

Tgt Ion: 83 Resp: 6501

Ion	Ratio	Lower	Upper
83	100		
85	73.9	44.9	83.5

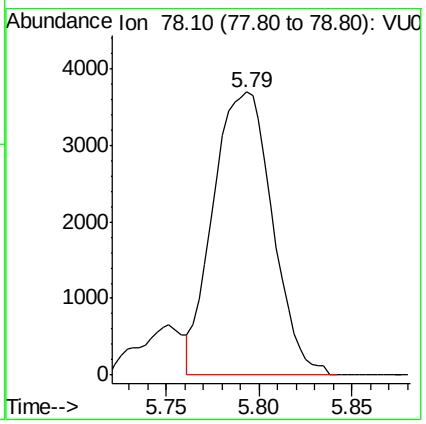


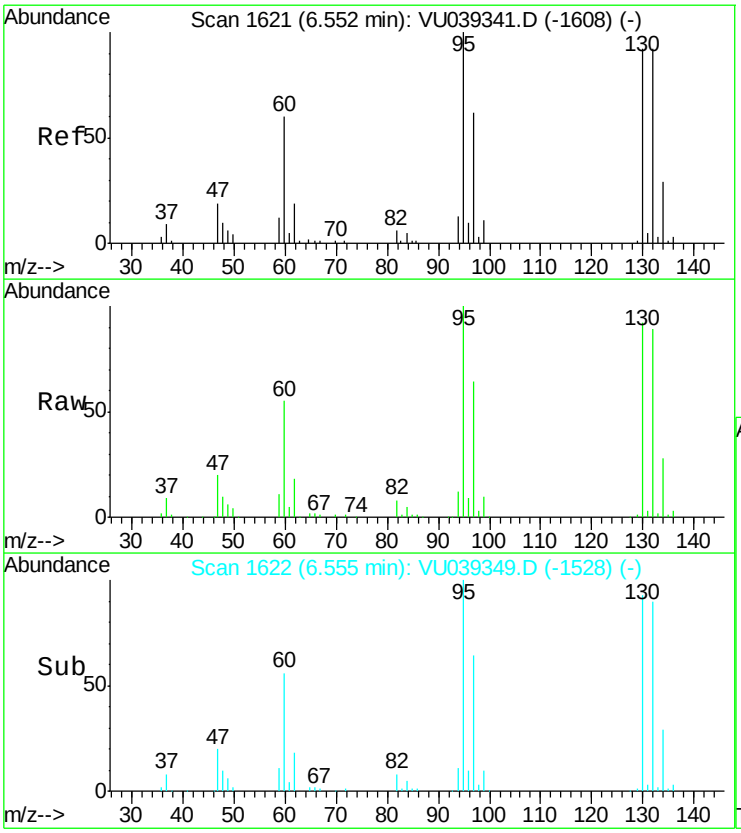


#33
Benzene
Concen: 0.274 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039349.D
Acq: 08 Jul 2020 15:58

Instrument :
MSVOA_U
ClientSampleId :
H4283

Tgt Ion: 78 Resp: 8169

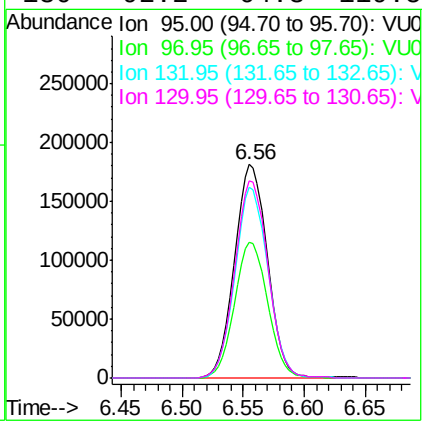


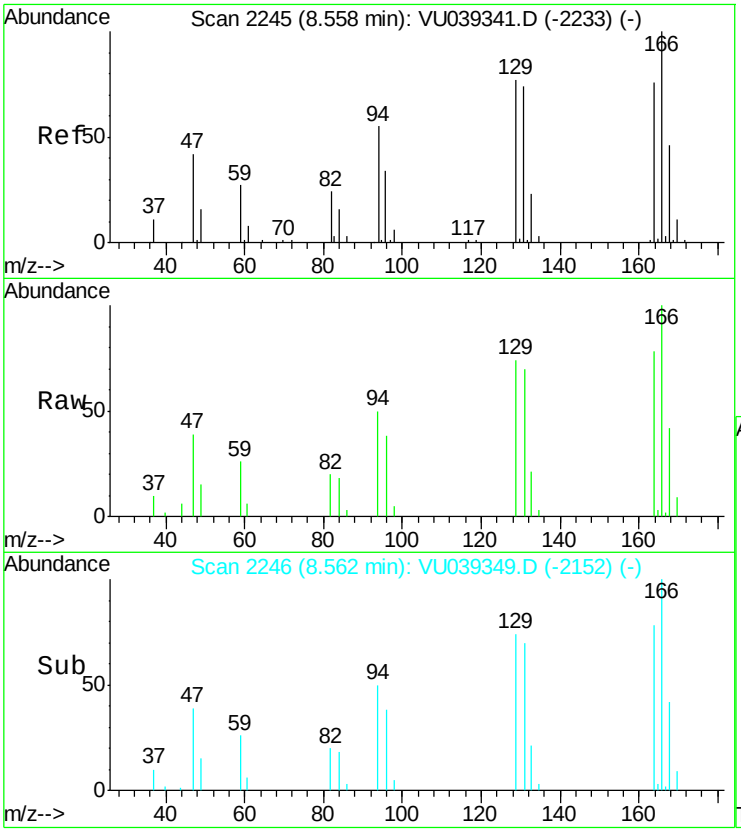


#34
Trichloroethene
Concen: 43.956 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039349.D
Acq: 08 Jul 2020 15:58

Tgt Ion: 95 Resp: 338804

Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.3	85.9
132	89.5	64.0	118.8
130	92.2	64.3	119.5

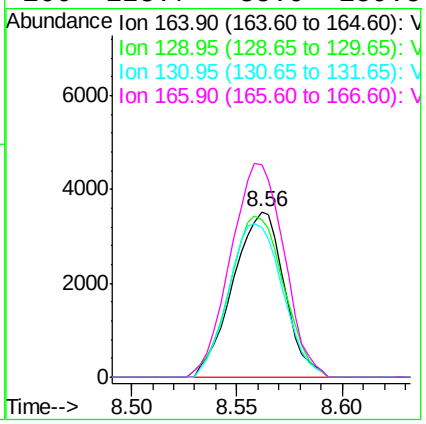




#47
Tetrachloroethene
Concen: 1.110 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU039349.D
Acq: 08 Jul 2020 15:58

Tgt Ion:164 Resp: 5952

Ion	Ratio	Lower	Upper
164	100		
129	95.2	68.6	127.4
131	90.5	66.4	123.4
166	128.7	85.9	159.5



Instrument :
MSVOA_U
ClientSampleId :
H4283