Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
Data File : VV015712.D
Acq On : 25 Apr 2020 22:31
Operator : SY/MD
Sample : L2413-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKM8

Quant Time: Apr 27 05:42:28 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	126304	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122990	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57505	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	37491	5.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 113.60%			
7) Chloroethane-d5	1.58	69	27449	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.40%			
11) 1,1-Dichloroethene-d2	2.12	63	57873	4.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.20%			
20) 2-Butanone-d5	3.92	46	108476	51.18	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.36%			
24) Chloroform-d	4.38	84	70227	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.06	65	39927	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.08	84	130308	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
36) 1,2-Dichloropropane-d6	6.10	67	43637	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.34	98	119491	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloropropene-	7.65	79	11094	3.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 61.20%			
46) 2-Hexanone-d5	8.11	63	78479	44.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.74%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31308	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	46832	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	1804556	180.530	ug/L	100
12) 1,1-Dichloroethene	2.13	96	25762	3.505	ug/L	91
13) Acetone	2.19	43	2233	1.517	ug/L	74
18) trans-1,2-Dichloroethene	2.78	96	91062	11.063	ug/L	100
22) cis-1,2-Dichloroethene	3.94	96	11010875	1209.893	ug/L	96
30) Cyclohexane	4.71	56	8140	0.546	ug/L	96
34) Trichloroethene	5.94	95	695588	71.680	ug/L	98
35) Methylcyclohexane	6.16	83	3400	0.228	ug/L	92
42) Toluene	7.42	91	3241	0.086	ug/L	97
47) Tetrachloroethene	8.00	164	1234779	176.720	ug/L	96

