Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101520\
Data File : VU040734.D
Acq On : 15 Oct 2020 20:33
Operator : SY/MD
Sample : L4354-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ17

Quant Time: Oct 16 06:09:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 04:23:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110356	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116114	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47981	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	40102	4.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.60%			
7) Chloroethane-d5	1.92	69	37539	5.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.40%			
11) 1,1-Dichloroethene-d2	2.58	63	63318	3.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.80%			
20) 2-Butanone-d5	4.66	46	167524	57.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.50%			
24) Chloroform-d	5.08	84	88022	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.80%			
26) 1,2-Dichloroethane-d4	5.72	65	54268	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.00%			
32) Benzene-d6	5.75	84	156541	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	6.70	67	54681	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.20%			
41) Toluene-d8	7.91	98	123923	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	8.19	79	20432	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.64	63	117250	51.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50524	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	53145	5.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 119.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	4409	0.472	ug/L	84
13) Acetone	2.66	43	5440	2.398	ug/L	75
17) Methyl tert-butyl Ether	3.38	73	1626	0.073	ug/L #	72
19) 1,1-Dichloroethane	3.88	63	2078	0.122	ug/L #	87
22) cis-1,2-Dichloroethene	4.68	96	3545	0.399	ug/L	85
29) 1,1,1-Trichloroethane	5.33	97	47080	3.017	ug/L	99
53) m,p-Xylene	9.70	106	1447	0.096	ug/L	91

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

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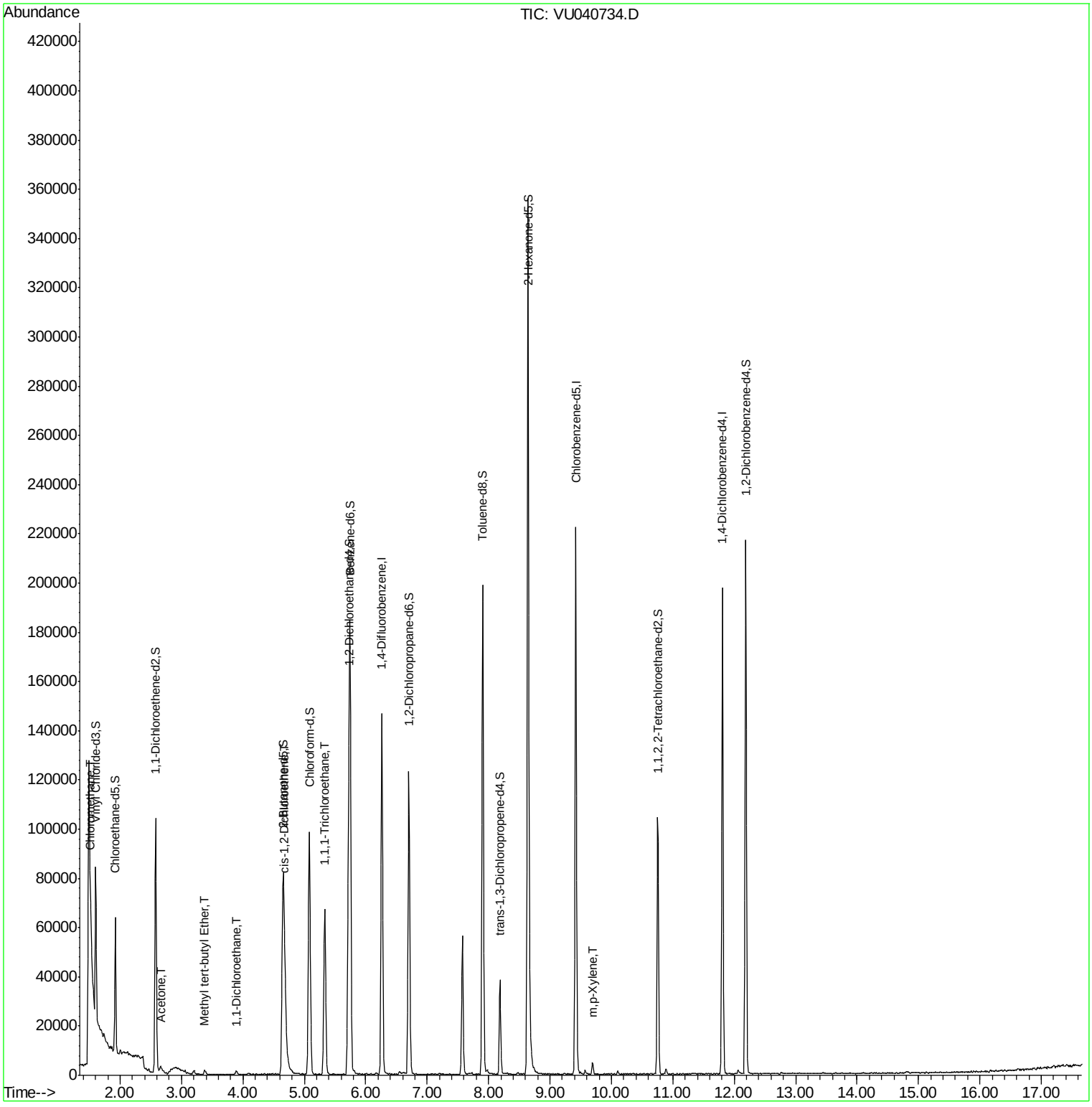
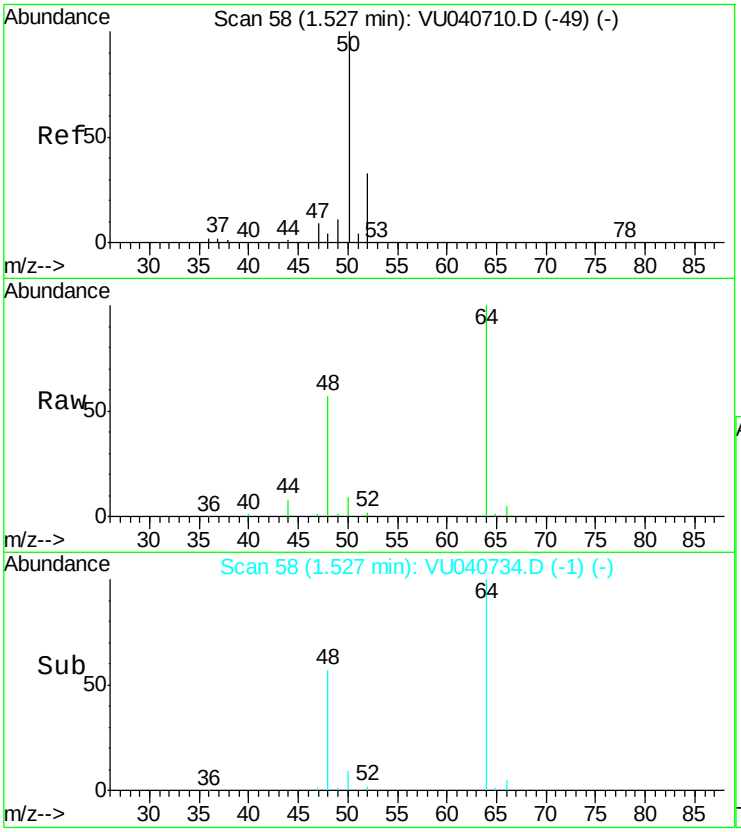


