Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042420\
Data File : VV015675.D
Acq On : 24 Apr 2020 15:43
Operator : SY/MD
Sample : L2370-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKM9

Quant Time: Apr 25 02:42:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 25 00:15:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121301	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	116559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57684	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35698	5.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.60%			
7) Chloroethane-d5	1.58	69	28486	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.20%			
11) 1,1-Dichloroethene-d2	2.12	63	45435	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	3.91	46	105206	51.69	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.38%			
24) Chloroform-d	4.38	84	70793	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.06	65	41089	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.08	84	131563	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.10	67	42986	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.34	98	121297	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	7.65	79	14461	4.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.20%			
46) 2-Hexanone-d5	8.11	63	80120	47.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.58%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31209	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.20%			
64) 1,2-Dichlorobenzene-d4	11.65	152	47163	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	719	0.080	ug/L	83
5) Vinyl chloride	1.32	62	1114655	116.111	ug/L	100
17) Methyl tert-butyl Ether	2.79	73	3506	0.177	ug/L #	89
18) trans-1,2-Dichloroethene	2.78	96	2888	0.365	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	574233	65.700	ug/L	98
34) Trichloroethene	5.94	95	18761	2.040	ug/L	95
47) Tetrachloroethene	8.00	164	14712	2.222	ug/L	94

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

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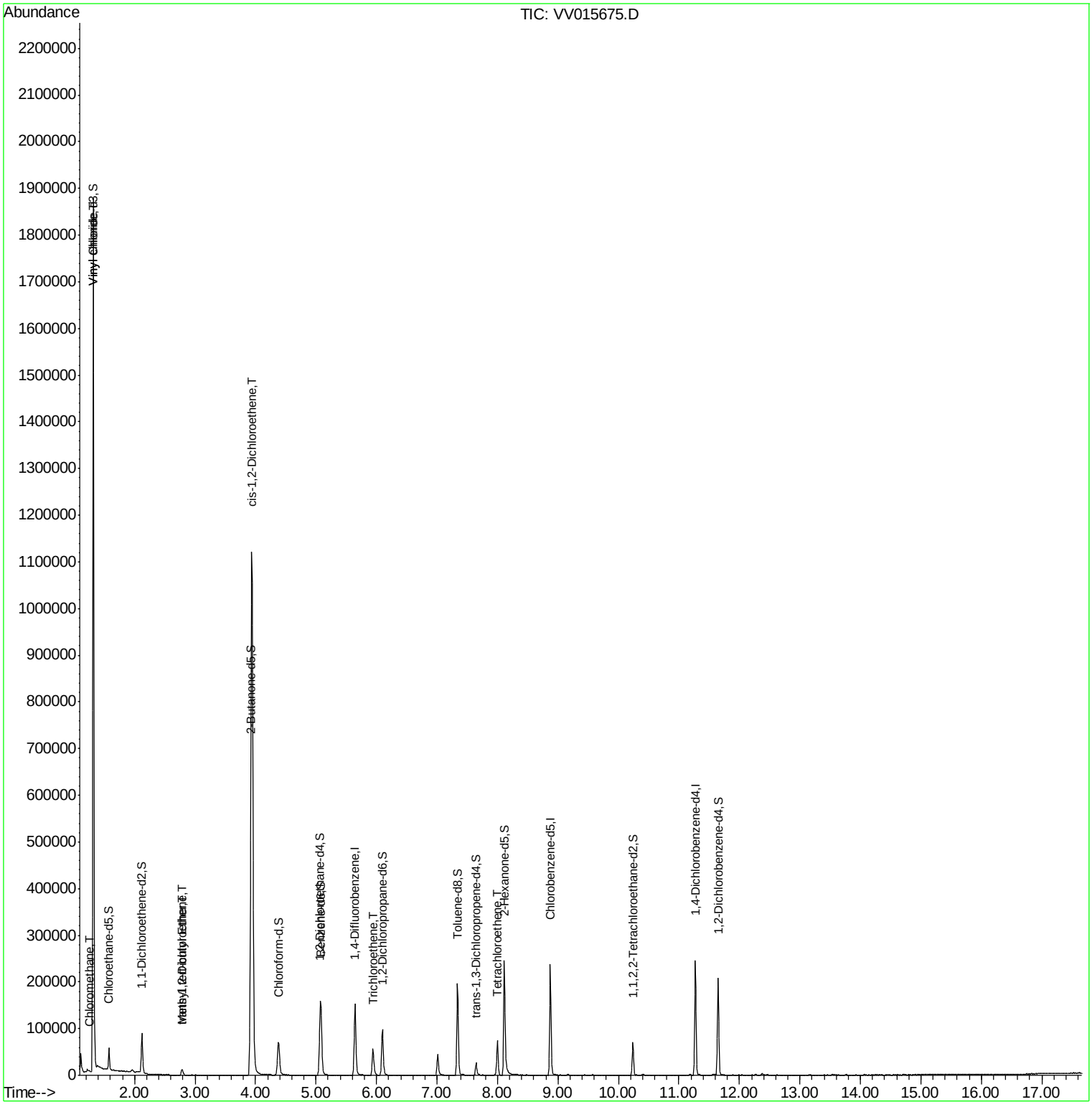
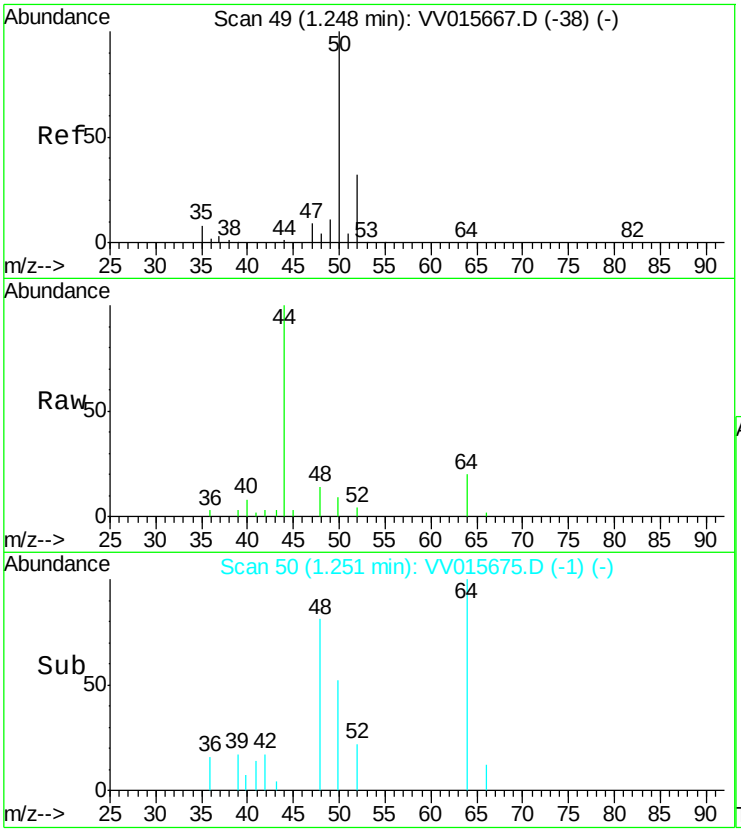


