Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041334.D
Acq On : 19 Nov 2020 00:10
Operator : SY/MD
Sample : L4790-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4419

Quant Time: Nov 19 02:11:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63348	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27005	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	20314	4.36	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.20%			
7) Chloroethane-d5	1.92	69	18000	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.58	63	31753	3.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.00%			
20) 2-Butanone-d5	4.65	46	91069	47.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.80%			
24) Chloroform-d	5.08	84	49525	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.72	65	31410	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.74	84	85502	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.70	67	29242	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.91	98	69292	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	8.19	79	11642	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	8.64	63	62422	44.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.74%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27179	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	26904	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	69419	12.623	ug/L #	72
17) Methyl tert-butyl Ether	3.38	73	120034	10.633	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	21716	5.407	ug/L	96
19) 1,1-Dichloroethane	3.89	63	7065	0.787	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	6338	1.397	ug/L	87
33) Benzene	5.79	78	6668	0.374	ug/L	100
34) Trichloroethene	6.55	95	1328	0.275	ug/L #	77
42) Toluene	7.98	91	4501	0.236	ug/L	85

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

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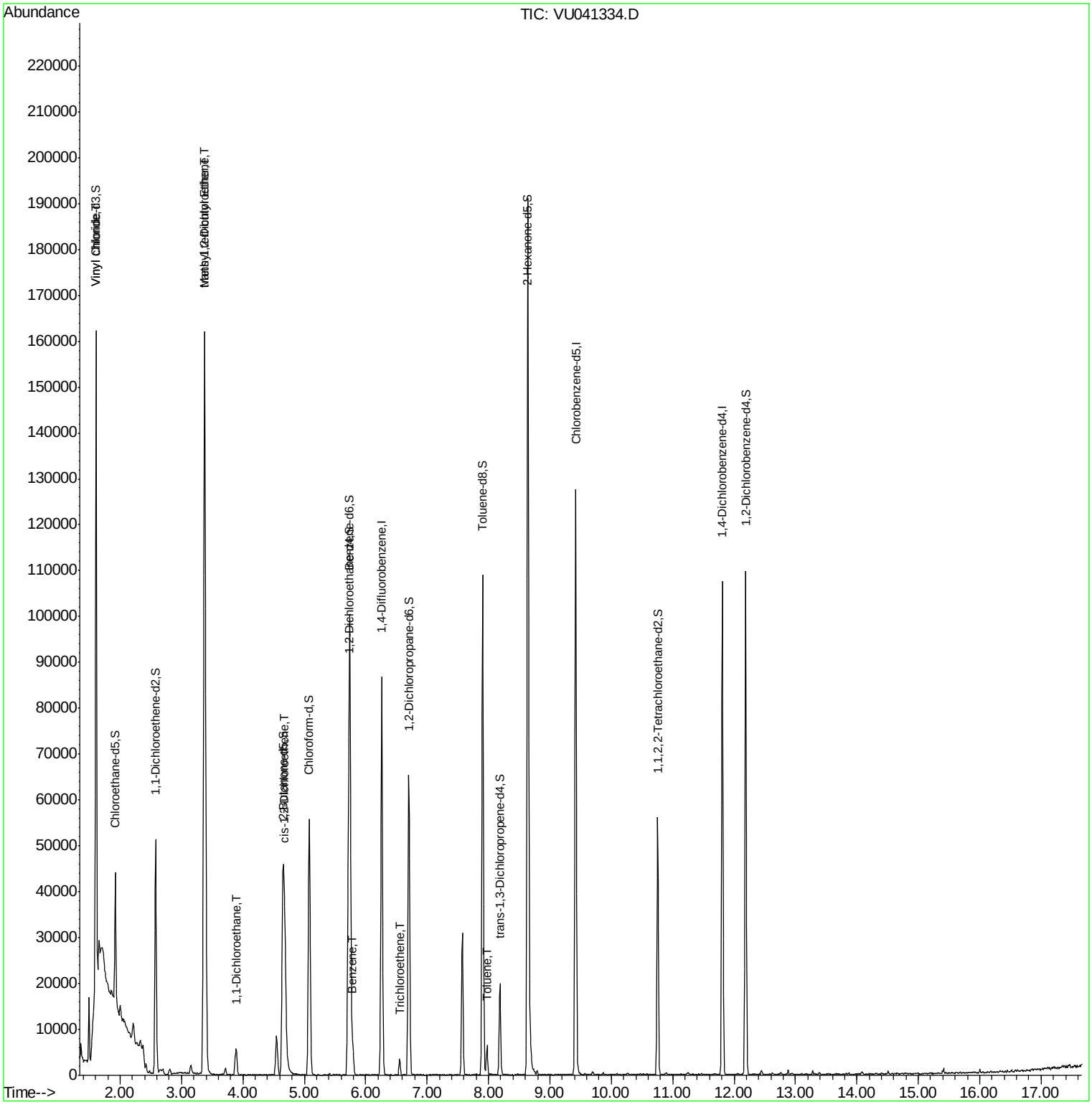
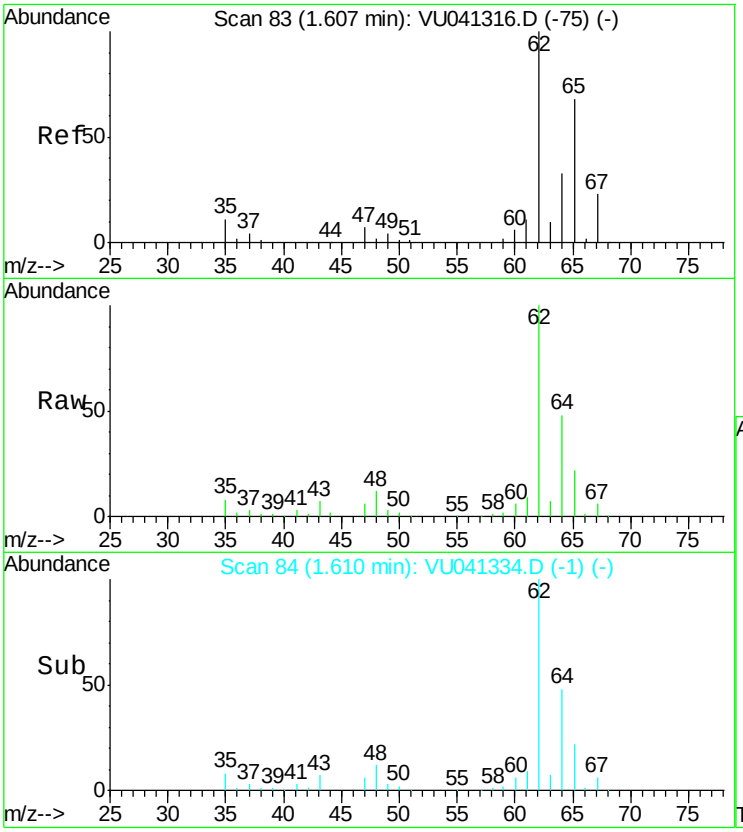


