Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100720\
Data File : VV018700.D
Acq On : 06 Oct 2020 20:00
Operator : SY/MD
Sample : L4287-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH8

Quant Time: Oct 07 07:45:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 07:22:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276833	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272997	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108823	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	106421	65.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 131.10%			
7) Chloroethane-d5	1.58	69	72737	54.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.36%			
11) 1,1-Dichloroethene-d2	2.12	63	154261	46.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.26%			
21) 2-Butanone-d5	3.93	46	144676	119.46	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.46%			
24) Chloroform-d	4.38	84	186622	53.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.32%			
26) 1,2-Dichloroethane-d4	5.06	65	125141	56.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.30%			
32) Benzene-d6	5.07	84	367661	53.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.34%			
36) 1,2-Dichloropropane-d6	6.09	67	118979	56.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.88%			
41) Toluene-d8	7.34	98	328766	50.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.08%			
43) trans-1,3-Dichloropropene-	7.64	79	57063	50.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.12%			
47) 2-Hexanone-d5	8.11	63	77351	97.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.47%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	110286	39.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 79.62%			
64) 1,2-Dichlorobenzene-d4	11.65	152	115621	55.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.50%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	3326629	1570.949	ug/L	99
8) Chloroethane	1.60	64	8415	6.449	ug/L	97
12) 1,1-Dichloroethene	2.14	96	42568	24.632	ug/L #	67
17) trans-1,2-Dichloroethene	2.78	96	128931	65.201	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	15587391	7417.142	ug/L	88
33) Benzene	5.13	78	8628	1.076	ug/L	100
34) Trichloroethene	5.94	95	1217854	523.039	ug/L	96
42) Toluene	7.42	91	8728	1.006	ug/L	93
46) Tetrachloroethene	8.00	164	2474915	1310.173	ug/L	94
53) m,p-Xylene	9.17	106	3664	0.978	ug/L	99
54) o-xylene	9.57	106	11272	3.179	ug/L	84
58) 1,1,2,2-Tetrachloroethane	10.26	83	8127	2.830	ug/L #	85

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

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Misc : 5.0mL/MSVOA_V/WATER
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Instrument :
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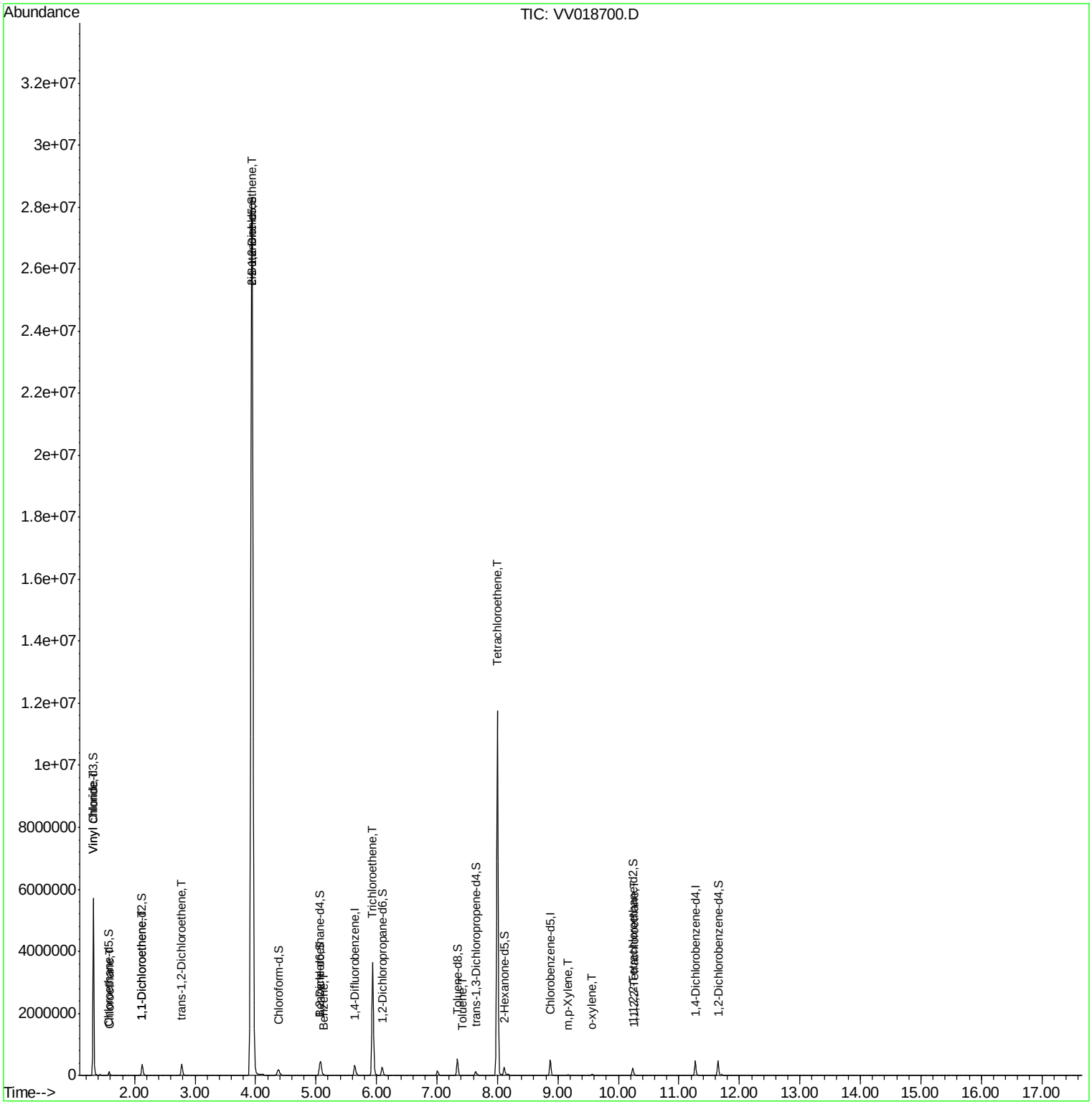
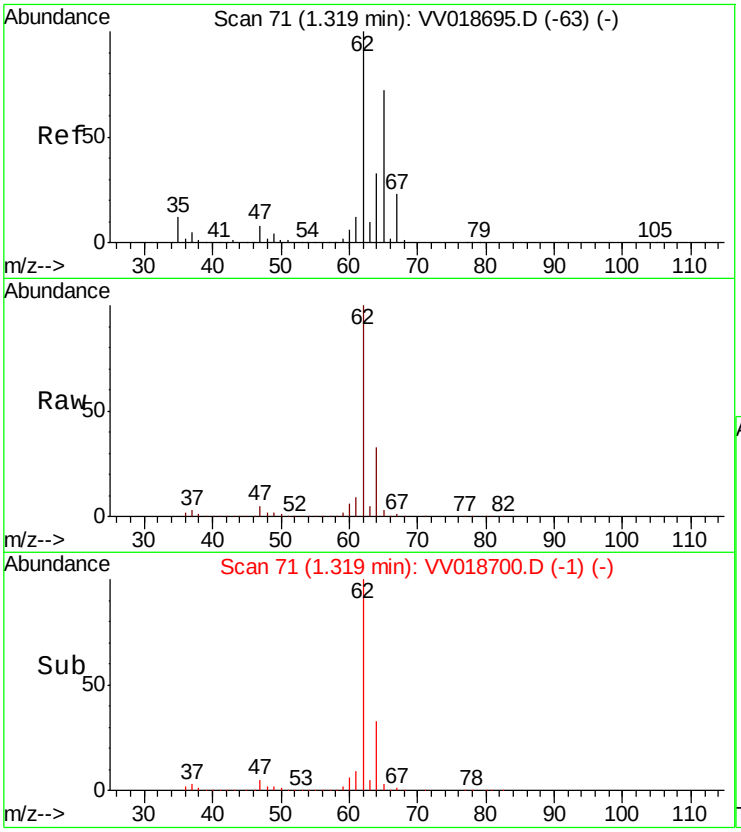
ClientSampleId :
C0AH8

