Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111620\
Data File : VU041263.D
Acq On : 16 Nov 2020 21:31
Operator : SY/MD
Sample : L4740-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB117

Quant Time: Nov 17 10:22:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64963	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21706	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	23692	4.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.20%			
7) Chloroethane-d5	1.93	69	21788	5.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.60%			
11) 1,1-Dichloroethene-d2	2.58	63	32683	3.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.20%			
20) 2-Butanone-d5	4.66	46	115443	58.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.18%			
24) Chloroform-d	5.08	84	52839	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.72	65	33024	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.74	84	83621	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
36) 1,2-Dichloropropane-d6	6.70	67	32097	5.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.00%			
41) Toluene-d8	7.90	98	65466	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	8.18	79	10619	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.64	63	74535	57.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.16%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29409	5.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	24095	5.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	185137	32.828	ug/L	99
13) Acetone	2.66	43	41985	32.122	ug/L #	61
18) trans-1,2-Dichloroethene	3.37	96	3036	0.737	ug/L	96
19) 1,1-Dichloroethane	3.89	63	5371	0.583	ug/L	96
21) 2-Butanone	4.74	43	4132	2.082	ug/L #	69
22) cis-1,2-Dichloroethene	4.69	96	366308	78.752	ug/L	98
33) Benzene	5.79	78	6197	0.377	ug/L	100
34) Trichloroethene	6.55	95	84521	19.040	ug/L	98
42) Toluene	7.98	91	6375	0.363	ug/L	96
52) Ethylbenzene	9.57	91	1282	0.068	ug/L	96
53) m,p-Xylene	9.69	106	1018	0.150	ug/L	72

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

Quantitation Report (QT Reviewed)

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Acq On : 16 Nov 2020 21:31
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Instrument :
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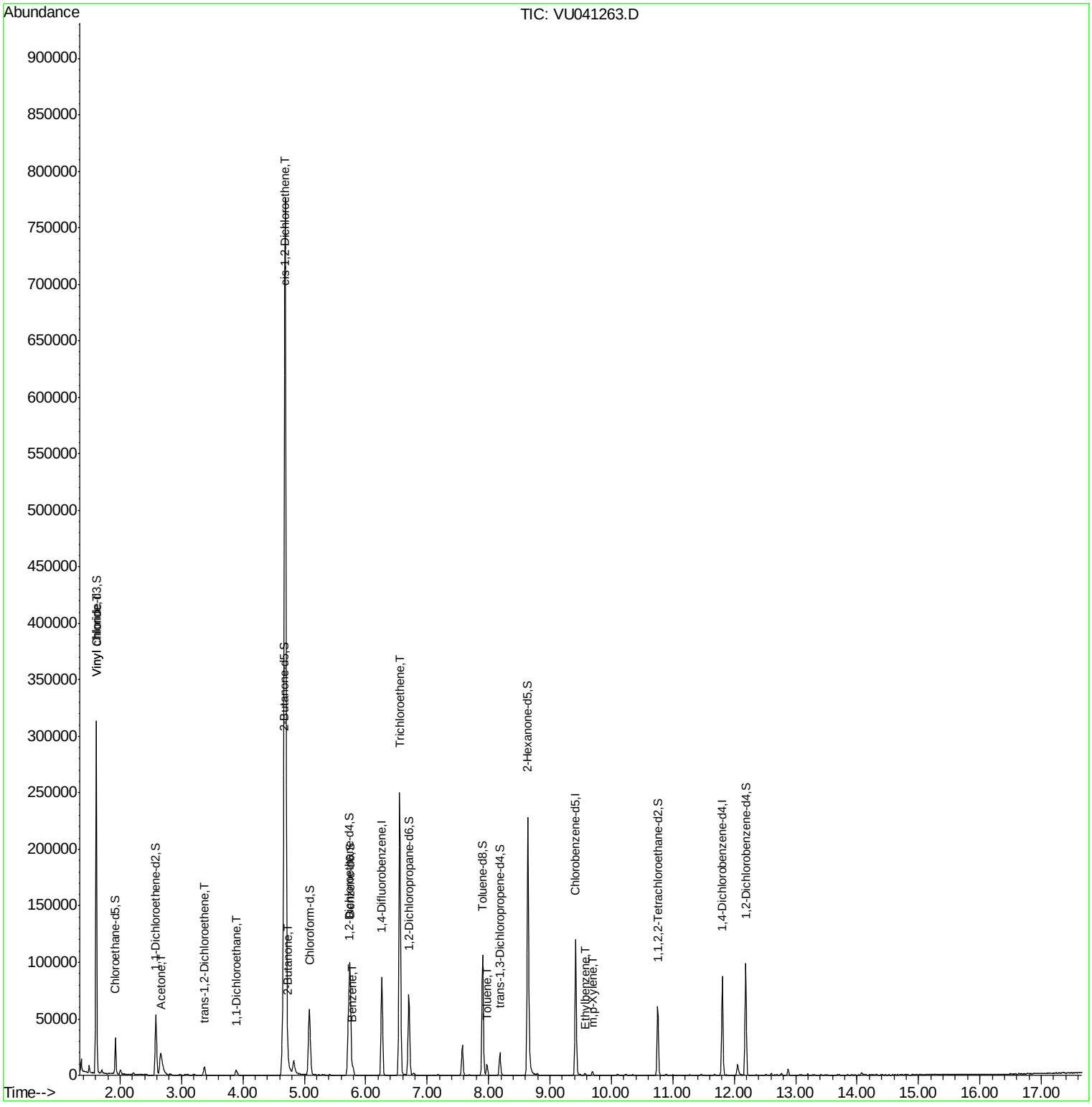
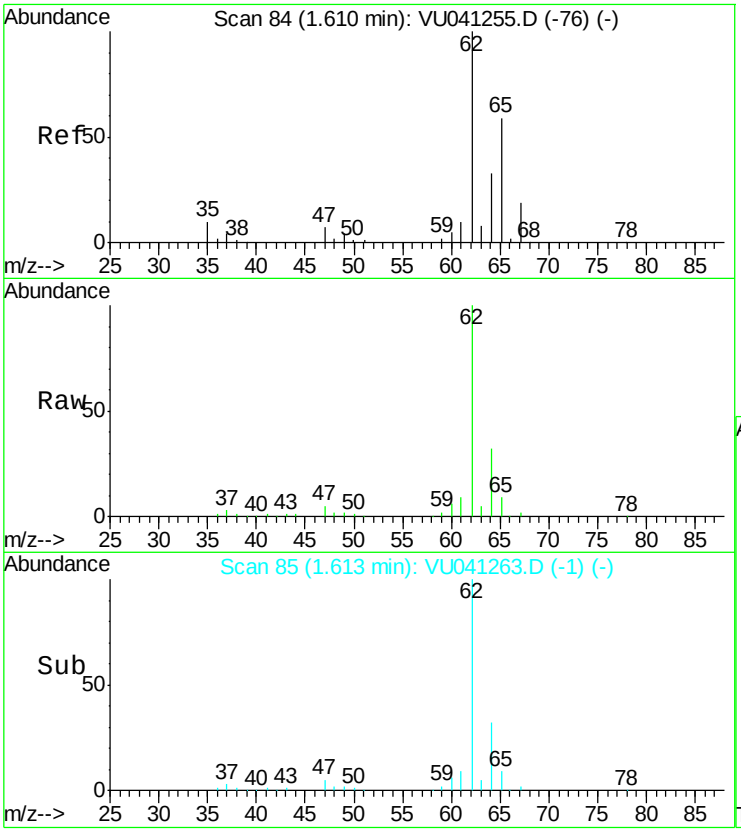
ClientSampleId :
GB117

