Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041335.D
Acq On : 19 Nov 2020 00:34
Operator : SY/MD
Sample : L4790-19MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4419

Quant Time: Nov 19 02:27:34 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	64763	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67062	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26998	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	20164	4.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.60%			
7) Chloroethane-d5	1.92	69	17822	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.58	63	45261	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.00%			
20) 2-Butanone-d5	4.66	46	90035	45.84	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.68%			
24) Chloroform-d	5.08	84	49751	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.72	65	31264	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.74	84	85784	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.70	67	29828	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.91	98	70021	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.20%			
43) trans-1,3-Dichloropropene-	8.19	79	11252	4.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.80%			
46) 2-Hexanone-d5	8.64	63	64082	44.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.48%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27039	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27894	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	70247	12.494	ug/L #	70
12) 1,1-Dichloroethene	2.59	96	24317	5.768	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	122488	10.613	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	22137	5.392	ug/L	94
19) 1,1-Dichloroethane	3.89	63	7348	0.800	ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	6165	1.329	ug/L	98
33) Benzene	5.79	78	116829	6.428	ug/L	100
34) Trichloroethene	6.55	95	28538	5.810	ug/L	97
42) Toluene	7.98	91	114006	5.870	ug/L	99
51) Chlorobenzene	9.45	112	74071	5.758	ug/L	97

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

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Instrument :
MSVOA_U
ClientSampleId :
H4419