Quant Time: Oct 07 07:45:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 07:22:30 2020
Response via : Initial Calibration



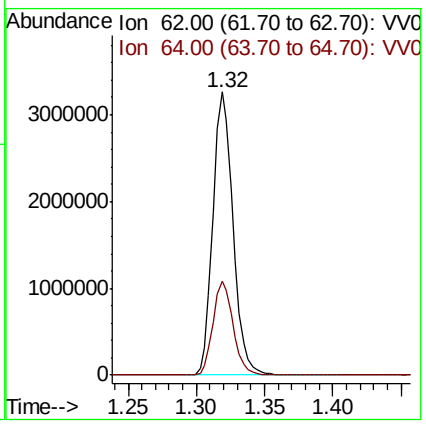


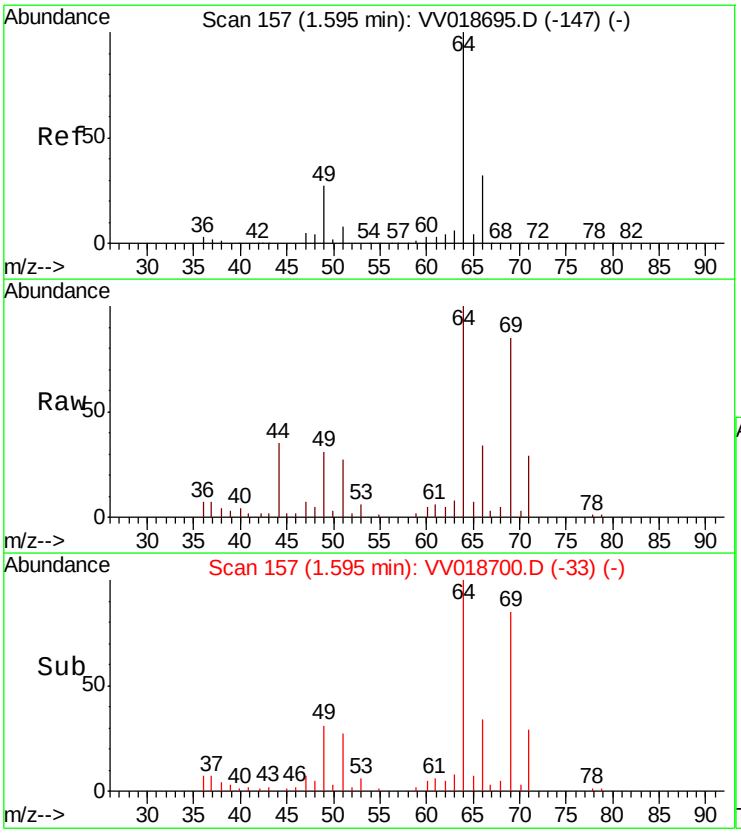
#5
Vinyl chloride
Concen: 1570.949 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV018700.D
Acq: 06 Oct 2020 20:00