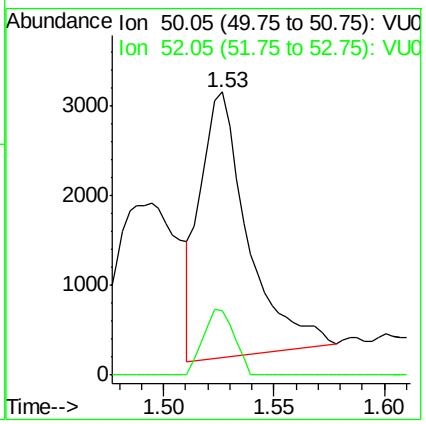


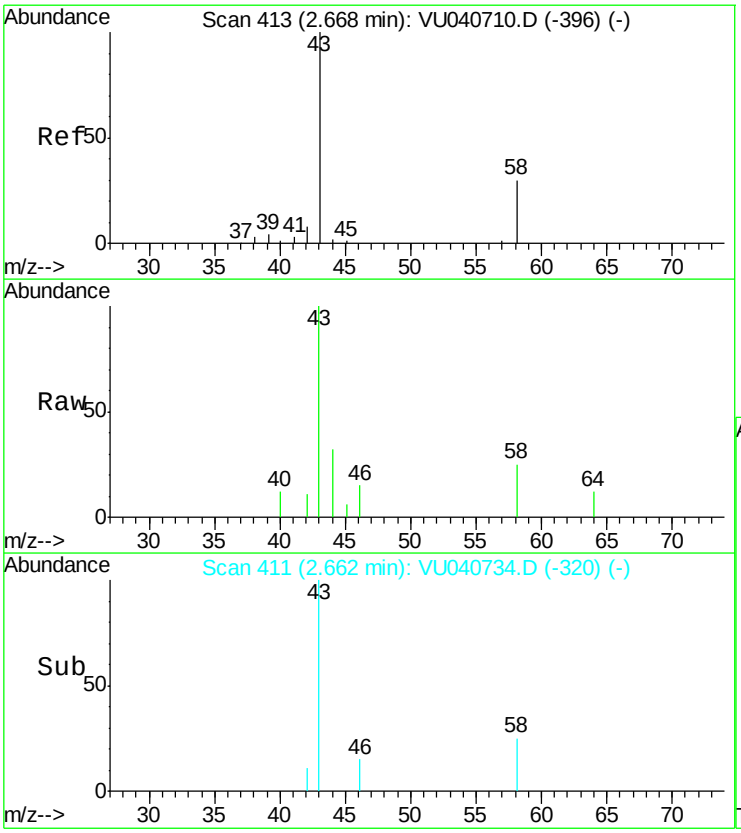
#3
Chloromethane
Concen: 0.472 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040734.D
Acq: 15 Oct 2020 20:33

Instrument :
MSVOA_U
ClientSampleId :
ETZ17

Tgt Ion: 50 Resp: 4409

Ion	Ratio	Lower	Upper
50	100		
52	22.6	21.9	40.7

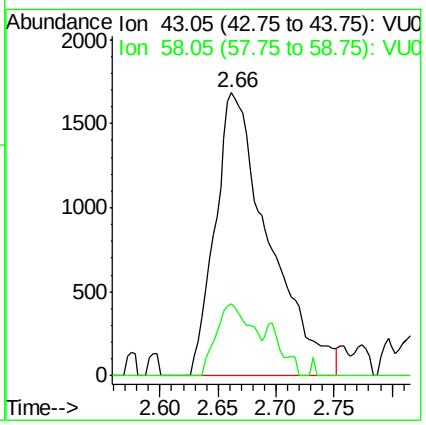


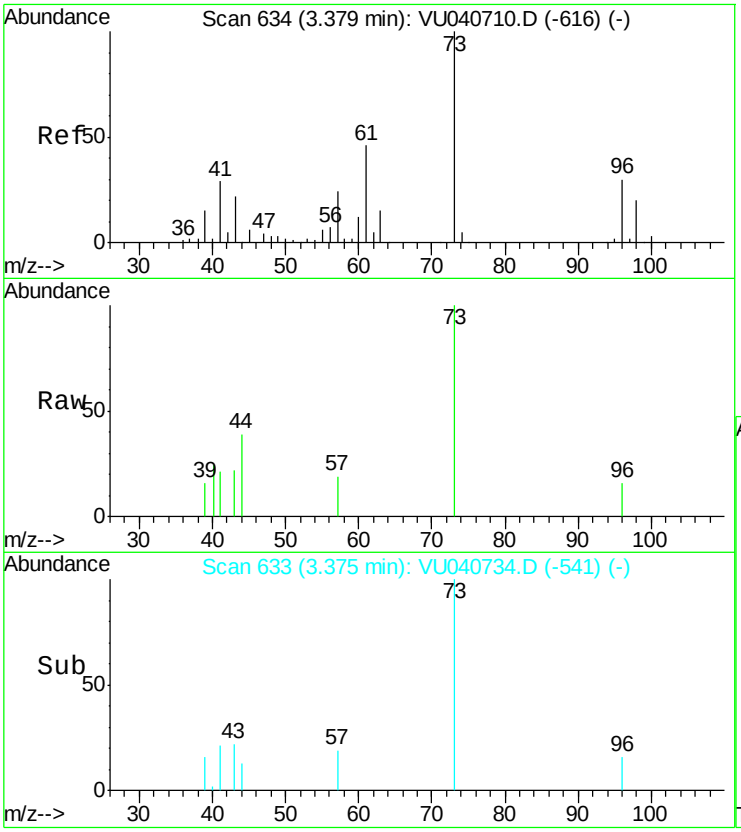


#13
Acetone
Concen: 2.398 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU040734.D
Acq: 15 Oct 2020 20:33