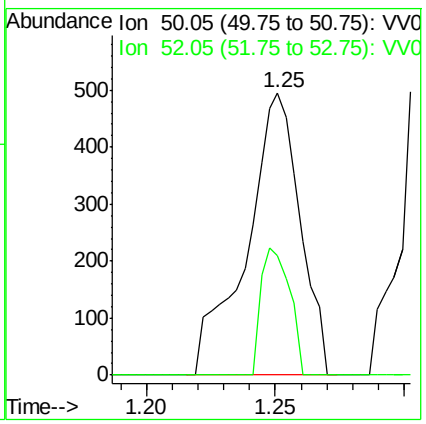


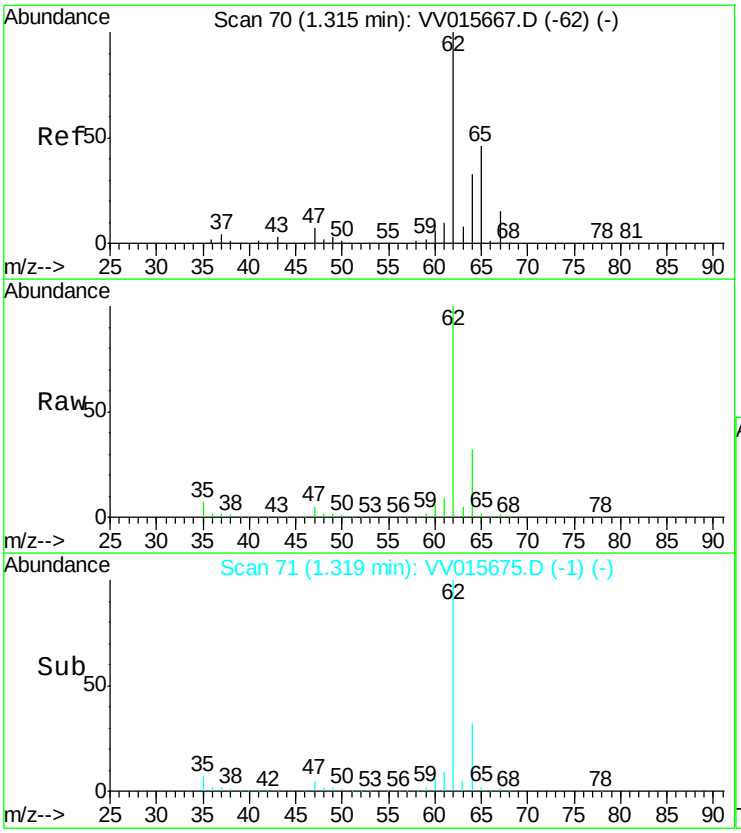
#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV015675.D
Acq: 24 Apr 2020 15:43

Instrument :
MSVOA_V
ClientSampleId :
ETKM9

Tgt Ion: 50 Resp: 719

Ion	Ratio	Lower	Upper
50	100		
52	42.2	22.9	42.5

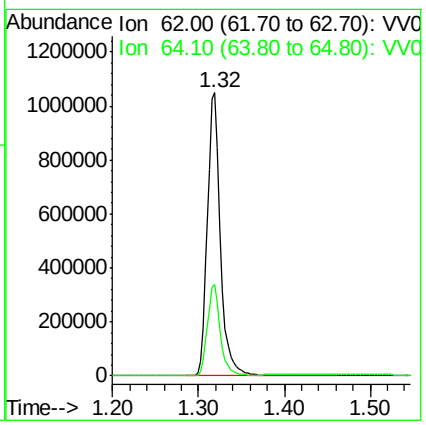


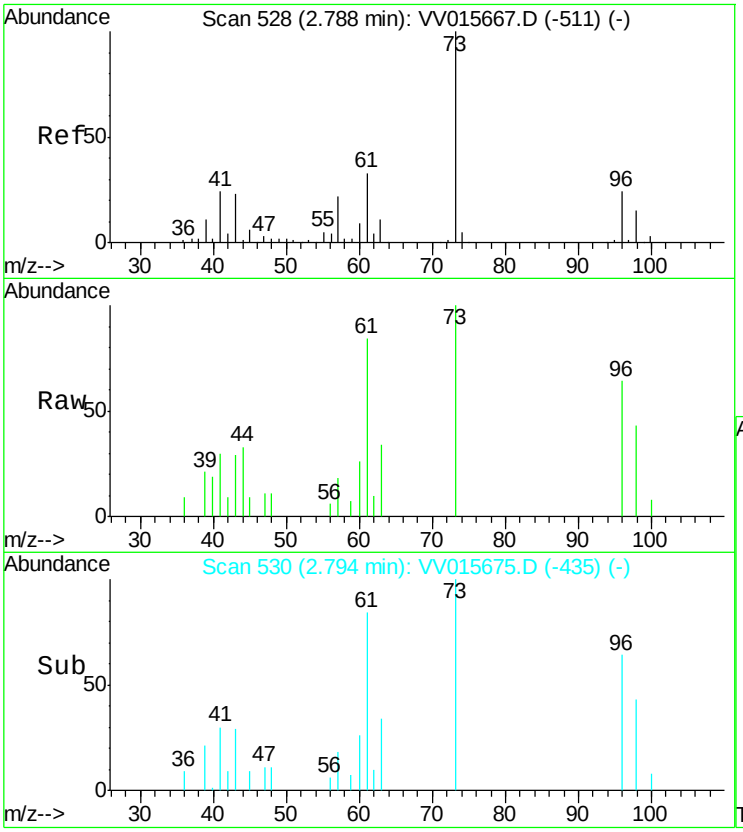


#5
Vinyl chloride
Concen: 116.111 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV015675.D
Acq: 24 Apr 2020 15:43