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

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Instrument :
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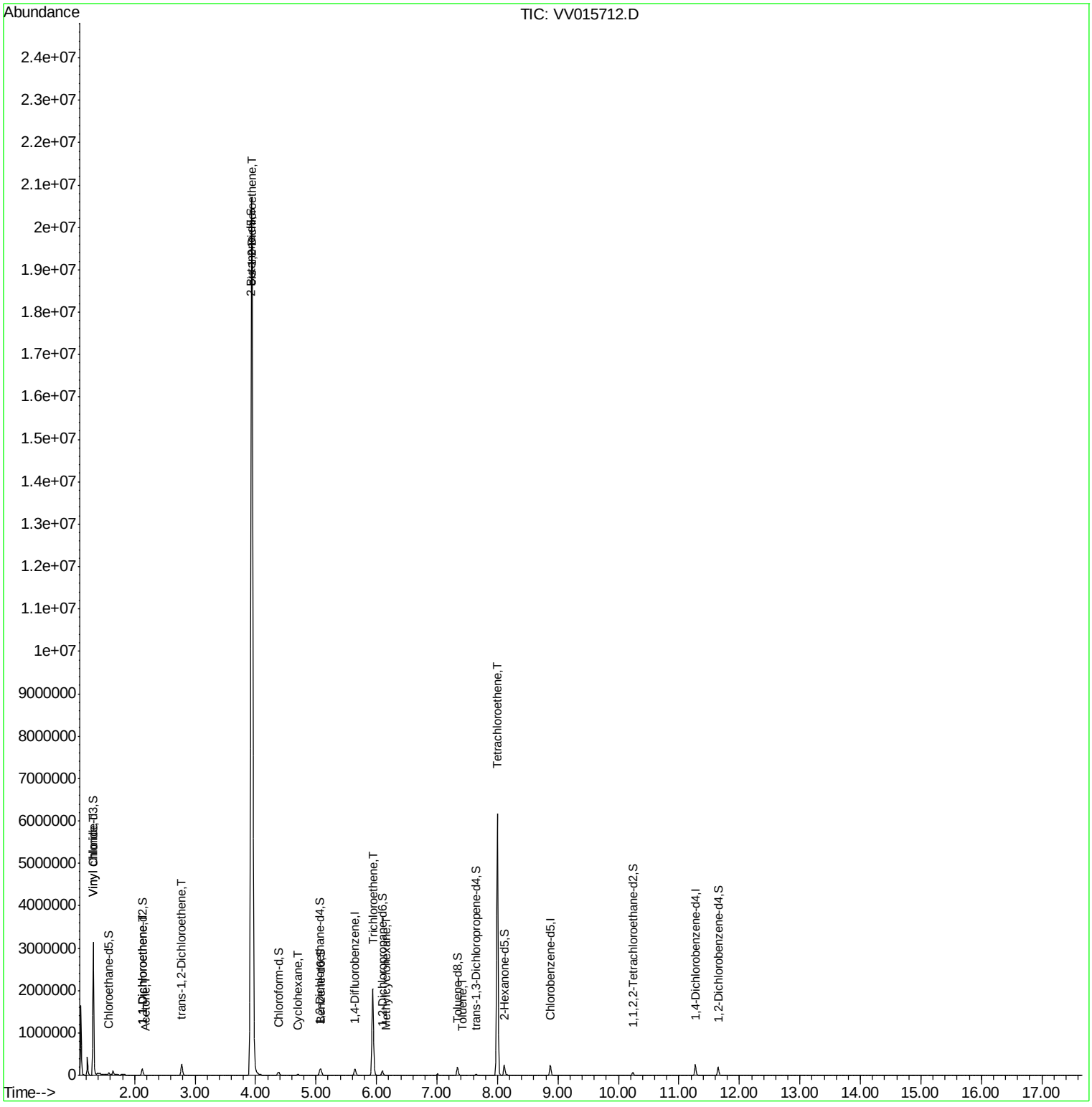
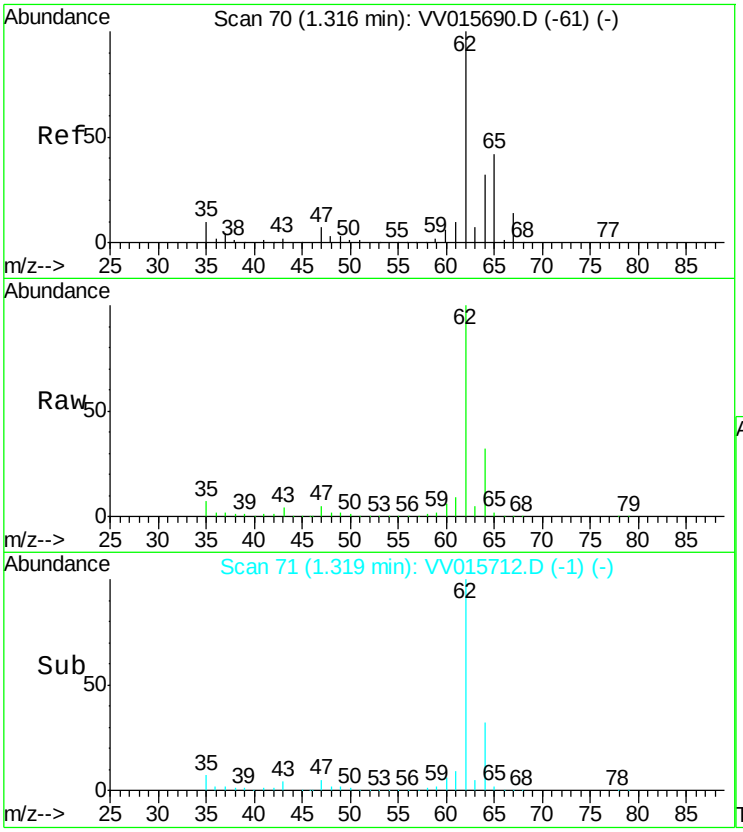
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration