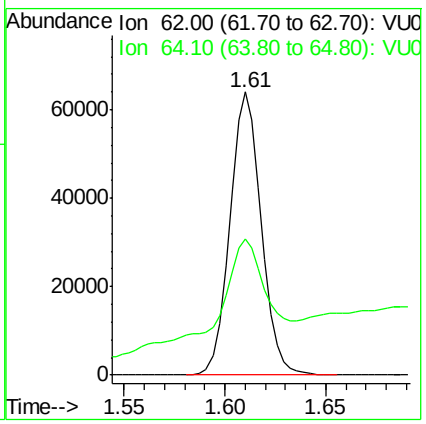


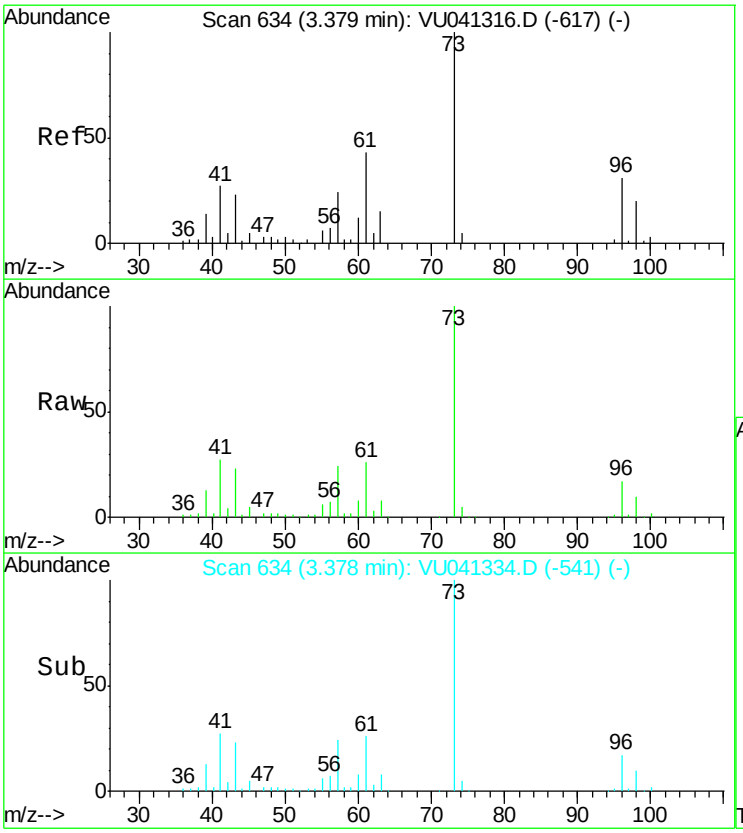
#5
Vinyl chloride
Concen: 12.623 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041334.D
Acq: 19 Nov 2020 00:10