Tgt Ion: 62 Resp: 1114655

Ion	Ratio	Lower	Upper
62	100		
64	32.2	22.7	42.1



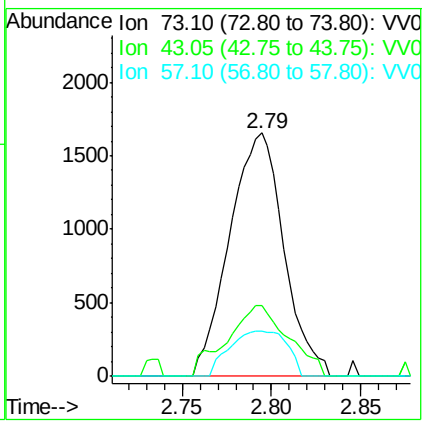


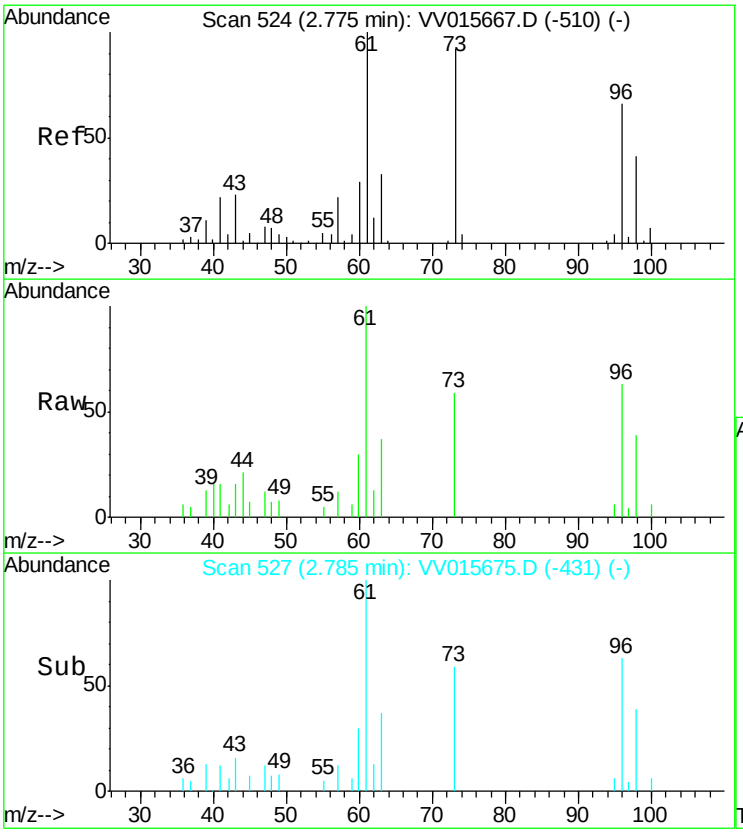
#17
Methyl tert-butyl Ether
Concen: 0.177 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV015675.D
Acq: 24 Apr 2020 15:43