Tgt Ion: 43 Resp: 5440

Ion	Ratio	Lower	Upper
43	100		
58	16.8	0.0	60.6



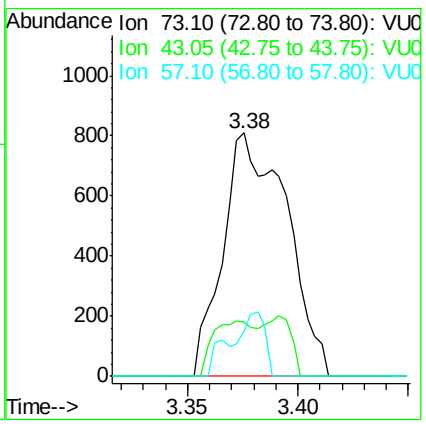


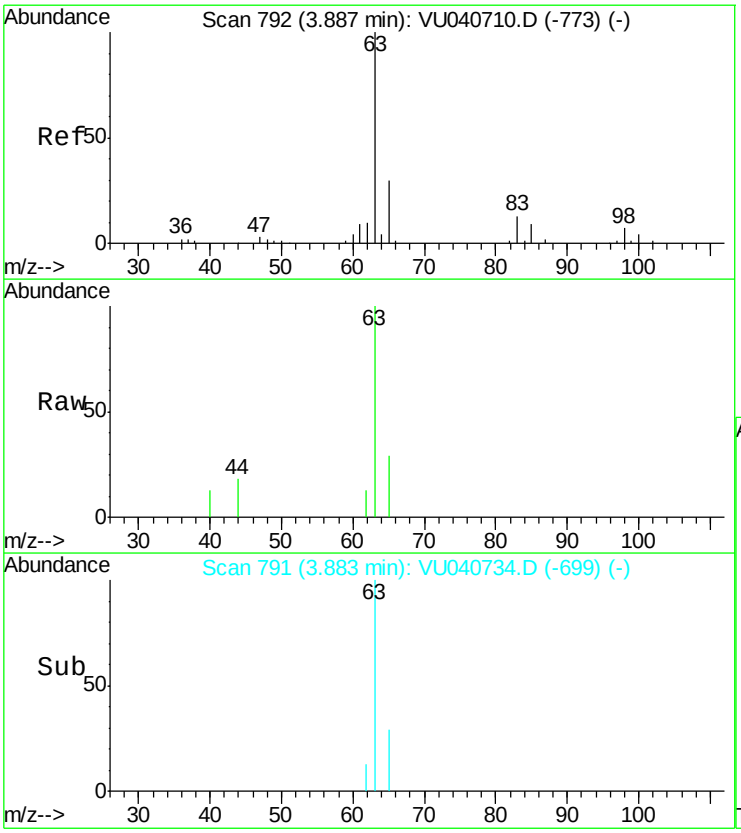
#17
Methyl tert-butyl Ether
Concen: 0.073 ug/L
RT: 3.38 min Scan# 633
Delta R.T. -0.00 min
Lab File: VU040734.D
Acq: 15 Oct 2020 20:33