Instrument :
MSVOA_V
ClientSampleId :
C0AH8

Tgt Ion: 62 Resp: 3326629

Ion	Ratio	Lower	Upper
62	100		
64	33.2	22.9	42.5

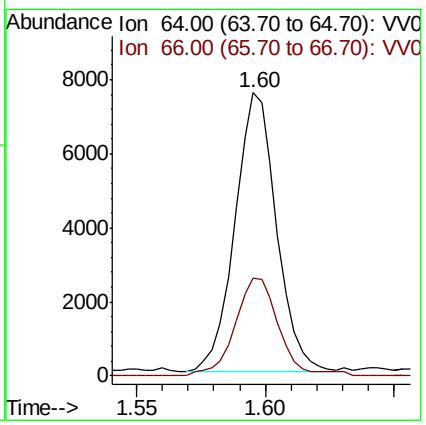


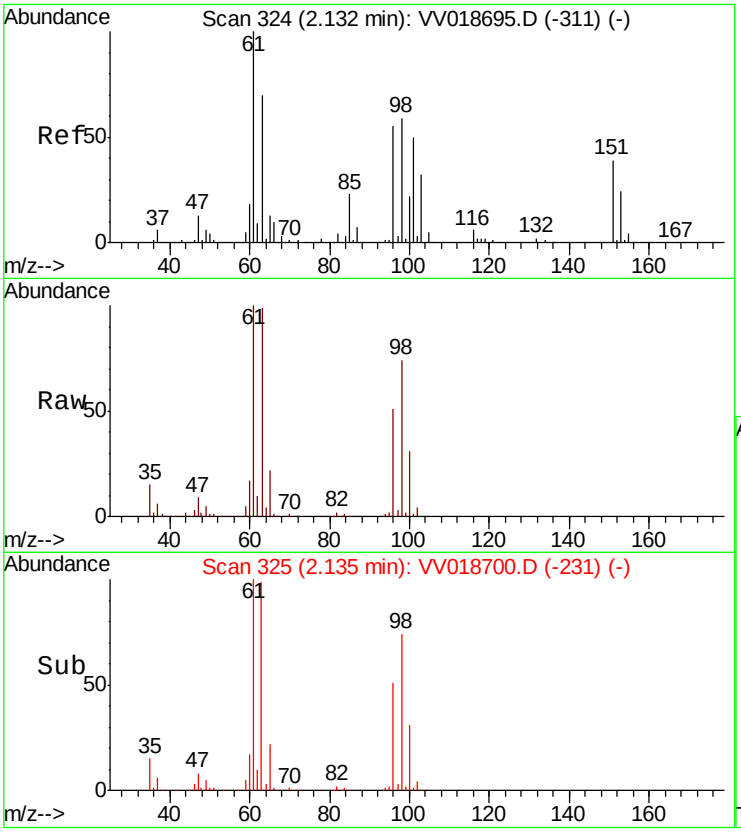


#8
Chloroethane
Concen: 6.449 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV018700.D
Acq: 06 Oct 2020 20:00