Quant Time: Nov 17 10:22:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration



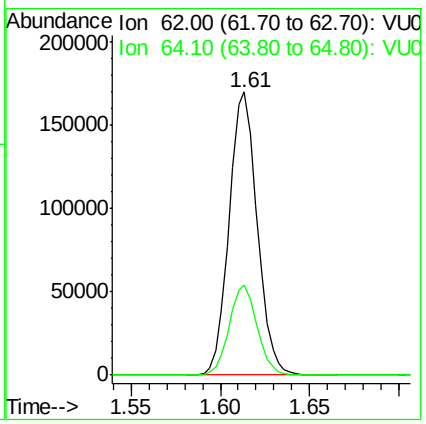


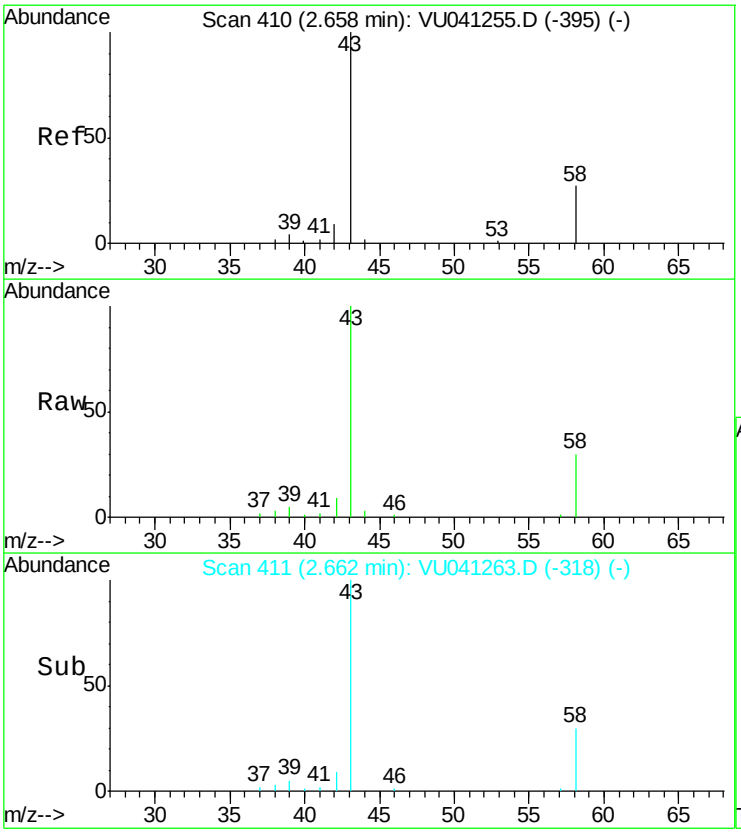
#5
Vinyl chloride
Concen: 32.828 ug/L
RT: 1.61 min Scan# 85
Delta R.T. 0.00 min
Lab File: VU041263.D
Acq: 16 Nov 2020 21:31

