Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061820\
Data File : VV016970.D
Acq On : 18 Jun 2020 11:41
Operator : SY/MD
Sample : L3039-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9M00

Manual Integrations APPROVED
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6/19/2020 3:02:29 PM

Quant Time: Jun 19 05:26:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 19 04:33:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	351302	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170055	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	98519	39.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.48%			
7) Chloroethane-d5	1.58	69	69467	46.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.40%			
11) 1,1-Dichloroethene-d2	2.12	63	146012	35.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.16%			
21) 2-Butanone-d5	3.90	46	165786	90.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.36%			
24) Chloroform-d	4.38	84	222481	44.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.28%			
26) 1,2-Dichloroethane-d4	5.06	65	164098	47.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.72%			
32) Benzene-d6	5.07	84	448574	45.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.78%			
36) 1,2-Dichloropropane-d6	6.09	67	138541	45.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.92%			
41) Toluene-d8	7.34	98	416476	46.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.86%			
43) trans-1,3-Dichloropropene-	7.64	79	72395	45.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.22%			
47) 2-Hexanone-d5	8.11	63	98590	74.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 74.21%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182415	45.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.44%			
64) 1,2-Dichlorobenzene-d4	11.65	152	181400	49.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.96%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	743762	296.944	ug/L	99
8) Chloroethane	1.60	64	2319	1.874	ug/L	94
14) Carbon disulfide	2.31	76	9127	1.446	ug/L #	85
17) trans-1,2-Dichloroethene	2.78	96	7727	3.250	ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	905973m	349.560	ug/L	
25) Chloroform	4.41	83	15095	3.282	ug/L	90
34) Trichloroethene	5.94	95	5662	2.104	ug/L	94
42) Toluene	7.41	91	10228	0.967	ug/L	91
46) Tetrachloroethene	7.99	164	2246m	1.061	ug/L	
53) m,p-Xylene	9.17	106	6761	1.550	ug/L	88
54) o-xylene	9.57	106	2386	0.555	ug/L	87

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

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Instrument :
MSVOA_V
ClientSampleId :
F9M00