Tgt Ion: 64 Resp: 8415

Ion	Ratio	Lower	Upper
64	100		
66	34.4	22.8	42.4



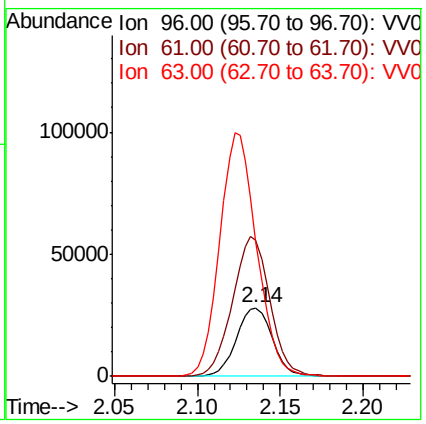


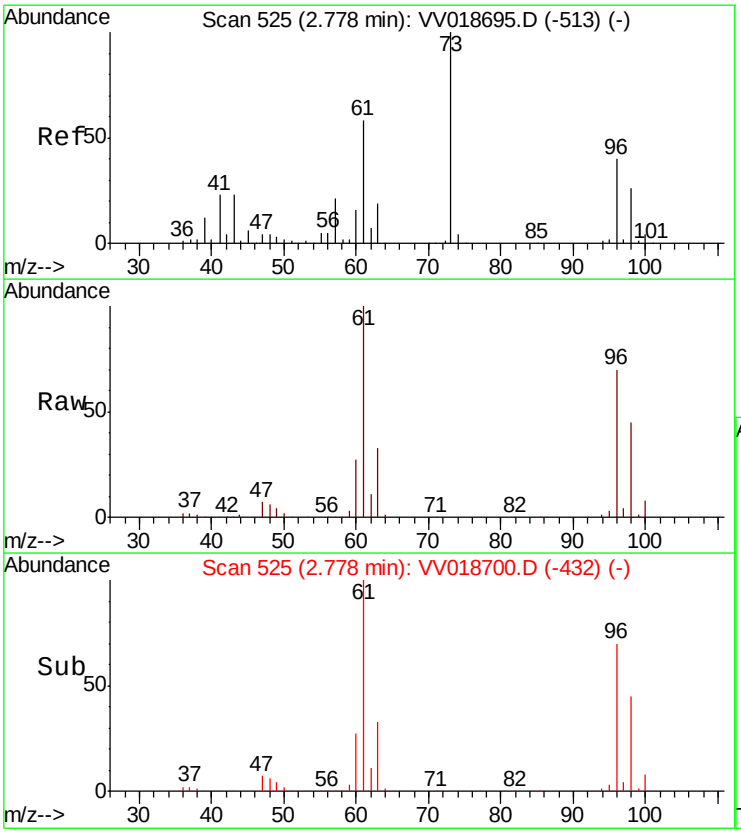
#12
1,1-Dichloroethene
Concen: 24.632 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV018700.D
Acq: 06 Oct 2020 20:00

Instrument :
MSVOA_V
ClientSampleId :
C0AH8

Tgt Ion: 96 Resp: 42568

Ion	Ratio	Lower	Upper
96	100		
61	197.6	122.8	228.1
63	196.6	91.9	170.7#

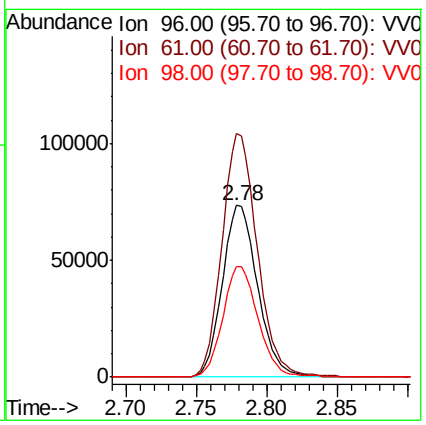


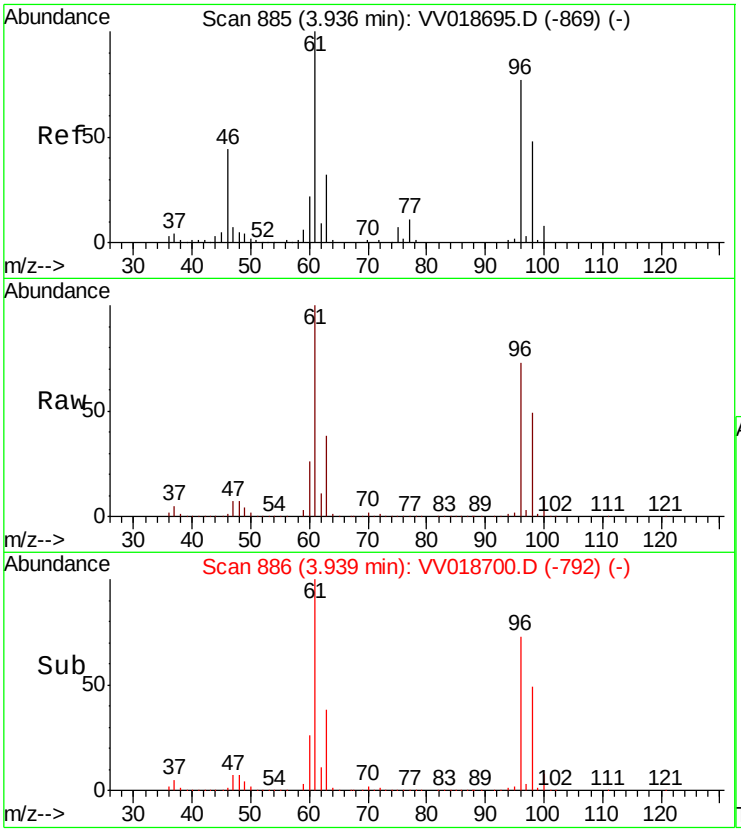


#17
trans-1,2-Dichloroethene
Concen: 65.201 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV018700.D
Acq: 06 Oct 2020 20:00

