Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041152.D
Acq On : 09 Nov 2020 19:37
Operator : SY/MD
Sample : L4646-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0W3

Quant Time: Nov 10 04:13:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67639	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30578	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	18355	3.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.60%			
7) Chloroethane-d5	1.92	69	17807	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.60%			
11) 1,1-Dichloroethene-d2	2.58	63	31010	2.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.60%#			
20) 2-Butanone-d5	4.66	46	108396	57.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.86%			
24) Chloroform-d	5.08	84	47330	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.72	65	30636	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.74	84	84963	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.70	67	30259	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.91	98	70044	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	8.19	79	11765	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.64	63	75398	55.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.50%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27935	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	31500	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	979	0.154	ug/L #	57
17) Methyl tert-butyl Ether	3.38	73	1911	0.155	ug/L #	70
18) trans-1,2-Dichloroethene	3.37	96	738	0.152	ug/L	90
22) cis-1,2-Dichloroethene	4.69	96	43129	8.611	ug/L	100
27) 1,2-Dichloroethane	5.81	62	8614	1.188	ug/L	97
33) Benzene	5.79	78	14694	0.732	ug/L	100
34) Trichloroethene	6.55	95	34099	6.677	ug/L	98
53) m,p-Xylene	9.69	106	2455	0.314	ug/L	89

