Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008691.D
Acq On : 21 Nov 2018 11:07
Operator : SY/MD
Sample : J6026-17
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FM9

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Quant Time: Nov 22 00:47:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 22 00:36:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	164184	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149588	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63942	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	42367	5.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 116.20%			
7) Chloroethane-d5	1.59	69	31916	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.20%			
11) 1,1-Dichloroethene-d2	2.13	63	57379	3.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.60%			
20) 2-Butanone-d5	3.96	46	117440	45.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.00%			
24) Chloroform-d	4.40	84	95248	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.09	65	50121	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.10	84	194423	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.12	67	62102	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.36	98	168649	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
43) trans-1,3-Dichloropropene-	7.67	79	17253	3.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.80%			
46) 2-Hexanone-d5	8.14	63	84698	38.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.92%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39764	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	58904	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	391875	37.740	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	151263	7.467	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	25280	3.059	ug/L	98
19) 1,1-Dichloroethane	3.23	63	16545	0.791	ug/L	99
33) Benzene	5.15	78	14956m	0.315	ug/L	

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

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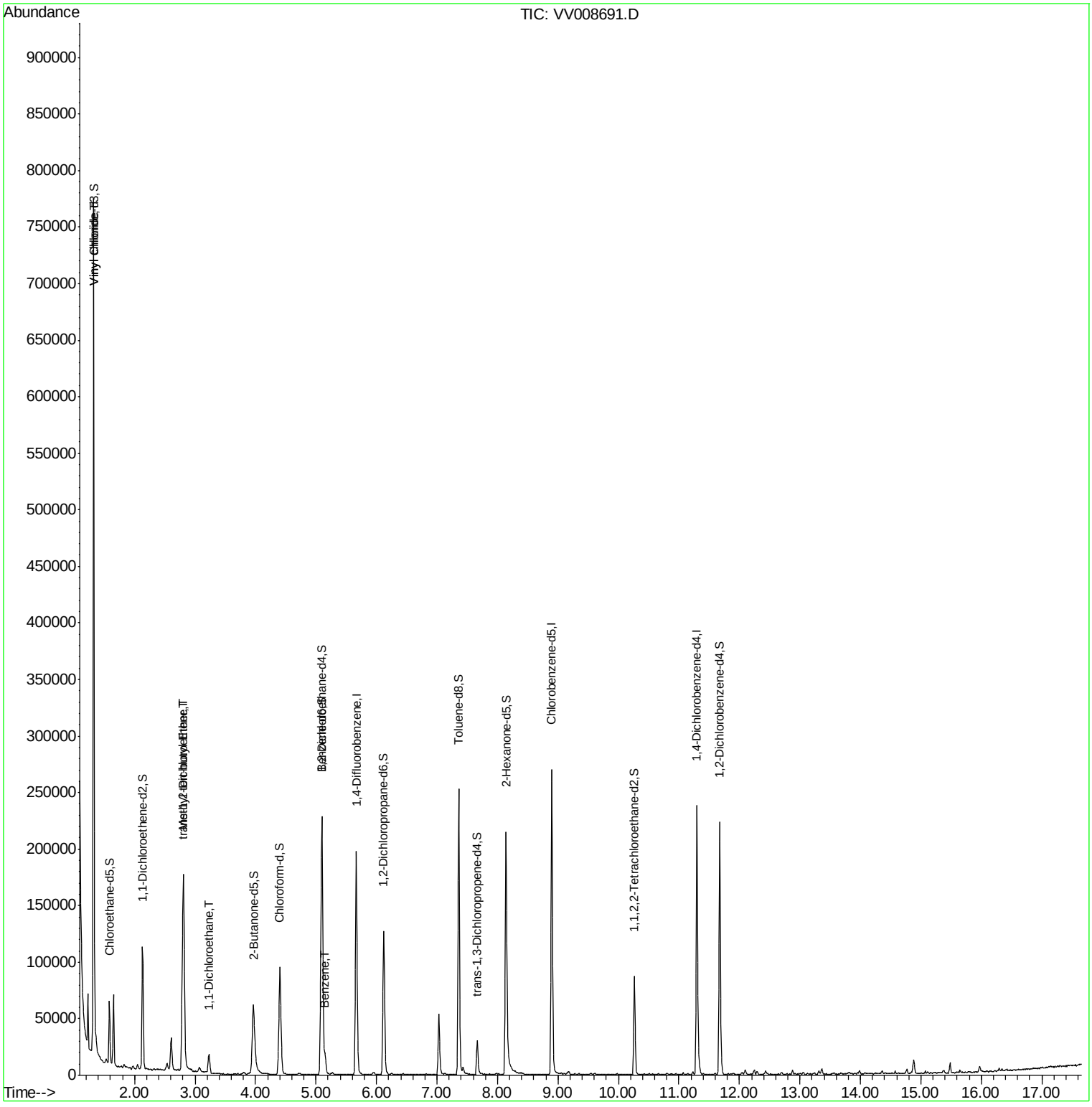
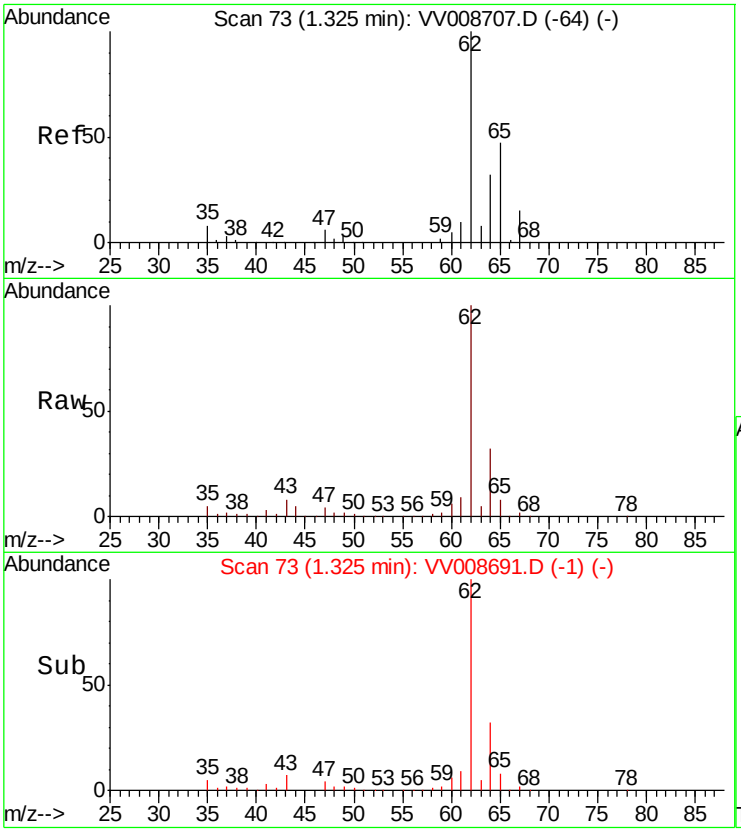
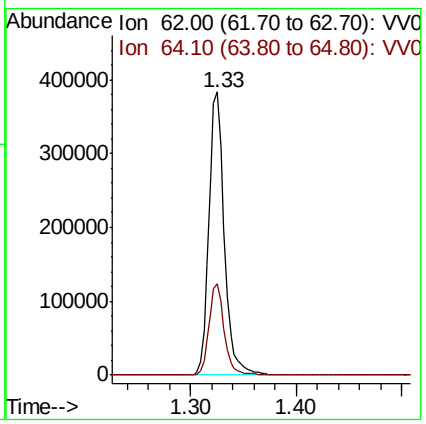




#5
Vinyl chloride
Concen: 37.740 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008691.D
Acq: 21 Nov 2018 11:07