Quant Time: Nov 19 02:27:34 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
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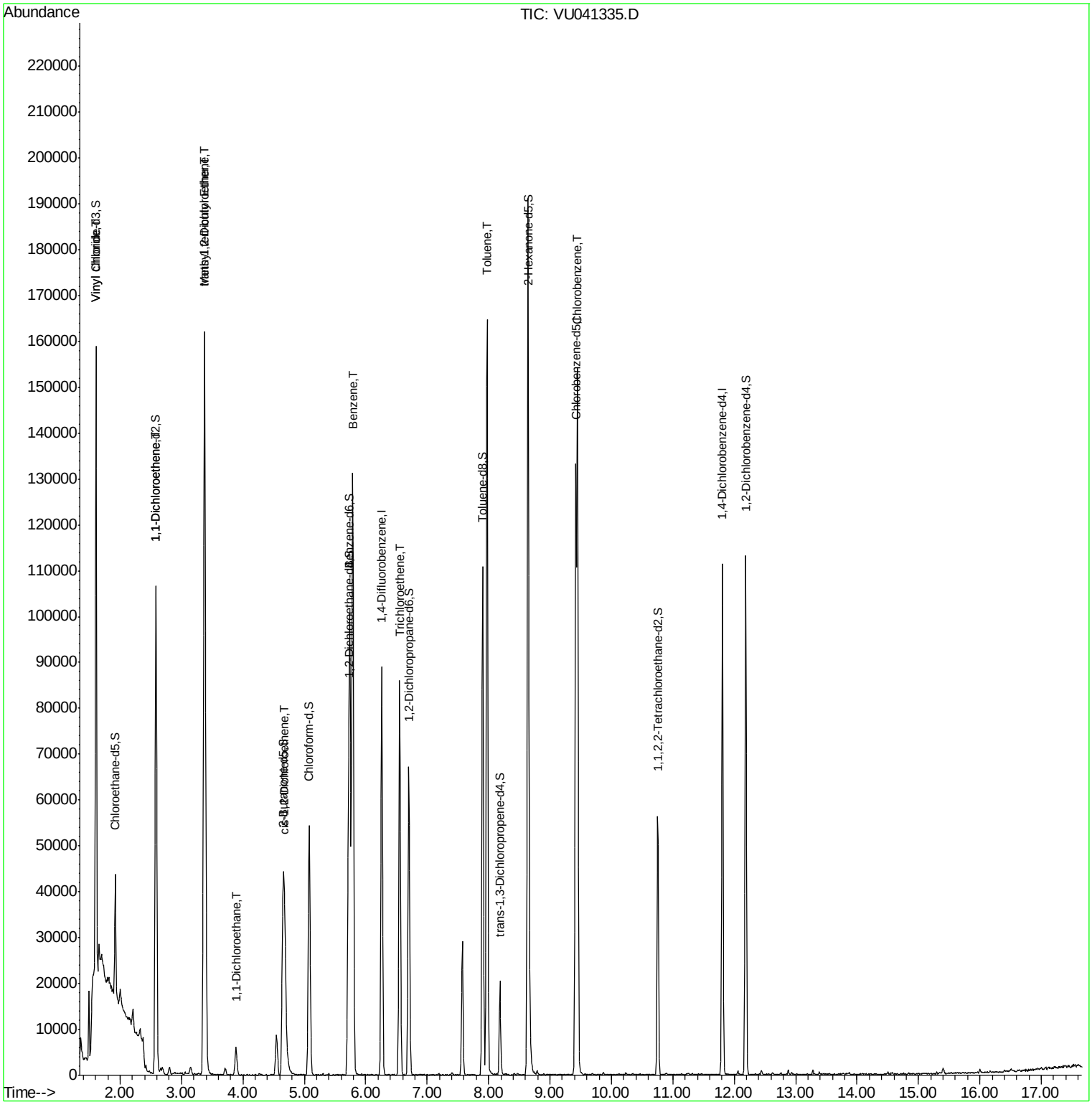
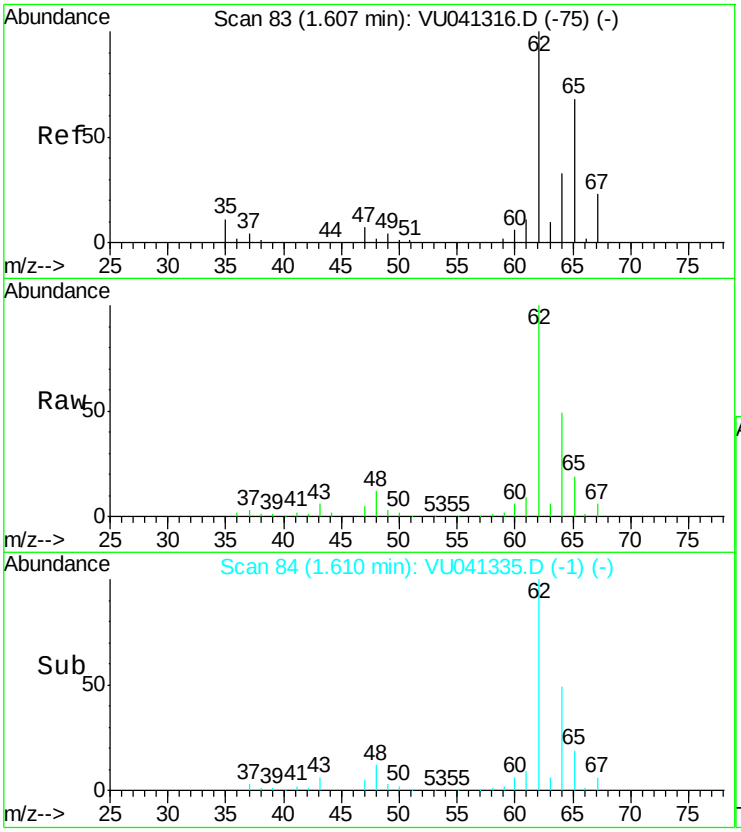