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

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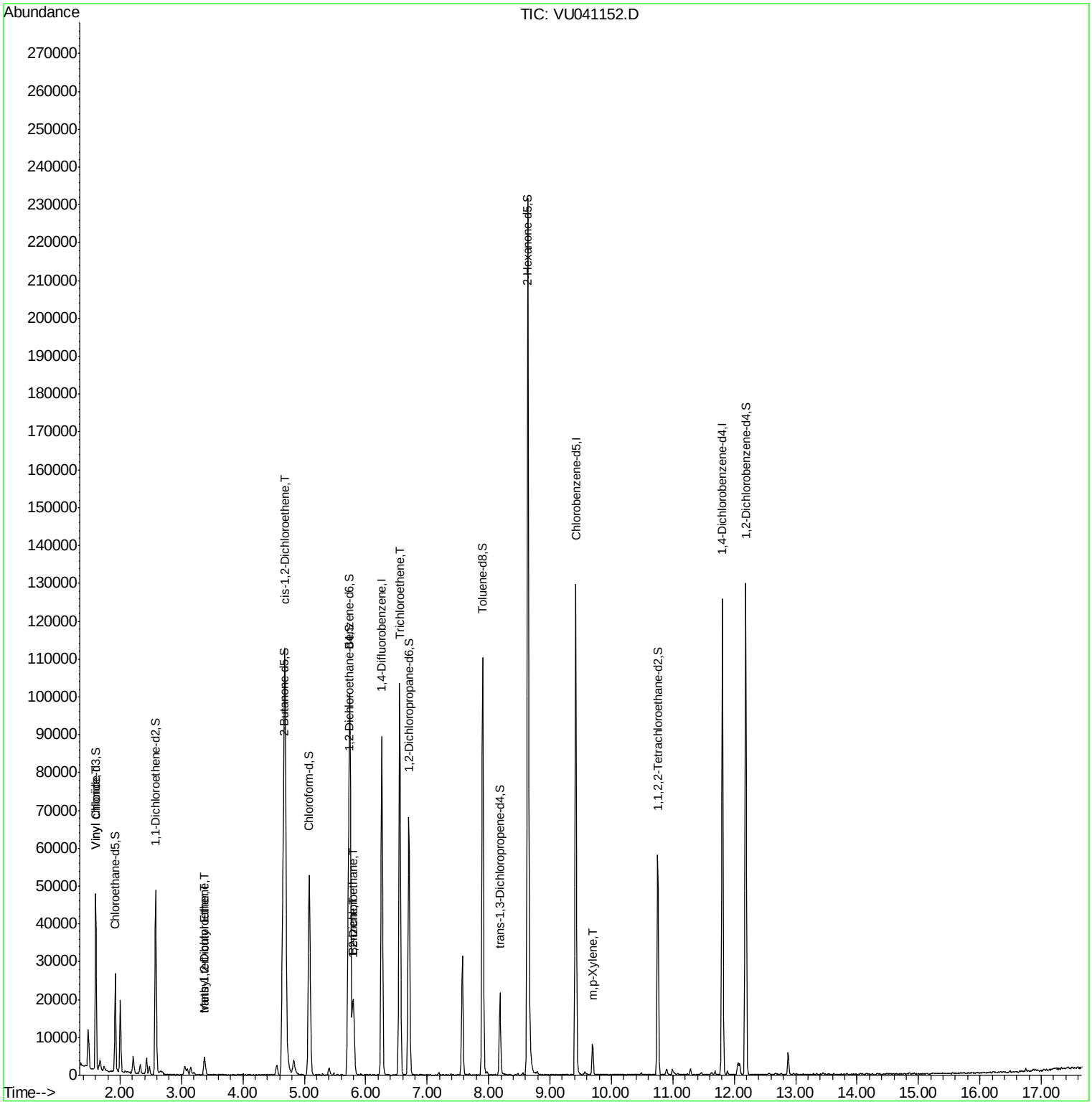
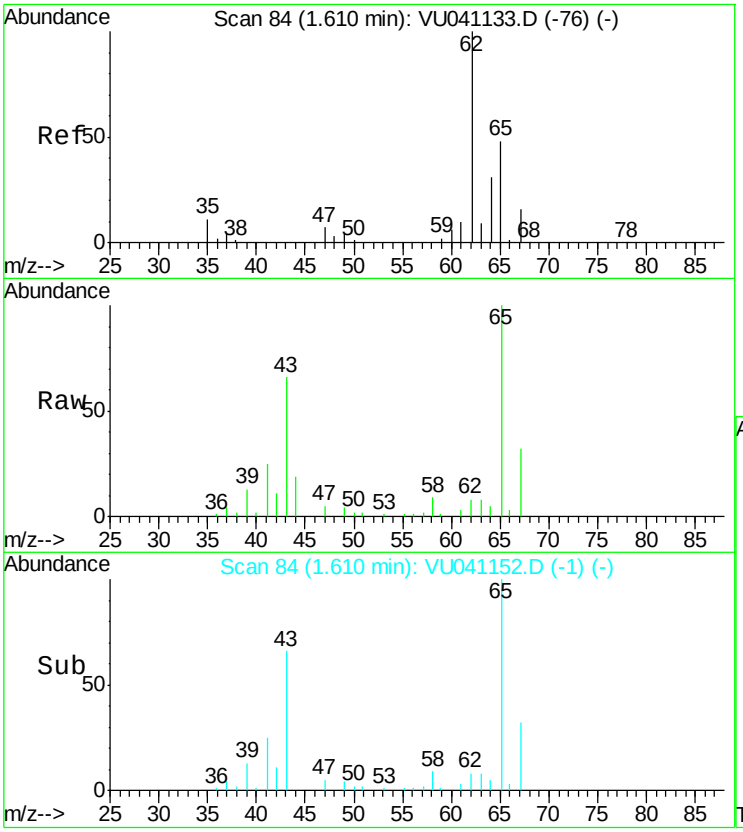


