Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
Data File : VV015702.D
Acq On : 25 Apr 2020 18:36
Operator : SY/MD
Sample : L2413-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKL7

Quant Time: Apr 27 03:21:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	127744	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	123021	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58981	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26557	3.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.60%			
7) Chloroethane-d5	1.58	69	28057	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.20%			
11) 1,1-Dichloroethene-d2	2.12	63	44006	3.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.20%			
20) 2-Butanone-d5	3.92	46	100974	47.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.22%			
24) Chloroform-d	4.38	84	70992	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.06	65	40784	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.08	84	130979	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.10	67	42461	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.60%			
41) Toluene-d8	7.34	98	117413	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.20%			
43) trans-1,3-Dichloropropene-	7.64	79	11065	3.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 61.00%			
46) 2-Hexanone-d5	8.11	63	76613	43.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.60%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31799	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	47211	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	30769	3.043	ug/L	91
13) Acetone	2.19	43	2526	1.697	ug/L	80
17) Methyl tert-butyl Ether	2.79	73	4223	0.202	ug/L #	17
18) trans-1,2-Dichloroethene	2.78	96	1379	0.166	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	28594	3.107	ug/L	90
30) Cyclohexane	4.70	56	1938	0.130	ug/L #	93
34) Trichloroethene	5.95	95	2071	0.213	ug/L	94