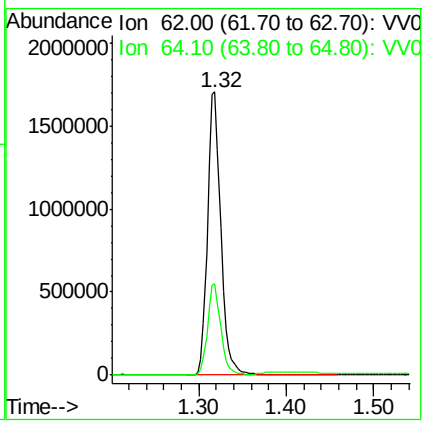


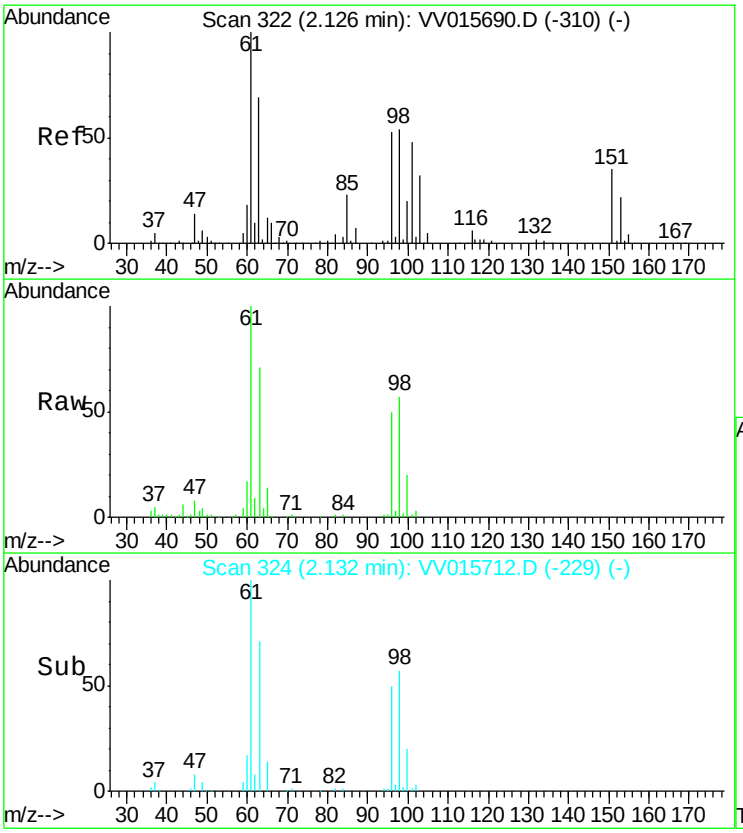
#5
Vinyl chloride
Concen: 180.530 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV015712.D
Acq: 25 Apr 2020 22:31

Instrument :
MSVOA_V
ClientSampleId :
ETKM8

Tgt Ion: 62 Resp: 1804556

Ion	Ratio	Lower	Upper
62	100		
64	32.3	22.7	42.1

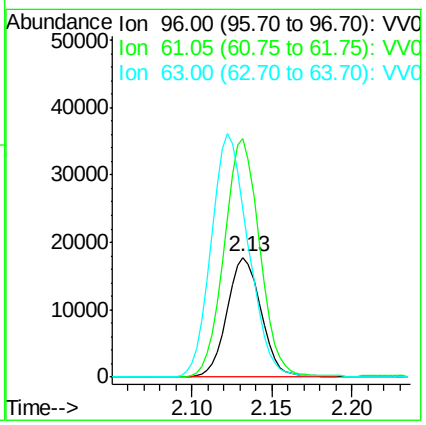


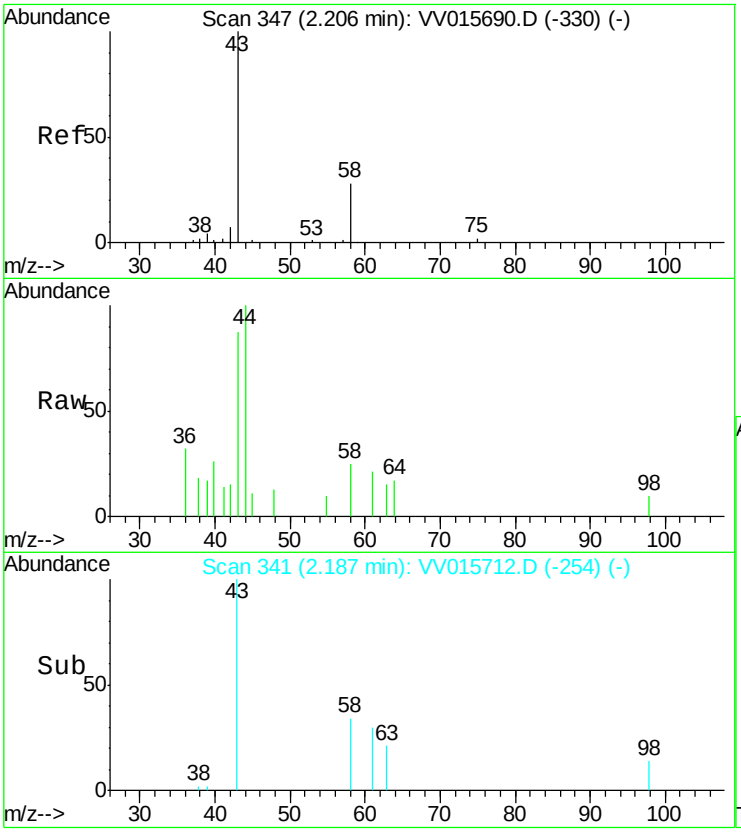


#12
1,1-Dichloroethene
Concen: 3.505 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.01 min
Lab File: VV015712.D
Acq: 25 Apr 2020 22:31