Instrument : MSVOA_U
ClientSampleId : H4419

Tgt Ion: 62 Resp: 69419

Ion	Ratio	Lower	Upper
62	100		
64	48.1	22.7	42.3#

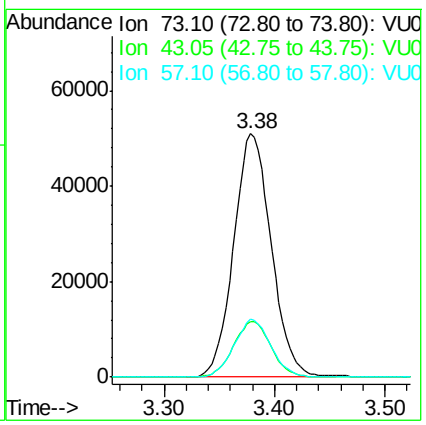


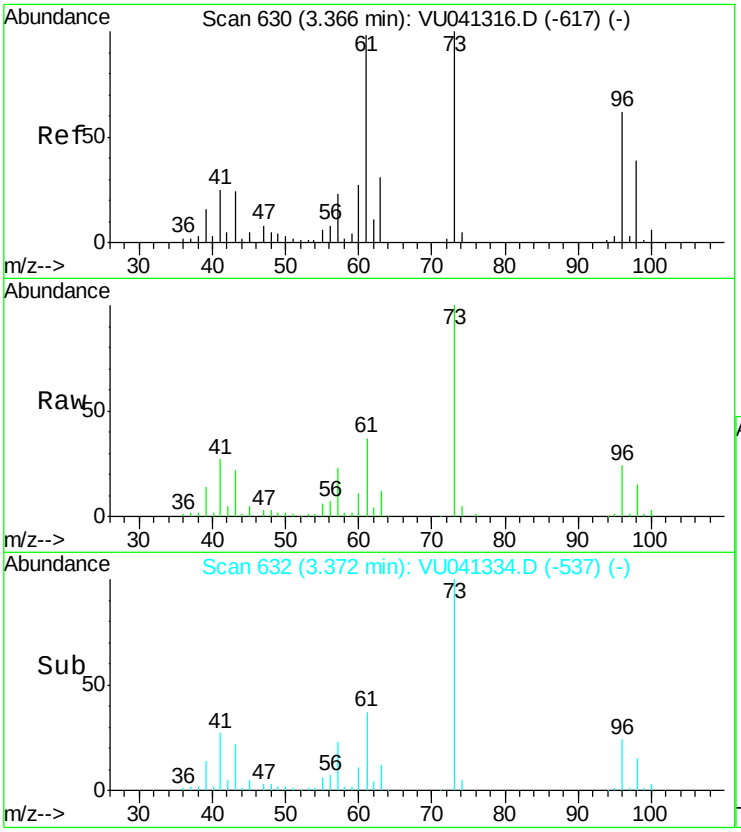


#17
Methyl tert-butyl Ether
Concen: 10.633 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041334.D
Acq: 19 Nov 2020 00:10

Tgt Ion: 73 Resp: 120034

Ion	Ratio	Lower	Upper
73	100		
43	22.9	18.5	27.7
57	23.2	18.4	27.6



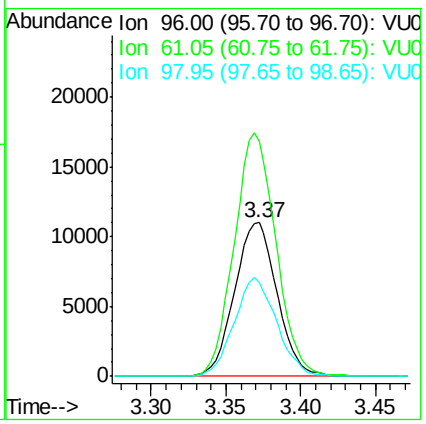


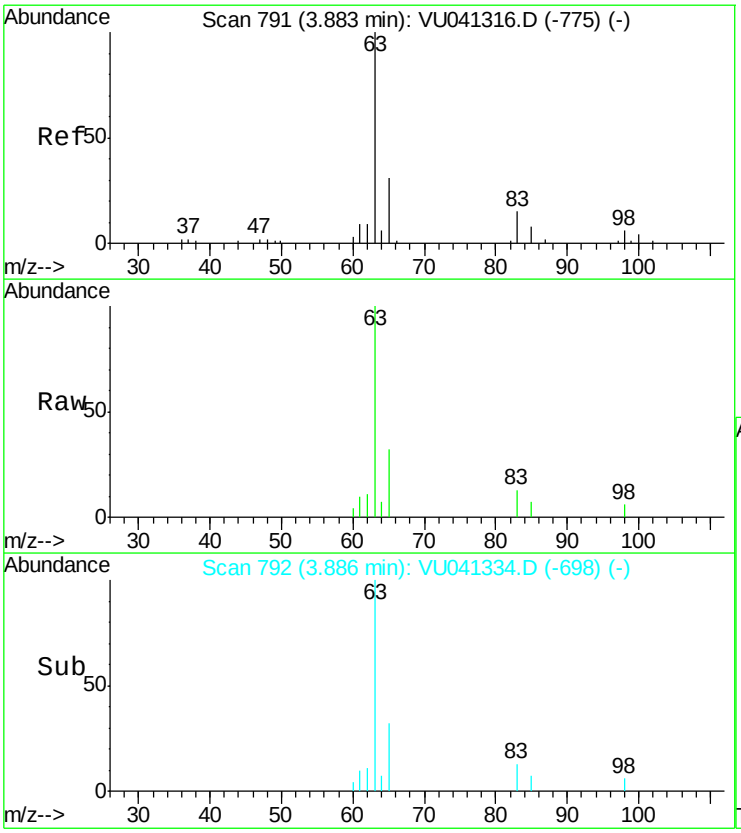
#18
trans-1,2-Dichloroethene
Concen: 5.407 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU041334.D
Acq: 19 Nov 2020 00:10