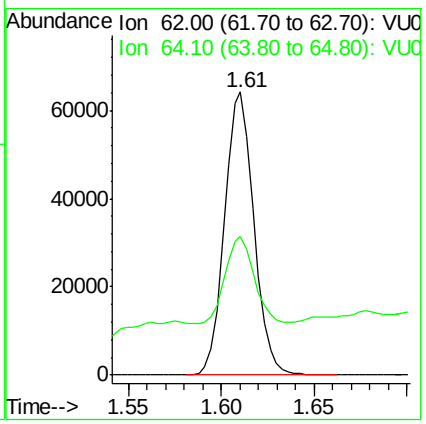


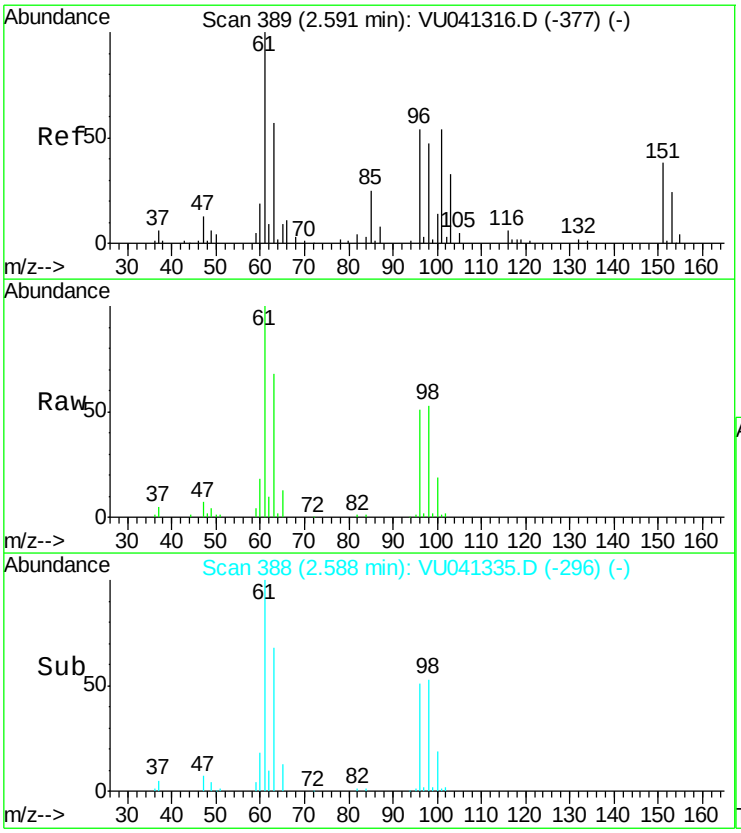
#5
Vinyl chloride
Concen: 12.494 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041335.D
Acq: 19 Nov 2020 00:34

Instrument : MSVOA_U
ClientSampleId : H4419

Tgt Ion: 62 Resp: 70247

Ion	Ratio	Lower	Upper
62	100		
64	49.1	22.7	42.3#

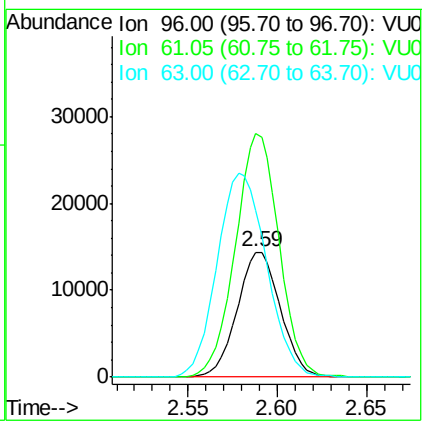


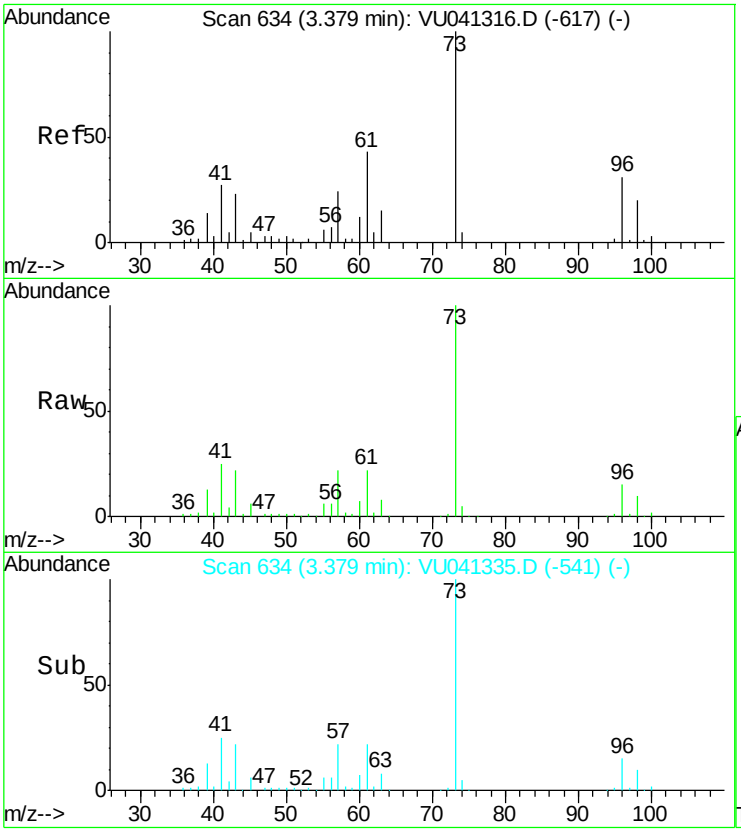


#12
1,1-Dichloroethene
Concen: 5.768 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.00 min
Lab File: VU041335.D
Acq: 19 Nov 2020 00:34