Tgt Ion: 96 Resp: 128931

Ion	Ratio	Lower	Upper
96	100		
61	142.0	95.0	176.4
98	64.2	44.6	82.8



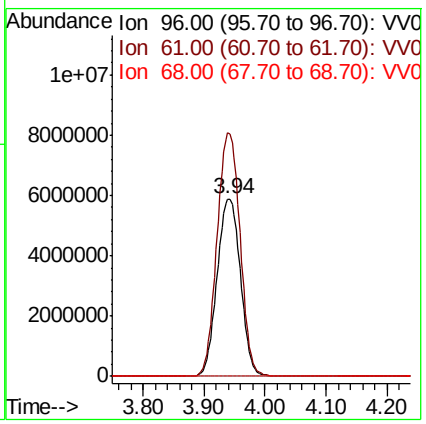


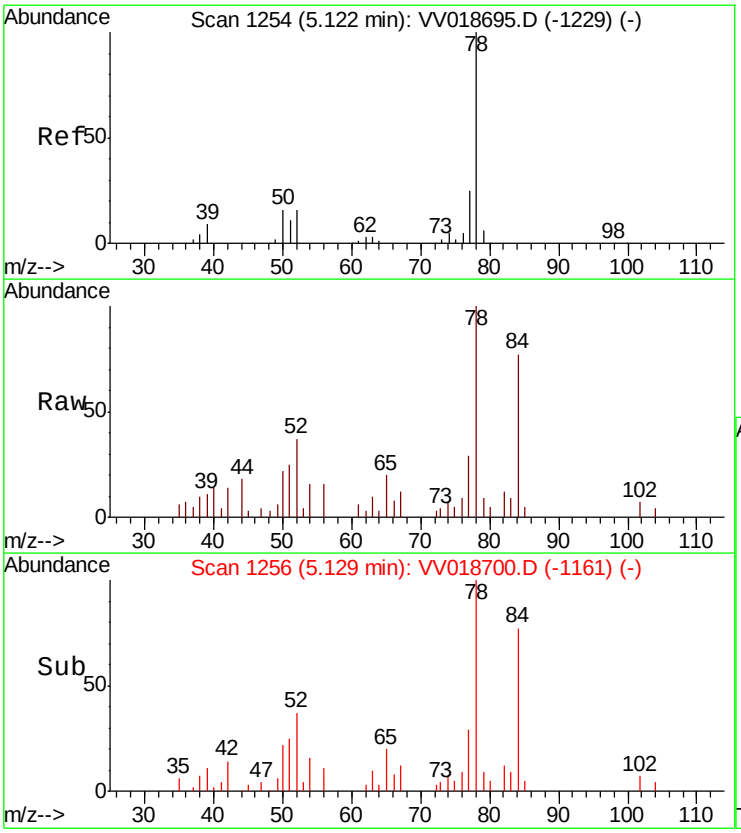
#20
cis-1,2-Dichloroethene
Concen: 7417.142 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018700.D
Acq: 06 Oct 2020 20:00

Instrument :
MSVOA_V
ClientSampleId :
C0AH8

Tgt Ion: 96 Resp:15587391

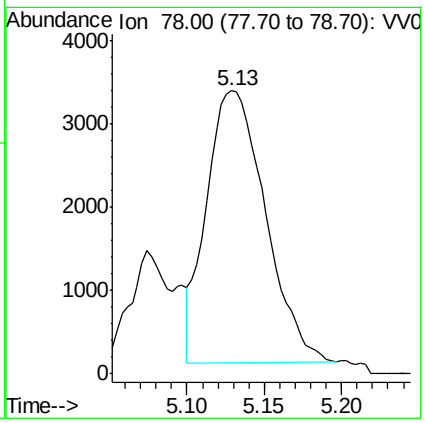
Ion	Ratio	Lower	Upper
96	100		
61	137.1	86.8	161.2
68	0.0	0.0	0.0

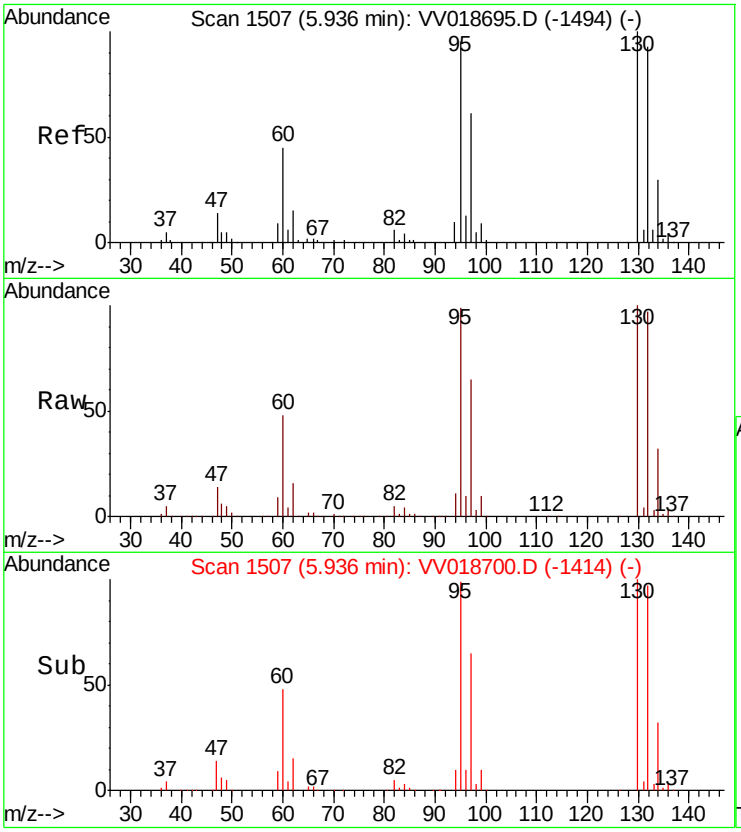




#33
Benzene
Concen: 1.076 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV018700.D
Acq: 06 Oct 2020 20:00