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

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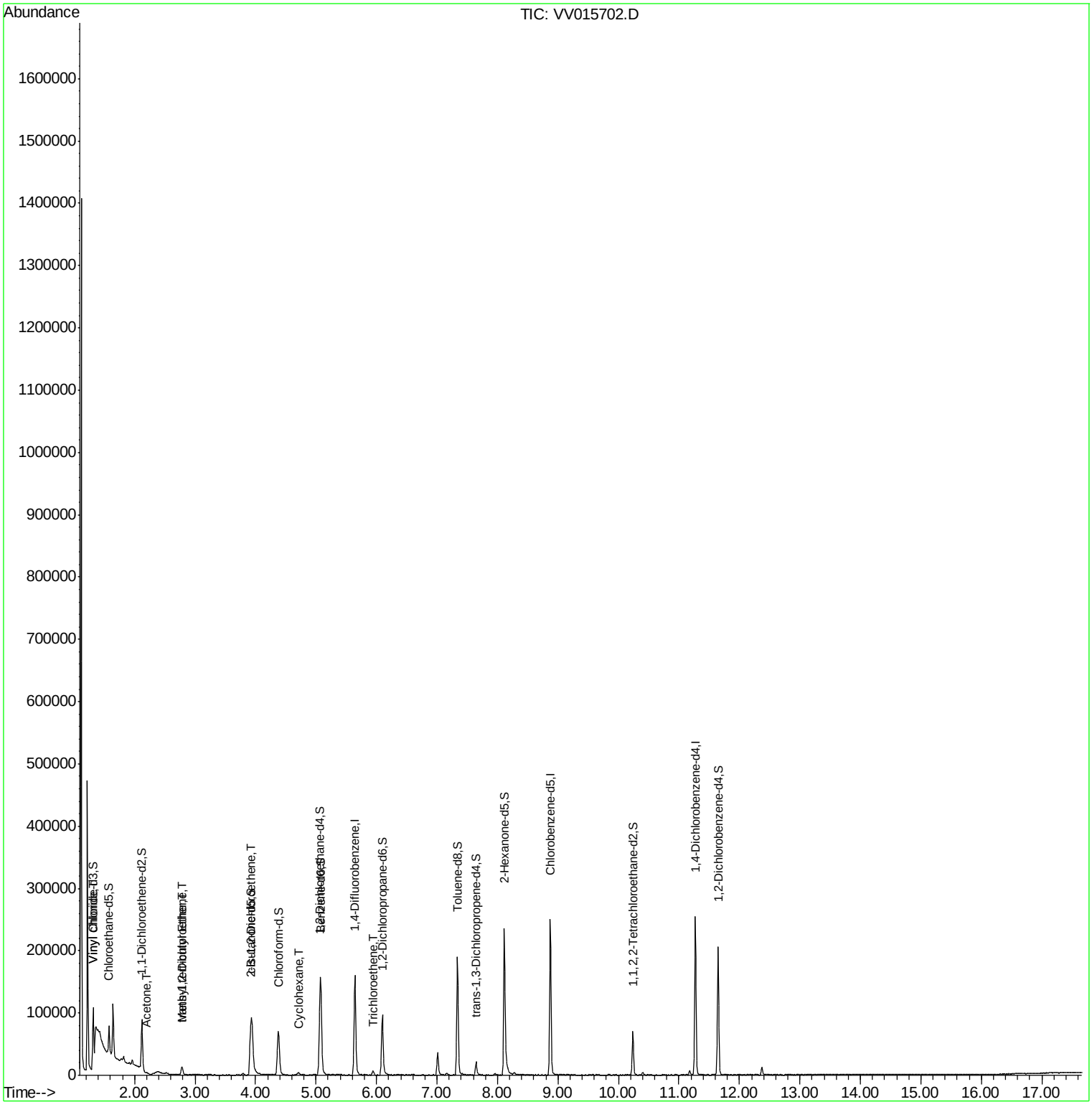
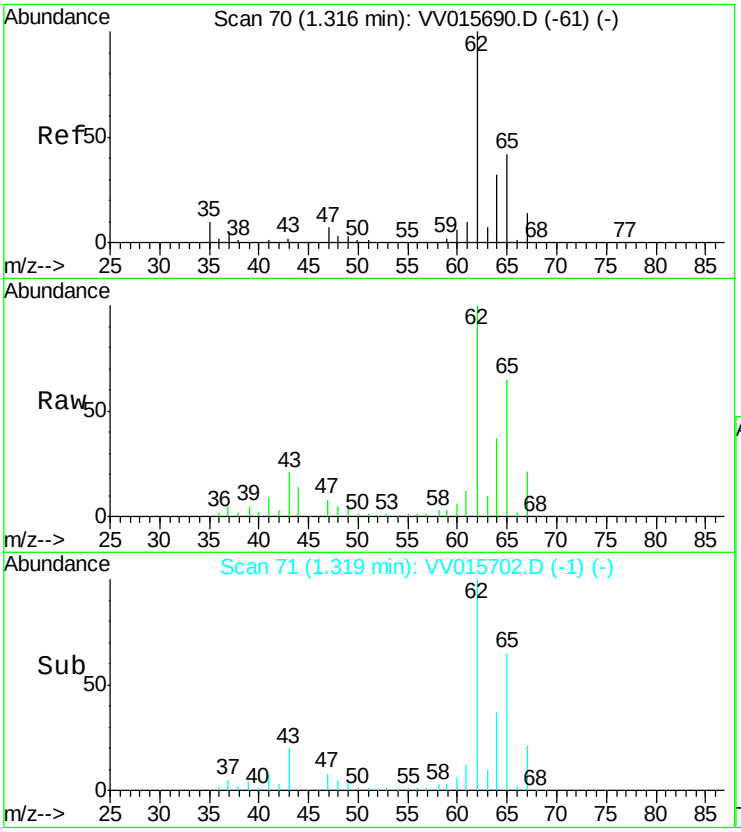