Manual Integrations APPROVED
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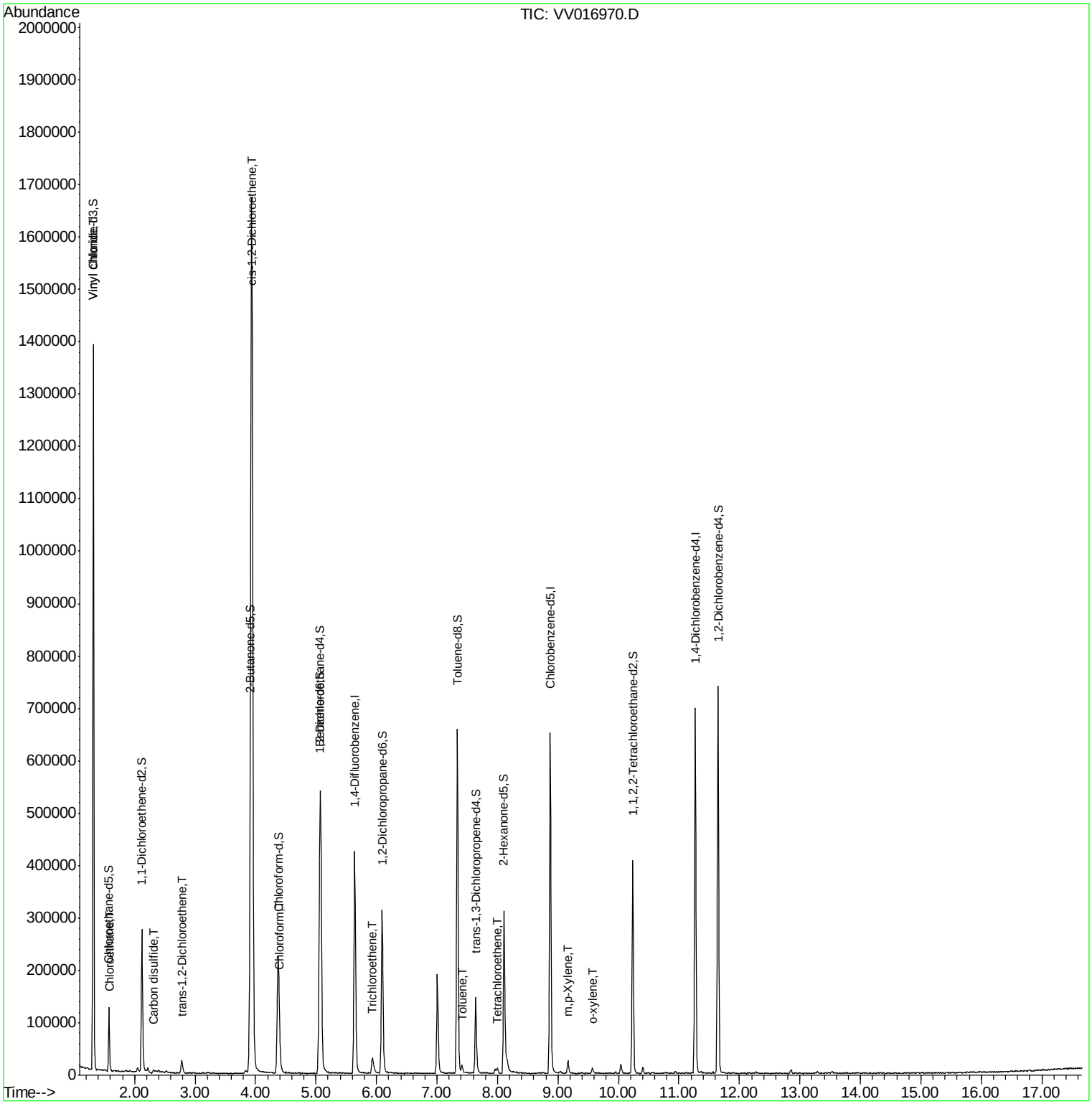
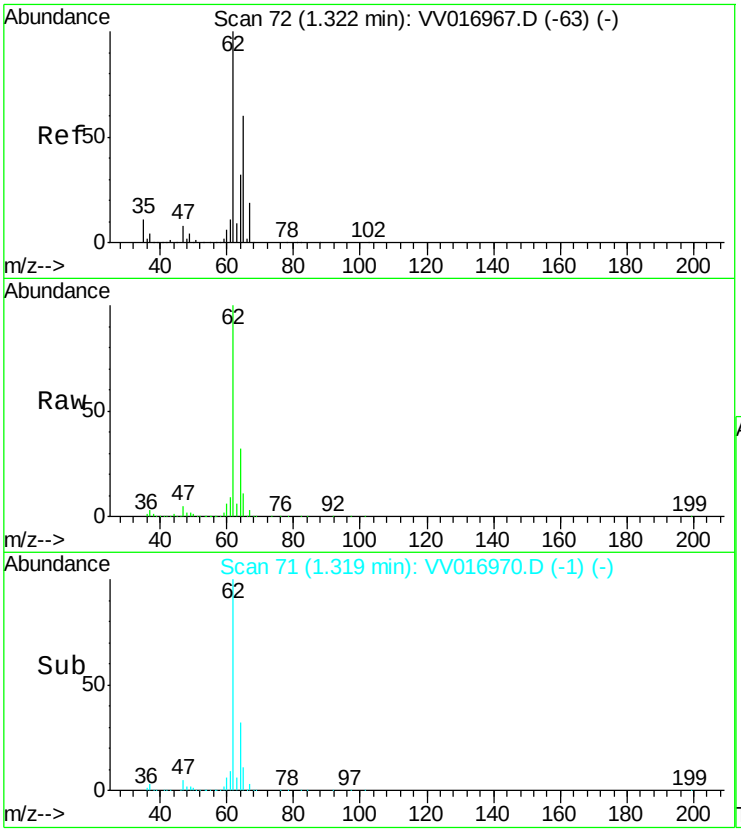
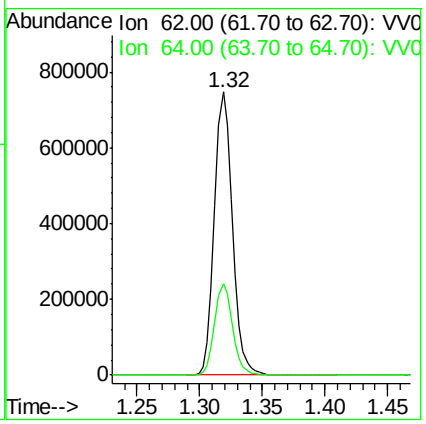




#5
Vinyl chloride
Concen: 296.944 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV016970.D
Acq: 18 Jun 2020 11:41