Tgt Ion: 96 Resp: 24317

Ion	Ratio	Lower	Upper
96	100		
61	194.8	134.3	249.5
63	133.4	95.0	176.4



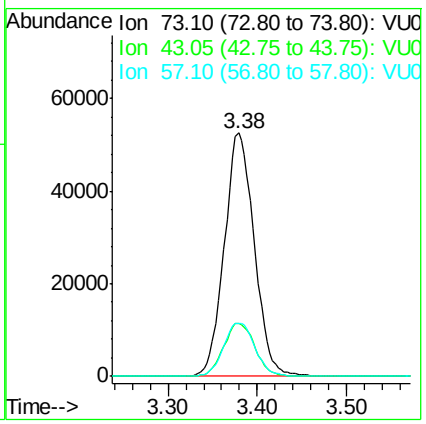


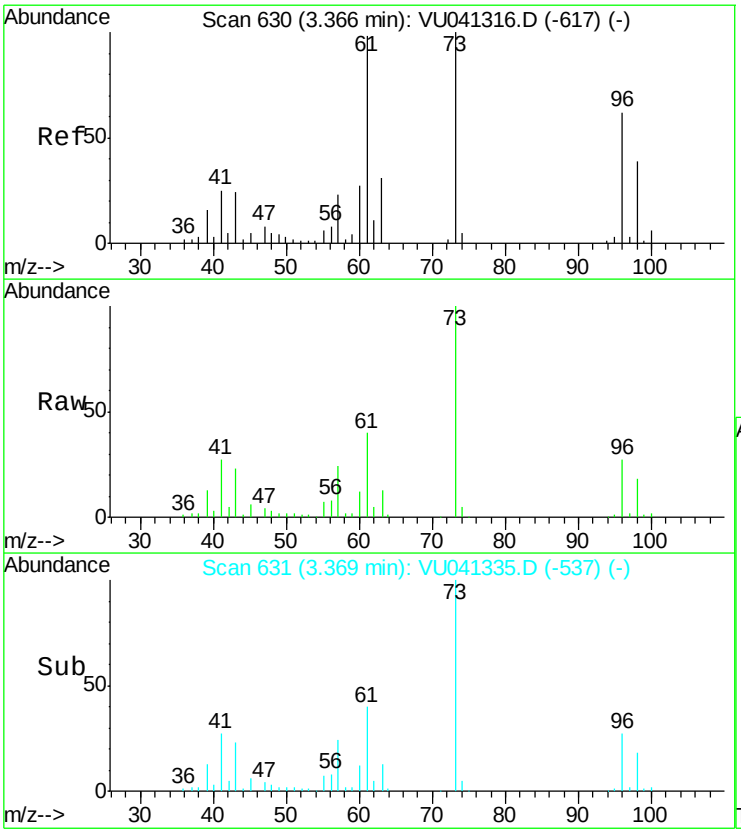
#17
Methyl tert-butyl Ether
Concen: 10.613 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU041335.D
Acq: 19 Nov 2020 00:34