Instrument :
MSVOA_U
ClientSampleId :
H4419

Tgt Ion: 96 Resp: 21716

Ion	Ratio	Lower	Upper
96	100		
61	153.1	110.9	205.9
98	61.5	45.4	84.2

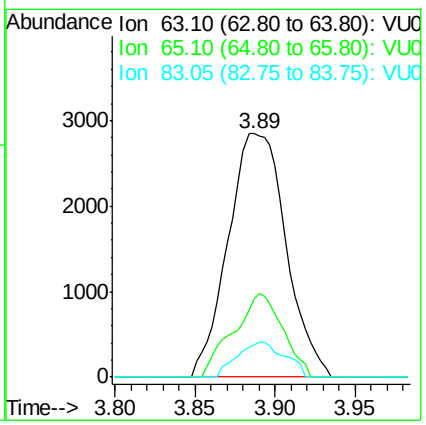


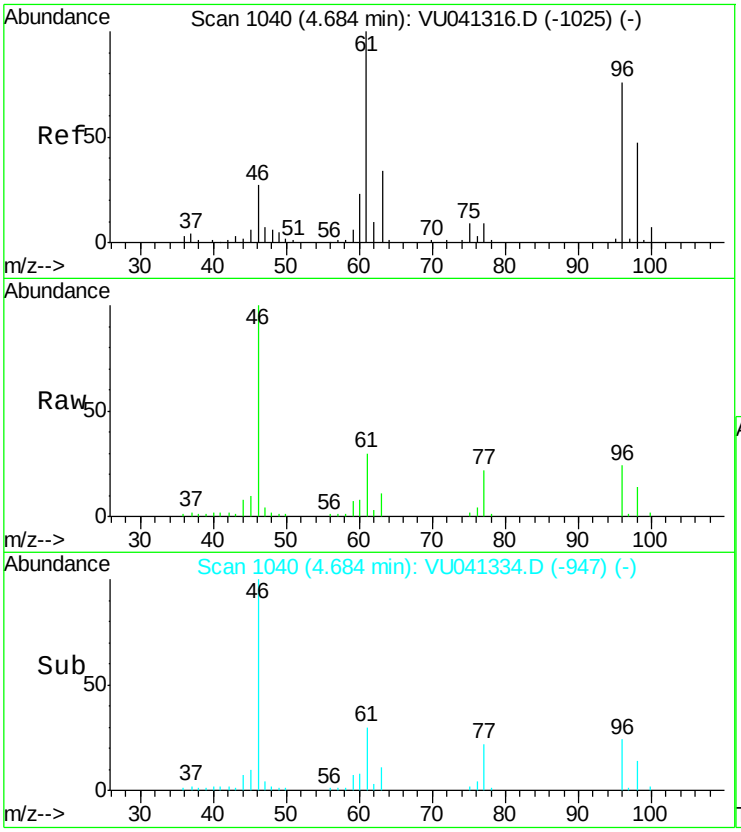


#19
1,1-Dichloroethane
Concen: 0.787 ug/L
RT: 3.89 min Scan# 792
Delta R.T. 0.00 min
Lab File: VU041334.D
Acq: 19 Nov 2020 00:10