Tgt Ion: 62 Resp: 391875

Ion	Ratio	Lower	Upper
62	100		
64	32.1	23.4	43.4



Instrument :
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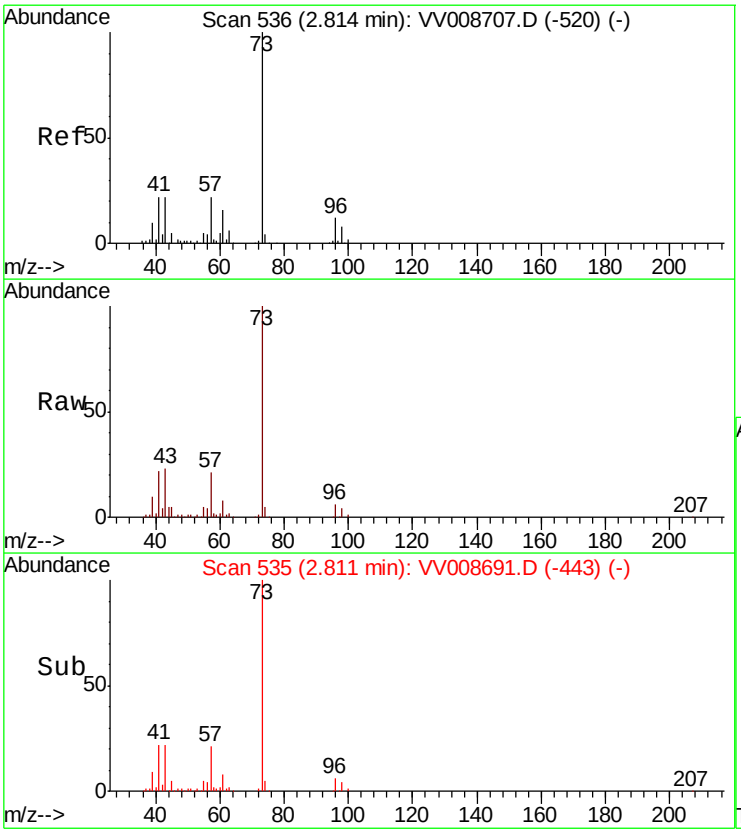
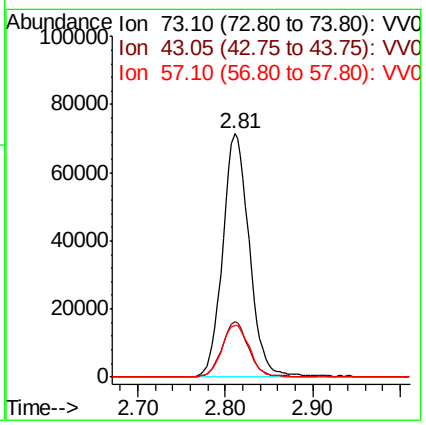
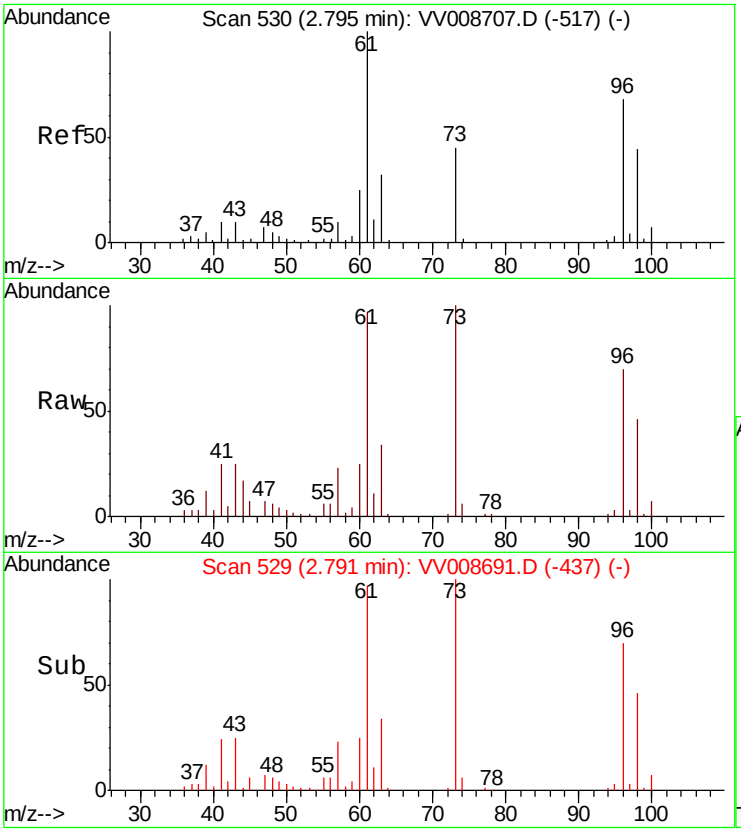