Instrument :
MSVOA_V
ClientSampleId :
ETKM9

Tgt Ion: 73 Resp: 3506

Ion	Ratio	Lower	Upper
73	100		
43	32.7	20.1	30.1#
57	19.6	17.8	26.8

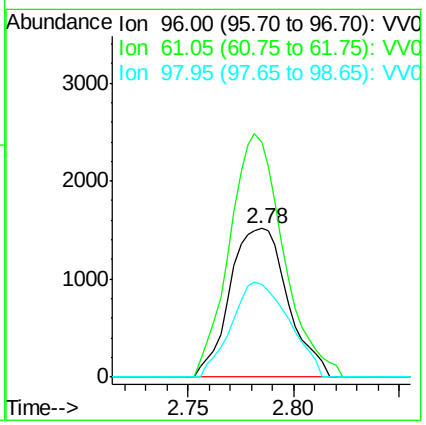


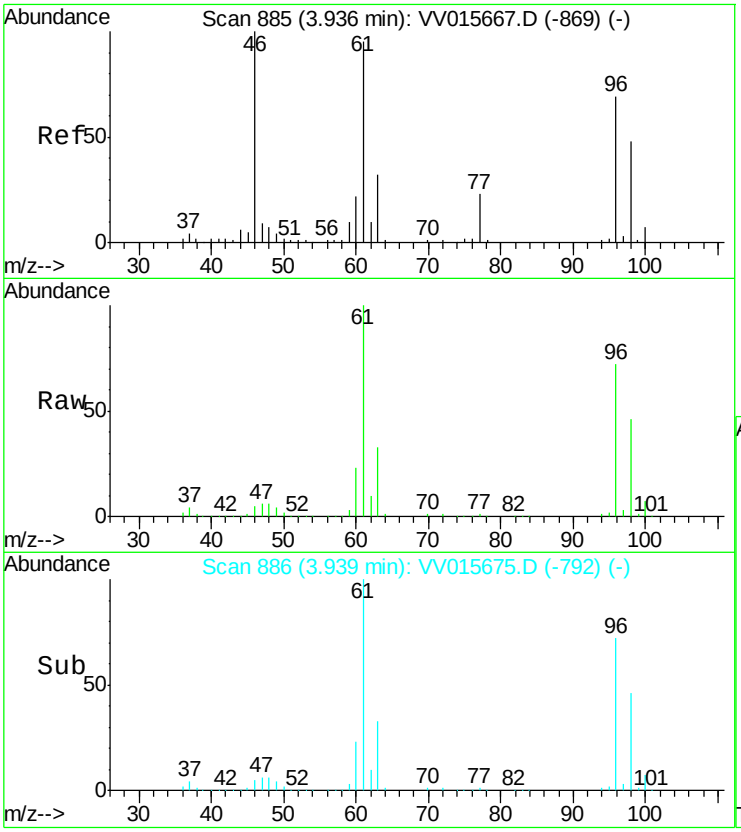


#18
trans-1,2-Dichloroethene
Concen: 0.365 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV015675.D
Acq: 24 Apr 2020 15:43

Tgt Ion: 96 Resp: 2888

Ion	Ratio	Lower	Upper
96	100		
61	158.3	105.5	195.9
98	62.4	44.2	82.0



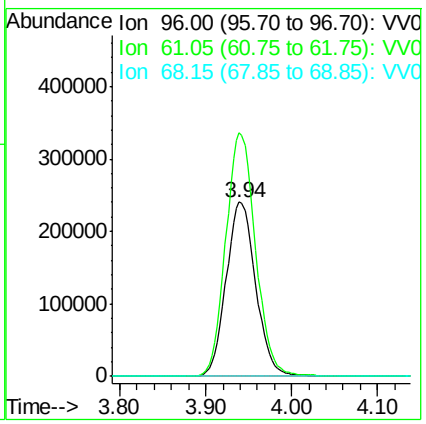


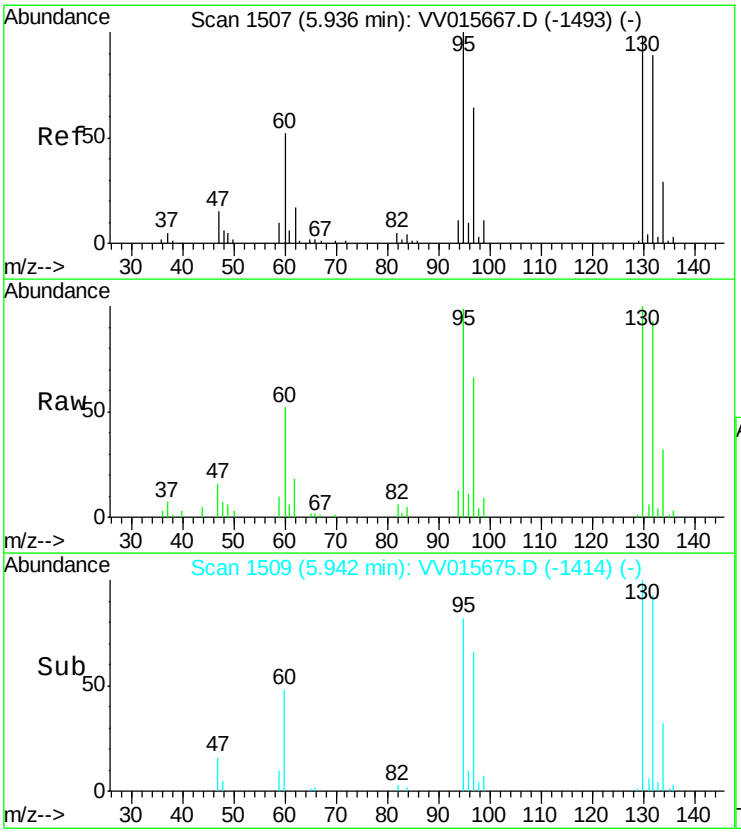
#22
cis-1,2-Dichloroethene
Concen: 65.700 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015675.D
Acq: 24 Apr 2020 15:43