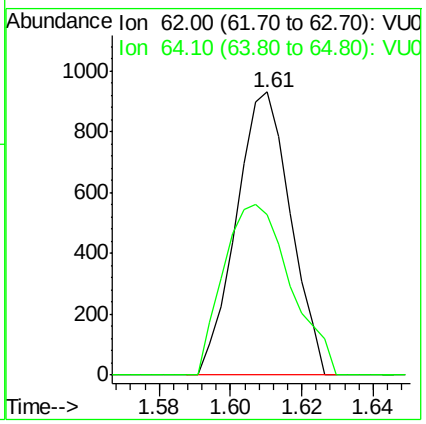


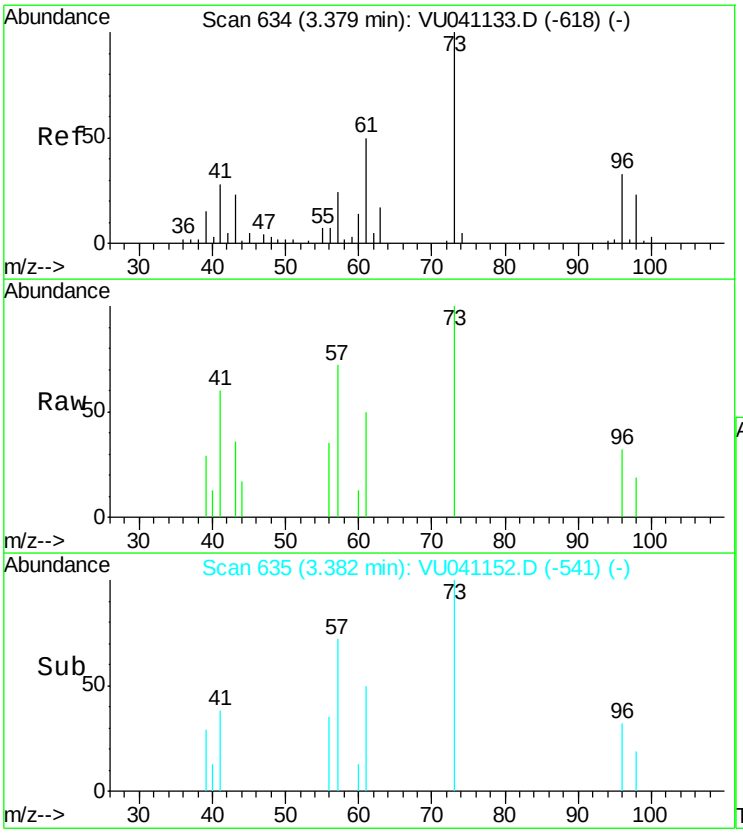
#5
Vinyl chloride
Concen: 0.154 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Tgt Ion: 62 Resp: 979

