Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041289.D
Acq On : 17 Nov 2020 18:42
Operator : SY/MD
Sample : L4759-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4417

Quant Time: Nov 18 00:01:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	65537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65177	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26733	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	24671	5.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.40%			
7) Chloroethane-d5	1.92	69	21540	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.58	63	35414	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	4.65	46	96877	48.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.48%			
24) Chloroform-d	5.08	84	51214	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.72	65	31806	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.74	84	86828	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.70	67	33313	5.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.00%			
41) Toluene-d8	7.91	98	75462	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
43) trans-1,3-Dichloropropene-	8.19	79	12607	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.80%			
46) 2-Hexanone-d5	8.64	63	67097	48.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.40%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27075	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27912	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	42265	7.429	ug/L #	70
6) Bromomethane	1.86	94	378	0.112	ug/L	77
17) Methyl tert-butyl Ether	3.38	73	1142721	97.840	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	93048	22.395	ug/L	98
19) 1,1-Dichloroethane	3.89	63	10837	1.167	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	318005	67.769	ug/L	96
33) Benzene	5.79	78	4740	0.268	ug/L	100
34) Trichloroethene	6.56	95	10380	2.174	ug/L	97

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

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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Time: Nov 18 00:01:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
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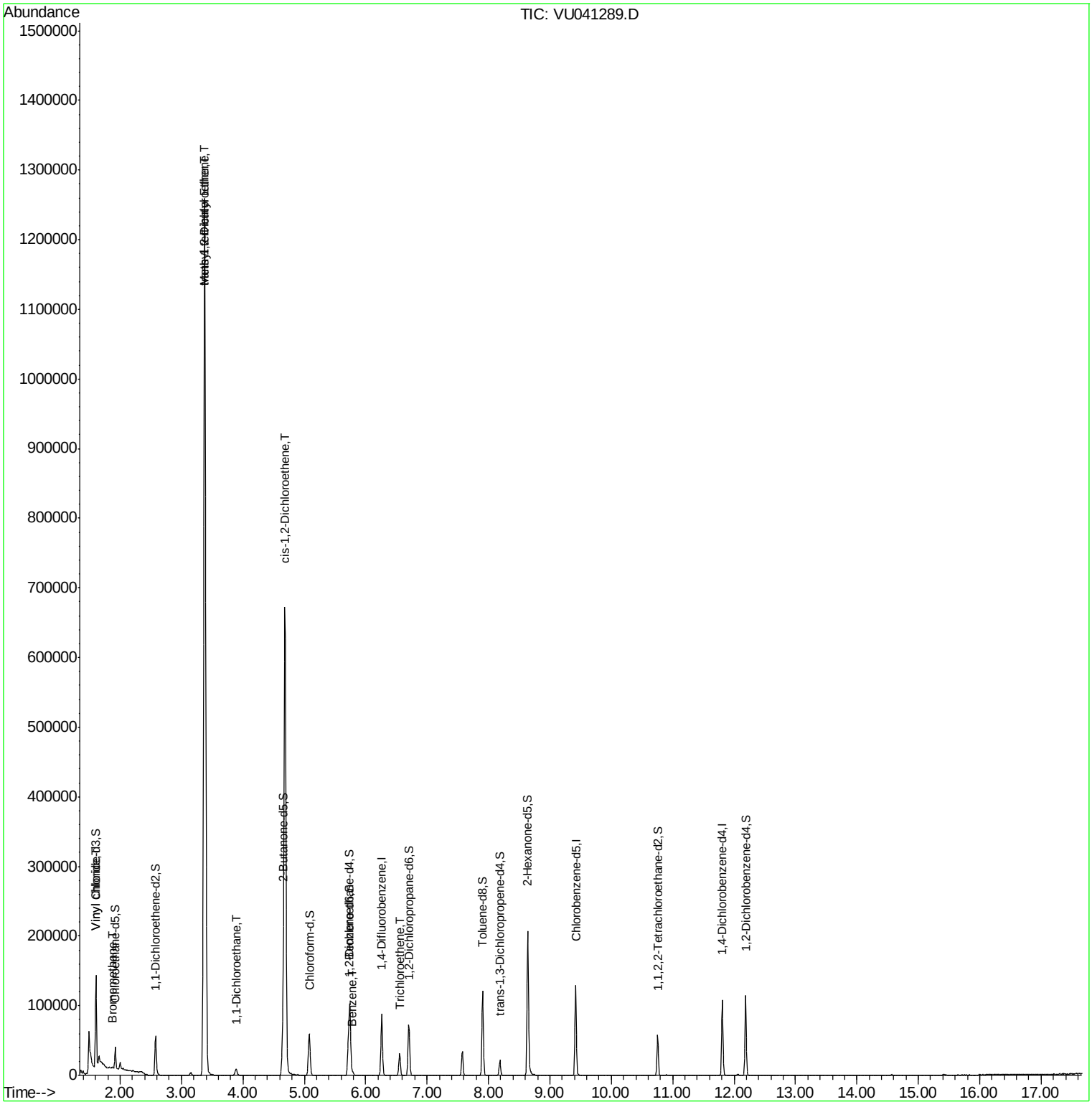
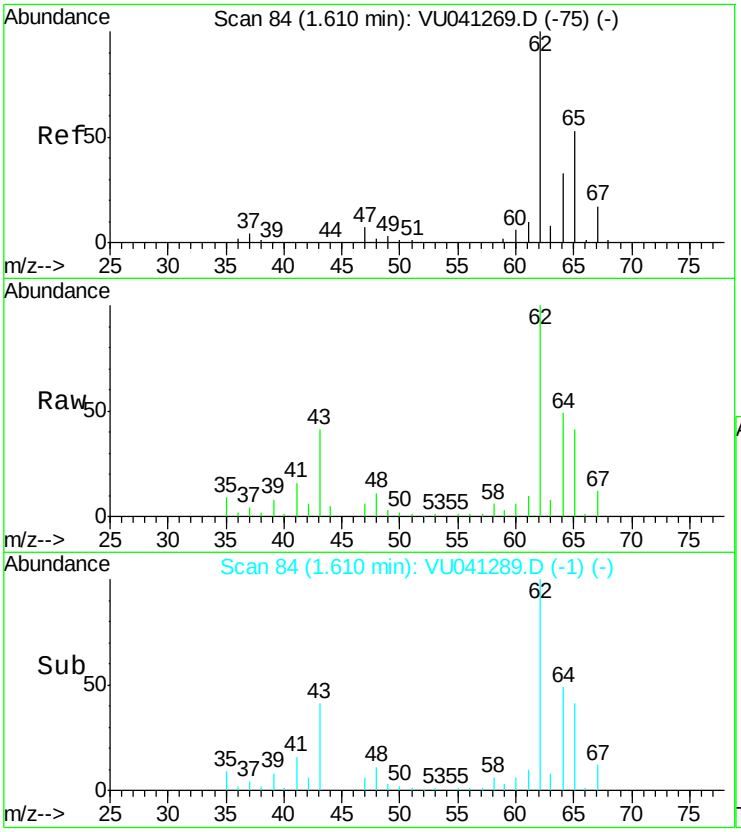