Instrument :
MSVOA_U
ClientSampleId :
GB117

Tgt Ion: 62 Resp: 185137

Ion	Ratio	Lower	Upper
62	100		
64	31.8	22.7	42.3

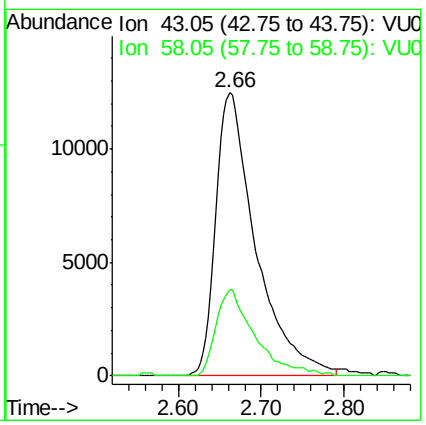


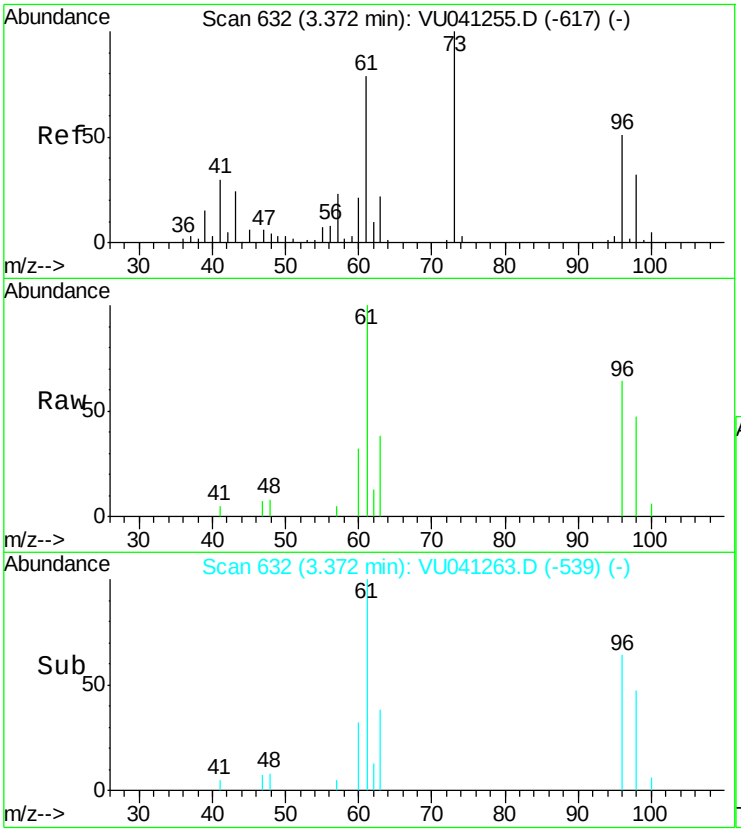


#13
Acetone
Concen: 32.122 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.00 min
Lab File: VU041263.D
Acq: 16 Nov 2020 21:31