Tgt Ion: 78 Resp: 8628



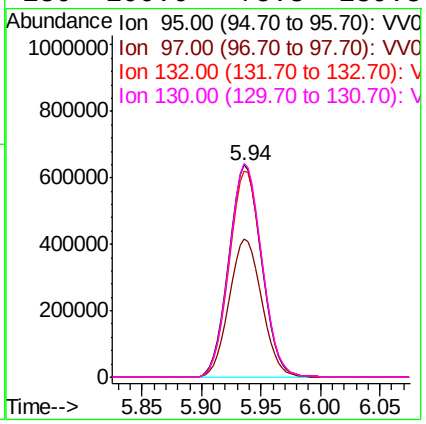


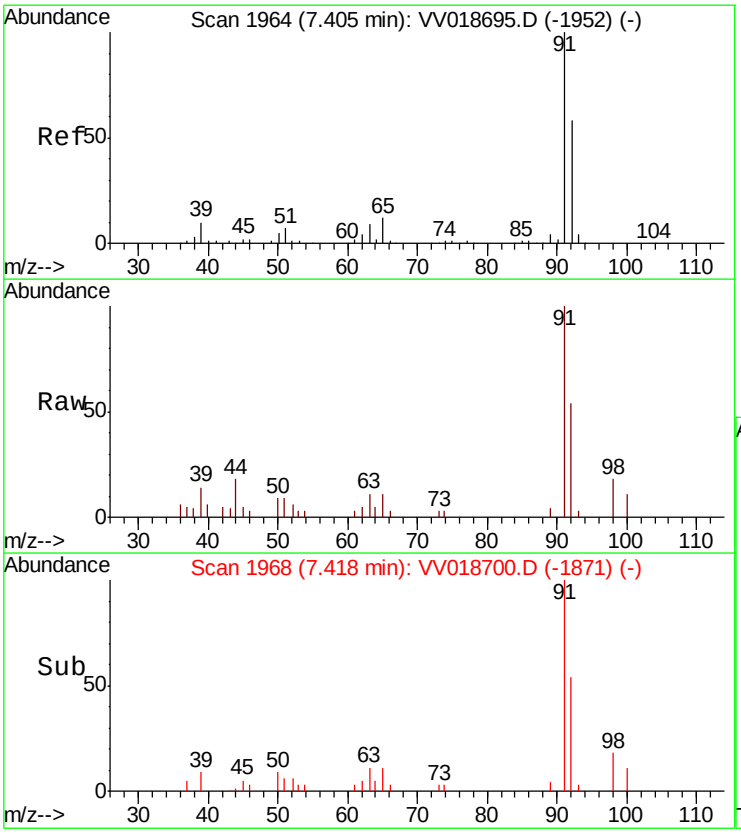
#34
Trichloroethene
Concen: 523.039 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV018700.D
Acq: 06 Oct 2020 20:00

Instrument :
MSVOA_V
ClientSampleId :
C0AH8

Tgt Ion: 95 Resp: 1217854

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.9	85.3
132	97.3	70.8	131.4
130	100.6	75.3	139.8

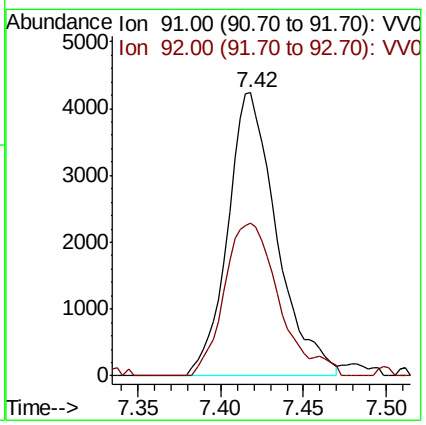


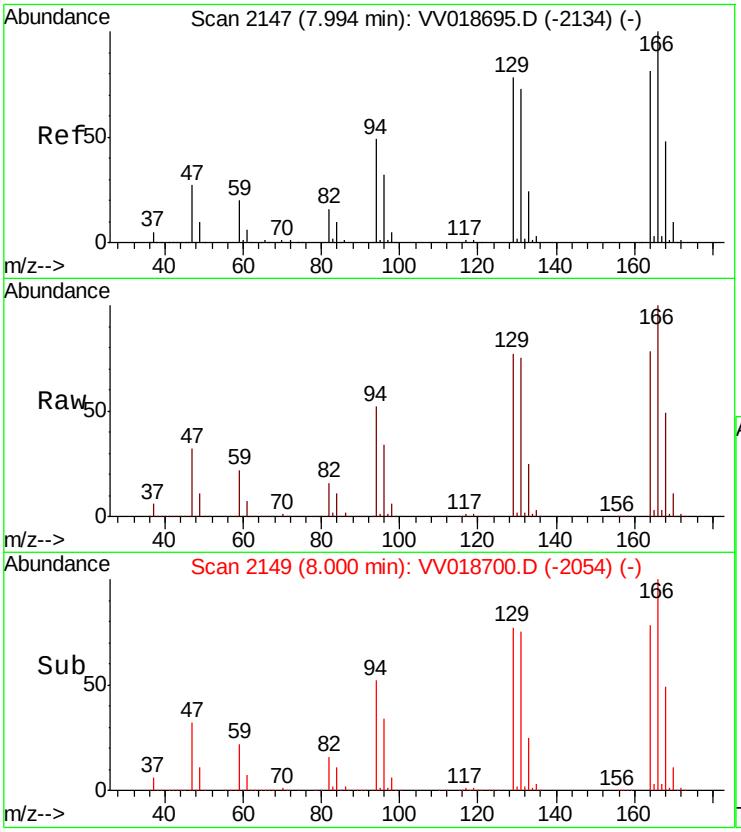


#42
Toluene
Concen: 1.006 ug/L
RT: 7.42 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VV018700.D
Acq: 06 Oct 2020 20:00