Instrument :
MSVOA_U
ClientSampleId :
H4419

Tgt Ion: 73 Resp: 122488

Ion	Ratio	Lower	Upper
73	100		
43	22.8	18.5	27.7
57	22.9	18.4	27.6

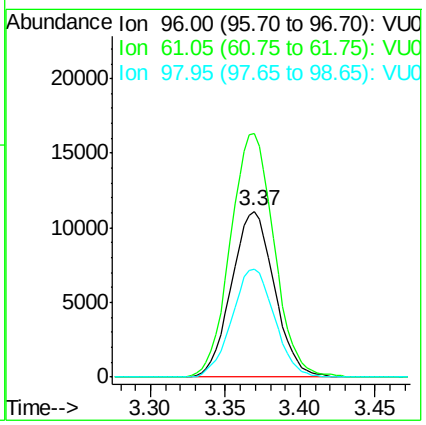


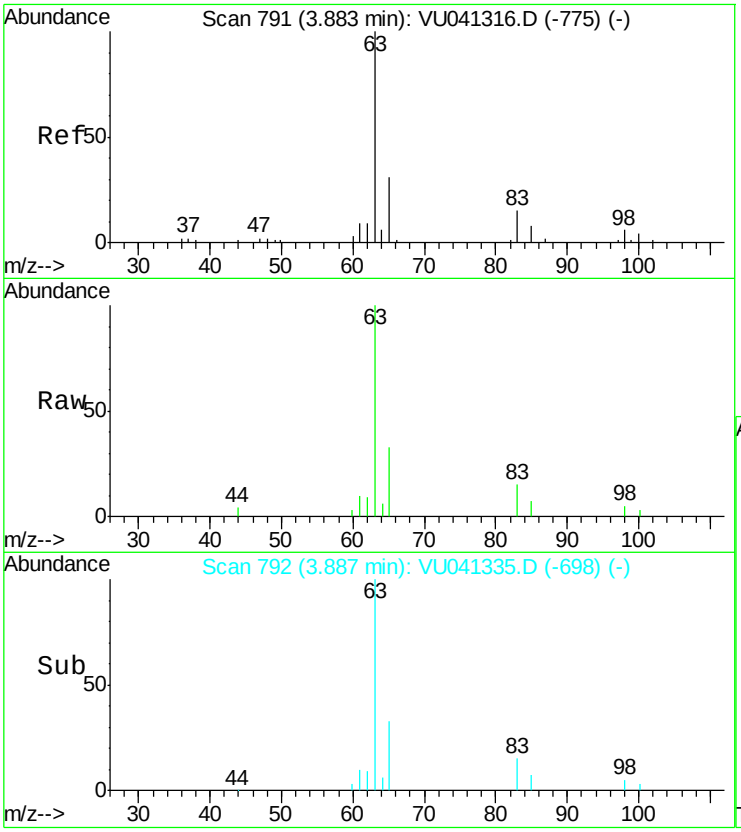


#18
trans-1,2-Dichloroethene
Concen: 5.392 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041335.D
Acq: 19 Nov 2020 00:34

Tgt Ion: 96 Resp: 22137

Ion	Ratio	Lower	Upper
96	100		
61	147.1	110.9	205.9
98	65.1	45.4	84.2



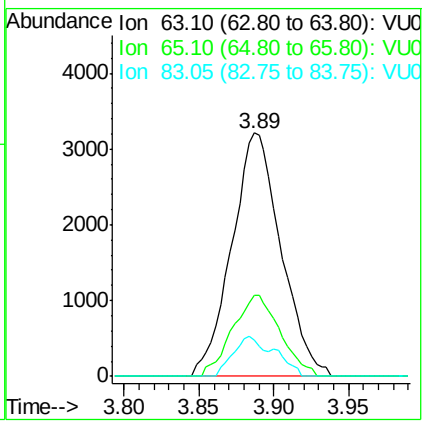


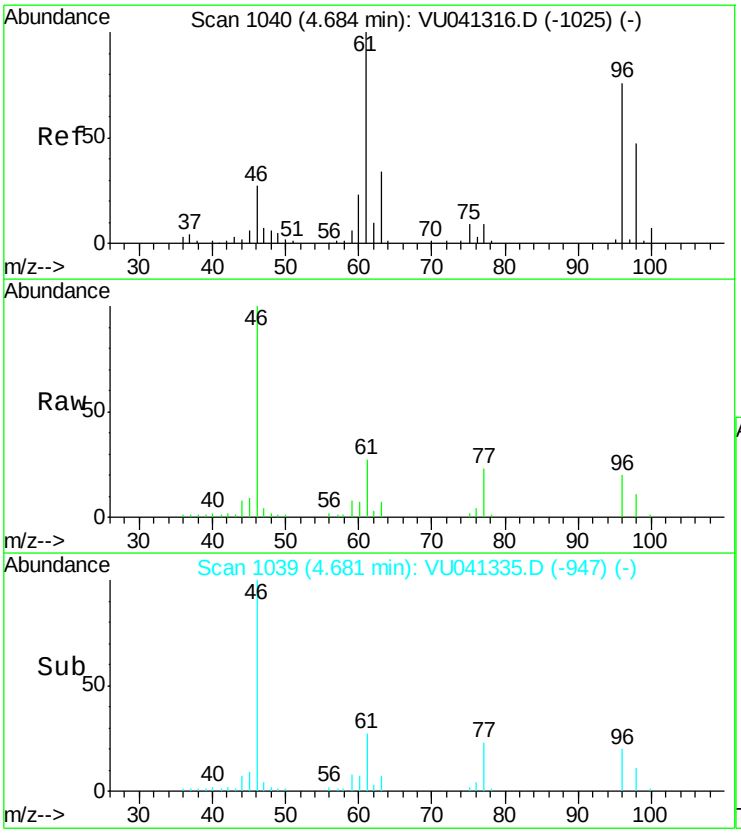
#19
1,1-Dichloroethane
Concen: 0.800 ug/L
RT: 3.89 min Scan# 792
Delta R.T. 0.00 min
Lab File: VU041335.D
Acq: 19 Nov 2020 00:34