Tgt Ion: 63 Resp: 7065

Ion	Ratio	Lower	Upper
63	100		
65	32.5	21.3	39.6
83	13.2	8.8	16.3



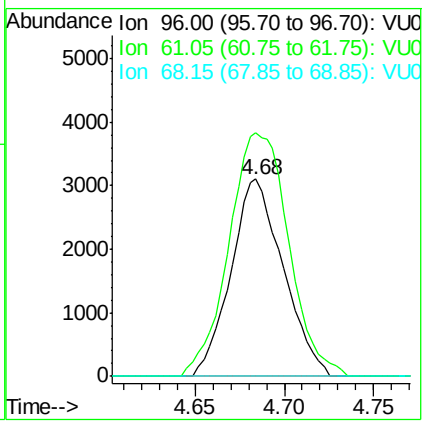


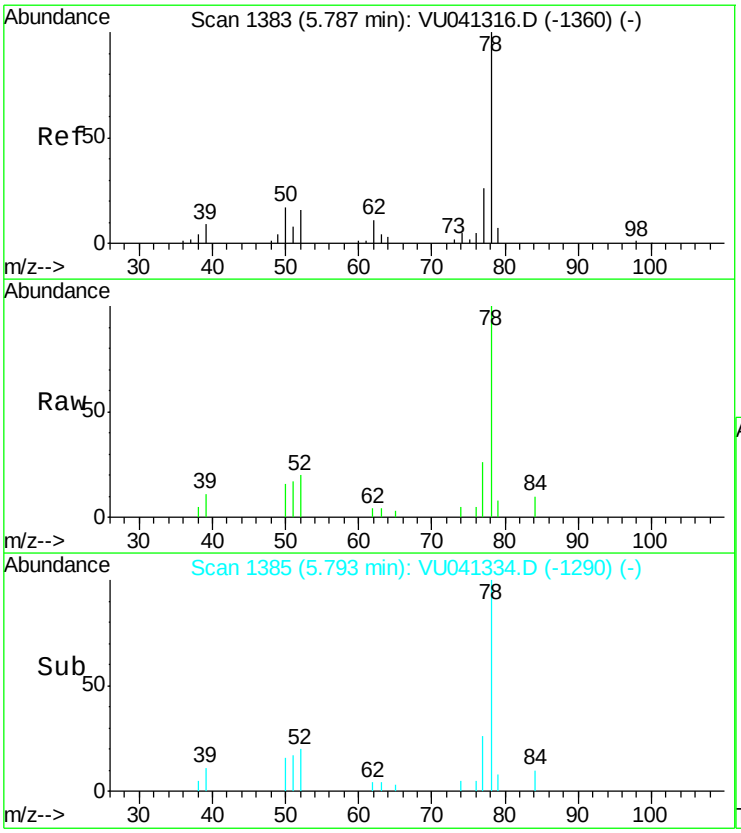
#22
cis-1,2-Dichloroethene
Concen: 1.397 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU041334.D
Acq: 19 Nov 2020 00:10

Instrument :
MSVOA_U
ClientSampleId :
H4419

Tgt Ion: 96 Resp: 6338

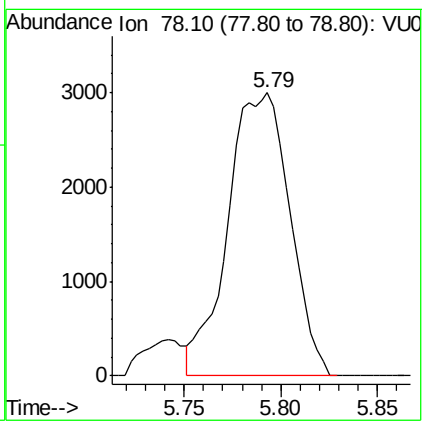
Ion	Ratio	Lower	Upper
96	100		
61	123.5	97.2	180.4
68	0.0	0.0	0.0