Tgt Ion: 91 Resp: 8728

Ion	Ratio	Lower	Upper
91	100		
92	54.0	41.6	77.3



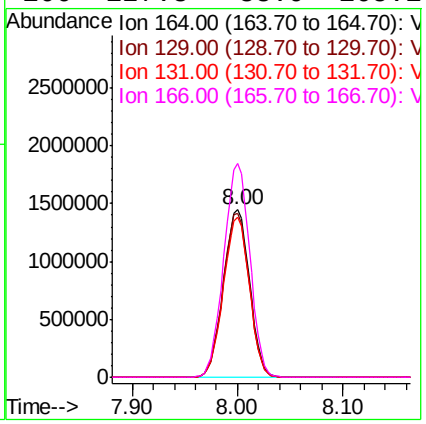


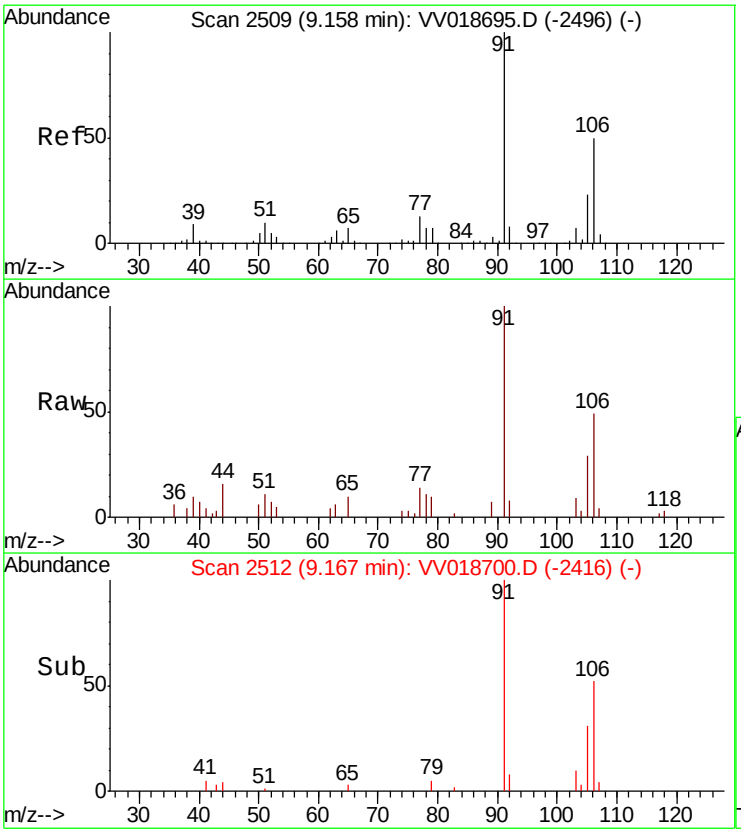
#46
Tetrachloroethene
Concen: 1310.173 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV018700.D
Acq: 06 Oct 2020 20:00

Instrument : MSVOA_V
ClientSampleId : C0AH8

Tgt Ion:164 Resp: 2474915

Ion	Ratio	Lower	Upper
164	100		
129	98.3	62.8	116.6
131	95.7	60.8	112.8
166	127.8	88.9	165.1