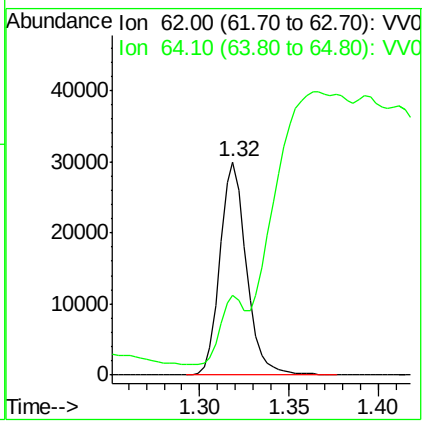


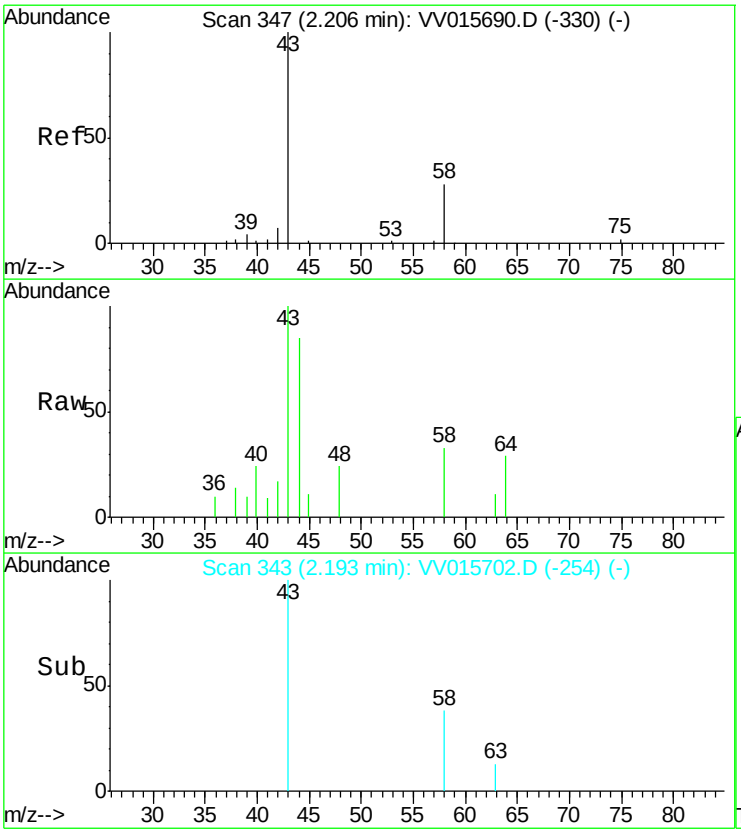
#5
Vinyl chloride
Concen: 3.043 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV015702.D
Acq: 25 Apr 2020 18:36

Instrument :
MSVOA_V
ClientSampleId :
ETKL7

Tgt Ion: 62 Resp: 30769

Ion	Ratio	Lower	Upper
62	100		
64	37.4	22.7	42.1

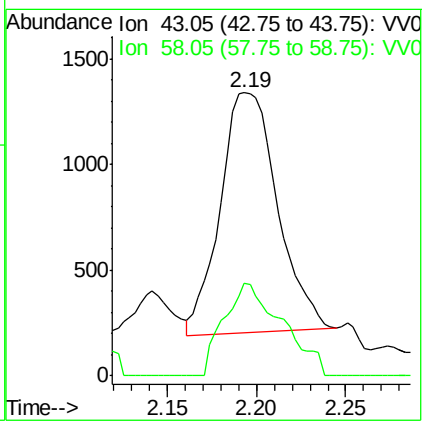


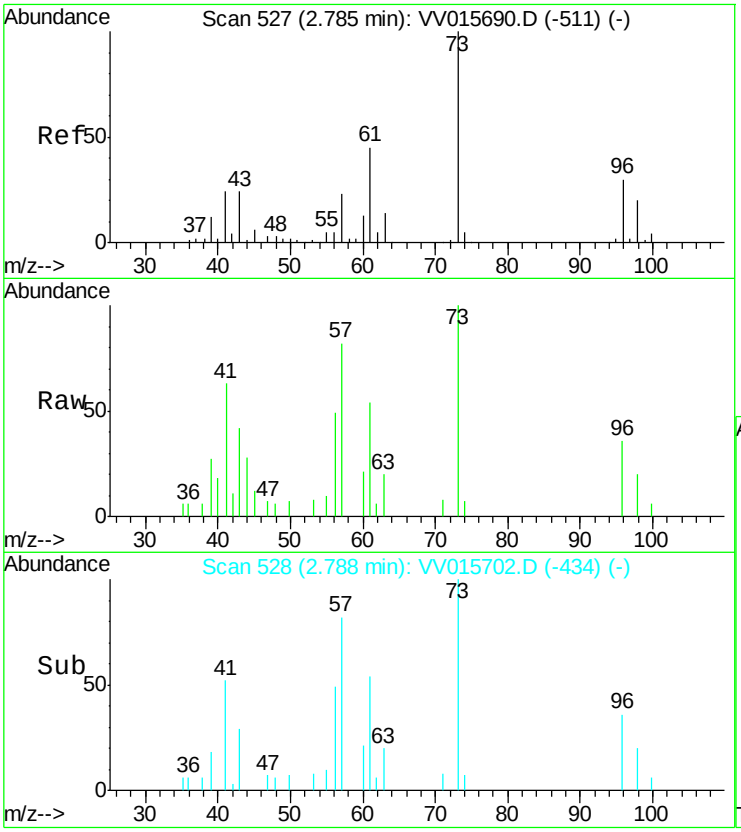


#13
Acetone
Concen: 1.697 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.01 min
Lab File: VV015702.D
Acq: 25 Apr 2020 18:36