Tgt Ion: 62 Resp: 743762

Ion	Ratio	Lower	Upper
62	100		
64	32.4	22.3	41.5



Instrument :
MSVOA_V
ClientSampleId :
F9M00

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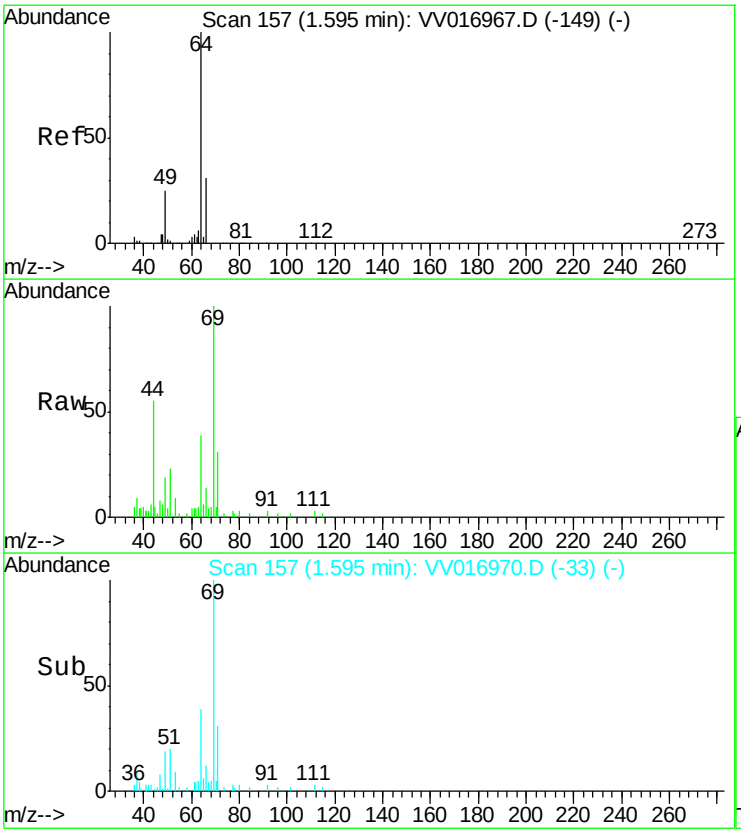
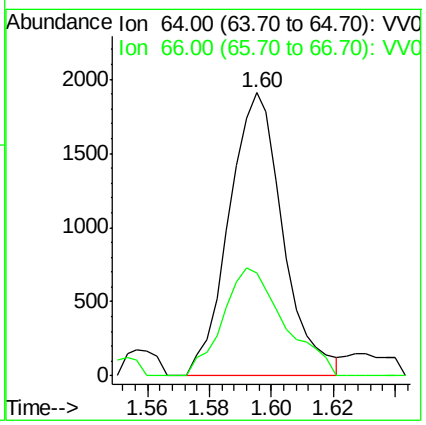
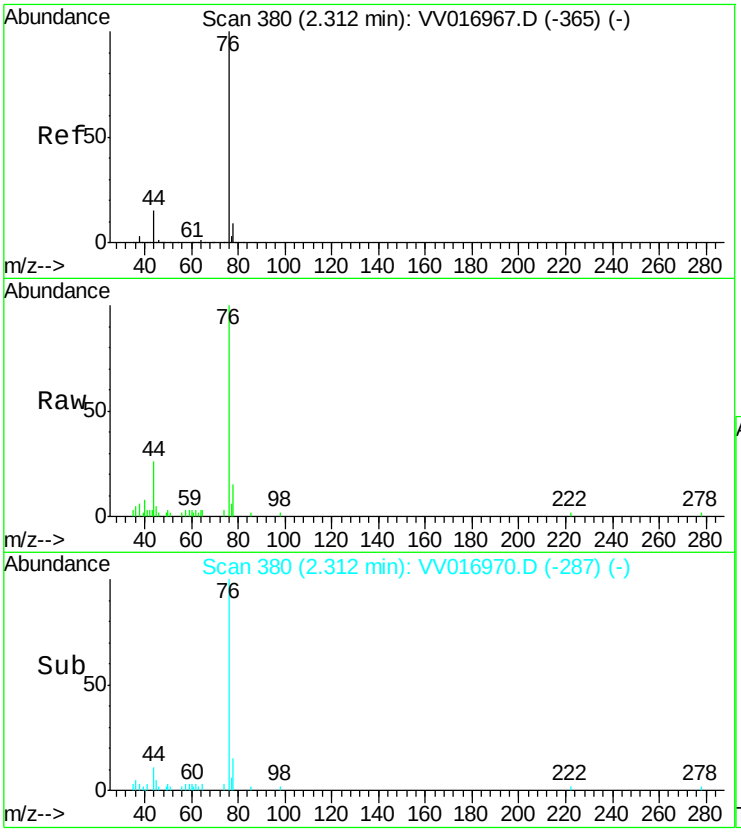


#8
Chloroethane
Concen: 1.874 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV016970.D
Acq: 18 Jun 2020 11:41

Tgt Ion: 64 Resp: 2319

Ion	Ratio	Lower	Upper
64	100		
66	36.4	23.2	43.0





#14
Carbon disulfide
Concen: 1.446 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV016970.D
Acq: 18 Jun 2020 11:41