Instrument : MSVOA_U
ClientSampleId : ETZ17

Tgt Ion: 73 Resp: 1626

Ion	Ratio	Lower	Upper
73	100		
43	15.3	18.2	27.4#
57	4.0	18.6	28.0#

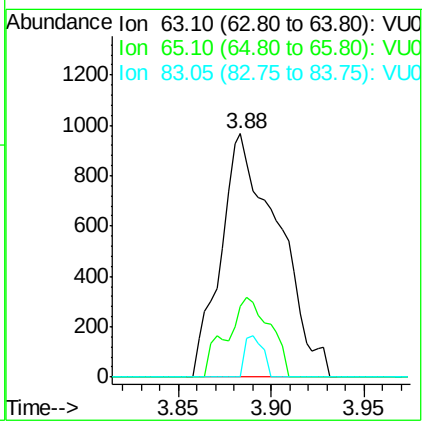


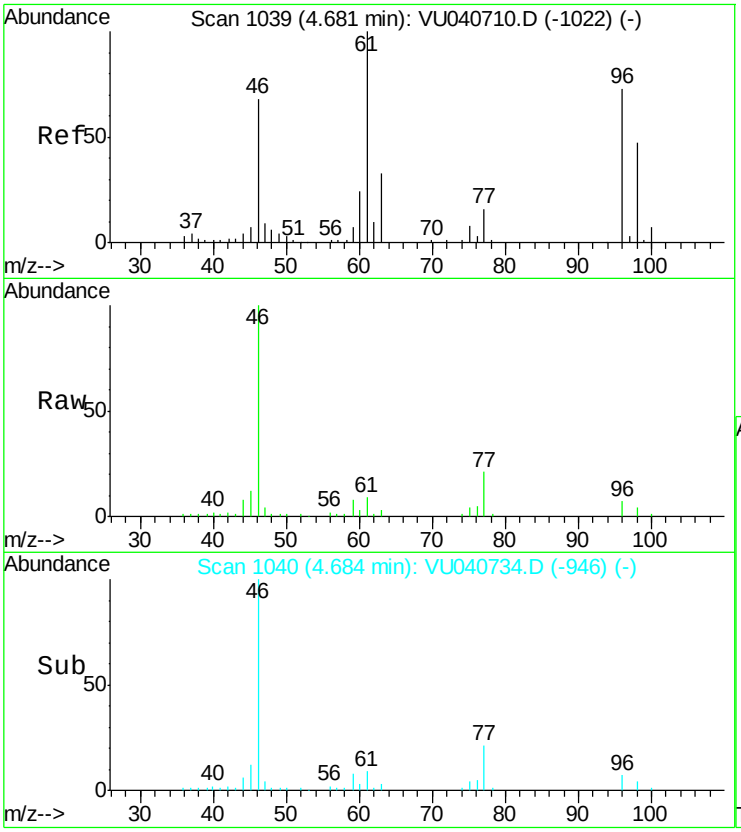


#19
1,1-Dichloroethane
Concen: 0.122 ug/L
RT: 3.88 min Scan# 791
Delta R.T. -0.00 min
Lab File: VU040734.D
Acq: 15 Oct 2020 20:33

Tgt Ion: 63 Resp: 2078

Ion	Ratio	Lower	Upper
63	100		
65	28.9	21.9	40.7
83	0.0	9.6	17.8#



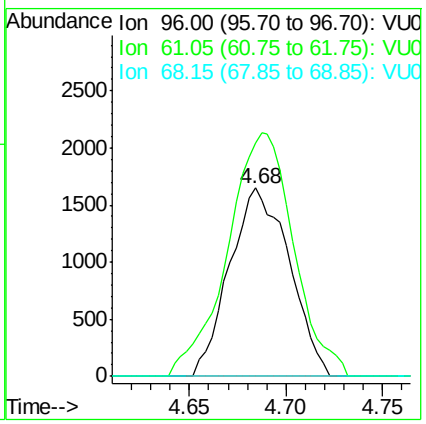


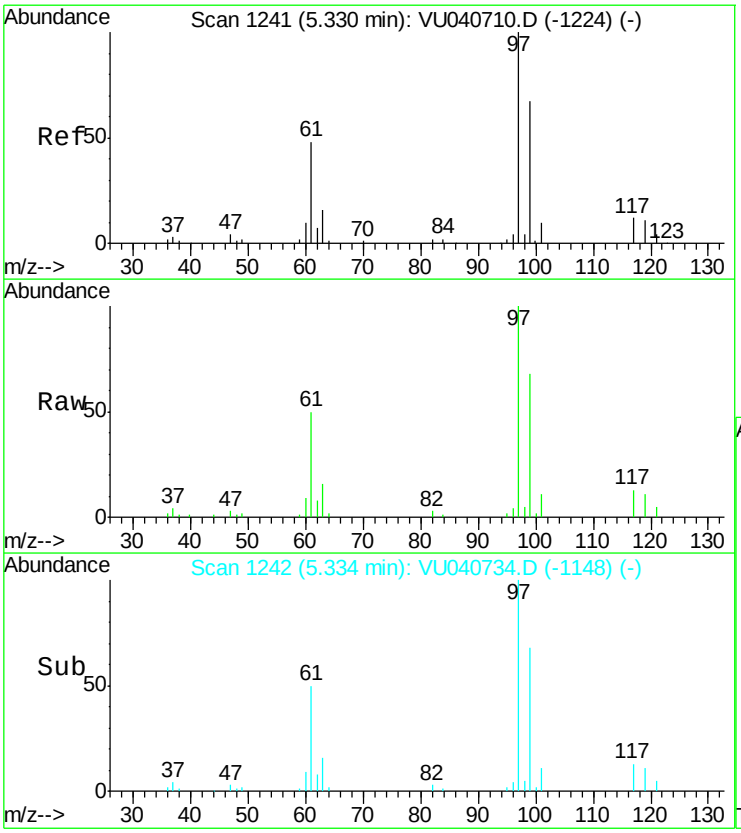
#22
cis-1,2-Dichloroethene
Concen: 0.399 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU040734.D
Acq: 15 Oct 2020 20:33