Tgt Ion: 43 Resp: 2526

Ion	Ratio	Lower	Upper
43	100		
58	39.7	0.0	57.6



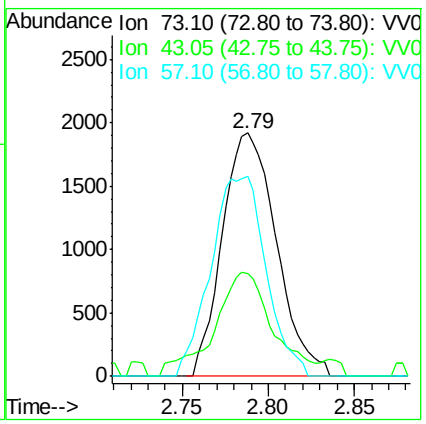


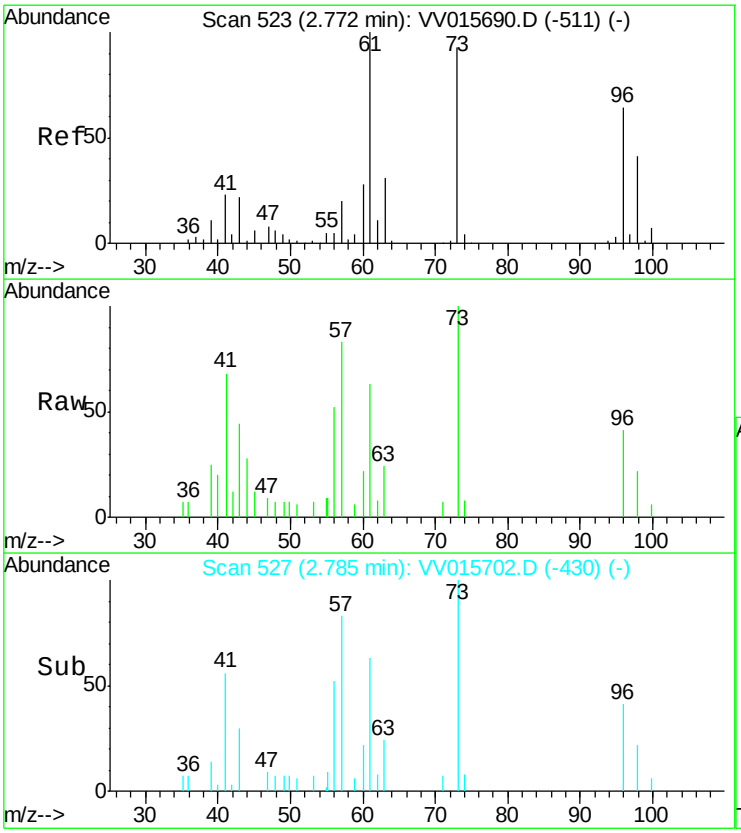
#17
Methyl tert-butyl Ether
Concen: 0.202 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV015702.D
Acq: 25 Apr 2020 18:36