Tgt Ion: 43 Resp: 41985

Ion	Ratio	Lower	Upper
43	100		
58	28.2	0.0	25.4#



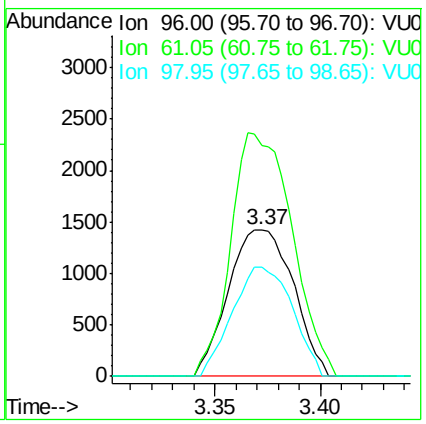


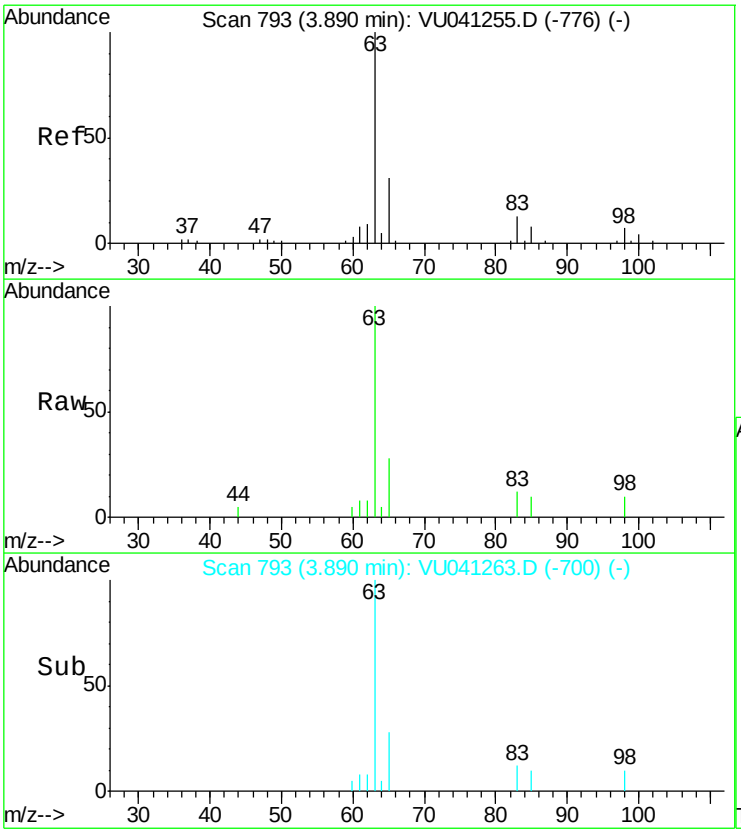
#18
trans-1,2-Dichloroethene
Concen: 0.737 ug/L
RT: 3.37 min Scan# 632
Delta R.T. -0.00 min
Lab File: VU041263.D
Acq: 16 Nov 2020 21:31