Tgt Ion: 96 Resp: 25762

Ion	Ratio	Lower	Upper
96	100		
61	198.8	130.1	241.7
63	140.8	91.4	169.8



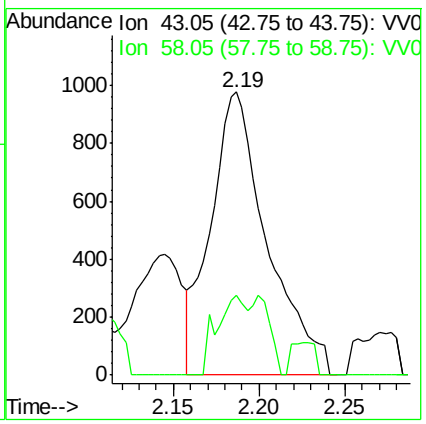


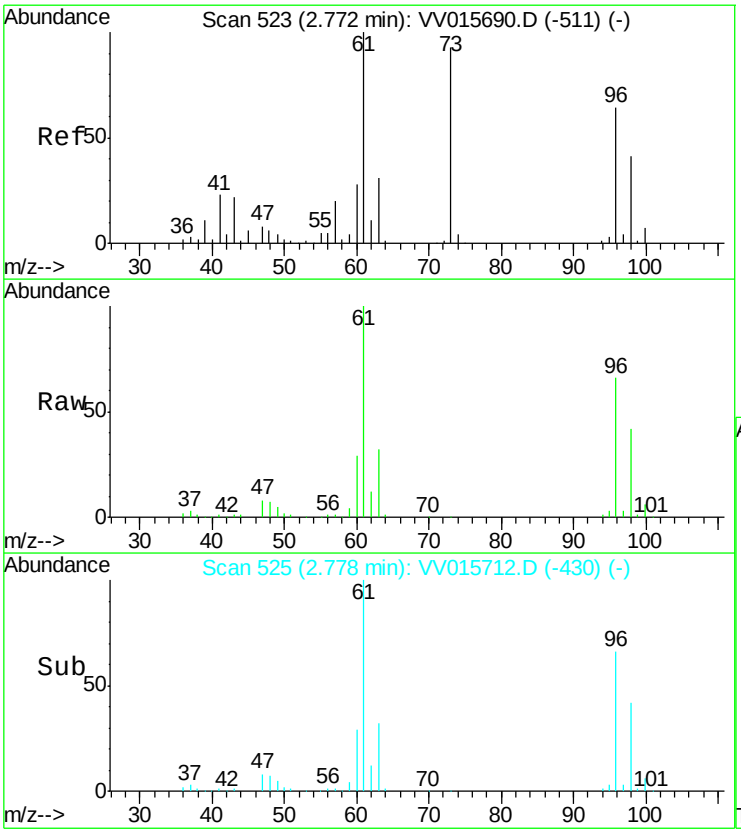
#13
Acetone
Concen: 1.517 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV015712.D
Acq: 25 Apr 2020 22:31