#17
Methyl tert-butyl Ether
Concen: 7.467 ug/L
RT: 2.81 min Scan# 535
Delta R.T. -0.00 min
Lab File: VV008691.D
Acq: 21 Nov 2018 11:07

Tgt Ion: 73 Resp: 151263

Ion	Ratio	Lower	Upper
73	100		
43	22.1	18.1	27.1
57	22.1	17.9	26.9

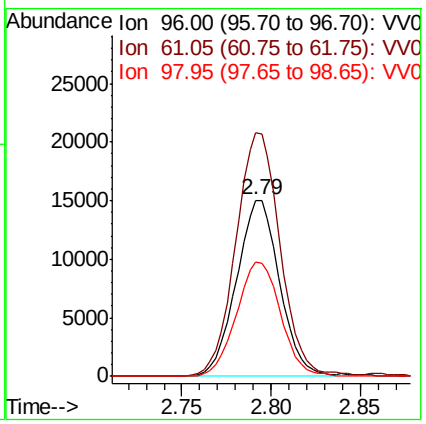




#18
trans-1,2-Dichloroethene
Concen: 3.059 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV008691.D
Acq: 21 Nov 2018 11:07

Tgt Ion: 96 Resp: 25280

Ion	Ratio	Lower	Upper
96	100		
61	138.2	97.1	180.3
98	65.2	41.9	77.7



Instrument :
MSVOA_V
ClientSampleId :
H0FM9

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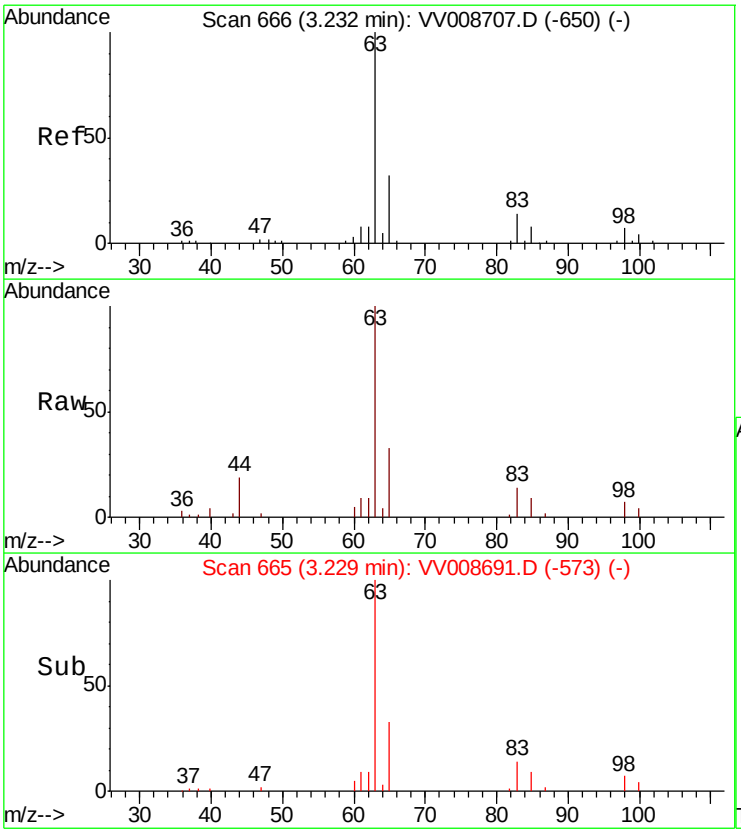