Instrument :
MSVOA_U
ClientSampleId :
ETZ17

Tgt Ion: 96 Resp: 3545

Ion	Ratio	Lower	Upper
96	100		
61	124.0	99.8	185.4
68	0.0	0.0	0.0

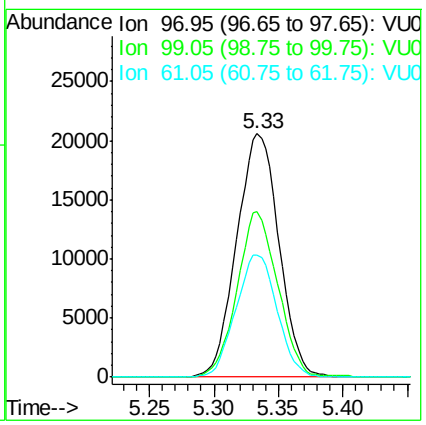


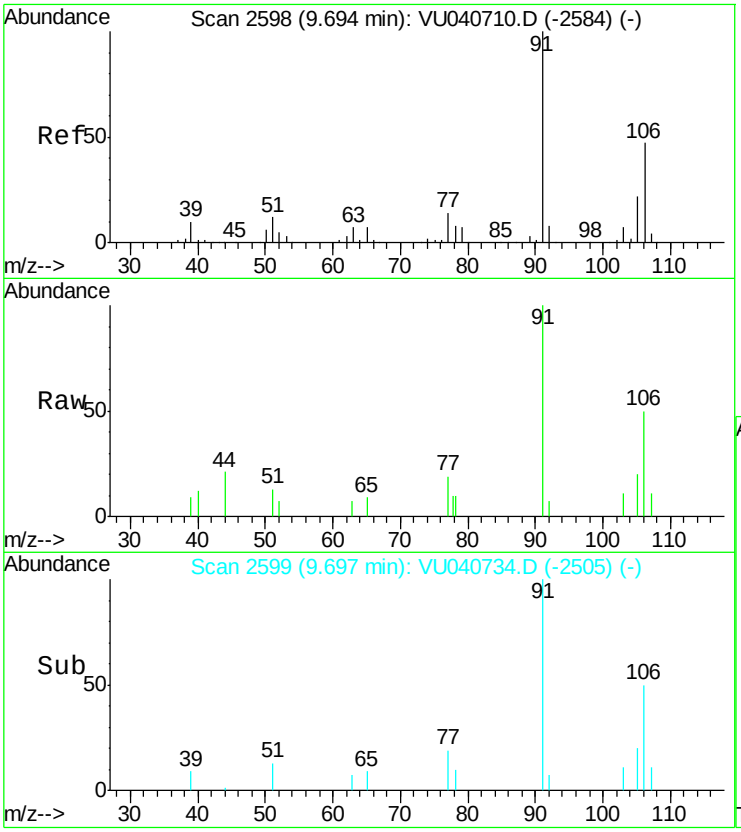


#29
1,1,1-Trichloroethane
Concen: 3.017 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU040734.D
Acq: 15 Oct 2020 20:33

Tgt Ion: 97 Resp: 47080

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.3	76.9
61	48.7	39.4	59.2

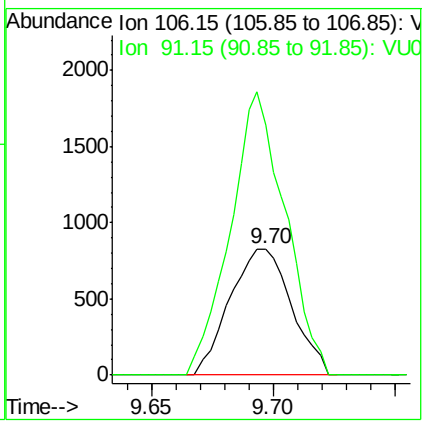




#53
m,p-Xylene
Concen: 0.096 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040734.D
Acq: 15 Oct 2020 20:33

Tgt Ion:106 Resp: 1447

Ion	Ratio	Lower	Upper
106	100		
91	198.3	148.5	275.7



Instrument :
MSVOA_U
ClientSampleId :
ETZ17