Tgt Ion: 76 Resp: 9127

Ion	Ratio	Lower	Upper
76	100		
78	14.5	7.4	11.0#

Instrument :
MSVOA_V
ClientSampleId :
F9M00

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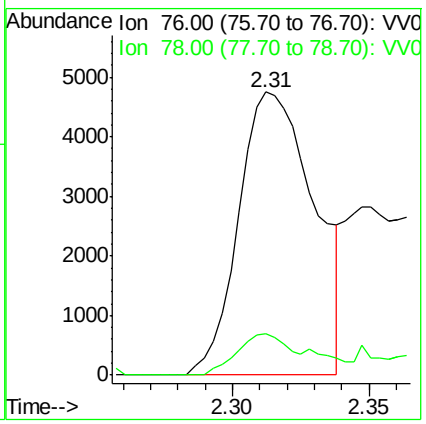
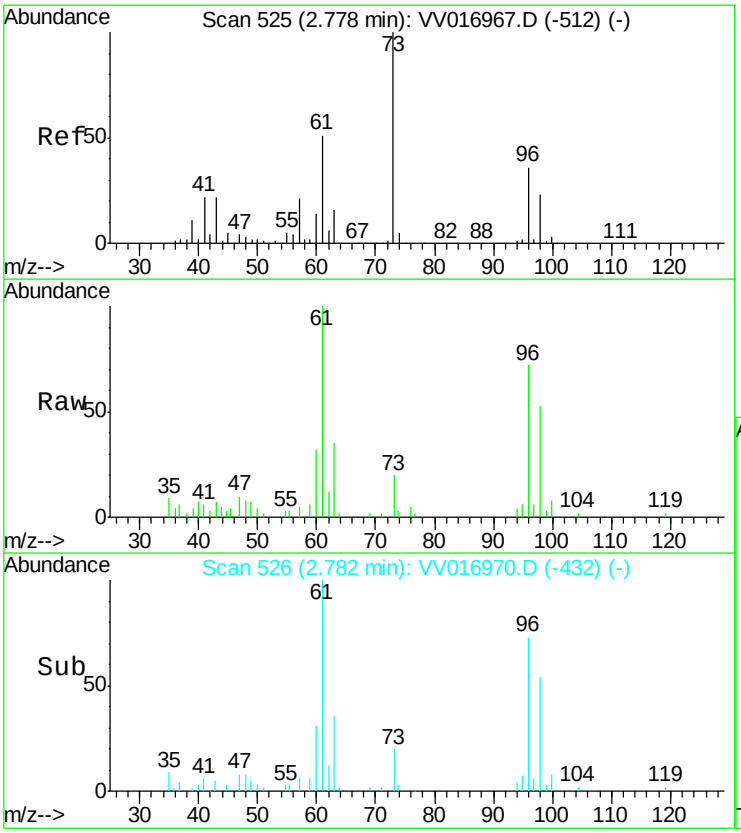
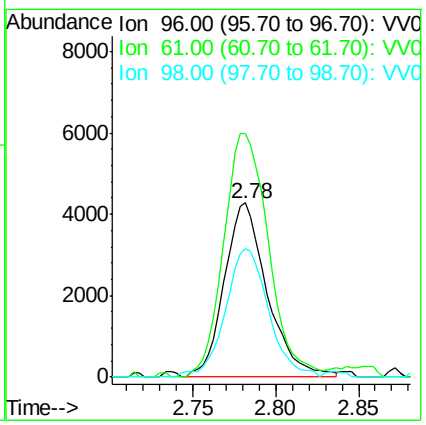


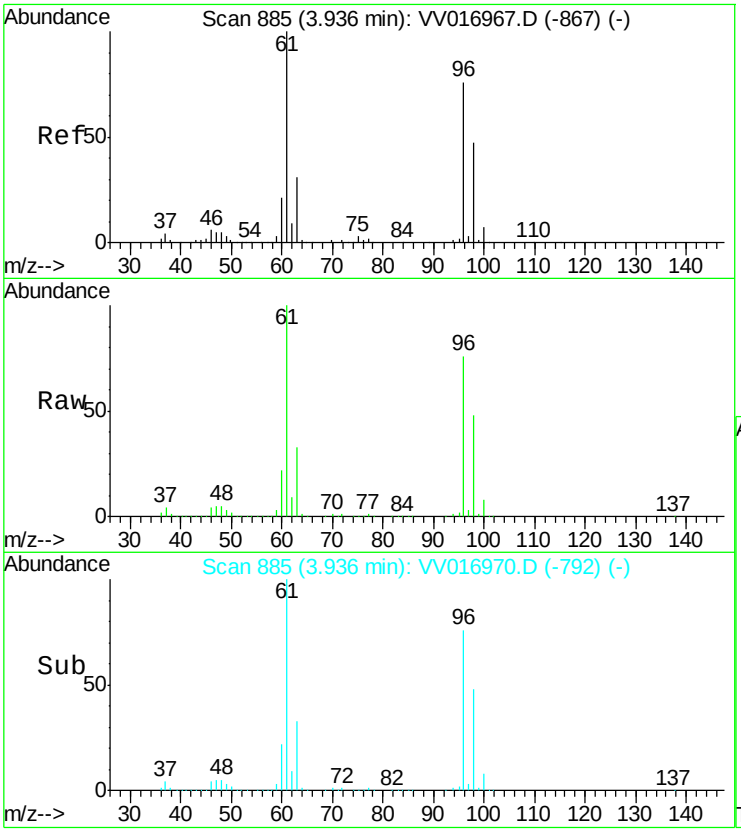


#17
trans-1,2-Dichloroethene
Concen: 3.250 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV016970.D
Acq: 18 Jun 2020 11:41