Instrument : MSVOA_V
ClientSampleId : ETKL7

Tgt Ion: 73 Resp: 4223

Ion	Ratio	Lower	Upper
73	100		
43	46.5	20.1	30.1#
57	83.4	17.8	26.8#

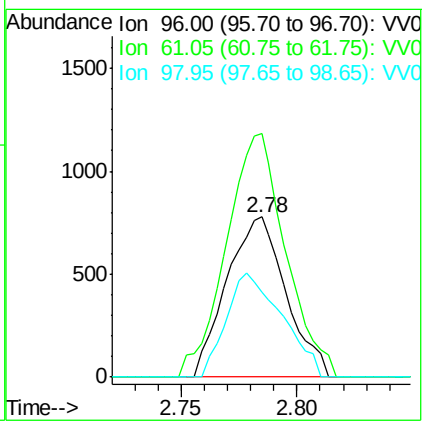


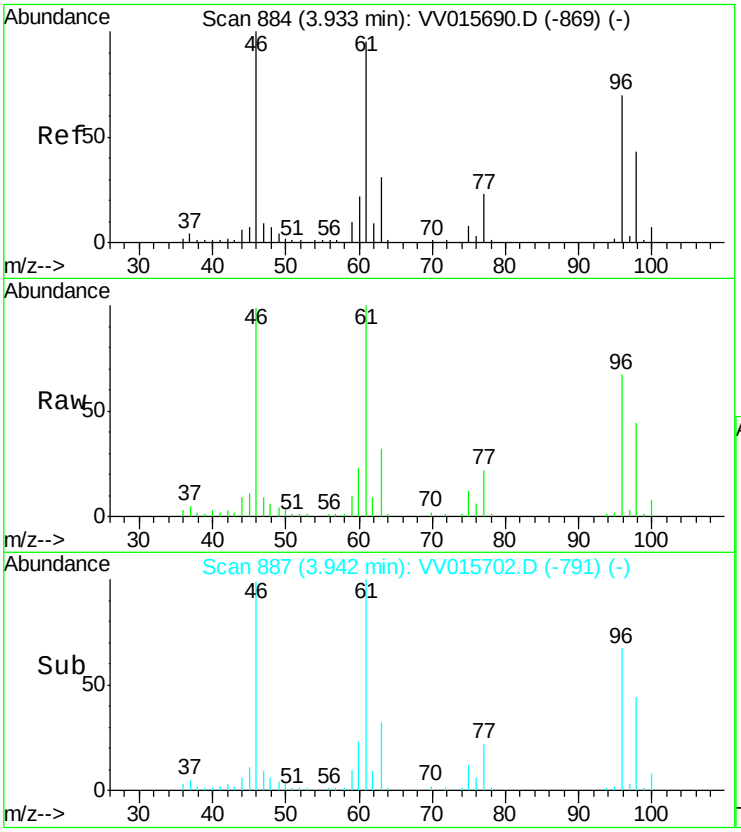


#18
trans-1,2-Dichloroethene
Concen: 0.166 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV015702.D
Acq: 25 Apr 2020 18:36

Tgt Ion: 96 Resp: 1379

Ion	Ratio	Lower	Upper
96	100		
61	152.1	105.5	195.9
98	53.1	44.2	82.0



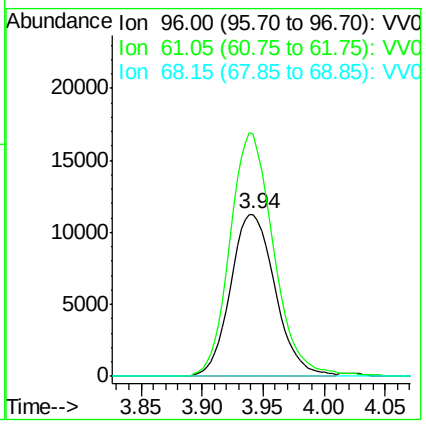


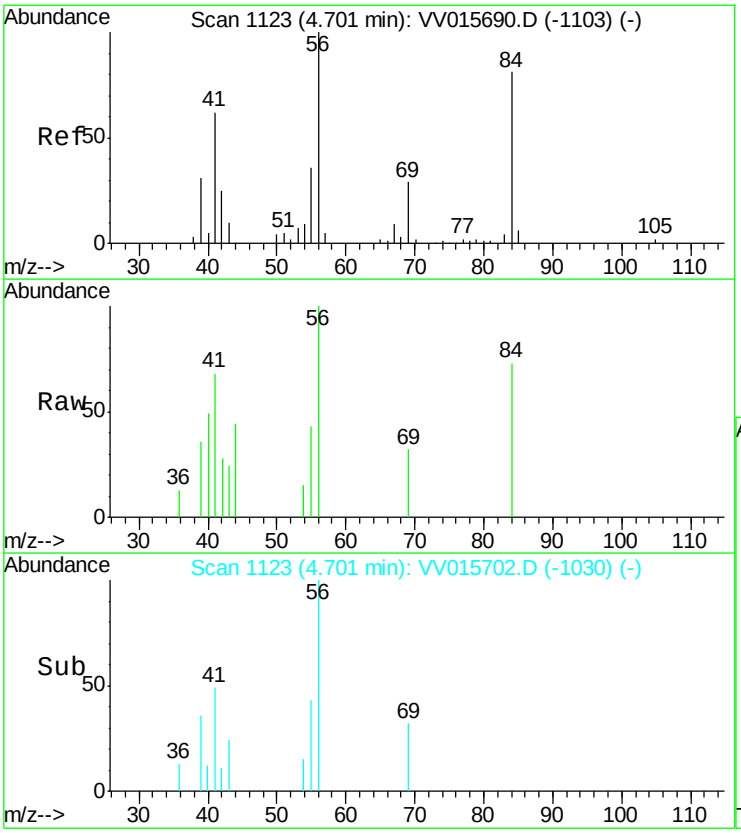
#22
cis-1,2-Dichloroethene
Concen: 3.107 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015702.D
Acq: 25 Apr 2020 18:36