Instrument : MSVOA_V
ClientSampleId : ETKM8

Tgt Ion: 43 Resp: 2233

Ion	Ratio	Lower	Upper
43	100		
58	15.0	0.0	57.6

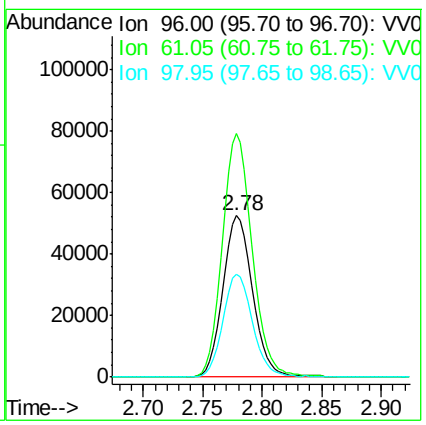


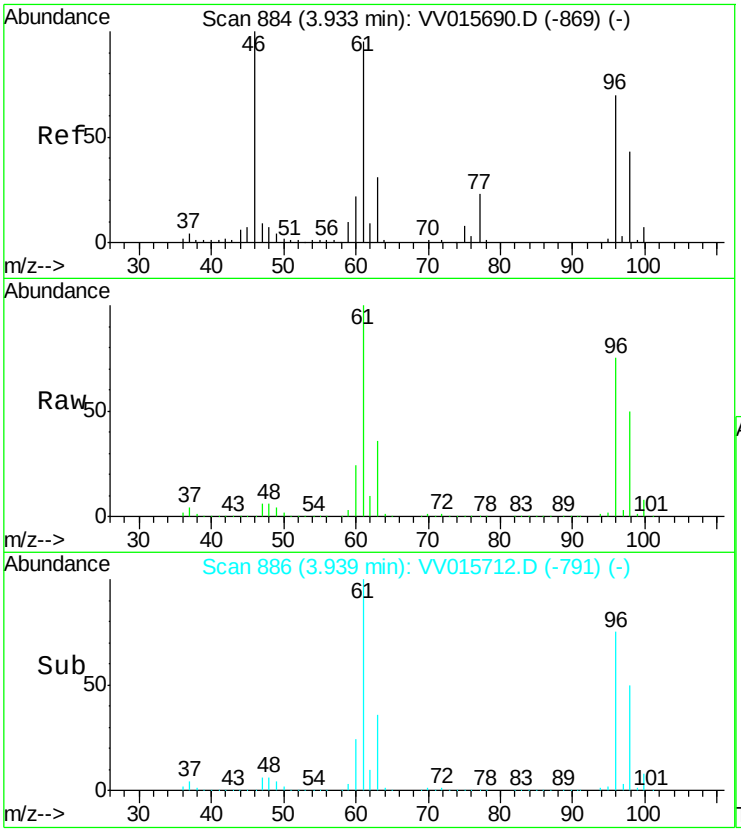


#18
trans-1,2-Dichloroethene
Concen: 11.063 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV015712.D
Acq: 25 Apr 2020 22:31

Tgt Ion: 96 Resp: 91062

Ion	Ratio	Lower	Upper
96	100		
61	150.8	105.5	195.9
98	63.7	44.2	82.0



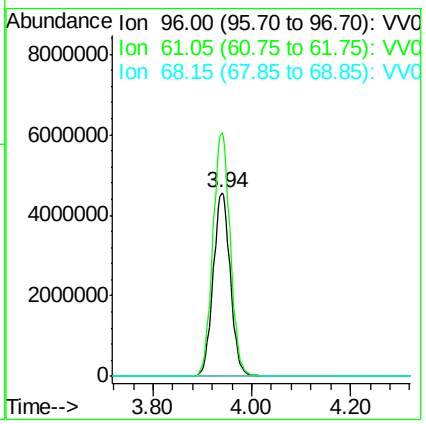


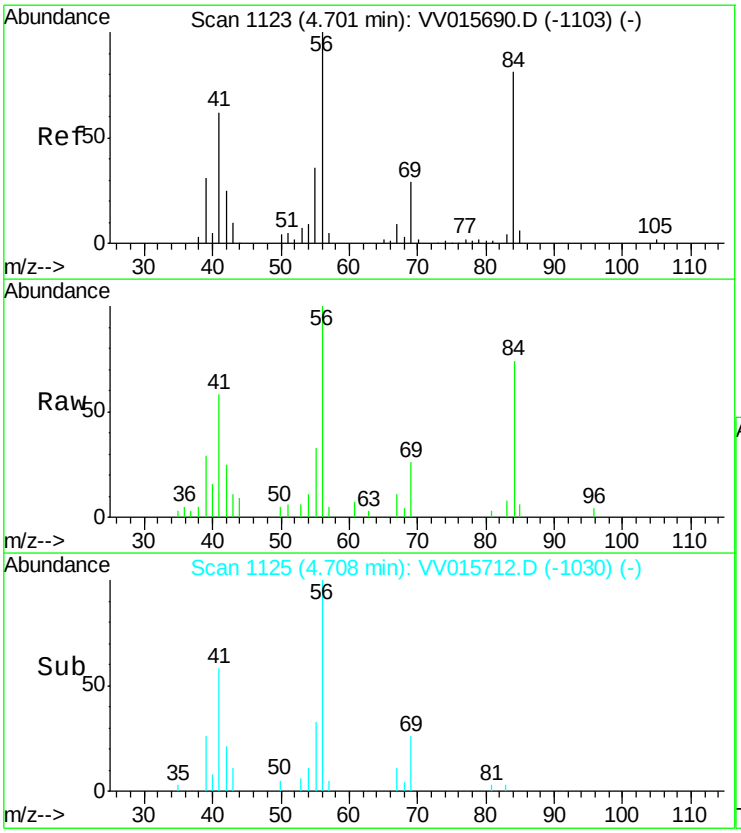
#22
cis-1,2-Dichloroethene
Concen: 1209.893 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015712.D
Acq: 25 Apr 2020 22:31