Tgt Ion: 96 Resp: 7727

Ion	Ratio	Lower	Upper
96	100		
61	139.7	102.9	191.1
98	73.8	45.5	84.5

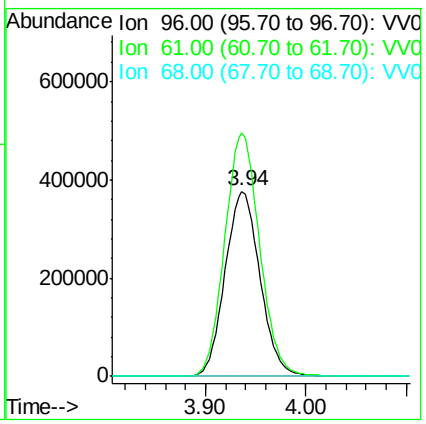




#20
cis-1,2-Dichloroethene
Concen: 349.560 ug/L m
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV016970.D
Acq: 18 Jun 2020 11:41

Tgt Ion: 96 Resp: 905973

Ion	Ratio	Lower	Upper
96	100		
61	131.7	93.4	173.4
68	0.0	0.0	0.0#



Instrument :
MSVOA_V
ClientSampleId :
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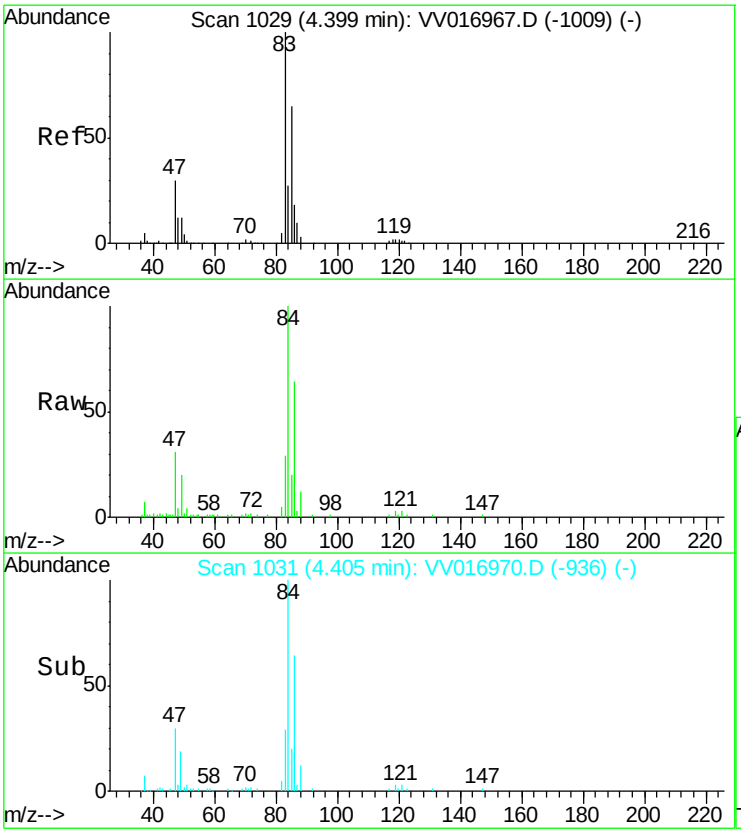
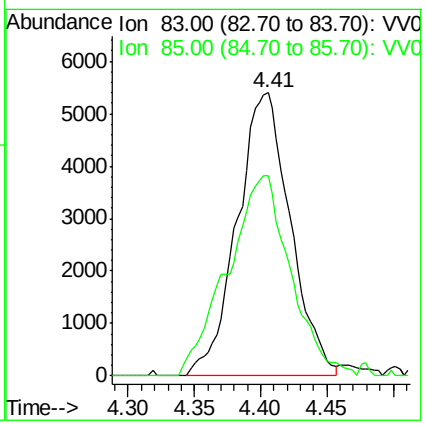
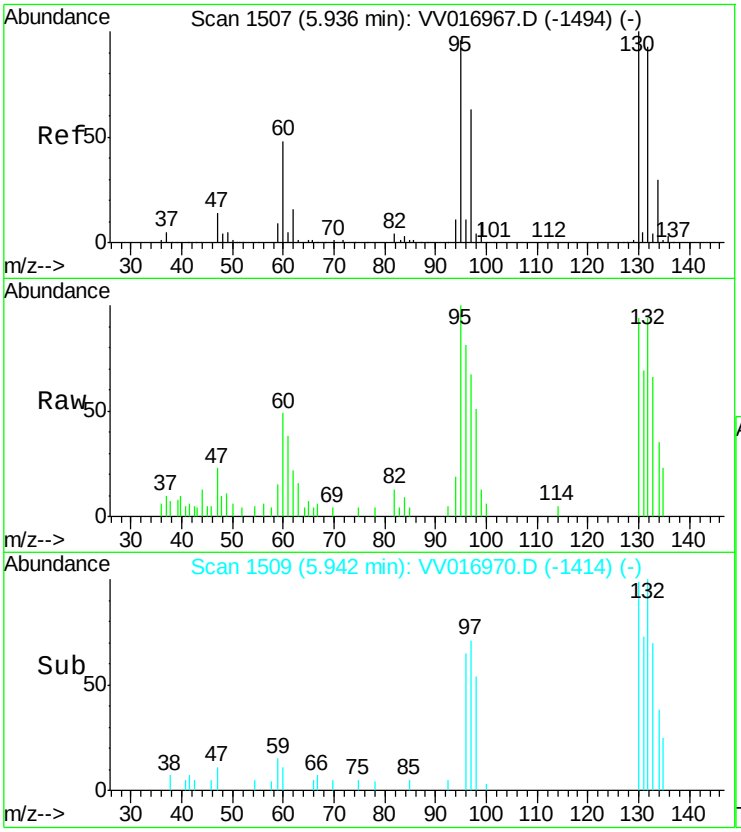