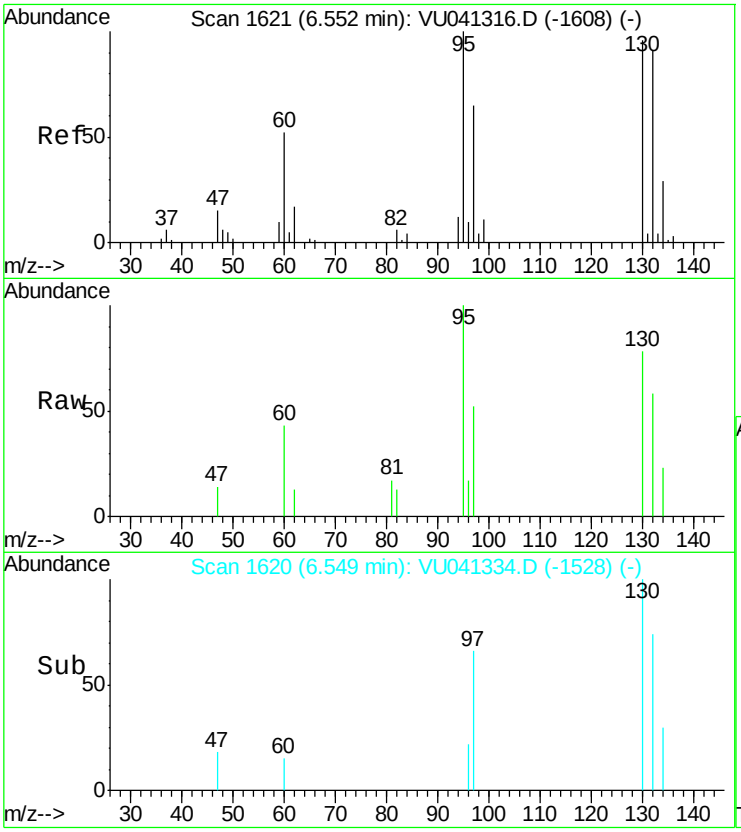




#33
Benzene
Concen: 0.374 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.01 min
Lab File: VU041334.D
Acq: 19 Nov 2020 00:10

Tgt Ion: 78 Resp: 6668



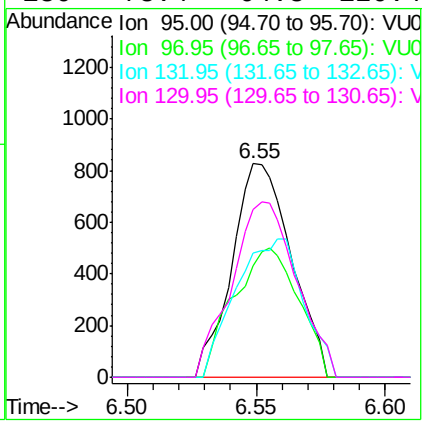


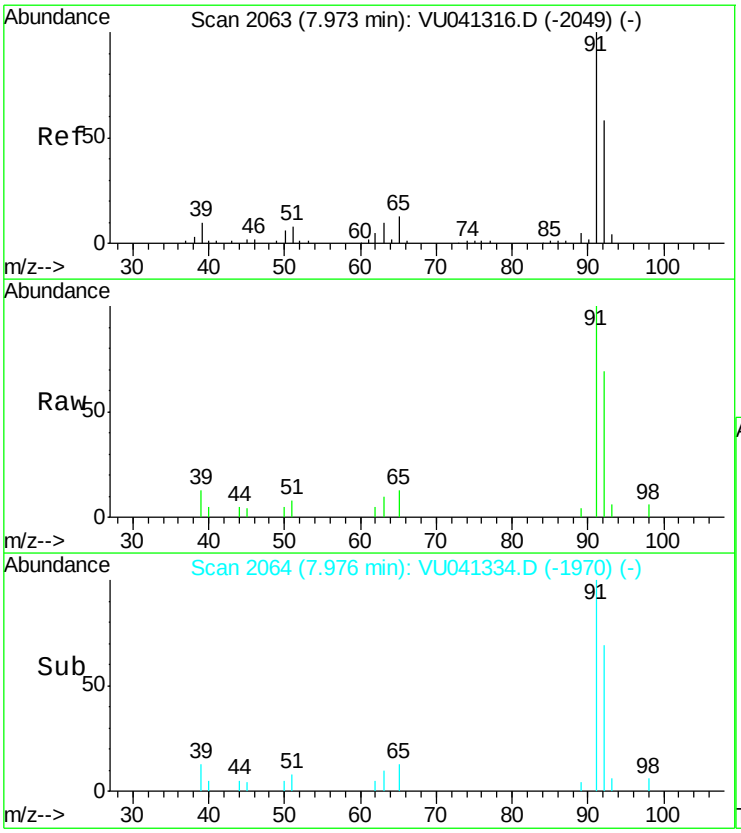
#34
Trichloroethene
Concen: 0.275 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VU041334.D
Acq: 19 Nov 2020 00:10

Instrument : MSVOA_U
ClientSampleId : H4419

Tgt Ion: 95 Resp: 1328

Ion	Ratio	Lower	Upper
95	100		
97	51.9	45.6	84.6
132	58.0	64.8	120.4#
130	78.4	64.8	120.4





#42
Toluene
Concen: 0.236 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041334.D
Acq: 19 Nov 2020 00:10

Tgt Ion: 91 Resp: 4501

Ion	Ratio	Lower	Upper
91	100		
92	69.2	40.6	75.4