Instrument :
MSVOA_V
ClientSampleId :
ETKM8

Tgt Ion: 96 Resp:11010875

Ion	Ratio	Lower	Upper
96	100		
61	132.6	96.4	179.0
68	0.0	0.0	0.0

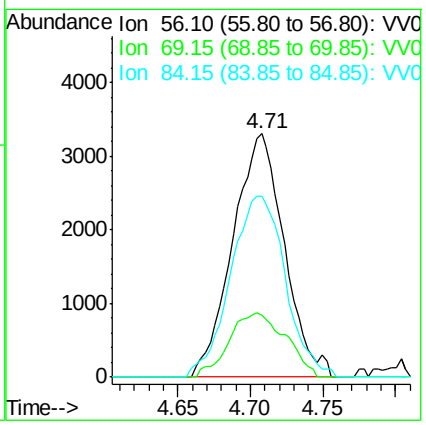


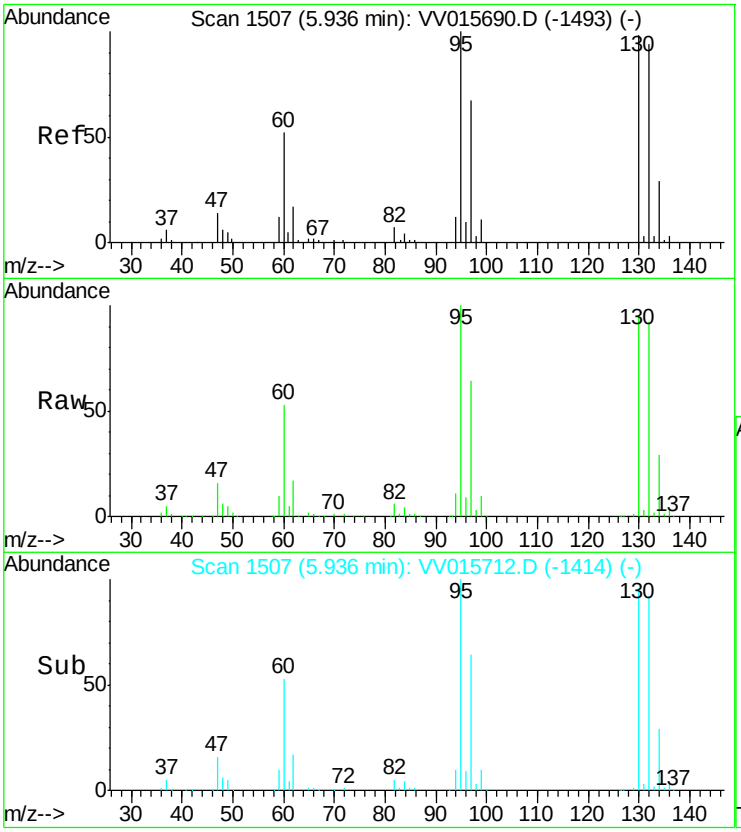


#30
Cyclohexane
Concen: 0.546 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV015712.D
Acq: 25 Apr 2020 22:31