Instrument :
MSVOA_U
ClientSampleId :
GB117

Tgt Ion: 96 Resp: 3036

Ion	Ratio	Lower	Upper
96	100		
61	157.4	110.9	205.9
98	74.2	45.4	84.2

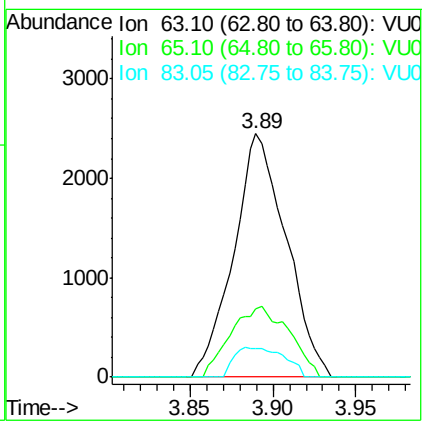


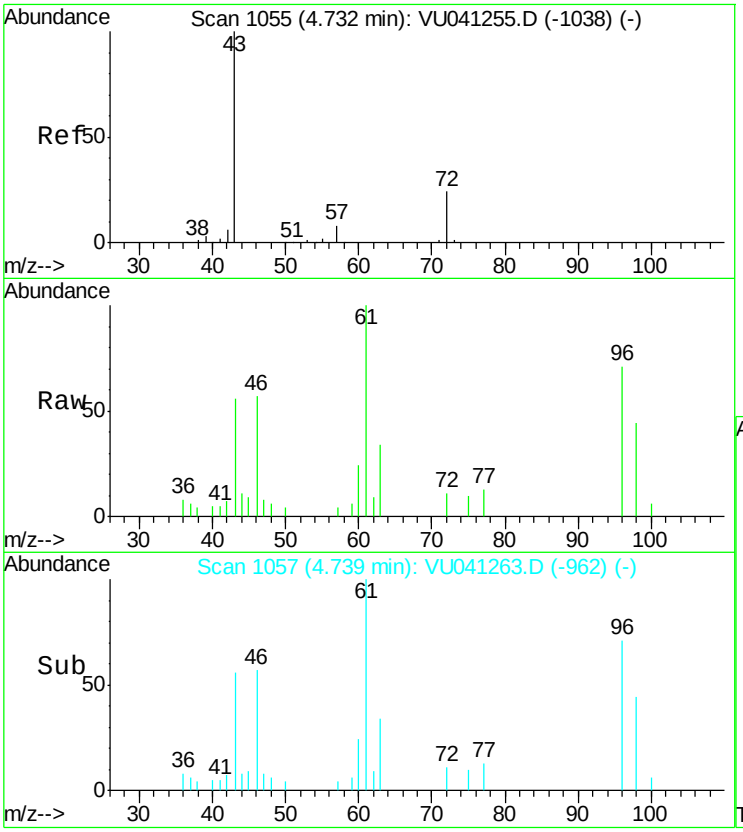


#19
1,1-Dichloroethane
Concen: 0.583 ug/L
RT: 3.89 min Scan# 793
Delta R.T. -0.00 min
Lab File: VU041263.D
Acq: 16 Nov 2020 21:31

Tgt Ion: 63 Resp: 5371

Ion	Ratio	Lower	Upper
63	100		
65	28.0	21.3	39.6
83	11.8	8.8	16.3



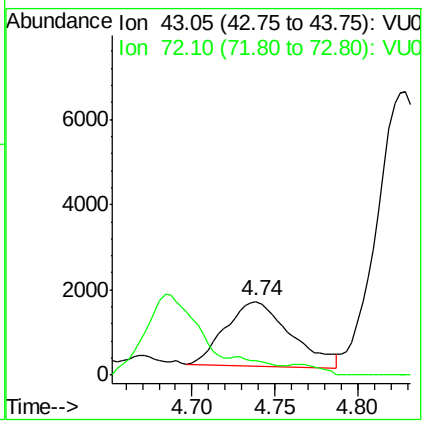


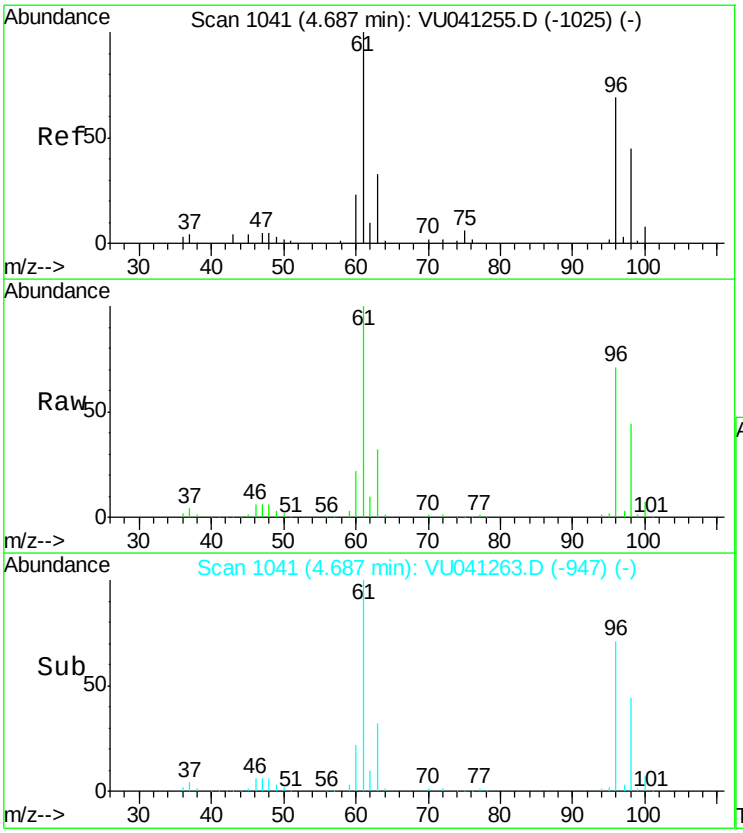
#21
2-Butanone
Concen: 2.082 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VU041263.D
Acq: 16 Nov 2020 21:31