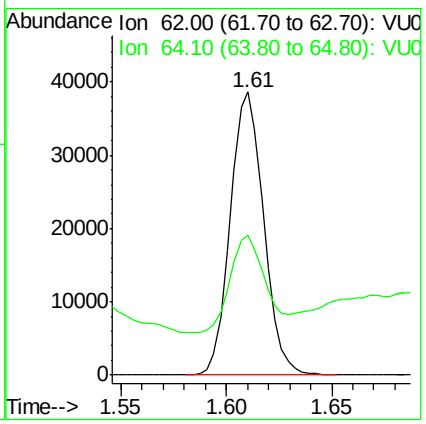


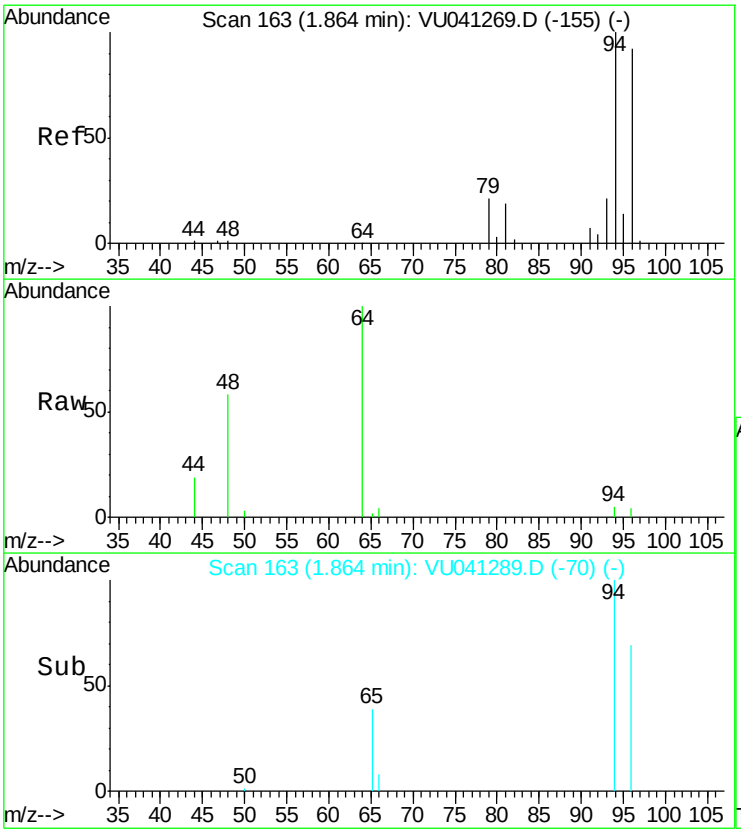
#5
Vinyl chloride
Concen: 7.429 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU041289.D
Acq: 17 Nov 2020 18:42