Tgt Ion: 56 Resp: 8140

Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.9	35.9
84	79.4	66.9	100.3



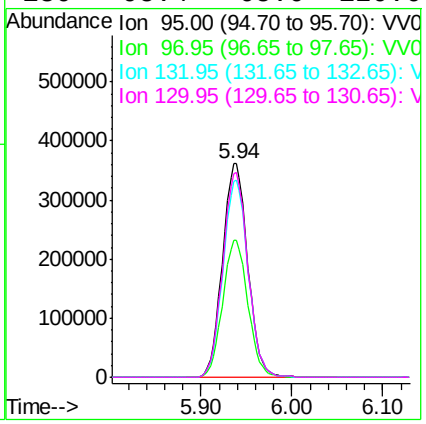


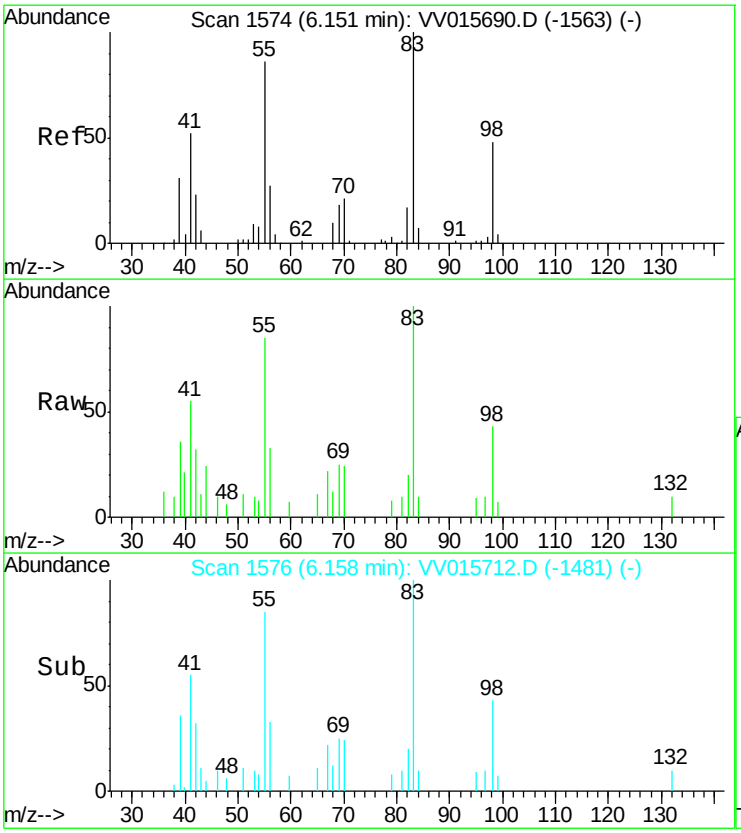
#34
Trichloroethene
Concen: 71.680 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV015712.D
Acq: 25 Apr 2020 22:31

Instrument :
MSVOA_V
ClientSampleId :
ETKM8

Tgt Ion: 95 Resp: 695588

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.7	82.9
132	91.6	65.2	121.0
130	95.4	65.0	120.6