Ion	Ratio	Lower	Upper
62	100		
64	56.9	22.7	42.3#

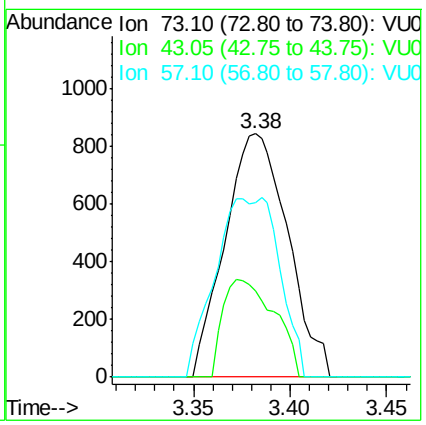


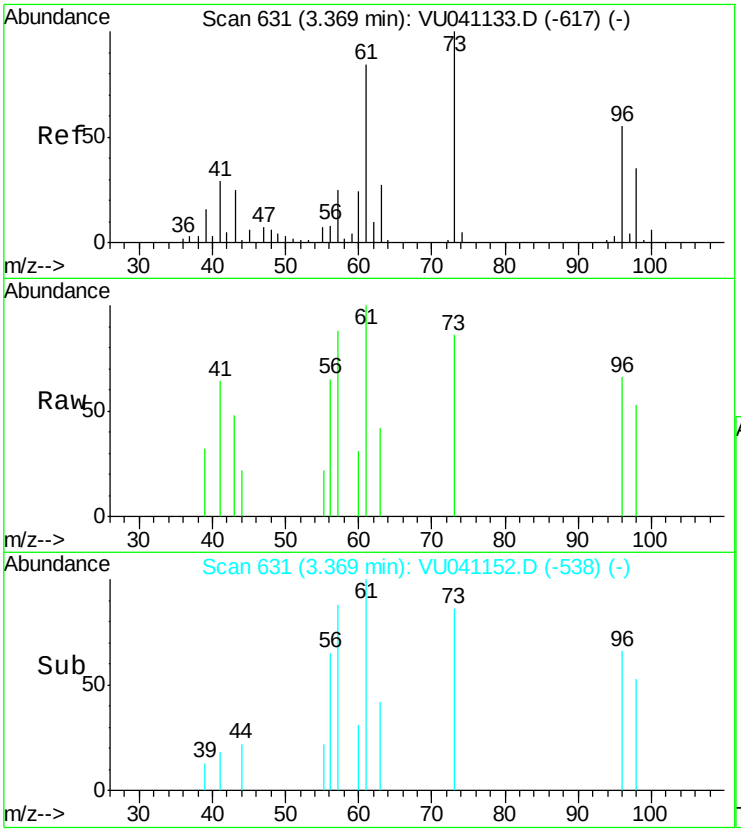


#17
Methyl tert-butyl Ether
Concen: 0.155 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion: 73 Resp: 1911

Ion	Ratio	Lower	Upper
73	100		
43	32.8	18.5	27.7#
57	42.0	18.4	27.6#



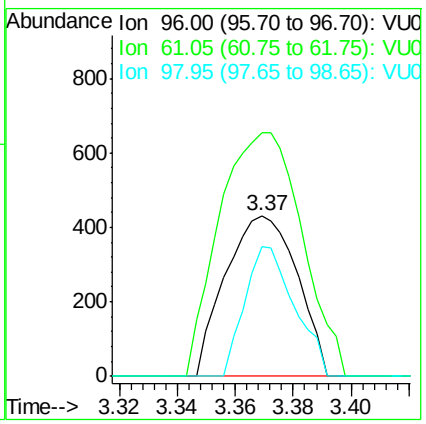


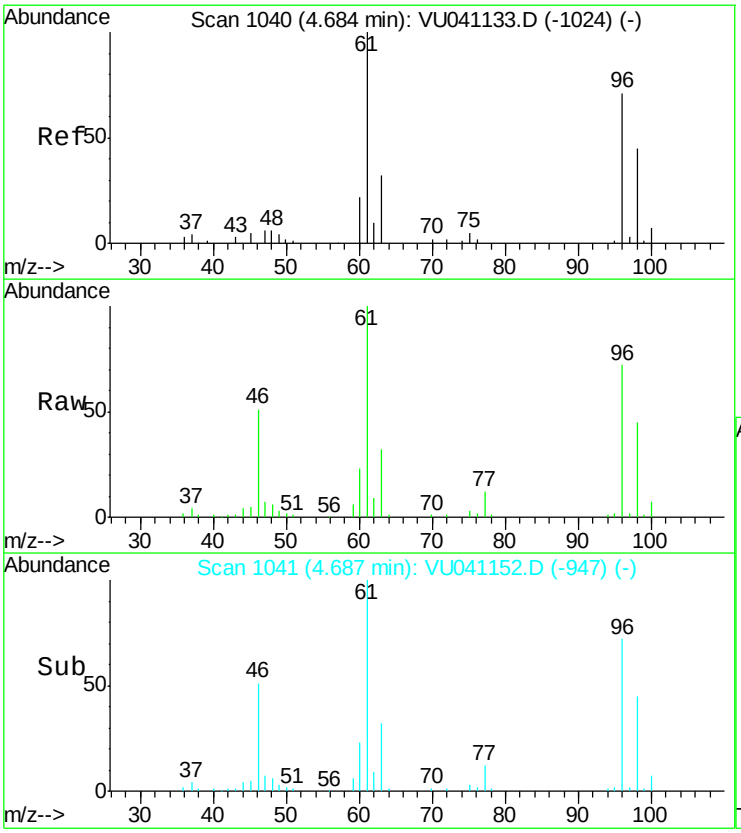
#18
trans-1,2-Dichloroethene
Concen: 0.152 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Tgt Ion: 96 Resp: 738