Instrument : MSVOA_U
ClientSampleId : H4417

Tgt Ion: 62 Resp: 42265

Ion	Ratio	Lower	Upper
62	100		
64	49.5	22.7	42.3#

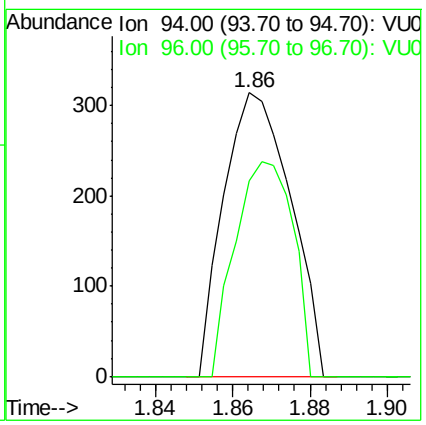


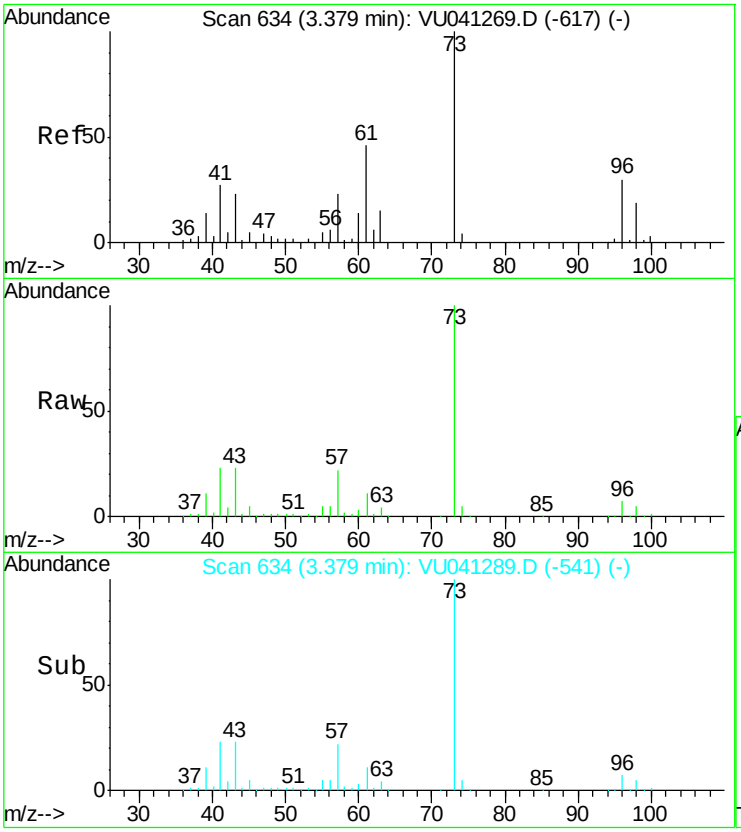


#6
Bromomethane
Concen: 0.112 ug/L
RT: 1.86 min Scan# 163
Delta R.T. -0.00 min
Lab File: VU041289.D
Acq: 17 Nov 2020 18:42

Tgt Ion: 94 Resp: 378

Ion	Ratio	Lower	Upper
94	100		
96	68.8	63.5	117.9



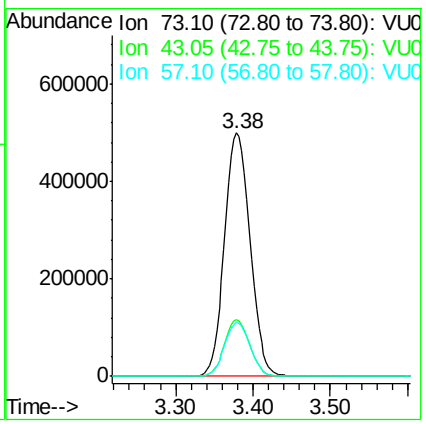


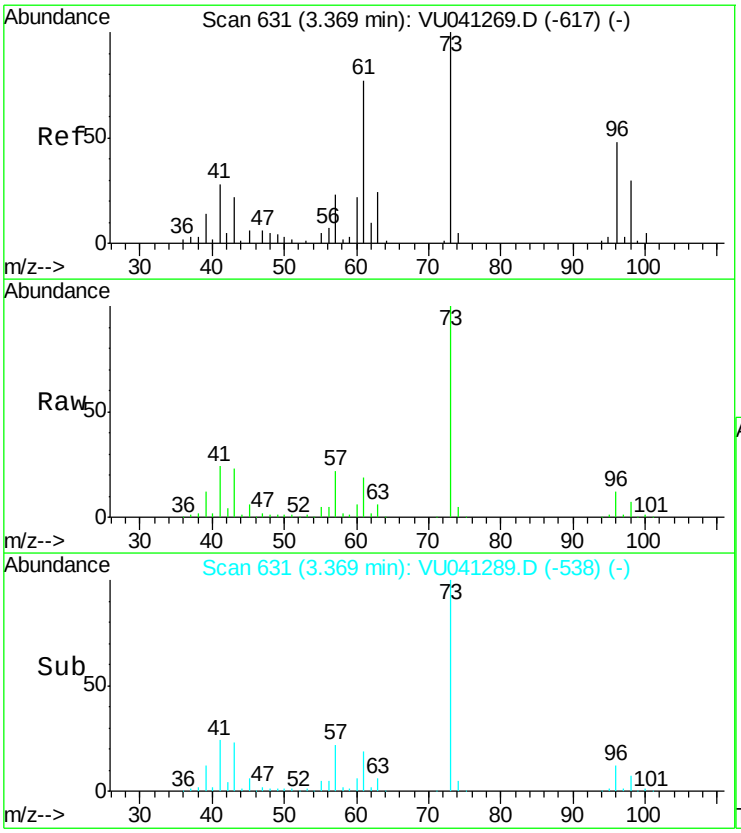
#17
Methyl tert-butyl Ether
Concen: 97.840 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041289.D
Acq: 17 Nov 2020 18:42