#25
Chloroform
Concen: 3.282 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016970.D
Acq: 18 Jun 2020 11:41

Tgt Ion: 83 Resp: 15095

Ion	Ratio	Lower	Upper
83	100		
85	70.5	44.1	81.9

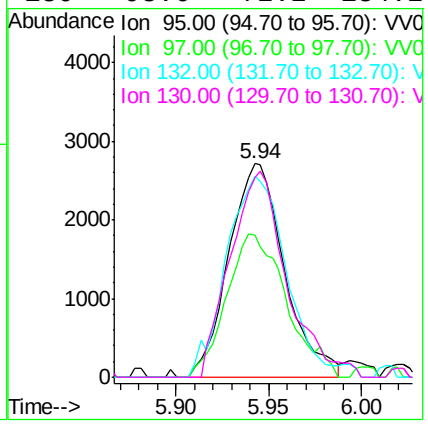




#34
Trichloroethene
Concen: 2.104 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016970.D
Acq: 18 Jun 2020 11:41

Tgt Ion: 95 Resp: 5662

Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.3	82.3
132	94.3	67.9	126.1
130	93.6	72.2	134.2



Instrument :
MSVOA_V
ClientSampleId :
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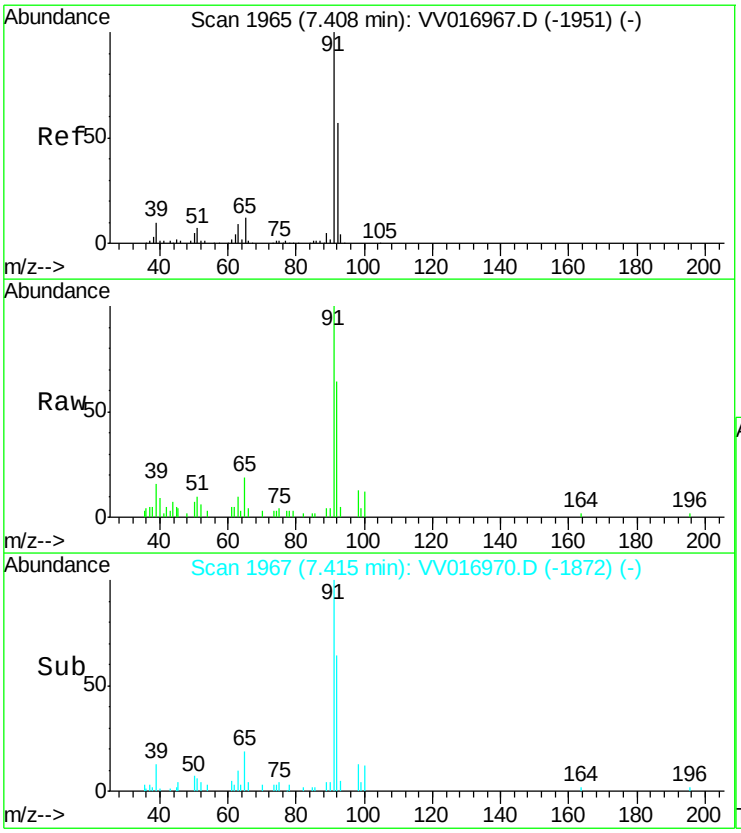