Instrument :
MSVOA_V
ClientSampleId :
ETKL7

Tgt Ion: 96 Resp: 28594

Ion	Ratio	Lower	Upper
96	100		
61	149.3	96.4	179.0
68	0.0	0.0	0.0

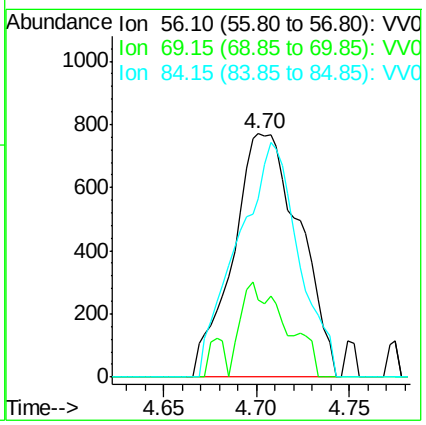


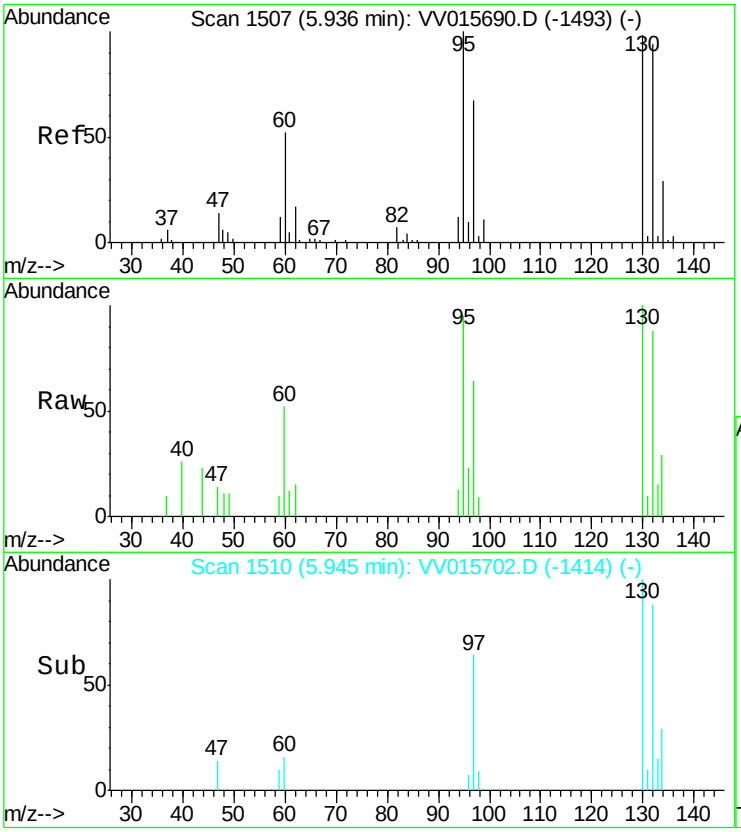


#30
Cyclohexane
Concen: 0.130 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV015702.D
Acq: 25 Apr 2020 18:36

Tgt Ion: 56 Resp: 1938

Ion	Ratio	Lower	Upper
56	100		
69	22.7	23.9	35.9#
84	87.9	66.9	100.3





#34
Trichloroethene
Concen: 0.213 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV015702.D
Acq: 25 Apr 2020 18:36

Instrument :
MSVOA_V
ClientSampleId :
ETKL7

Tgt Ion: 95 Resp: 2071

Ion	Ratio	Lower	Upper
95	100		
97	67.7	44.7	82.9
132	92.4	65.2	121.0
130	105.0	65.0	120.6