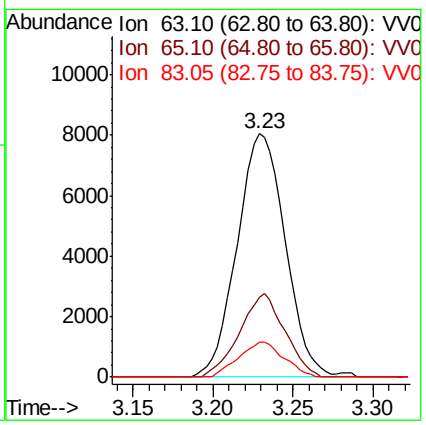
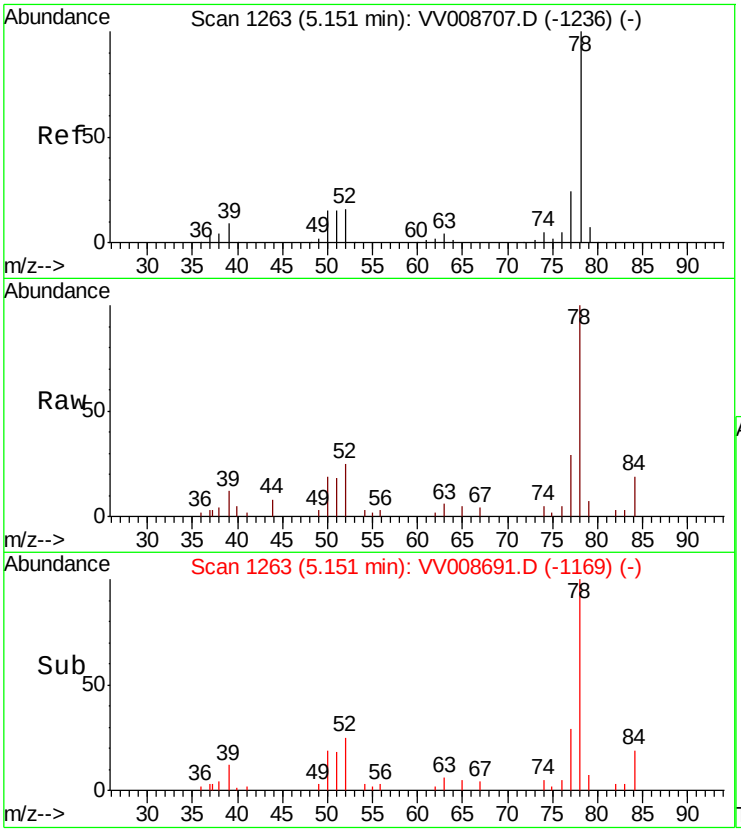


#19
1,1-Dichloroethane
Concen: 0.791 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV008691.D
Acq: 21 Nov 2018 11:07

Tgt Ion: 63 Resp: 16545

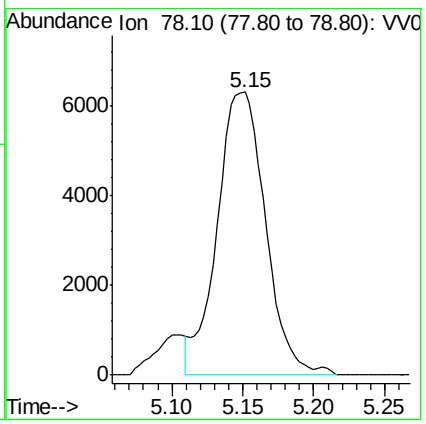
Ion	Ratio	Lower	Upper
63	100		
65	32.9	23.2	43.0
83	14.1	9.5	17.7





#33
Benzene
Concen: 0.315 ug/L m
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008691.D
Acq: 21 Nov 2018 11:07

Tgt Ion: 78 Resp: 14956



Instrument :
MSVOA_V
ClientSampleId :
H0FM9

Manual Integrations APPROVED
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