Instrument : MSVOA_U
ClientSampleId : H4417

Tgt Ion: 73 Resp: 1142721

Ion	Ratio	Lower	Upper
73	100		
43	23.0	18.5	27.7
57	22.3	18.4	27.6

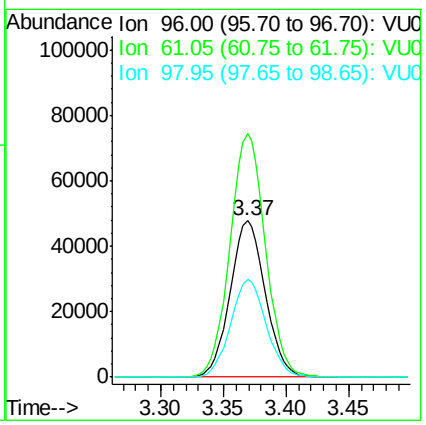


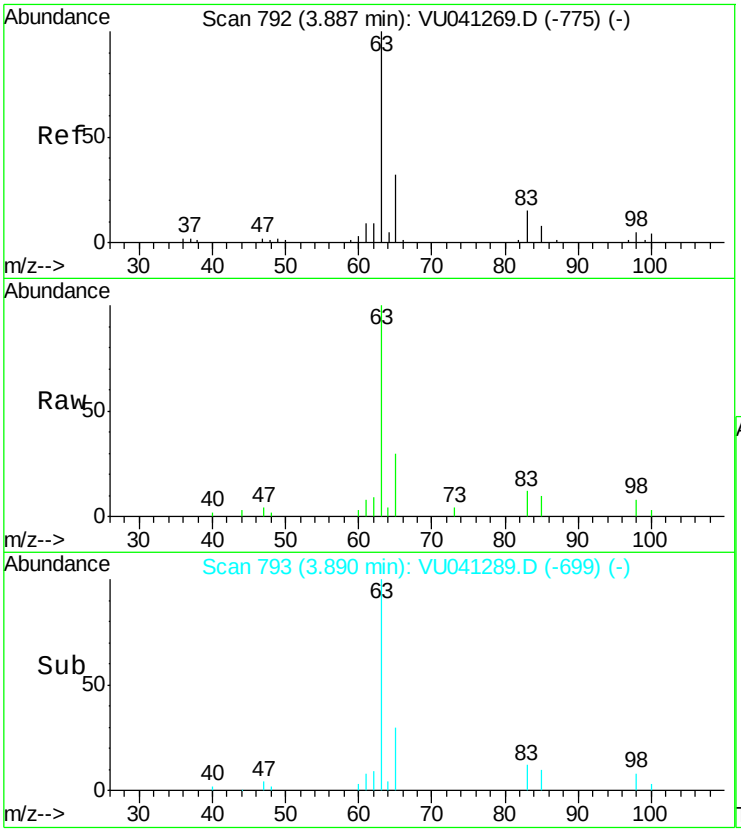


#18
trans-1,2-Dichloroethene
Concen: 22.395 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU041289.D
Acq: 17 Nov 2020 18:42