Instrument :
MSVOA_V
ClientSampleId :
ETKM9

Tgt Ion: 96 Resp: 574233

Ion	Ratio	Lower	Upper
96	100		
61	139.6	96.4	179.0
68	0.0	0.0	0.0

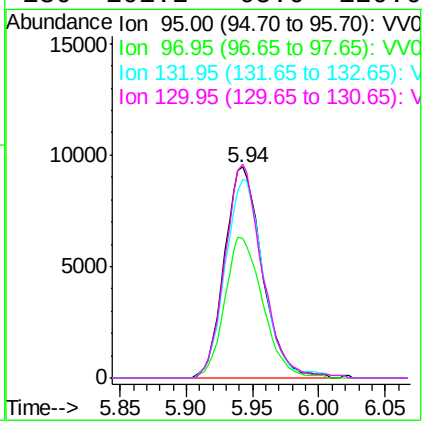


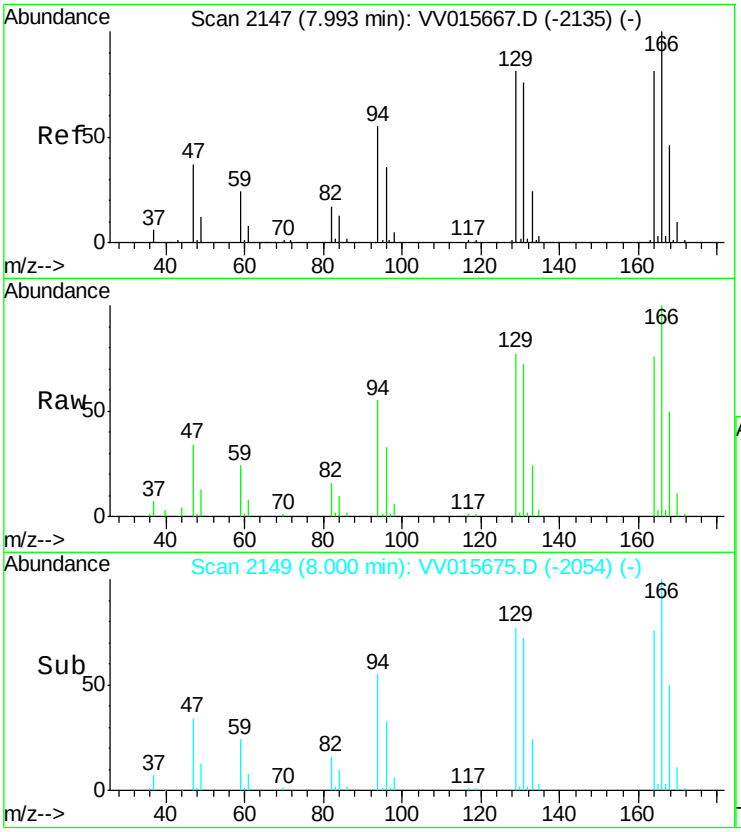


#34
Trichloroethene
Concen: 2.040 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015675.D
Acq: 24 Apr 2020 15:43

Tgt Ion: 95 Resp: 18761

Ion	Ratio	Lower	Upper
95	100		
97	66.4	44.7	82.9
132	94.1	65.2	121.0
130	101.2	65.0	120.6

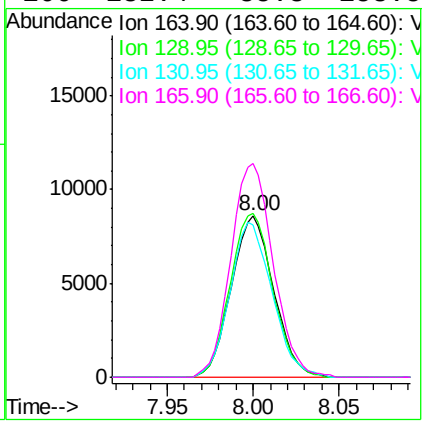




#47
Tetrachloroethene
Concen: 2.222 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV015675.D
Acq: 24 Apr 2020 15:43

Tgt Ion:164 Resp: 14712

Ion	Ratio	Lower	Upper
164	100		
129	101.8	66.7	123.9
131	94.7	66.6	123.6
166	132.4	85.3	158.5



Instrument :
MSVOA_V
ClientSampleId :
ETKM9