Instrument : MSVOA_U
ClientSampleId : H4419

Tgt Ion: 63 Resp: 7348

Ion	Ratio	Lower	Upper
63	100		
65	33.1	21.3	39.6
83	15.2	8.8	16.3

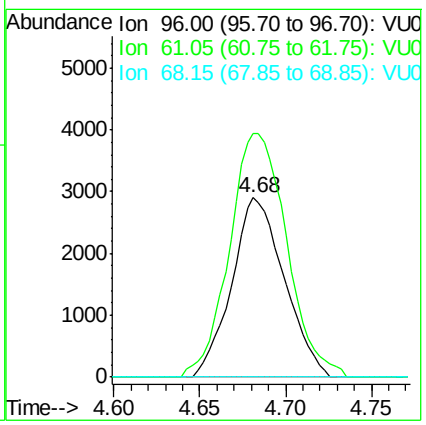


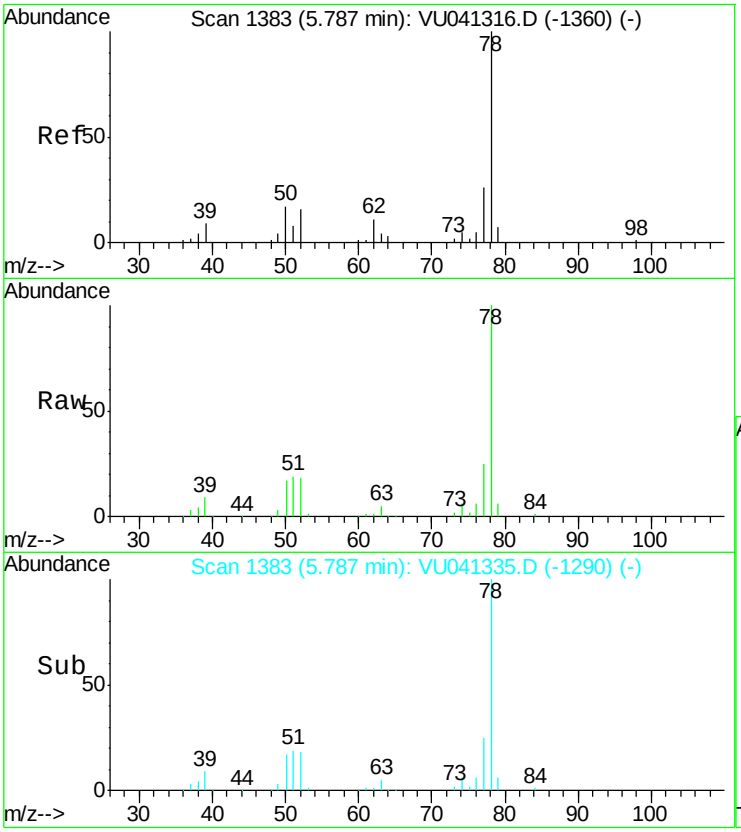


#22
cis-1,2-Dichloroethene
Concen: 1.329 ug/L
RT: 4.68 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VU041335.D
Acq: 19 Nov 2020 00:34