Instrument :
MSVOA_U
ClientSampleId :
GB117

Tgt Ion: 43 Resp: 4132

Ion	Ratio	Lower	Upper
43	100		
72	8.2	11.8	35.4#

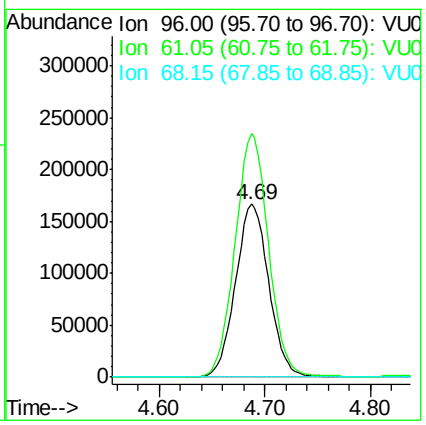


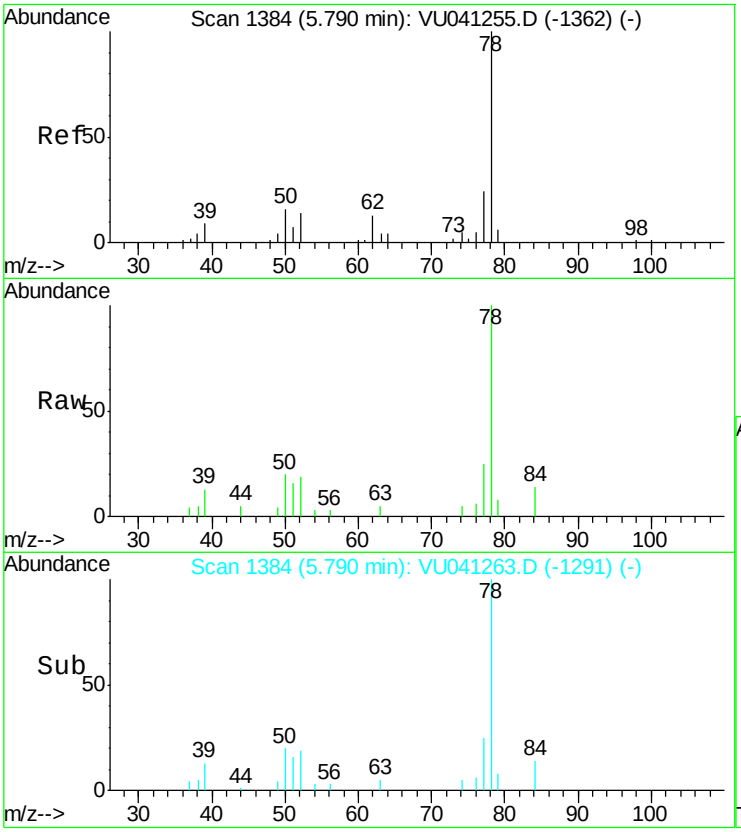


#22
cis-1,2-Dichloroethene
Concen: 78.752 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041263.D
Acq: 16 Nov 2020 21:31

Tgt Ion: 96 Resp: 366308

Ion	Ratio	Lower	Upper
96	100		
61	140.8	97.2	180.4
68	0.0	0.0	0.0

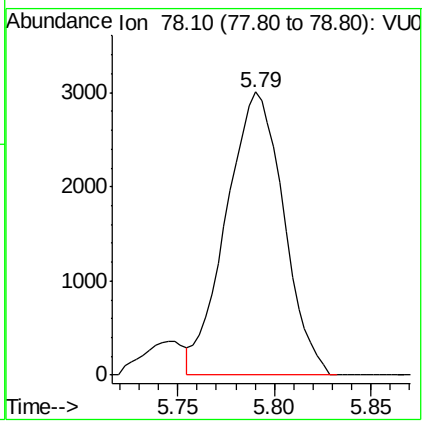


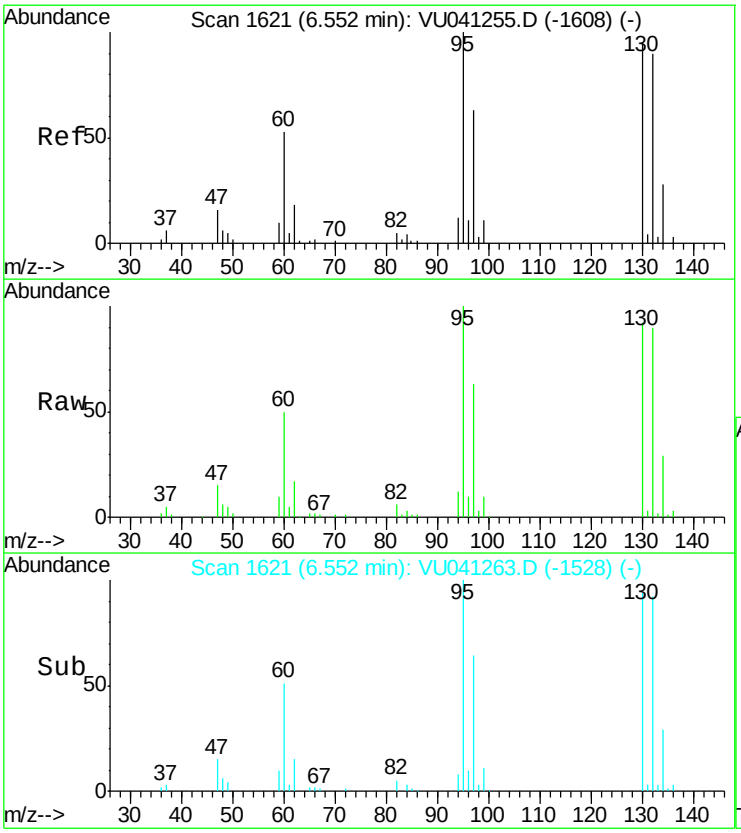


#33
Benzene
Concen: 0.377 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU041263.D
Acq: 16 Nov 2020 21:31