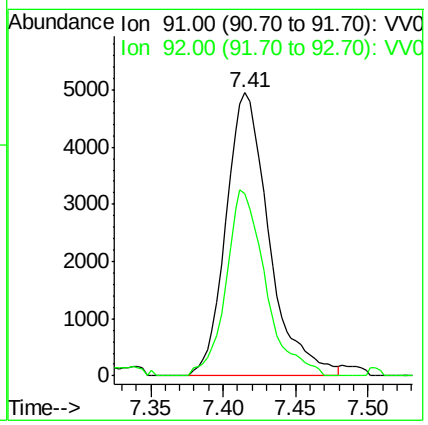
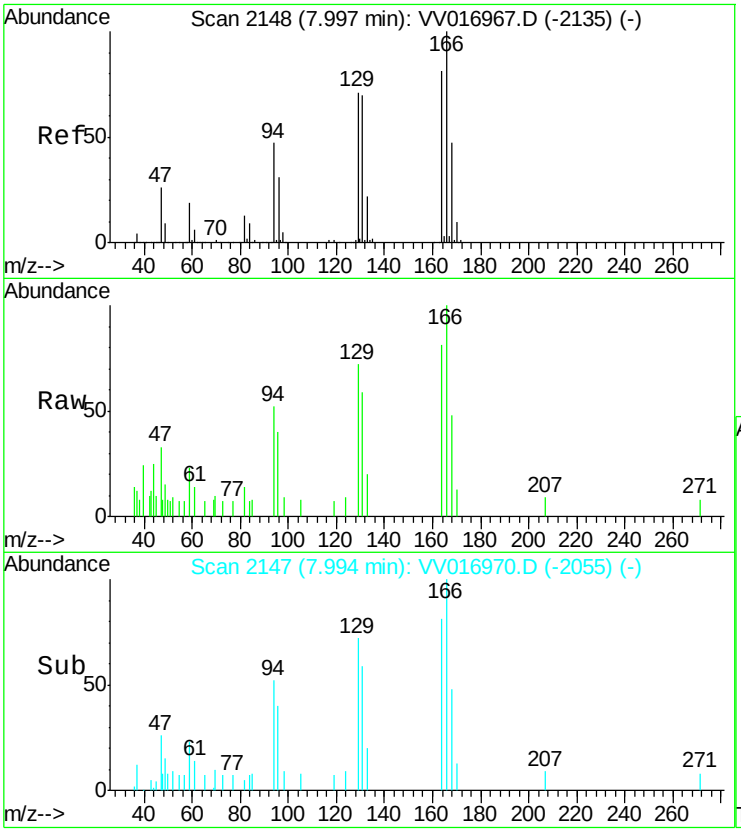


#42
Toluene
Concen: 0.967 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV016970.D
Acq: 18 Jun 2020 11:41

Tgt Ion: 91 Resp: 10228

Ion	Ratio	Lower	Upper
91	100		
92	64.3	40.4	75.0

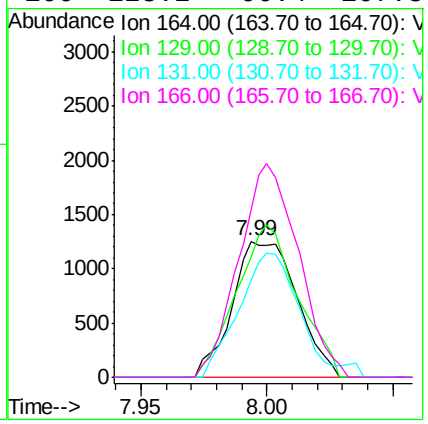




#46
Tetrachloroethene
Concen: 1.061 ug/L m
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV016970.D
Acq: 18 Jun 2020 11:41

Tgt Ion:164 Resp: 2246

Ion	Ratio	Lower	Upper
164	100		
129	89.1	67.0	124.4
131	72.1	64.8	120.3
166	123.2	90.4	167.8