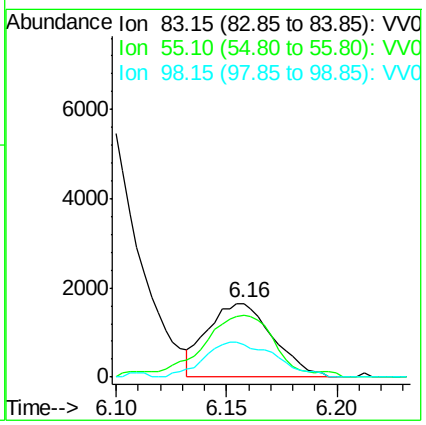


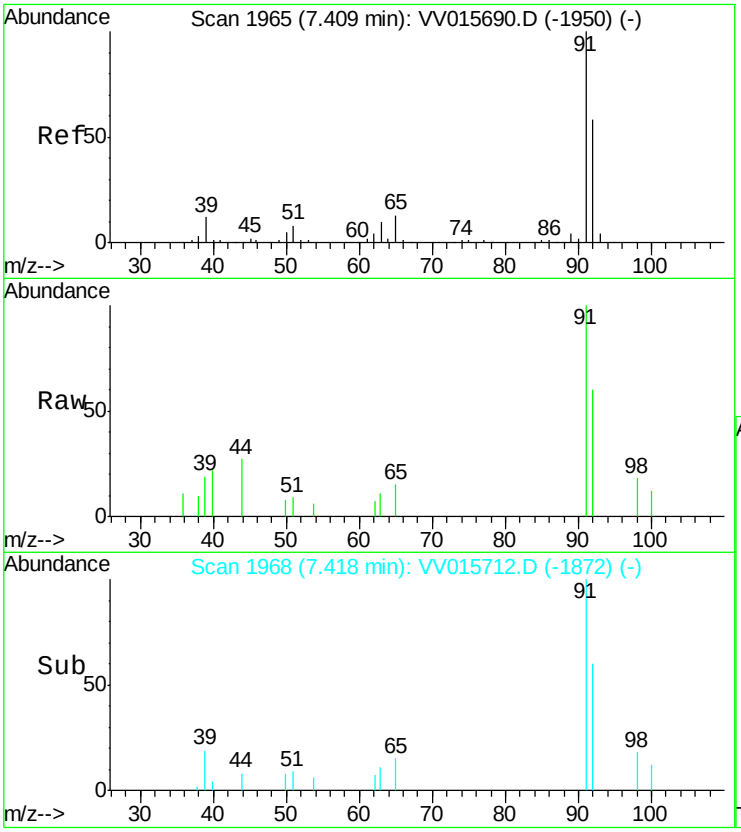


#35
Methylcyclohexane
Concen: 0.228 ug/L
RT: 6.16 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VV015712.D
Acq: 25 Apr 2020 22:31

Tgt Ion: 83 Resp: 3400

Ion	Ratio	Lower	Upper
83	100		
55	93.7	66.6	99.8
98	51.2	39.5	59.3



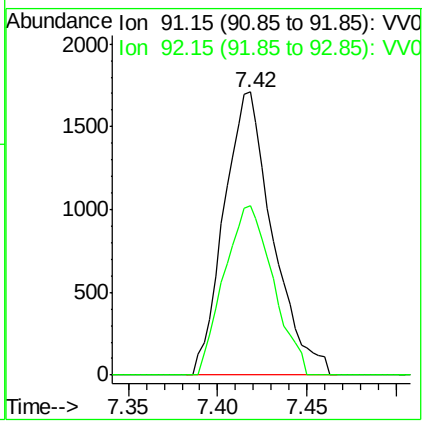


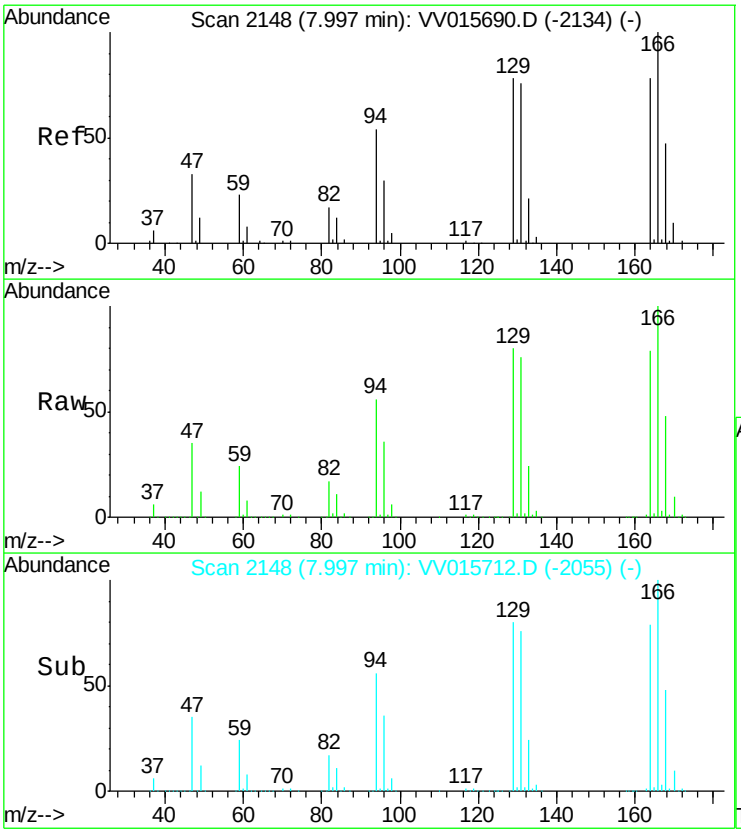
#42
Toluene
Concen: 0.086 ug/L
RT: 7.42 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VV015712.D
Acq: 25 Apr 2020 22:31

Instrument :
MSVOA_V
ClientSampleId :
ETKM8

Tgt Ion: 91 Resp: 3241

Ion	Ratio	Lower	Upper
91	100		
92	60.1	40.7	75.7





#47
Tetrachloroethene
Concen: 176.720 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV015712.D
Acq: 25 Apr 2020 22:31

Tgt Ion:164 Resp: 1234779

Ion	Ratio	Lower	Upper
164	100		
129	100.9	66.7	123.9
131	96.1	66.6	123.6
166	126.6	85.3	158.5