Instrument :
MSVOA_U
ClientSampleId :
GB117

Tgt Ion: 78 Resp: 6197

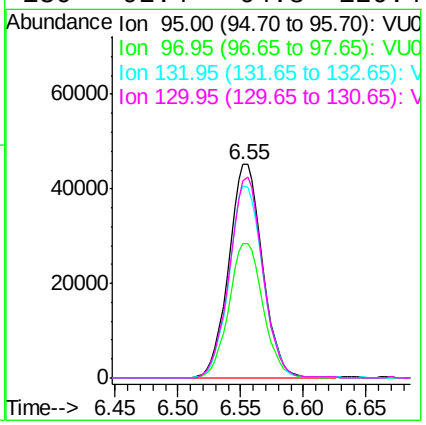


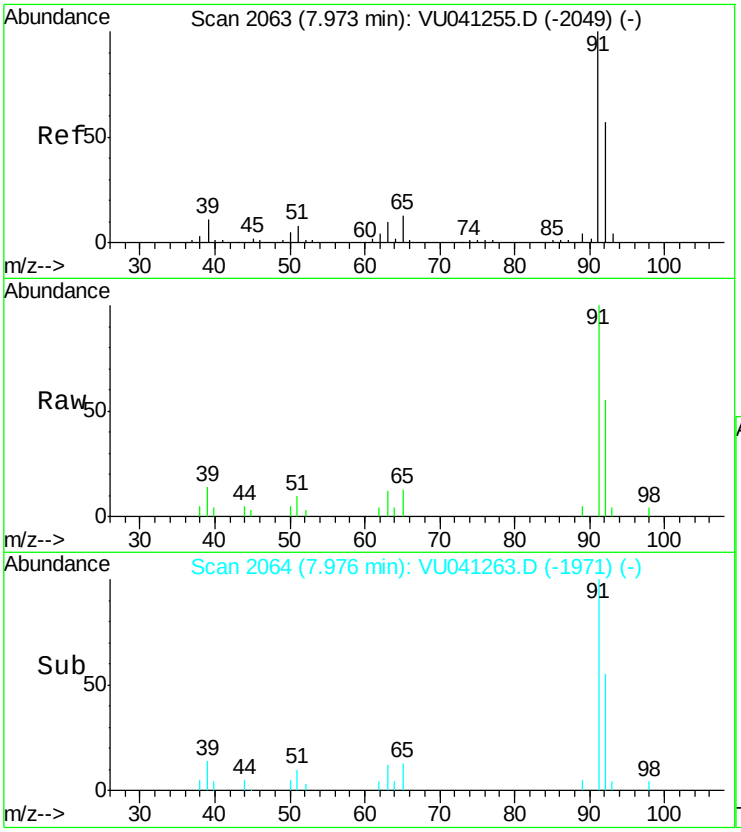


#34
Trichloroethene
Concen: 19.040 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041263.D
Acq: 16 Nov 2020 21:31

Tgt Ion: 95 Resp: 84521

Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.6	84.6
132	89.9	64.8	120.4
130	92.4	64.8	120.4