Tgt Ion: 96 Resp: 6165

Ion	Ratio	Lower	Upper
96	100		
61	135.9	97.2	180.4
68	0.0	0.0	0.0

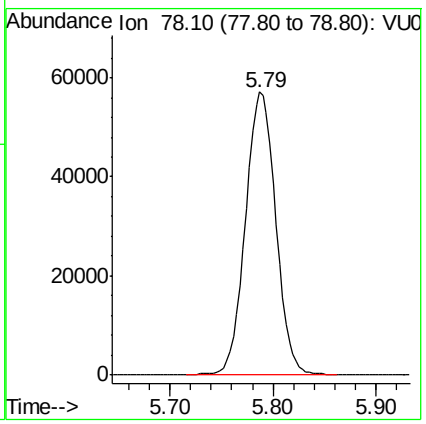


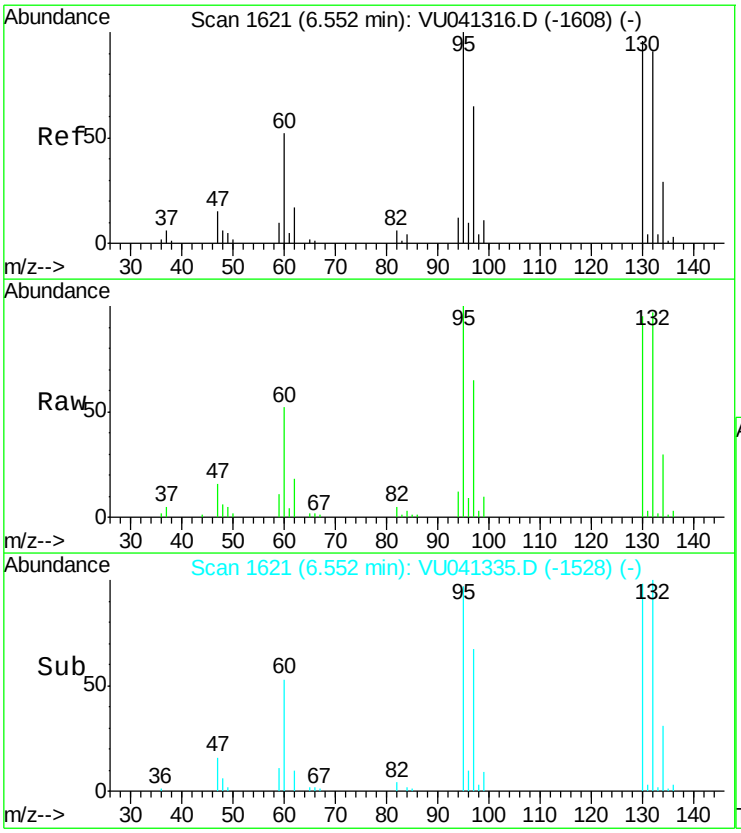


#33
Benzene
Concen: 6.428 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU041335.D
Acq: 19 Nov 2020 00:34