Tgt Ion: 96 Resp: 93048

Ion	Ratio	Lower	Upper
96	100		
61	156.1	110.9	205.9
98	62.5	45.4	84.2



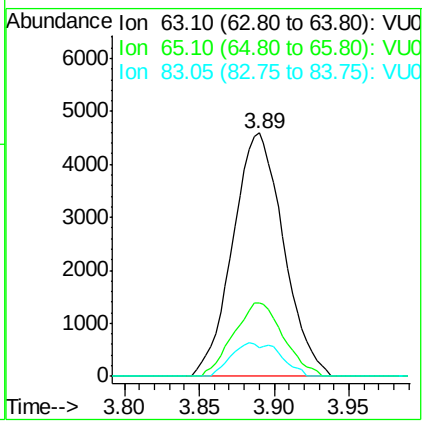


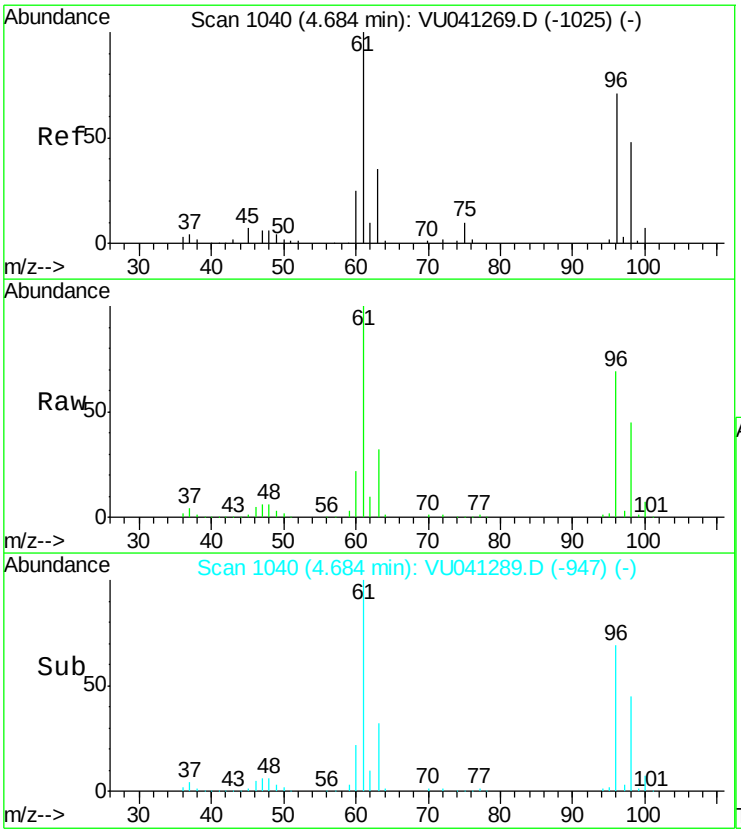
#19
1,1-Dichloroethane
Concen: 1.167 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU041289.D
Acq: 17 Nov 2020 18:42