Ion	Ratio	Lower	Upper
96	100		
61	151.4	110.9	205.9
98	80.8	45.4	84.2

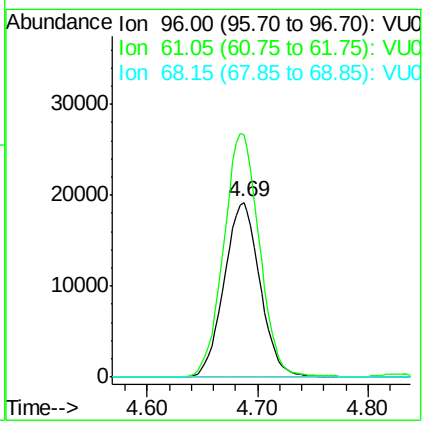


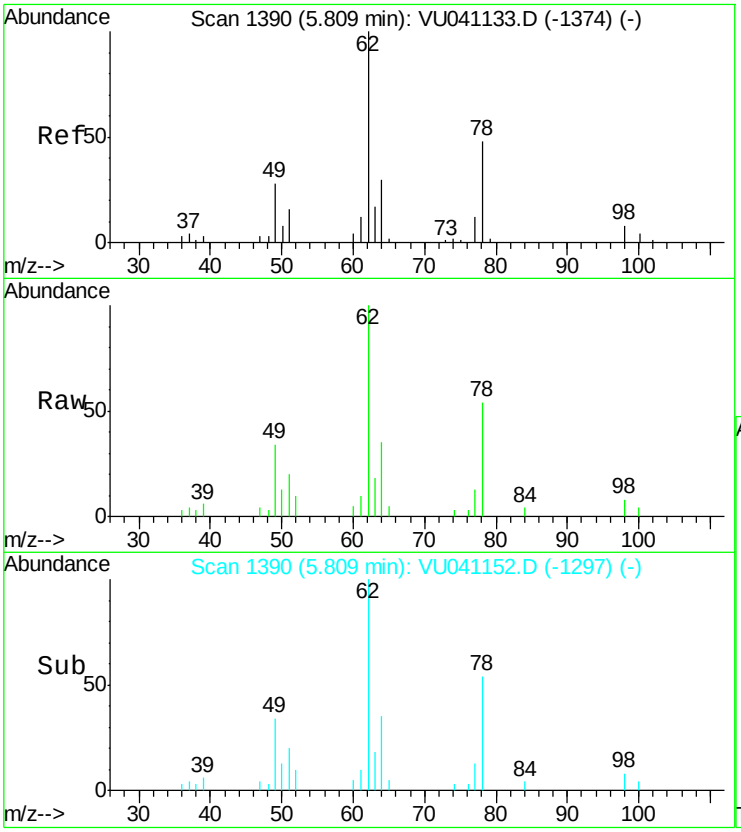


#22
cis-1,2-Dichloroethene
Concen: 8.611 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion: 96 Resp: 43129