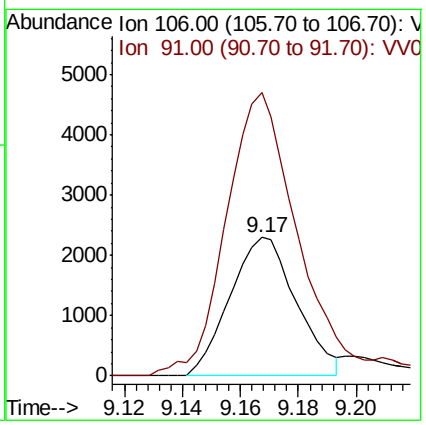


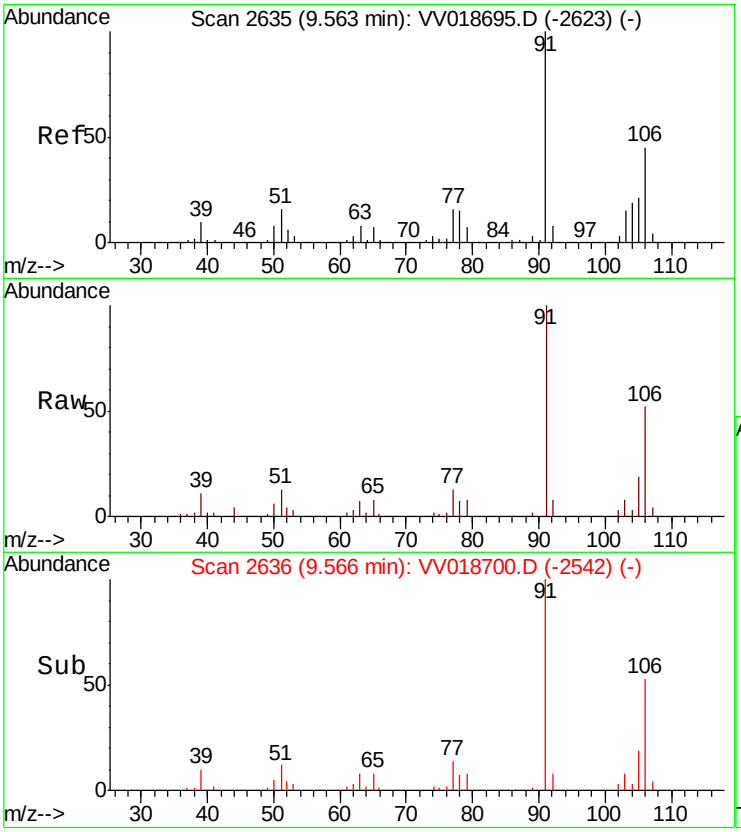


#53
m,p-Xylene
Concen: 0.978 ug/L
RT: 9.17 min Scan# 2512
Delta R.T. 0.01 min
Lab File: VV018700.D
Acq: 06 Oct 2020 20:00

Tgt Ion:106 Resp: 3664

Ion	Ratio	Lower	Upper
106	100		
91	204.8	142.3	264.3



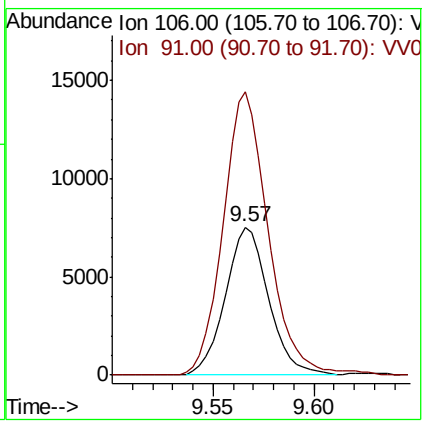


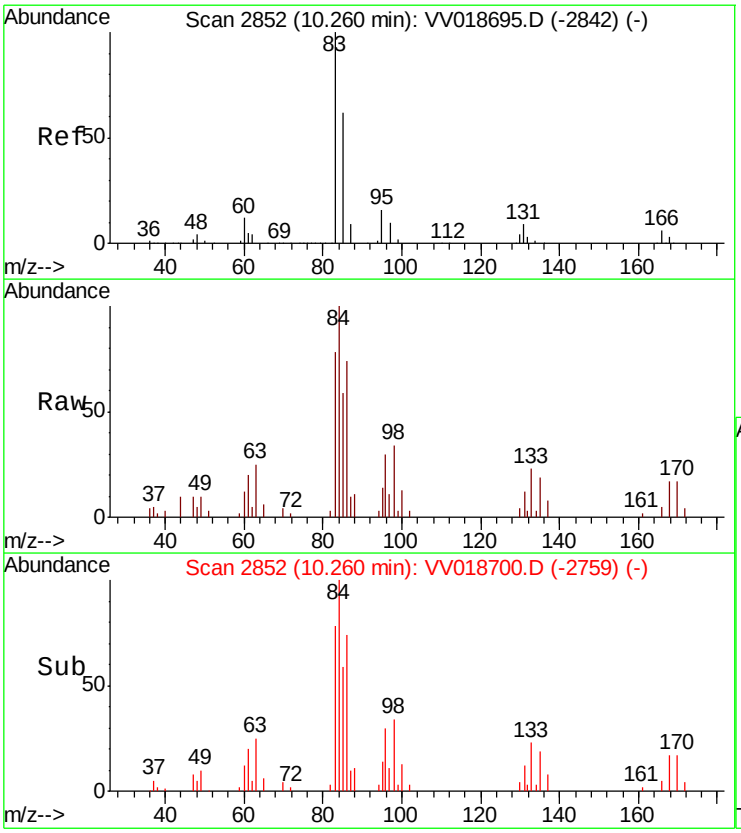
#54
o-xylene
Concen: 3.179 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018700.D
Acq: 06 Oct 2020 20:00

Instrument :
MSVOA_V
ClientSampleId :
C0AH8

Tgt Ion:106 Resp: 11272

Ion	Ratio	Lower	Upper
106	100		
91	190.8	151.0	280.4





#58
1,1,2,2-Tetrachloroethane
Concen: 2.830 ug/L
RT: 10.26 min Scan# 2852
Delta R.T. -0.00 min
Lab File: VV018700.D
Acq: 06 Oct 2020 20:00

Tgt Ion: 83 Resp: 8127

Ion	Ratio	Lower	Upper
83	100		
85	75.7	44.5	82.7
131	15.2	8.6	12.8#