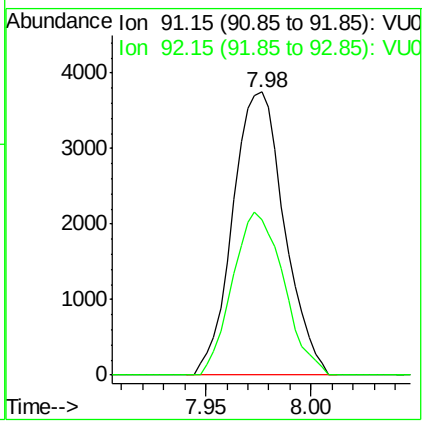


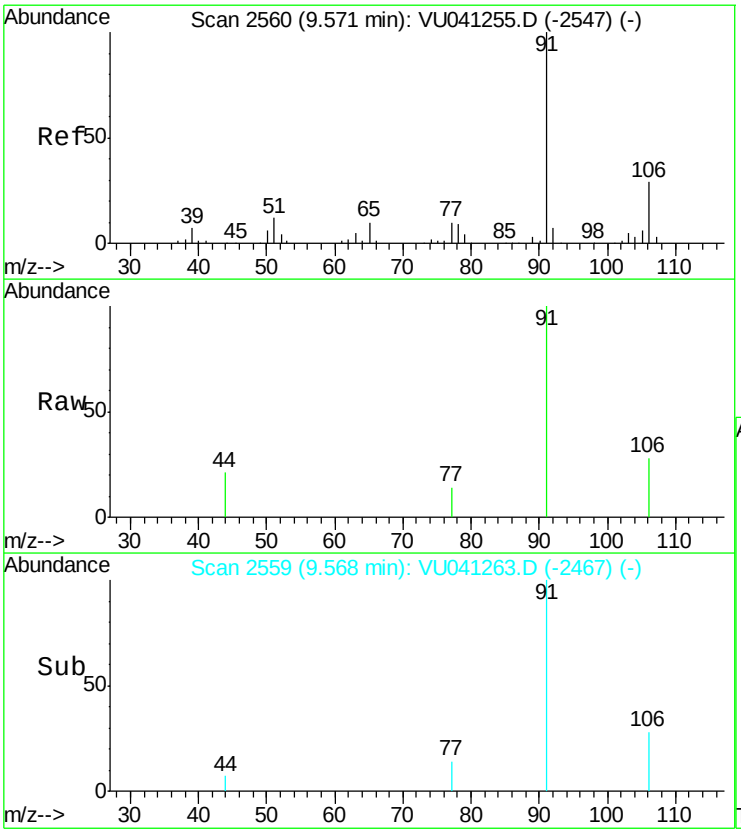
#42
Toluene
Concen: 0.363 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU041263.D
Acq: 16 Nov 2020 21:31

Instrument : MSVOA_U
ClientSampleId : GB117

Tgt Ion: 91 Resp: 6375

Ion	Ratio	Lower	Upper
91	100		
92	55.0	40.6	75.4

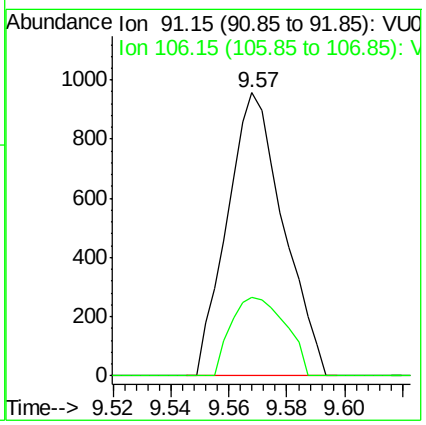


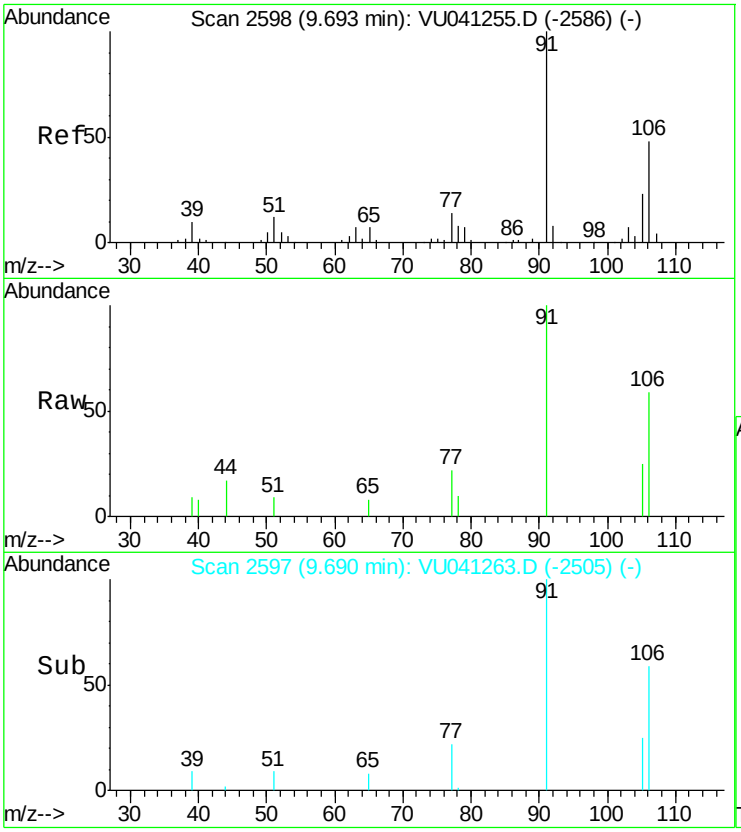


#52
Ethylbenzene
Concen: 0.068 ug/L
RT: 9.57 min Scan# 2559
Delta R.T. -0.00 min
Lab File: VU041263.D
Acq: 16 Nov 2020 21:31

Tgt Ion: 91 Resp: 1282

Ion	Ratio	Lower	Upper
91	100		
106	27.8	21.0	39.0





#53
m,p-Xylene
Concen: 0.150 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU041263.D
Acq: 16 Nov 2020 21:31

Tgt Ion:106 Resp: 1018

Ion	Ratio	Lower	Upper
106	100		
91	170.9	150.9	280.3

Instrument :
MSVOA_U
ClientSampleId :
GB117