Ion	Ratio	Lower	Upper
96	100		
61	138.3	97.2	180.4
68	0.0	0.0	0.0



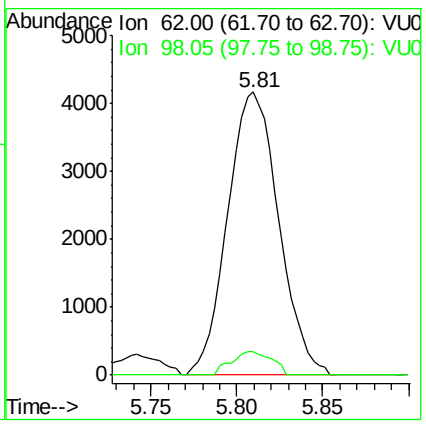


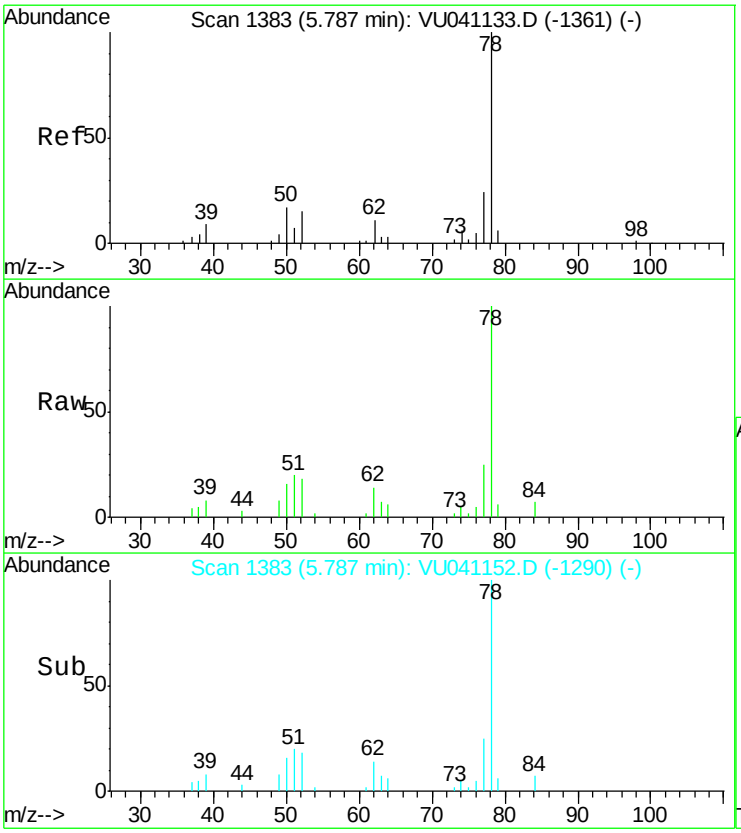
#27
1,2-Dichloroethane
Concen: 1.188 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Tgt Ion: 62 Resp: 8614

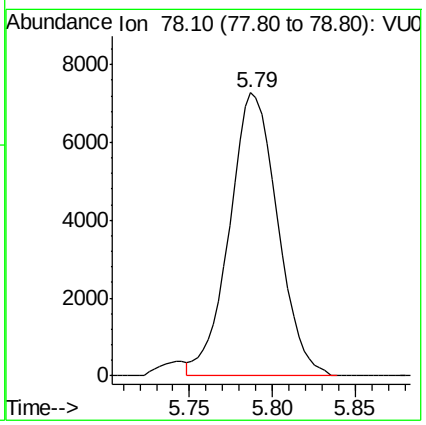
Ion	Ratio	Lower	Upper
62	100		
98	8.4	7.6	11.4