Instrument :
MSVOA_U
ClientSampleId :
H4419

Tgt Ion: 78 Resp: 116829

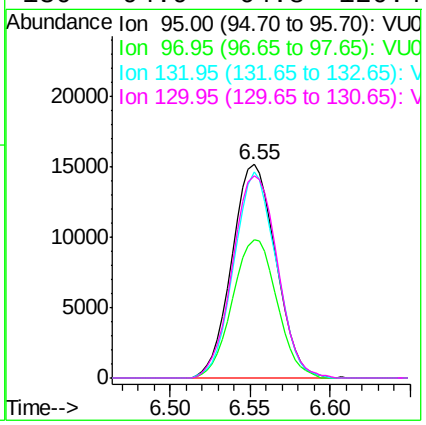


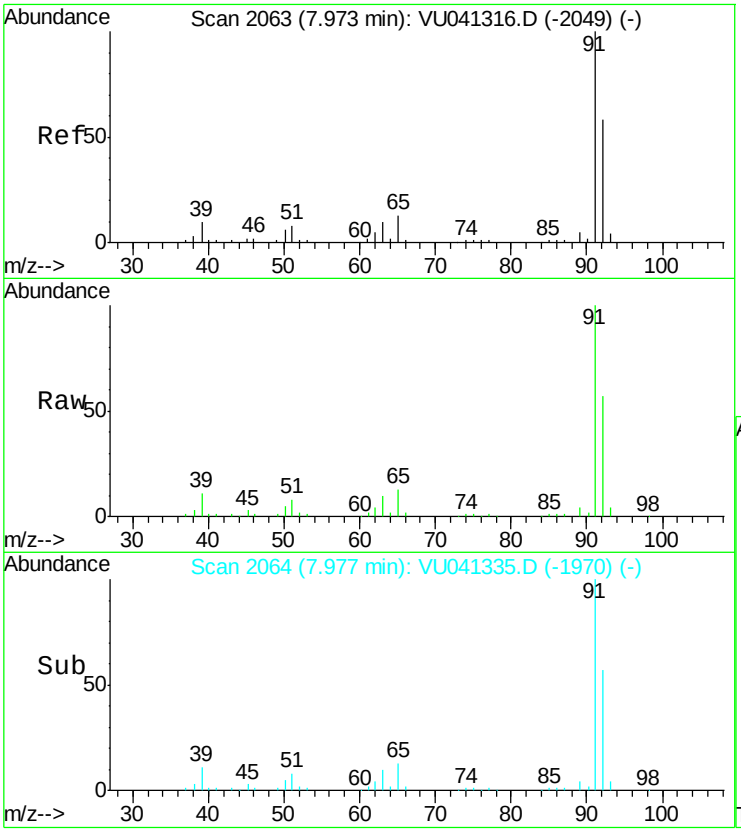


#34
Trichloroethene
Concen: 5.810 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041335.D
Acq: 19 Nov 2020 00:34

Tgt Ion: 95 Resp: 28538

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.6	84.6
132	96.5	64.8	120.4
130	94.9	64.8	120.4



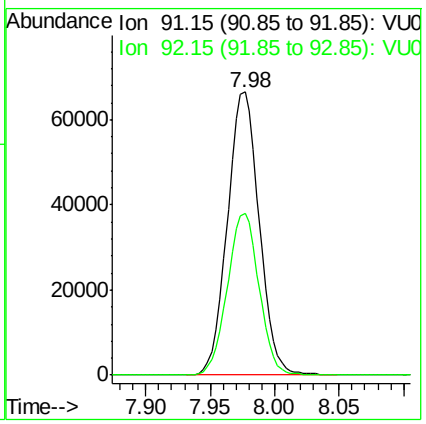


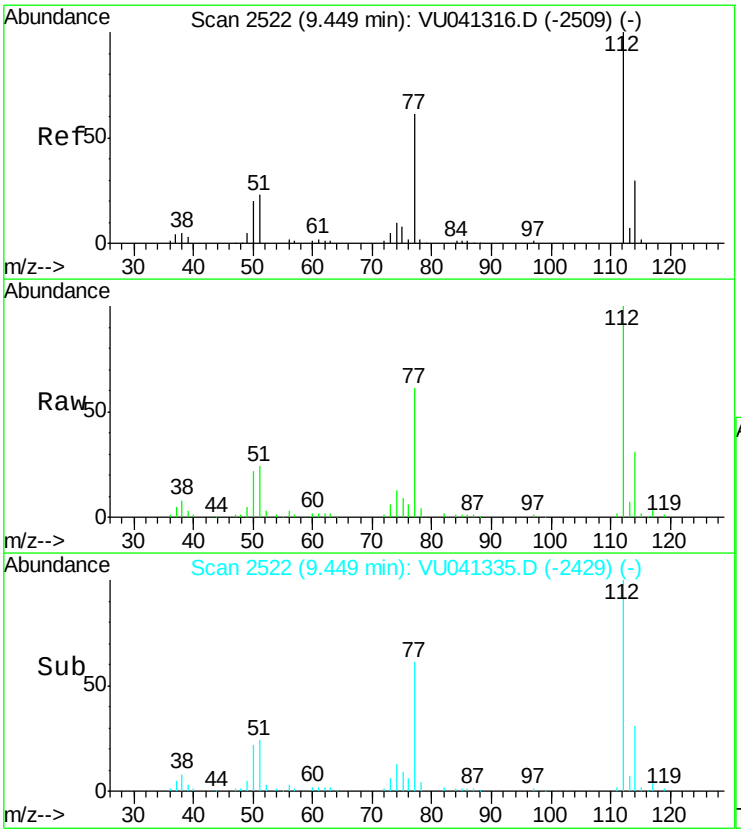
#42
Toluene
Concen: 5.870 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041335.D
Acq: 19 Nov 2020 00:34

Instrument : MSVOA_U
ClientSampleId : H4419

Tgt Ion: 91 Resp: 114006

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.6	75.4





#51
Chlorobenzene
Concen: 5.758 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041335.D
Acq: 19 Nov 2020 00:34

Tgt Ion:112 Resp: 74071

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.4	41.6
77	61.2	51.2	76.8