Instrument : MSVOA_U
ClientSampleId : H4417

Tgt Ion: 63 Resp: 10837

Ion	Ratio	Lower	Upper
63	100		
65	30.3	21.3	39.6
83	12.0	8.8	16.3

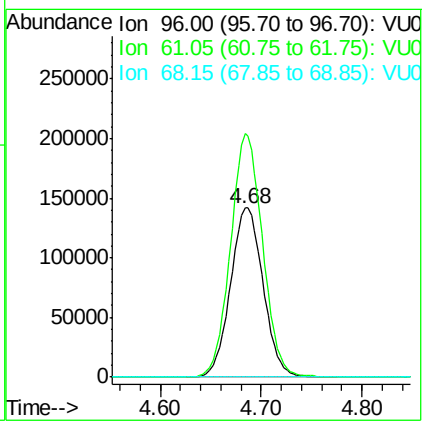


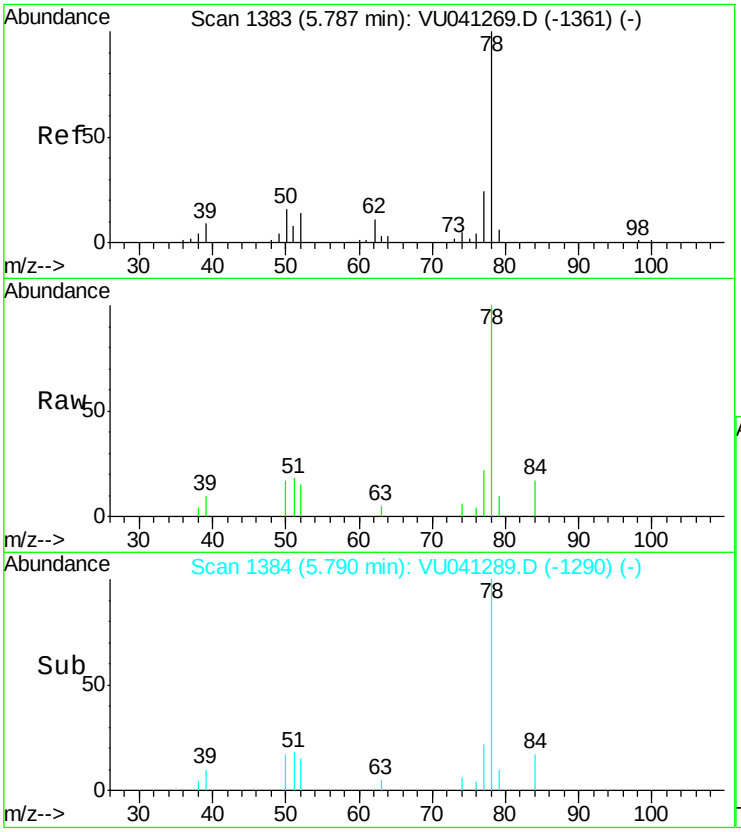


#22
cis-1,2-Dichloroethene
Concen: 67.769 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU041289.D
Acq: 17 Nov 2020 18:42

Tgt Ion: 96 Resp: 318005

Ion	Ratio	Lower	Upper
96	100		
61	143.9	97.2	180.4
68	0.0	0.0	0.0

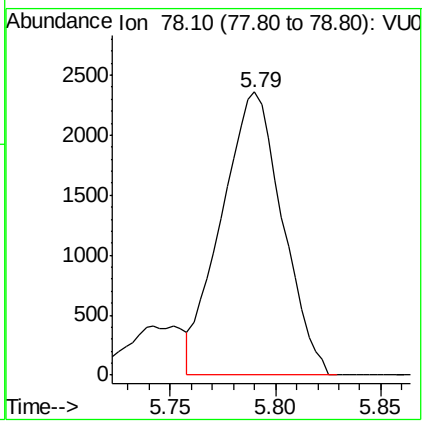


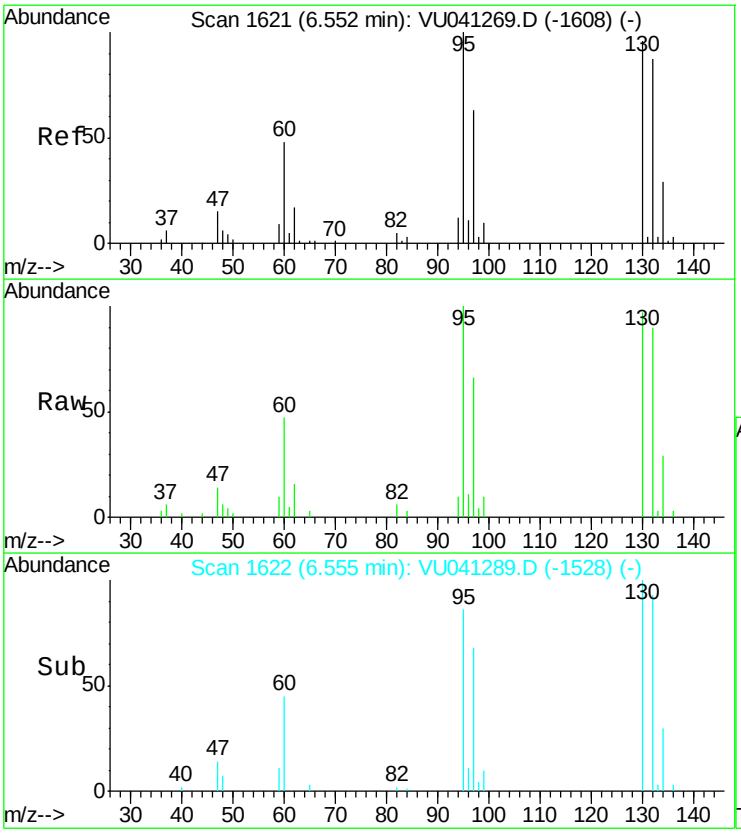


#33
Benzene
Concen: 0.268 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041289.D
Acq: 17 Nov 2020 18:42

Instrument :
MSVOA_U
ClientSampleId :
H4417

Tgt Ion: 78 Resp: 4740





#34
Trichloroethene
Concen: 2.174 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041289.D
Acq: 17 Nov 2020 18:42

Tgt Ion: 95 Resp: 10380

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.6	84.6
132	89.6	64.8	120.4
130	96.6	64.8	120.4