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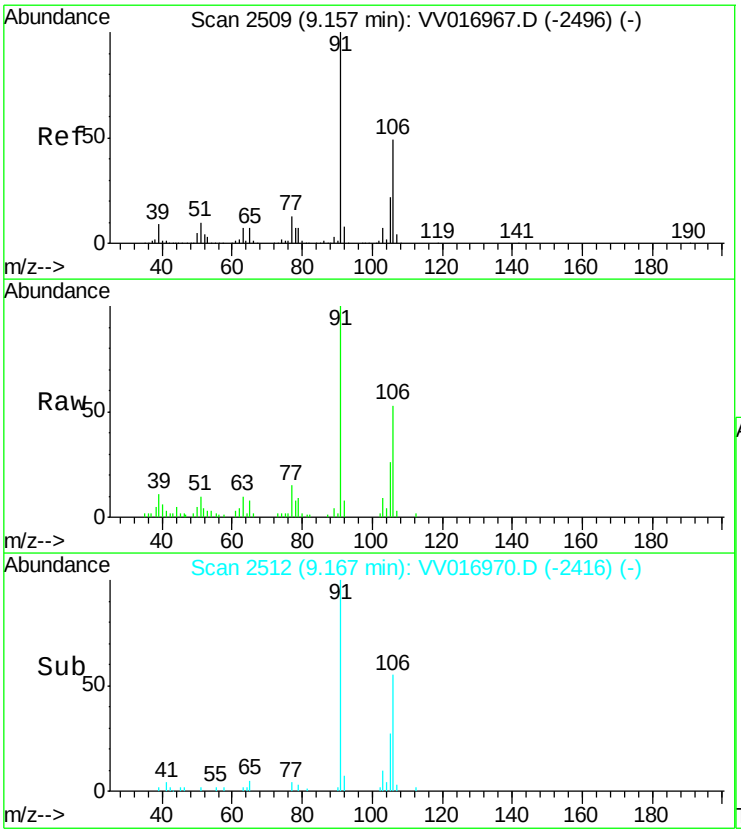
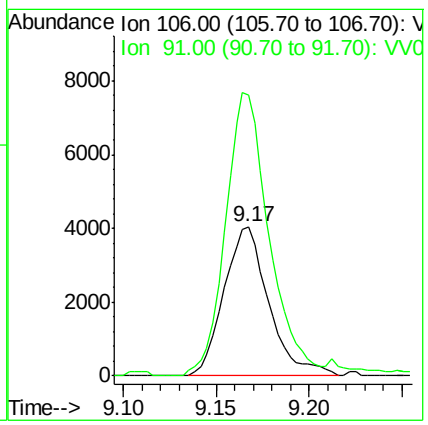
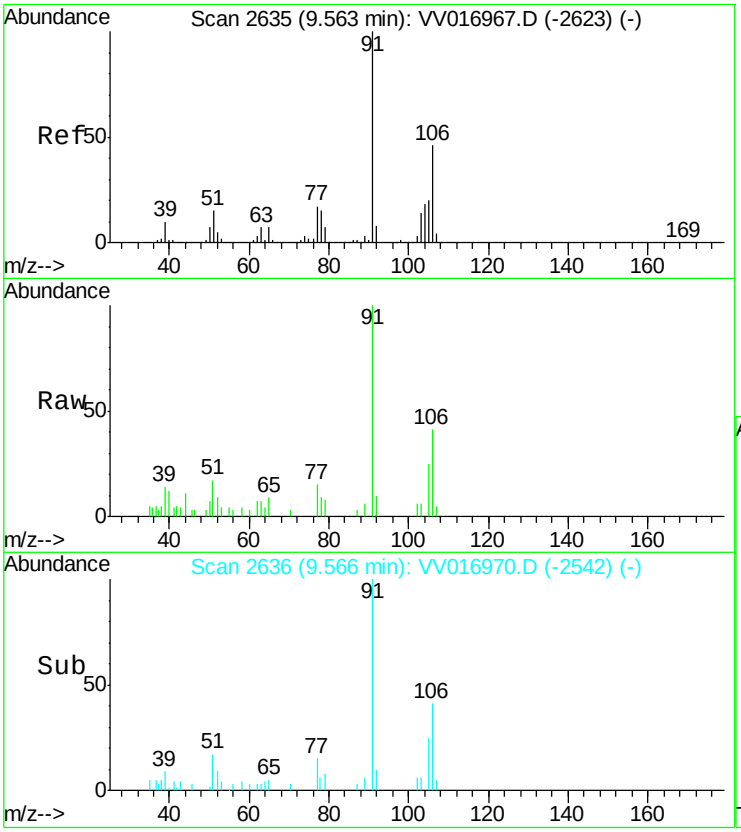


#53
m,p-Xylene
Concen: 1.550 ug/L
RT: 9.17 min Scan# 2512
Delta R.T. 0.01 min
Lab File: VV016970.D
Acq: 18 Jun 2020 11:41

Tgt Ion:106 Resp: 6761

Ion	Ratio	Lower	Upper
106	100		
91	187.9	144.6	268.6

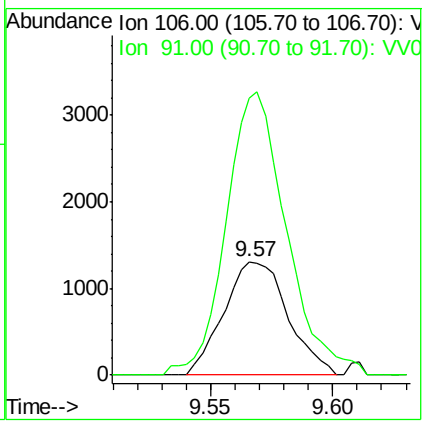




#54
o-xylene
Concen: 0.555 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016970.D
Acq: 18 Jun 2020 11:41

Tgt Ion:106 Resp: 2386

Ion	Ratio	Lower	Upper
106	100		
91	243.9	155.9	289.5



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