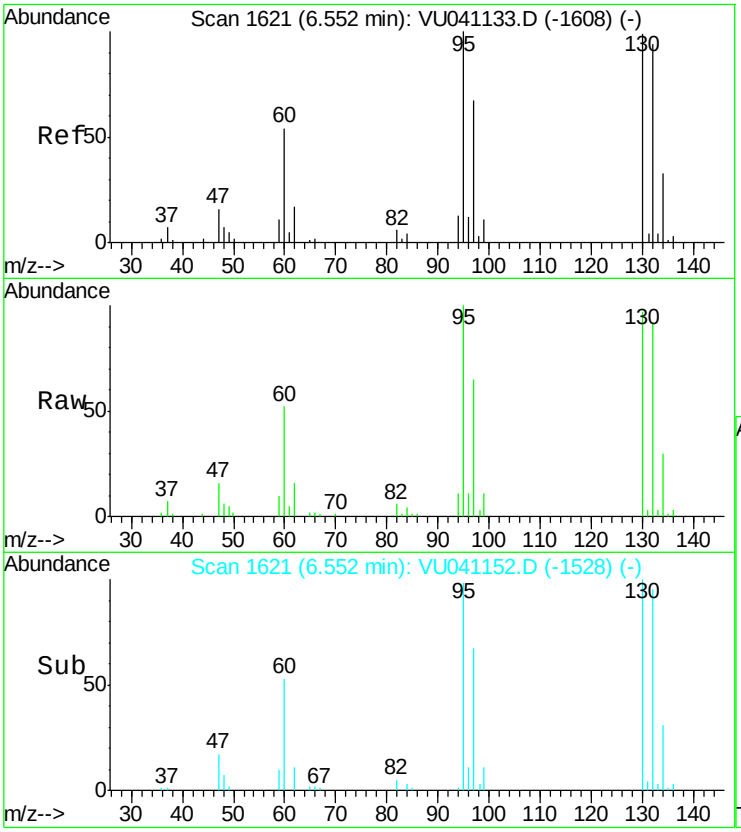




#33
Benzene
Concen: 0.732 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion: 78 Resp: 14694



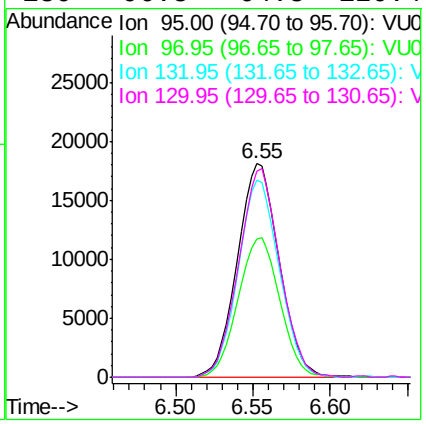


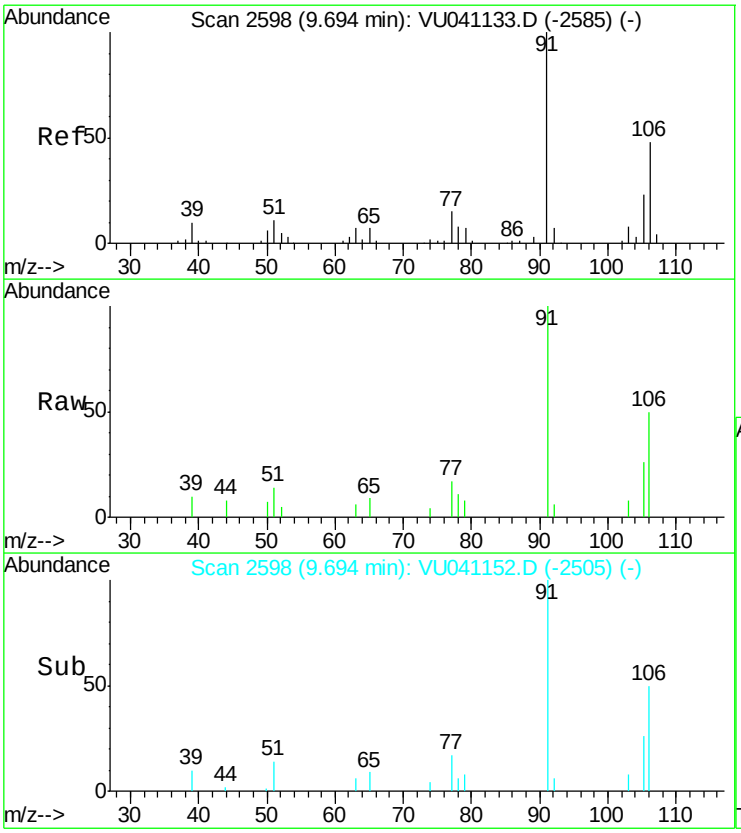
#34
Trichloroethene
Concen: 6.677 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument : MSVOA_U
ClientSampleId : GB0W3

Tgt Ion: 95 Resp: 34099

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.6	84.6
132	92.4	64.8	120.4
130	96.8	64.8	120.4





#53
m,p-Xylene
Concen: 0.314 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion:106 Resp: 2455

Ion	Ratio	Lower	Upper
106	100		
91	198.1	150.9	280.3